



# GRAY Telephone Pay Stations

# THE GRAY TELEPHONE PAY STATION CO.

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HARTFORD, CONN. U.S.A.

Cable Address:"Graypay"



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Antwerp-

Bell Tele. & Mfg. Co., 33 Rue Boudewyns,

Antwerp, Belgium.

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Vote-Berger Company. La Crosse, Wisconsin.

Wesco Supply Company, St. Louis, Missouri. Prices shown in this catalogue are net F. O. B. Hartford, Conn.

The transmitters, receivers and bell boxes are shown for illustration purposes only and are not included.

# INTRODUCTORY

HE Gray Telephone Pay Station Company brought out the first device for the collection of telephone charges without the use of an attendant in the year of

1888. Previous to that time nothing in form of a practical pay station had ever been produced.

The fact that the Gray was the pioneer of automatic pay stations and the first to be placed upon the market, at once won for it an enviable reputation which it still continues to hold. We have not, however, been content to rest here but have devoted our energies and experience gained in over a quarter of a century's study in the development and manufacture of telephone tool equipment to the betterment of our product.

The tremendous number of our stations in actual use is the best indication of how well we have kept pace with the demand of the times.

The policy of the company is to anticipate the requirements in telephone toll apparatus and to produce a practical mechanism when the real need is manifest. The success of the company marks the success of this policy.

# ANNOUNCEMENT

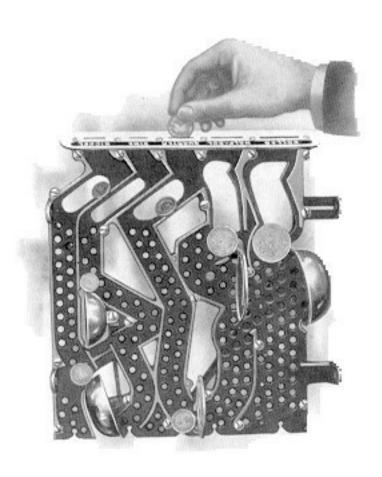
E take pleasure in calling to your attention the many pieces of apparatus of original and artistic design shown in this catalog. The published indorsements

shown from telephone companies operating throughout the United States is the best proof we can furnish that Gray Pay Stations do give entire satisfaction under every and all conditions.

To those of our customers who have never visited our factory we have attempted to convey by the several shop views shown in this book the equipment we have for the accurate and rapid production of the line of goods we make and by these illustrations prove that careful manufacture is used employing jigs, dies, tools and special fixtures in order to insure interchangeability of parts and fidelity to design; also that each instrument is carefully tested as well as comparisons taken following each manufacturing operation.

The prestige attached to the Gray Pay Station is well known; it is the logical result of a continual and strict adherance to the principles of equity and exact justice upon which this business was established twenty-five years ago.

With Gray Pay Stations: You Simply Drop in the Coin



Quick service.

With Gray Pay Stations the user is only required to drop the coin in the proper slot when told by the operator.

No levers to push or pull; no buttons to operate.

Traffic managers claim in case of the use of lever or push slide types of stations, too much of the operator's time is taken up in instructing subscribers in the use of such machines. For this reason, Gray Pay Stations are made entirely automatic in action.

The simplicity of Gray Pay Stations affords the lowest possible cost of maintenance

### MULTI-COIN PREPAY STATION

Catalogue of Gray Pay Station Apparatus.

#### AMERICAN TELEPHONE AND TELEGRAPH COMPANY.

15 DEY STREET.

JOHN J. CARTY.

New York. January 10,1912. December 29--41894-1310-131E.

Mr. Charles Soby, Secretary and Treasurer,

The Gray Telephone Pay Station Company

Hartford, Connecticut.

Dear Sir:-

I was interested to learn from your letter of December 29th that you are about to issue a new catalogue of Gray pay station apparatus and I shall be very glad to receive copies of this publication. The only multi-coin box that has been definitely approved by this Department is the new prepayment No. 50-A type to which you refer specifically, and a letter standardizing this piece of apparatus was sent to the associate companies a few days ago.

Under these conditions I see no objection to your stating in your catalogue, if you so desire, that this particular coin box was designed to meet the requirements of the American Telephone & Telegraph Company and that it has been standardised by them for use where a prepayment multi-coin box should be employed.

Yours truly,

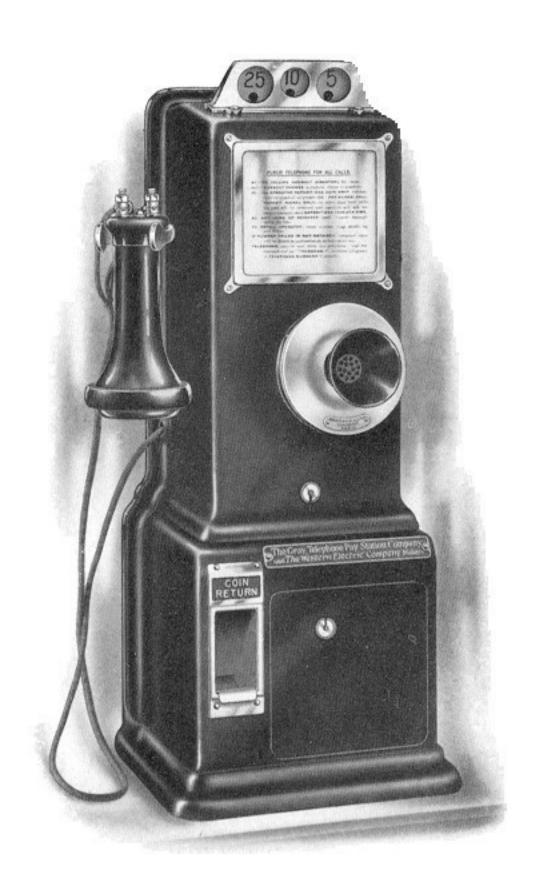
KWW-BMW.

A. J. Carty Chief Engineer.

#### **STANDARDIZED**

THE pay station illustrated and described in the following pages was designed to meet the requirements of the American Telephone & Telegraph Company, and is the only prepay multi-coin box that has ever been definitely approved by said company. A letter standardizing these stations has been sent out by the above to its associate companies, recommending its use in places where a prepayment multi-coin box should be employed.

#### Number 50-A MULTI-COIN PREPAY STATION



Mounted on shelf, using No. 139-A bracket. Price, complete, as shown,

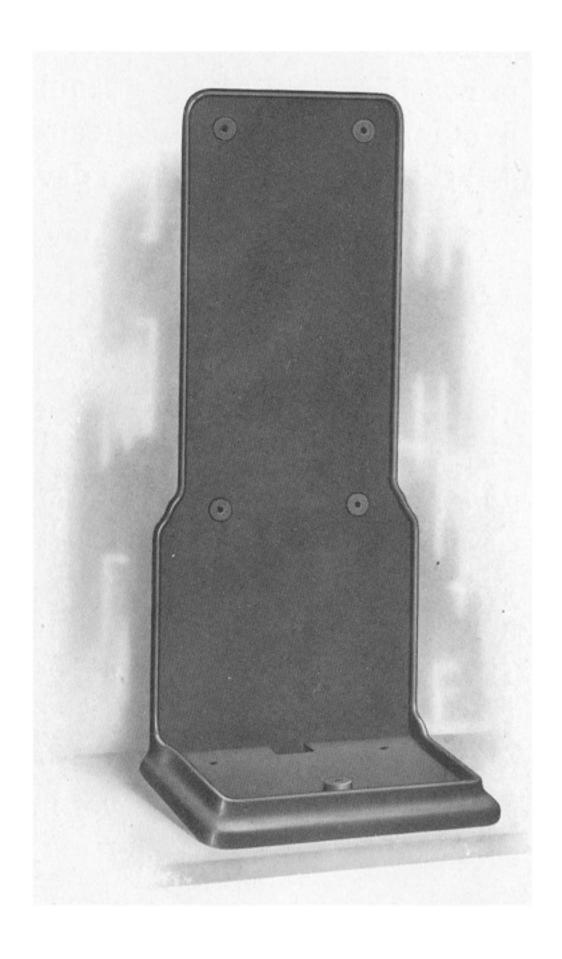
#### Prepayment Multi-Coin Collectors

To produce a Pay Station that would provide for the prepayment of both local and long distance telephone calls has been a problem long given serious and intelligent thought, and only after years of patient study and experiment by inventors of long Pay Station experience and its development by the ablest Pay Station builders in the world, designed with a thorough knowledge of what not to do as well as what to do has enabled the contribution to the telephone world this most important mechanical achievement in the Pay Station art.

That a multi-coin prepayment station is a reality seems wonderful enough, but that it has been brought about plus every other advantage at once insures for it a ready adoption.

A perusal of the following pages will be interesting, instructive and convincing. An examination of the station will prove every claim we make for it.

Number 139-A BRACKET
For use with Type 50-A Multi-Coin Collector



For shelf mounting in booths, etc. Price, bracket only,

#### For Use in Large Cities

THE multi-coin prepayment collector allows for the introduction of pay stations in large cities where heretofore the consideration of time required to operate other types of toll collectors has precluded the installation of such devices.

#### Adopted by the New York Telephone Company for Use in New York City

AT the present time we are at work in co-operation with the Western Electric Company on an order of twenty-five thousand of these stations for use in New York City, many having already been installed and are giving entire satisfaction, which is the best indication that they do meet the most rigid demands ever imposed on a coin collector.

Exhaustive tests conducted by the American Telephone and Telegraph Company have proven these stations entirely efficient.

Number 50-A MULTI-COIN PREPAY STATION



For wall mounting. Price, complete, as shown,

#### **Quick Service**

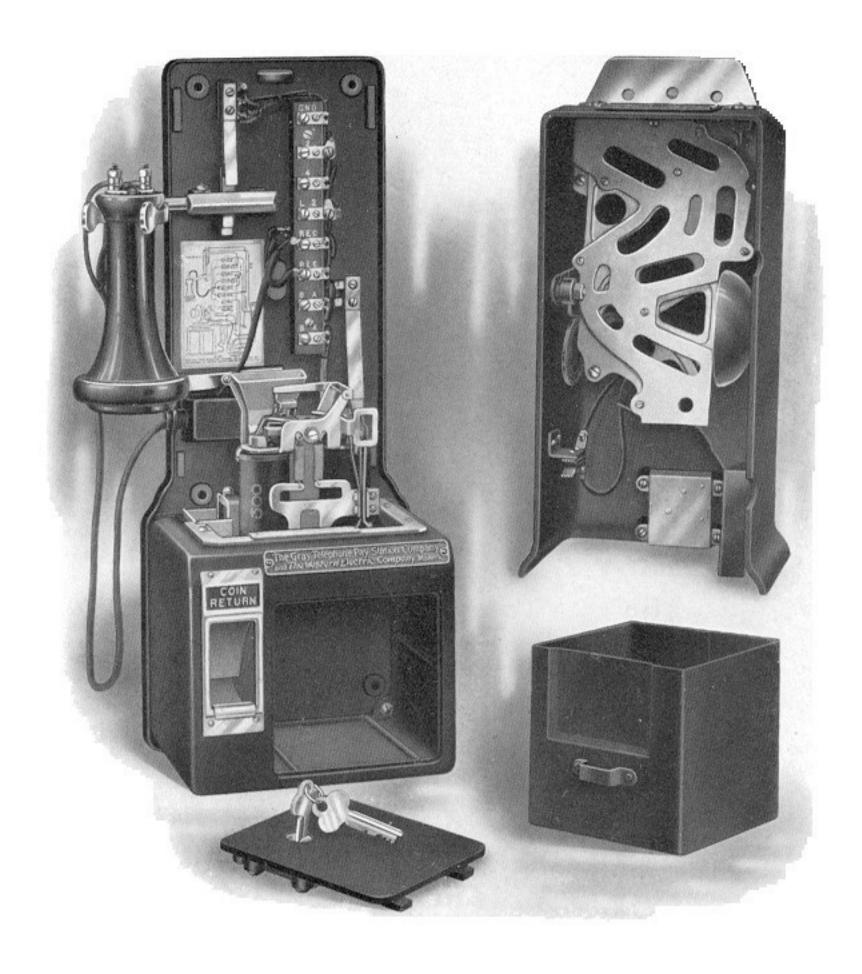
TRAFFIC managers will appreciate the fact that the multi-coin prepay station removes the chance of contesting toll line charges in that it requires the deposit of the proper amount before the line is built up; it also prevents the called subscriber being held at the 'phone, as is the case with the older methods wherein the operator collects the money after the line has been built up and the called party reached.

#### Operation

THE first coin of any of the denominations for which the Station is arranged, when dropped into the proper slot, will trip a lever, causing the line switch to make contact, which lights the operator's signal lamp and gives the operator control of the coin suspension device through the electro-magnet, and as this magnet is polarized, the operator can deposit or refund at will the coins held in the coin suspension device.

A coin deposited in any slot other than of the denomination for which the slot is marked will automatically return to its patron.

Number 50-A MULTI-COIN PREPAY STATION



Detail view, showing construction

#### Description

THE prepay multi-coin station is of plain, simple design. It has deposit slots for nickels, dimes and quarters.

The signals are of the Gray code and are sounded automatically by the coins as they travel the runway which leads to the coin suspension device where all coins are temporarily retained.

The capacity of the coin suspension device is ten nickels, twenty dimes, or ten quarters.

The size of the coin tray is sixty cubic inches.

The money drawer is provided with an alarm switch which is operated by the plunger of the lock in the coin compartment door, and can be wired in the circuit with a local buzzer or bell to detect unauthorized persons attempting to remove the contents of the box.

This station is very attractive in appearance, the surface is highly finished in black japan with all trimmings nickel-plated.

DIMENSIONS: 7 inches wide x 6 inches deep, height 19 inch

#### Number 50-A MULTI-COIN PREPAY STATION



Furnished in solid bronze.

Made especially for Pennsylvania Railroad station, New York City

#### Number 102 UNIVERSAL TYPE PAY STATION

For either post-pay or prepayment service

POR general pay station purposes this is the acme of perfection. It should appeal strongly to those companies who now operate post-pay but who will eventually change to prepayment service. This station should also find a ready adoption by telephone companies who will operate their Metropolitan exchanges prepay and their smaller exchanges post-payment. The fact that this station is convertible for either use should afford a large saving to operating companies in reserve stock equipment.

This station is the same as the No. 50-A excepting in place of the electrical prepay unit, they are regularly furnished with our coin conductor unit which provides for the operation of the station in post-payment service. (Call Central in the usual way; do not deposit any money until told to do so by operator).

The fact that this station affords for post-pay service all the improvements incorporated in the prepay which were made from a thorough and systematic study and do meet present-day requirements is a factor worthy of consideration.

Number 102 Multi-Coin Universal Type Pay Station



For wall mounting. Price, complete as shown,

Number 102 Universal Type Pay Station — Continued

In this station will be found the large money drawer, burglar alarm connection in cash box, the divided housing allowing for inspection and repairs without access to the cash compartment; also the coin return feature wherein money dropped into the wrong slot by mistake will return to the user. All the usual connections and switchhook, are included, this station only requiring the transmitter, receiver and bell box to complete the installation.

#### Convertible

By changing the units and direction cards in these stations, they can be made to operate on post-pay or prepayment service.

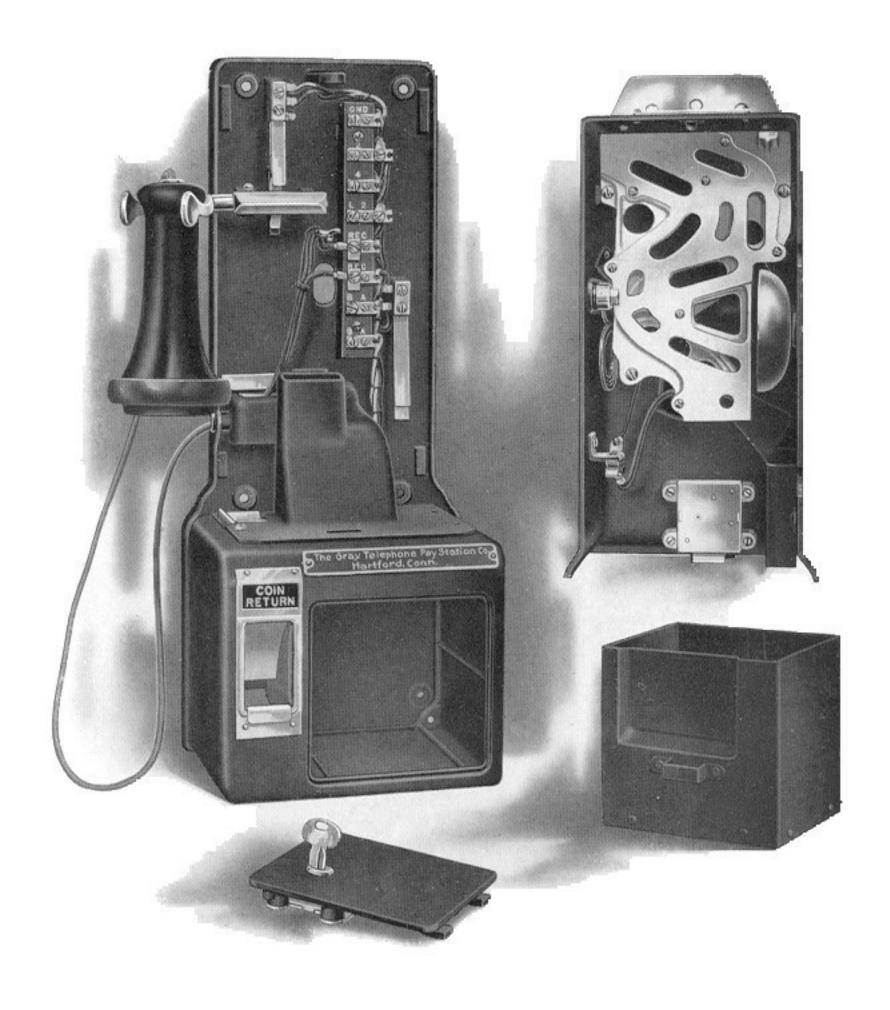
This change can be accomplished by the removal of three screws and requires but a few minutes' time to accomplish.

16 00

Price |

For shelf mounting see page 13.

Number 102 Multi-Coin Universal Type Pay Station



Detai view showing arrangement used for post-payment service

Number 23-D COMPACT TYPE PUBLIC STATION

THIS station is very compact and neat in appearance. It includes the complete mountings for the transmitter; also the switch-hook and usual connections. Their installation not only proves a decided advance in appearance over the old method of attaching a station to the telephone which was never designed for such service, but they further afford a substantial saving to the operating company by dispensing entirely with the regular telephone set. All that is required with this station is the usual bell box. The universal mounting plate on these stations allows for either wall or shelf attachment.

The top-box is hinged to the lower part of the housing and when unlocked swings forward, thus allowing for inspection and repairs without unlocking the cash drawer. The inspector and repairmen are confined to the upper compartment while the collector only has access to the cash drawer.

Price /

Coin rejector 50c. extra.

When the coin rejector is furnished, coins deposited in the wrong slot by mistake, automatically return to the patron through the rejector pocket.

DIMENSIONS: 10½ inches high x 6 inches wide x 4½ inches detal

#### Number 23-D MULTI-COIN POST-PAYMENT STATION



Price, complete as shown,

#### Number 23-C COMPACT HOTEL TYPE

THIS station was designed especially for use in the guests' rooms of hotels. When so installed it not only performs all the functions of the regular phone as to the usual incoming business, special morning wake-up calls and intercommunicating service, but they further provide for the collection of toll charges through the private branch exchange operator, thus dispensing with writing tickets and the bookkeeping accounts which are necessary with the older methods. Hotels having these stations find they not only save time in presenting the departing guest his bill, but also prevent disputes and ill feeling.

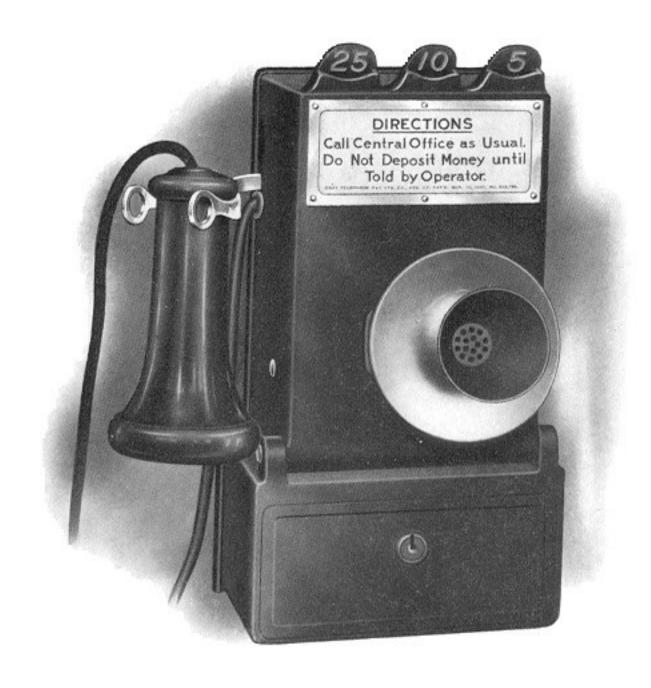
Price /8 00

These stations are compact and attractive. They are equipped with complete swivel for mounting the transmitter and include the switch-hook and complete terminal block. The transmitter connections are furnished and are flexible concealed type.

The top-box is hinged to the lower part of the housing and when unlocked swings forward, thus allowing for inspection of the electrical and mechanical parts without opening the cash drawer or disconnecting any of the wiring.

DIMENSIONS: 101/2 inches high x 6 inches wide x 31/4 inches de

#### Number 23-C MULTI-COIN POST-PAYMENT STATION



Price, complete as shown,

18 00

#### Number 23 WASHINGTON MODE

THIS station is intended to mount on the front of a wall-type telephone set in the same manner as our No. 23-B shown on page 31.

The top-box is hinged to the lower part of the housing and when unlocked swings forward, thus allowing for inspection and repairs without unlocking the cash drawer. The inspector and repairmen are confined entirely to the upper compartment, while the collector only has access to the cash drawer, each requiring a different key.

We furnish a complete swivel on the front of these stations to mount the transmitter.

Price /6 53

Coin rejector extra.

When the coin rejector is furnished, coins deposited in the wrong slot by mistake, automatically return to the patron through the rejector pocket.

DIMENSIONS: 101/2 inches high x 6 inches wide x 31/4 inches

#### Number 23 MULTI-COIN POST-PAYMENT STATION



Price, complete as shown,

1650

Number 23-B WASHINGTON MODEL
Extra Large Money Compartment

THIS station mounts directly on the telephone set and is equipped with a complete swivel to carry the transmitter. The money compartment is of large proportions. The top-box is hinged to the lower part of the housing and when unlocked swings forward, thus allowing for inspection or repairs without unlocking the cash drawer.

The inspector and repairmen are confined entirely to the upper compartment, while the collector only has access to the cash drawer, each requiring a different key.

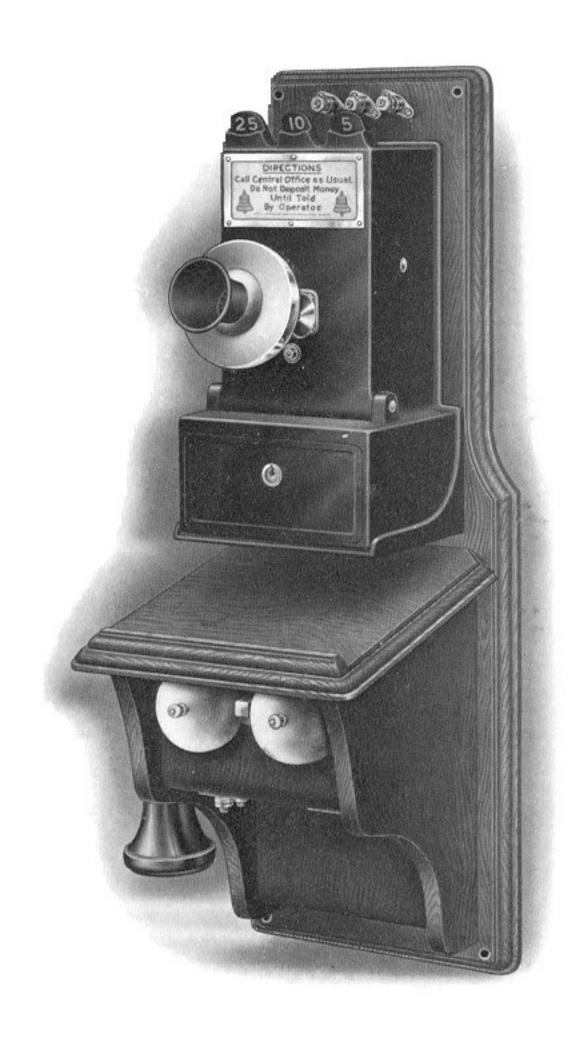
Price 1700

Coin rejector 50c. extra.

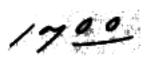
When coin rejector is furnished, coins deposited in the wrong slot by mistake automatically return to the patron through the rejector pocket.

DIMENSIONS: 101/2 inches high x 6 inches wide x 41/4 inches

#### Number 23-B MULTI-COIN POST-PAYMENT STATION



Price, complete as shown,



#### Number 23-A WASHINGTON MODE

THIS station is intended to fasten to a shelf, making a very convenient arrangement for booth service. By unscrewing the clamps, the desk set can be removed without disturbing the pay station. The top-box is hinged to the lower part of the housing, and when unlocked swings forward, thus allowing for inspection and repairs without unlocking the cash drawer. The inspector and repairmen are confined entirely to the upper compartment while the collector only has access to the money drawer, each requiring a different key. We furnish complete mounting plate and arms with each station.

**Price** 

1700

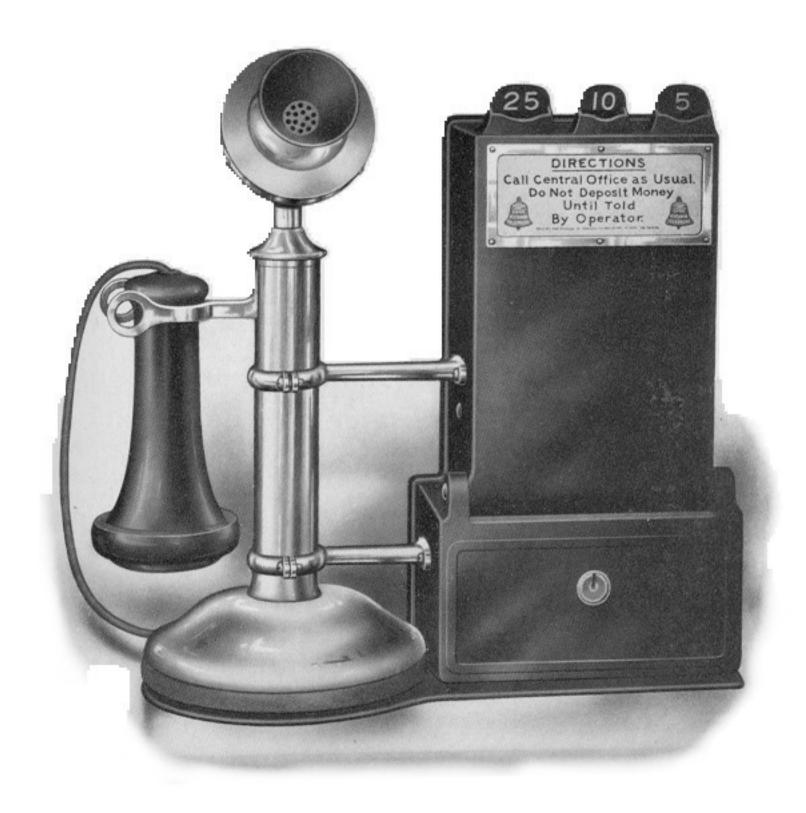
Coin rejector 50c. extra.

When the coin rejector is furnished, coins deposited in the wrong slot by mistake, automatically return to the patron through the rejector pocket.

In ordering 23-A Pay Station, state what type desk stand is to be used that we may furnish fittings accordingly.

DIMENSIONS: 101/2 inches high x 6 inches wide x 31/4 inches 100

#### Number 23-A MULTI-COIN POST-PAYMENT STATION



Price, complete as shown,

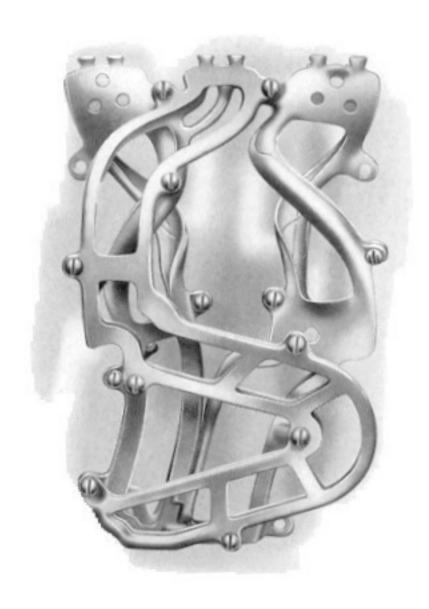
1700

#### Gray Portable Type Pay Stations

IN the supplying of telephone service with coin collectors attached, especially of the portable type, it is of the utmost importance that due consideration be given the fact that the user in holding the telephone receiver has the free use of but one hand to manipulate the coin collector, and to compel the performance of any function other than to deposit the coin in the slot is impracticable. The coin collector not being rigidly mounted, any attempt to compel the working of levers or push slides that might be attached to same would naturally tip over the coin collector, proving not only unsatisfactory to the user, but it would also bring a very high maintenance from the breakage resulting from same.

With Gray Pay Stations, no levers to push or pull, the user simply drops in the coin, making them particularly adapted to portable service.

Much Thought and Study is Given to the Development of Our Apparatus



#### Our Spiral Coin Chute

THE Spiral Coin Chute used in our portable stations prevents the operating of signals with pennies or the shaking out of the money, as they afford a four-way ejector and work automatically no matter what angle the station may be tilted on. They are reliable under every and all conditions

Here we utilize the principle of gravity and centrifugal force

The Number 24 Portable Pay Station, Compact Type Has slots for nickels, dimes and quarters

> THIS station is particularly well adapted for private branch exchange service. It was designed especially for the Wanamaker department store in Philadelphia where two thousand of our stations are now in service. This is the largest installation of its kind in the world. These stations are made of aluminum and are very light in weight. All the contacts, switch-hook and transmitter swivel are mounted on the backplate and are included with the station. The removable back allows for inspection and repairs without unlocking the cash drawer. The inspector's key opens the back while the collector only controls the money drawer. The locks are entirely different and require special keys. These stations present a very attractive appearance.

1800 **Price** 

No. 21 is the same in all respects as our No. 24, but is furnished in iron in place of aluminum. 16 50

Price

These stations can be had equipped with No. 28-A ringer at an additional cost of \$1.00 each.

DIMENSIONS: 15 inches high x 4½ inches wide x 4¼ inches

#### Number 24 MULTI-COIN PORTABLE STATION



Price, complete as shown,



The Number 14 PORTABLE PAY STATION

Has slots for nickels, dimes and quarters

THIS is the first portable pay station ever produced designed especially for use in the Frick Building at Pittsburg. Soon after its appearance a demand arose for this type station, and we have furnished thousands of them yearly, shipping them to all parts of the country. They are so arranged that by unlocking the back, inspection and repairs can be made without unlocking the cash drawer. They contain our spiral chute and are unbeatable. They are especially attractive in appearance and of a well-balanced design.

Price 1450

In ordering No. 14 Pay Stations, state what type and make desk set is used and we will furnish fittings accordingly.

DIMENSIONS: 11 inches high x 4½ inches wide x 3¼ inches

#### Number 14 MULTI-COIN PORTABLE STATION



Price, complete as shown,

1400

#### SINGLE-SLOT PORTABLE TYPE PAY STATIONS

Has one slot only

POR supplying service at tables in hotels, restaurants and similar places, these stations are very popular.

They are arranged to clamp to the regular desk set telephone. The cash drawer sets flush with the front of housing. They are furnished in black Japan with trimmings nickel-plated, making a very attractive piece of apparatus.

Number 13-A

Nickels only

Price

125

Dimensions:  $9\frac{1}{2}$  inches high x  $3\frac{1}{2}$  inches wide x  $3\frac{1}{4}$  inches deep.

Number 28-A

Dimes only

Price

1000

Dimensions: 10 inches high x  $4\frac{1}{2}$  inches wide x  $3\frac{1}{2}$  inches deep.

#### SINGLE-SLOT PORTABLE STATIONS



Number 13-A
Nickels only
Price

725



Number 22 WESTERN MODEL ONE-SLOT PAY STATION

THESE stations are particularly well adapted for private or party line residential service. They mount directly to the back-board and include a complete swivel to mount the transmitter on. The housing is divided into two separate compartments, the upper containing the coin mechanism and usual connections, while the lower protects the cash box.

Inspection and repairs can be made without unlocking the cash drawer or disconnecting any wires. The inspector and repairmen are confined entirely to the upper compartment while the collector has the lower. Each requires a different key.

Price

The drawer front sets flush with the front of the case and has large coin capacity. These stations are highly finished in black Japan with nickel-plated trimmings and present a very attractive appearance.

#### Number 22 WESTERN MODEL ONE-SLOT PAY STATION

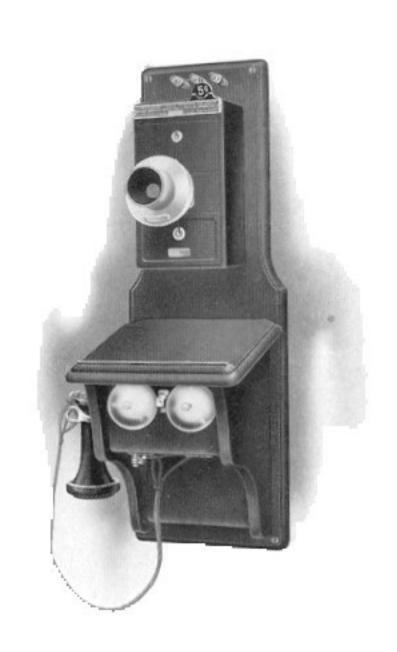
For nickels only



**Price** 

650

This illustration shows Number 22 mounted



Number 8-A NEW MODEL ONE-SLOT PAY STATION
For nickels only

THIS station is a local toll collector, of extra heavy castings. The money drawer sets flush with the front of case and has large coin capacity.

The automatic feature should appeal to all, no electrical connections required and the signals being sounded without requiring the user to pull levers or buttons, affords the most rapid and satisfactory service with the lowest possible maintenance.

These stations can be mounted directly on the backboard by setting the transmitter arm to one side or they may be attached with plates as shown on opposite page. The latter method we recommend.

Price Mounting plates cts.

This station will always be furnished without plates unless otherwise specified. If mounting plate is desired please state what type wall set is used.

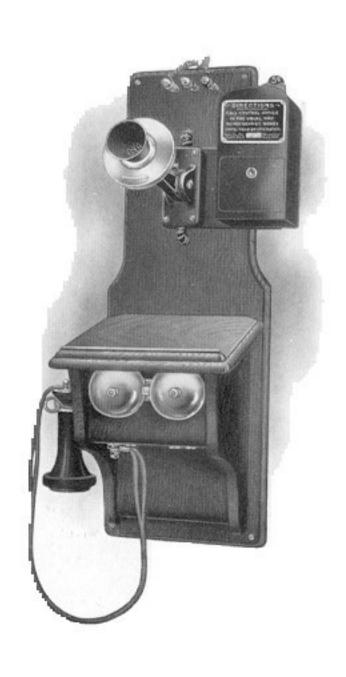
# Number 8-A NEW MODEL ONE-SLOT PAY STATION For nickels only



Price

4 75

This illustration shows Number 8-A mounted



Number 28 ST. LOUIS MODEL ONE-SLOT PAY STATION

THIS station was designed for service in St. Louis. It is made of extra heavy castings. The money drawer sets flush with front of case and has large coin capacity. It attaches to the regular wall type telephone set by means of a mounting plate, which is included with the station. This is a very durable and practical piece of equipment, finished in black Japan with nickel direction plate, making a very attractive appearance.

Price

The automatic feature in our stations should appeal to all, the fact that signals are sounded without requiring the user to pull levers or buttons, affords the most rapid and satisfactory service with the lowest possible maintenance cost.

DIMENSIONS: 9 inches high x 4% inches wide x 3% inches dee

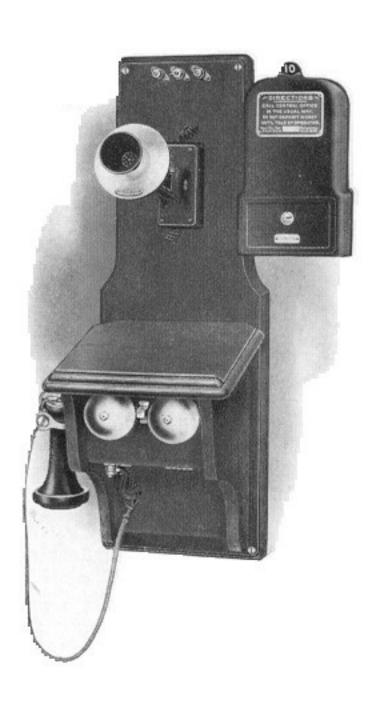
# Number 28 ST. LOUIS MODEL ONE-SLOT PAY STATION



**Price** 

120

This illustration shows Number 28 mounted



#### THE SHIELD TYPE PAY STATION

Adopted by the National Interstate Convention. The Shield is the standard pay station sign

THIS pay station is especially recommended to independent telephone companies, as it not only serves for the use it is intended but has a distinctive advertising feature as well.

They are finished in red, white and blue enamel, and present a striking appearance.

Number 10-A pay station attaches directly to the backboard and includes a complete swivel for the transmitter.

Price

1/24

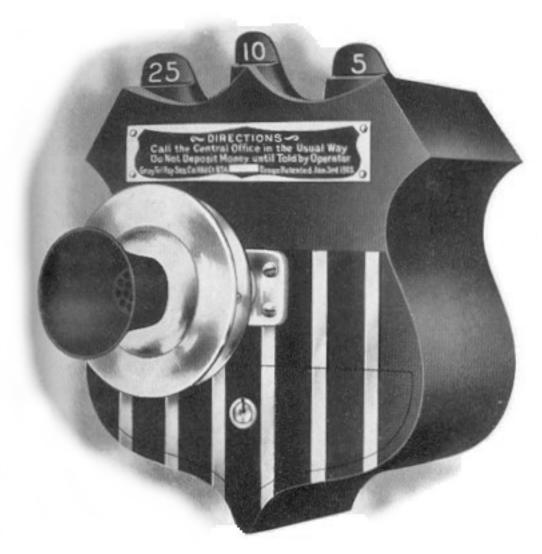
Number 10 pay station attaches to the right of the telephone set by means of a mounting plate which is included with each station.

**Price** 

11 24

DIMENSIONS: 81/2 inches high x 6% inches wide x 31/4 inches

#### THE SHIELD TYPE PAY STATION



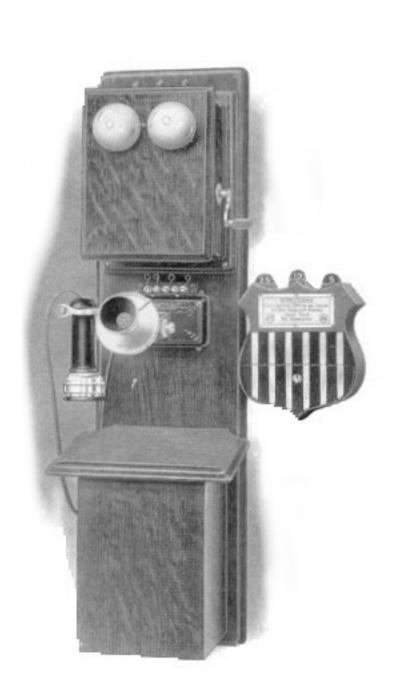
Number 10-A Pay Station

With Swivel for Transmitter
Price

Number 10 Pay Station

With Mounting Plate
Price

1120-



# Number 7 PAY STATION WALL TYPE

THIS is one of the most popular three-slot stations we make. They are in service by some of the largest telephone companies in the country. In the cities of Boston, Massachusetts, and Pittsburgh, Pennsylvania, over 30,000 of the number 7 type are in use.

They are intended to mount on the front of the regular wall type telephone and are drilled to take any transmitter arm specified.

The parts in these stations are all interchangeable and the workmanship and finish of the highest order.

Price

We can furnish this station equipped with transmitter arm at an extra cost of 50c.

No. 7-A is the same as No. 7 but has an extra large money drawer.

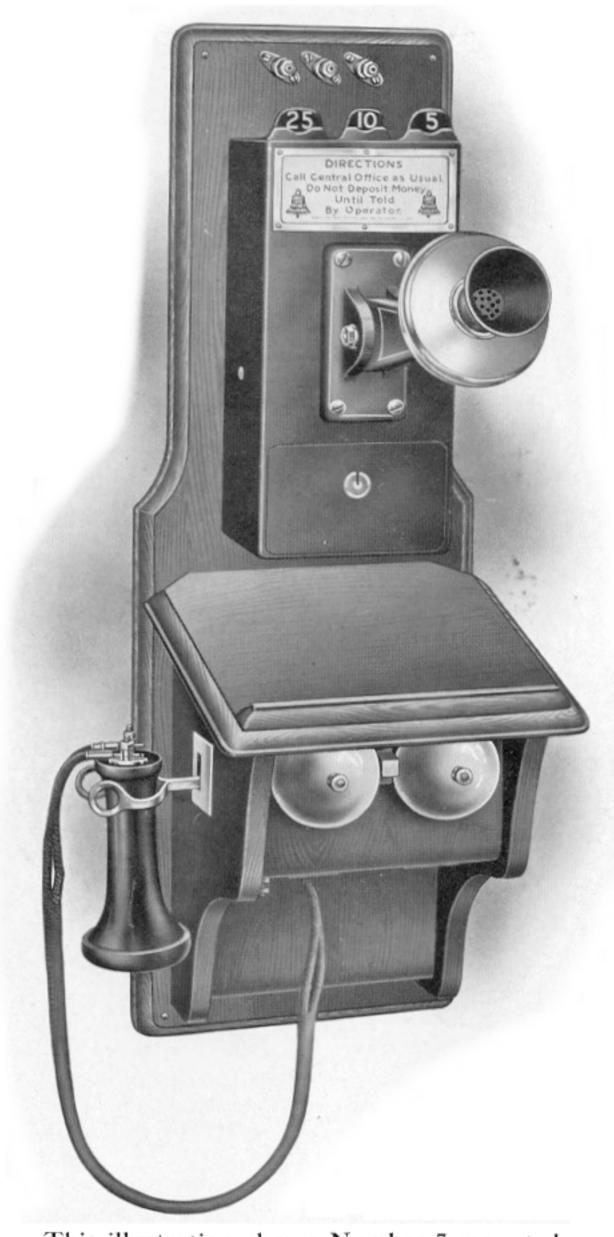
Price

1100

DIMENSIONS: 9 inches high x 41/2 inches wide x 3 inches

each.

Number 7 PAY STATION WALL TYPE



This illustration shows Number 7 mounted

Number 27 Pay Station Boston Model, Wall Type Has slots for nickels, dimes and quarters Extra large money drawer

DESIGNED especially for The New England Telephone & Telegraph Company.

Made only to order.

This station is the same as our number seven with the exception of the money drawer, which is of extra large capacity.

They are intended for use in places where the traffic is heavy.

Their installation allows for a uniform collection from such points with the other regular pay stations.

Price

1140

This station when used with the W. E. Co.'s number 85 set requires a special back-board.

DIMENSIONS: 121/2 inches high x 4% inches wide x 31/8 inches deep

Number 27 Pay Station Boston Model, Wall Type



Price, complete as shown,

1140

Number 11 PAY STATION FOR SIDE MOUNTING

THIS station is designed to attach to any regular wall type telephone set in present use. They are connected to the telephone by means of a mounting plate, which is included with the station.

#### **Price**

Directions for mounting number 11 pay station:

Remove the screw from the lower left-hand corner of transmitter arm. Insert a three-sixteenths inch drill in the screw hole and drill through the back-board. Insert from the front of the telephone set the long machine screw furnished with the pay station, and screw it up firmly into the tapped hole in the mounting plate. This long screw forms a conductor for the signals. From the back of the mounting plate insert flathead wood screw, using any of the screw holes best adapted for the wall set used. The four washers should be used on the back of the corners of the back-board to level up the telephone.

No. 11-A is the same as No. 11, but has an extra large money drawer.

**Price** 

1000

DIMENSIONS: 9 inches high x 41/2 inches wide x 3 inches deep

#### NUMBER 11 PAY STATION FOR SIDE MOUNTING



Price

Number 18 Pay Station With Front Transmitter Mount

THIS station dispenses with the use of a regular transmitter arm, a complete swivel being included for mounting the transmitter.

These stations mounting as they do on the center of the regular telephone set make a very good arrangement.

Finished in black japan with nickel-plated trimmings, presenting a very neat appearance.

Price 10 50

Number 18-A is the same as No. 18 but has extra large money drawer.

Price // 42

DIMENSIONS: 11 inches high x 41/2 inches wide x 31/4 inches deep

#### Number 18 Pay Station With Front Transmitter Mount



Number 20 PAY STATION SHELF TYPE

THIS station is intended to fasten to a shelf, making a very convenient arrangement for use in booths.

Complete mounting plates and arms are included with each station.

By unscrewing the arms, the desk set can be removed for inspection without disturbing the pay station.

All parts used in the manufacture of these stations are interchangeable.

They are finished in black japan with nickel trimmings and present a very fine appearance.

Price /3 21-

In ordering the number 20 pay station state what make and type desk stand is to be used and we will furnish fittings accordingly.

DIMENSIONS: 10% inches high x 4% inches wide x 3% inches deep

#### Number 20 PAY STATION SHELF TYPE



Price /3 75

#### GRAY PAY STATIONS ON AUTOMATIC SYSTEMS

TE furnish our stations for use on automatic telephone systems. When so installed they require the toll operator's supervision as in manually operated exchanges.

In most cases where our stations are used on automatic systems, they are equipped with manual telephone equipment. Some companies, however, prefer to use the regular automatic telephone sets in order to maintain the identity of their apparatus.

The following automatic companies Gray Pay Stations:

Auburn, Maine Columbus, Ohio Portland, Maine Fall River, Mass. Grand Rapids, Mich. Lewiston, Maine Los Angeles, Cal.

New Bedford, Mass. Portland, Oregon Wilmington, Del. Westerly, R. I.

And many smaller companies.

Gray Pay Stations are especially well adapted for use with automatic telephones. The user has simply to drop the coin in the No levers or buttons to operate, thereby eliminating all chance of confusion in the proper manipulation of the regular calling dial.

For hotels, central office buildings, clubs, stores, and places of a like character

#### GRAY PAY STATIONS ON AUTOMATIC SYSTEMS



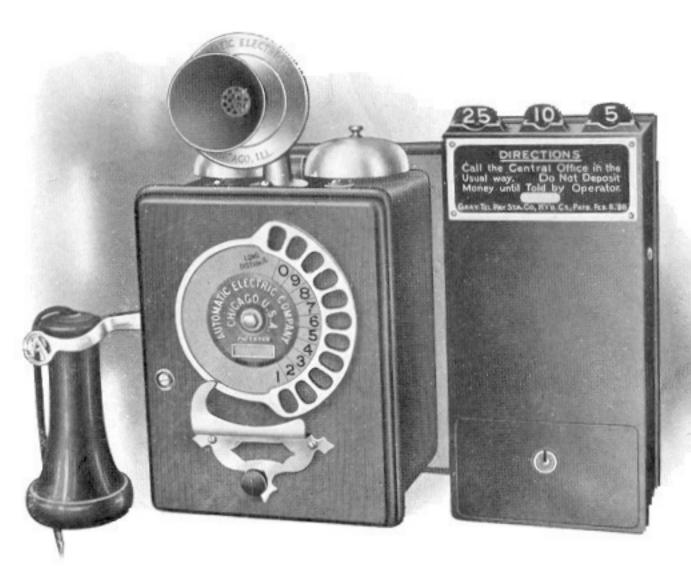
This Number 101 station can be fastened to a shelf in booth, making a very compact arrangement, or it can be used portable for show-case service.

Number 101 Pay Station Price

The Number 100 is attach- ed to the wall type telephone by means of a plate, which is included with each station

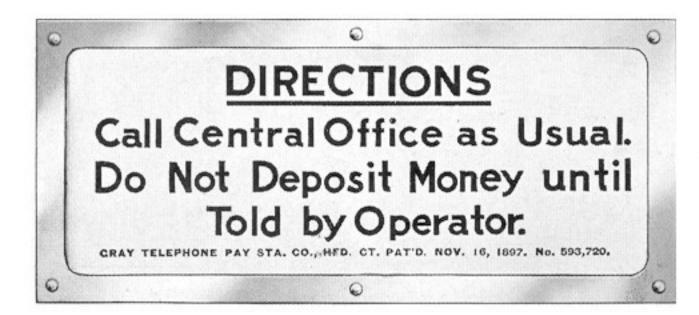
Number 100 Pay Station Price





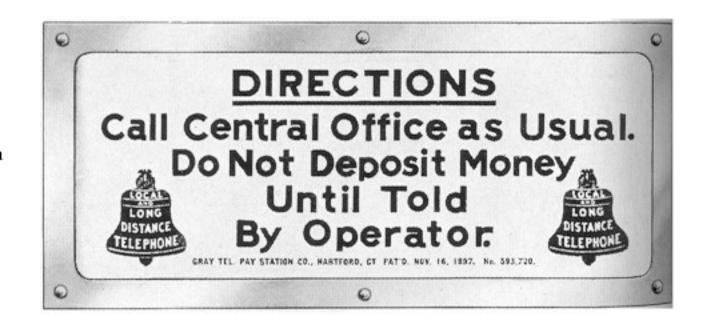
#### DIRECTION CARDS

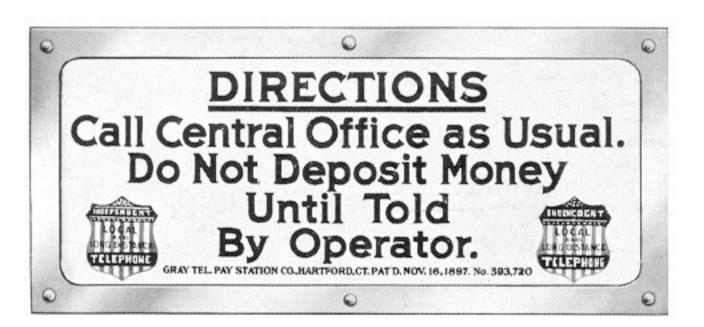
We furnish our multi-coin post-pay stations with direction cards as follows:



Number One: Plain, one color

Number Two: Composition in black, with bells in blue.





Number Three: Composition in black, with shield in red, white and blue.

DIMENSIONS: Scale % Size

### CABINET PAY STATIONS

THE cabinet type pay stations illustrated and described in the following pages are especially well adapted for use in depots, hotels, central office buildings and places where a general long distance toll line business is to be had. The fact that our cabinet type pay stations have coin slots from a nickel up to and including the dollar, their installation fully provides for future growth in long distance toll line service collections.

We furnish these cabinets in various woods and finishes to harmonize with the surroundings.

The material, finish and construction are of the best to be had.

The cash compartment in these stations are of semi-steel, lined with cold-rolled sheet steel, affording absolute security. They are equipped with registered pintumbler locks with a capacity of 20,000 different changes.

Number 1 WALL CABINET AUTOMATIC Has slots for nickels, dimes quarters, half-dollars and dollars

FOR first-class hotels, central offices, public stations, or places of similar character where seating facilities are not required.

Price

Does not include bell box, transmitter, receiver or cord.

These stations are furnished in quartered oak, cherry or mahogany, and will always be supplied in oak, unless otherwise specified.

They are equipped with hollow transmitter arm, thus allowing for concealed wires.

All trimmings are highly finished in black japan and nickel-plated surfaces.

Floor space required, 13½ inches wide x 10½ inches deep, height, 74 inches.

This station is adapted for common battery or magneto system; has space for batteries

#### NUMBER 1 WALL CABINET AUTOMATIC



Number 2 WALL SET AUTOMATIC
Has slots for nickels, dimes, quarters, half-dollars and dollars

FOR country hotels, stores, depots, and places of similar character, where the amount of business or the character of the surroundings will not warrant a more expensive station.

#### **Price**

Does not include magneto, transmitter, receiver or cord.

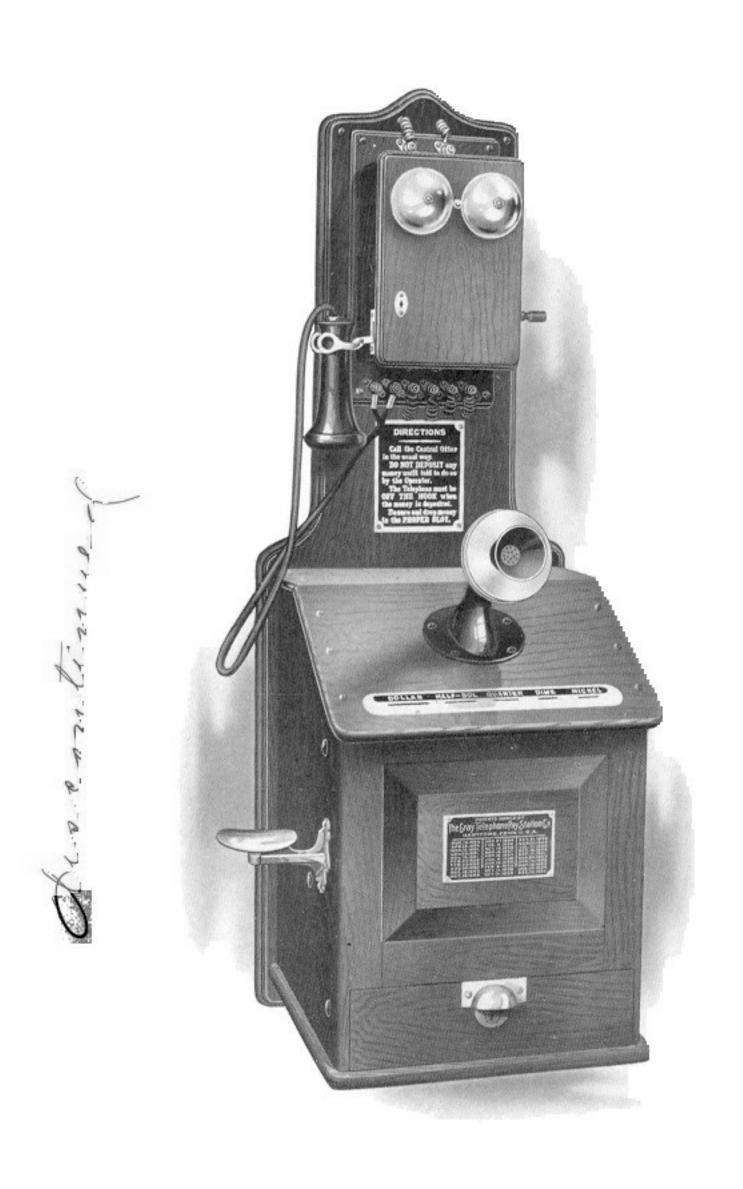
These stations are very compact and neat in appearance. They are furnished in black walnut only. All trimmings are highly finished in black japan and nickel-plated surfaces.

Batteries can be inspected and renewals made without unlocking the cash drawer or disturbing any of the wiring.

Dimensions: 14 inches wide x 11 inches deep, 37 inches high.

This machine has space for four batteries and adapted for magneto system only

# Number 2 WALL SET AUTOMATIC



Number 3 WALL CABINET AUTOMATIC

FOR city stores, office buildings, clubs or ordinary places of similar character, where the amount of business or space available will not permit of a larger or more expensive station.

Price

4000

Does not include bell box, transmitter head, receiver or cord.

These stations are furnished in black walnut, cherry or quartered oak, and will always be supplied in walnut, unless otherwise specified.

Dimensions: 141/4 inches wide x 9 inches deep, height, 38 inches.

All trimmings finely finished and nickeled.

Where the booth or surrounding furnishings are of oak or light finish, we recommend the stations to be ordered in quartered oak, to harmonize.

# Number 3 WALL CABINET AUTOMATIC



Number 4 DESK SET AUTOMATIC

FOR first-class hotels, office buildings, clubs, central office, public stations, and places of similar character, where seating facilities are required.

Price 3

Does not include bell box, transmitter, receiver or cord.

These stations are furnished in quartered oak, cherry or mahogany, and will always be supplied in oak, unless otherwise specified.

The top is laminated construction. The transmitter arm is hollow, allowing for concealed wiring. All trimmings are highly finished in black japan and nickel-plated surfaces.

Dimensions: Floor space required, 25½ inches wide x 17 inches deep, height, 56 inches.

The material and finish of this station are of the very best, but it is not so highly ornamented as No. 5.

Machine is adapted for either common battery or magneto systems; has battery space

Number 4 DESK SET AUTOMATIC



Number 5 AUTOMATIC DESK SET Has slots for nickels, dimes, quarters, half-dollars and dollars

POR the highest class hotels and expensively furnished clubs, where the surroundings are of the highest character, and there is no restriction on the space available.

Price 4000

Does not include bell box, transmitter, receiver or cord.

Furnished in the finest quality selected quartered oak, dark finish only.

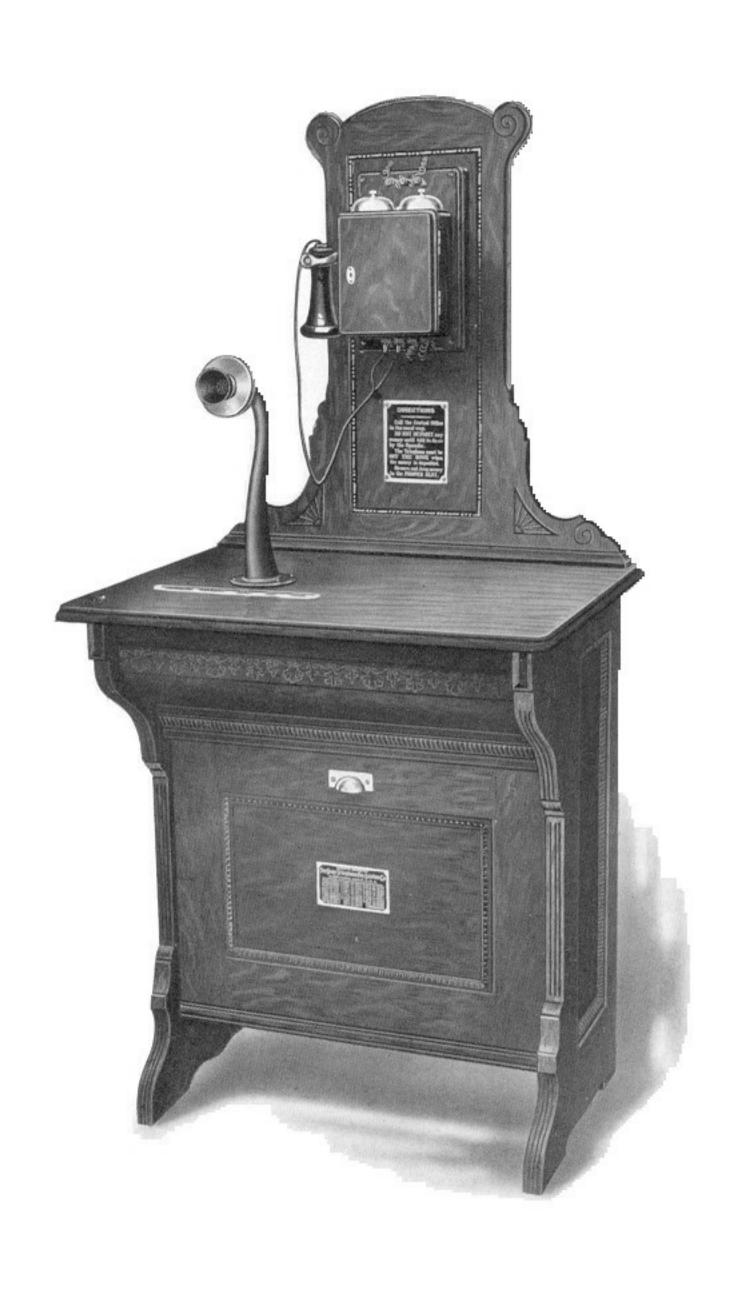
The top is of laminated construction. The transmitter arm is hollow, allowing for concealed wiring.

All trimmings are highly finished in black japan and nickel-plated surfaces.

Dimensions: Floor space required, 27 inches wide x 20 inches deep, height, 57 inches.

This station is the finest made and is adapted to common battery or magneto systems

Number 5 AUTOMATIC DESK SET



# Number 6 WALL SET AUTOMATIC

FOR city or country pay stations where the demand is for a station of three slot capacity, with large money drawer, etc.

#### Price

Does not include bell box, transmitter, receiver or cord.

Furnished in the finest quality selected quartered oak, dark finish only.

All trimmings are in black japan and nickel-plated surfaces.

This station is so arranged that coins dropped in the wrong slot by mistake will automatically return to the user.

Dimensions: 9½ inches wide x 8½ inches deep, height, 35 inches.

### Number 6 WALL SET AUTOMATIC



Aronnetine 4

Number 19 WALL SET AUTOMATIC Has slots for nickels, dimes, quarters and half-dollars only

FOR hotels, office buildings, clubs, stores, and places of a like character, where the dollar slot is not desired.

#### **Price**

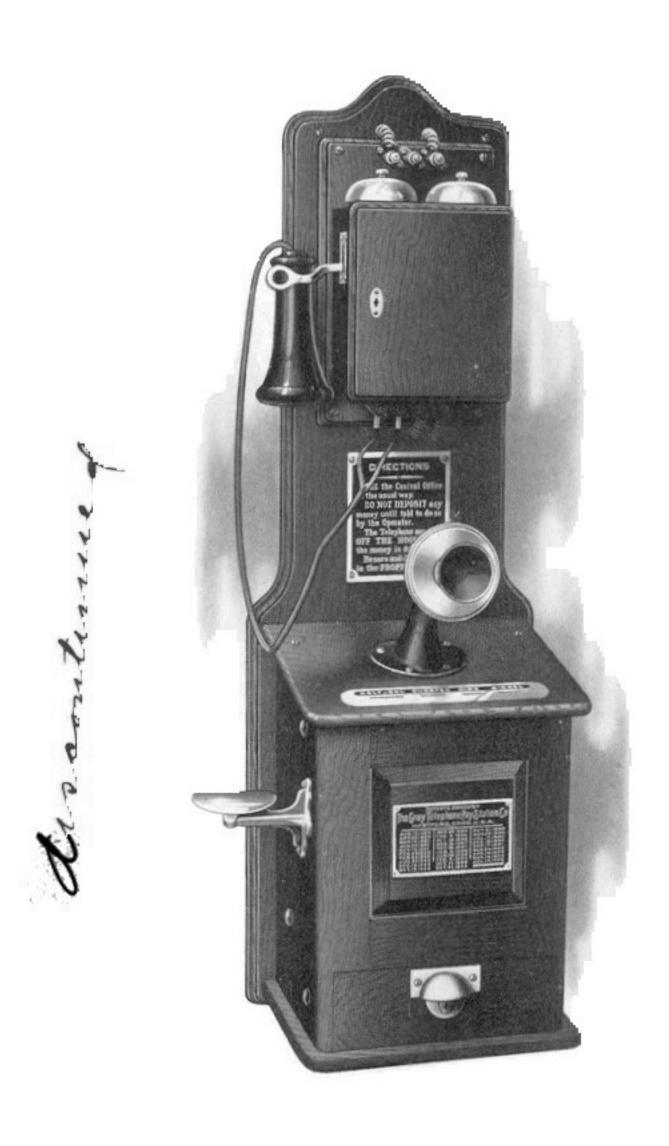
Does not include bell box, transmitter, receiver or cord.

This pay station is very compact and durable. Furnished in black walnut only.

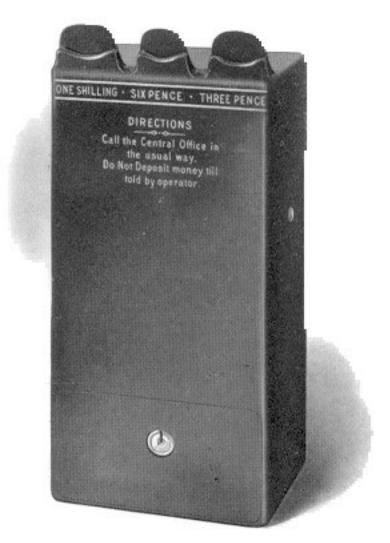
All trimmings are highly finished in black japan and nickel-plated surfaces.

DIMENSIONS: 111/2 inches wide x 81/2 inches deep, height 35 inches

### Number 19 WALL SET AUTOMATIC



### PAY STATIONS FOR FOREIGN COINS



Our pay stations when arranged to operate with foreign coins are made only to order.

We are prepared to furnish anything in the way of size, form or number of slots required.

Gray Pay Stations are now in use in many of the foreign cities of the world.



Estimates furnished on application

# STREET CORNER PAY STATIONS

THE Gray Street Corner Pay Station has proven beyond all doubt both practical and a public necessity. Their installation in public parks, drives and residential districts where there are no stores for the usual location of pay stations have shown by the amount of money they collect that there is a demand for this type of pay station.

Street corners with the pay station installed appeal to many telephone users who object to going to the cafe or cigar store where regular pay stations are often located.

Our street stations are in use in the following cities:

Atlanta, Ga.
Buffalo, N. Y.
Bridgeport, Conn.
Boston, Mass.
Birmingham, Ala.
Cleveland, Ohio
Cincinnati, Ohio
Columbus, Ga.
Dayton, Ohio
Detroit, Mich.
Elmira, N. Y.
Evansville, Ind.
Kansas City, Mo.

Mobile, Ala.
Memphis, Tenn.
Milwaukee, Wis.
Norfolk, Va.
Nashville, Tenn.
New Orleans, La.
Nantucket, Mass.
Ogden, Utah
Pensacola, Fla.
Philadelphia, Pa.
Richmond, Va.
Savannah, Ga.
Utica, N. Y.

### Number 15 STREET CORNER PAY STATION

Has slots for nickels, dimes and quarters

FURNISHED in finest grade of Scotch iron; finished with weather-proof aluminum paint, making a very attractive and profitable station. They include the compact type of coin collector, together with all the usual telephone parts and connections, requiring only the transmitter and receiver to complete the installation. Post extends into the ground three feet and has openings to take wires from two sides.

#### **Price**

Dimensions: Box, 17½ inches high by 14 inches wide by 11 inches deep.

Weight complete: About two hundred pounds.

With the street station, telephone companies derive a revenue from the public which otherwise would be entirely lost.

As an advertising feature, especially where there is telephone competition, the street phone is unsurpassed. They also pay for themselves in a short time.

What other mode of advertising will do as well?

For common battery systems only. Can be had with either bell or shield emblems

### Number 15 STREET CORNER PAY STATION



These stations should be located convenient to the regular electric light. The directory hangs inside the door. You simply drop in the coin when told by Central.

# Number 15 STREET CORNER PAY STATION

THIS station is the same as the number fifteen, but does not have the post. They are mounted on the regular telephone pole or building.

#### **Price**

Dimensions: Box, 17½ inches high by 14 inches wide by 11 inches deep.

Weight complete: About one hundred pounds.

Public drives having street-corner pay stations have proven very convenient to persons, especially automobilists who have occasion to communicate with home or garage.

In case of fire, especially at night, these stations are of the utmost value. You simply go to the nearest street phone and report to fire headquarters direct. All calls for Fire, Police or Hospital are made free. Think of the possibilities of these phones in saving life and property. They are certainly a public necessity.

For common battery systems only. Can be had with either shield or bell emplems

### Number 16 STREET CORNER PAY STATION



Mounted on telephone pole in suburban district. The street station is much used by that class of people who will not sign a regular telephone service contract.

### IRON TELEPHONE BOXES AND POSTS

FOR street railways, police and special requirements. We are prepared to furnish the trade anything required in the line of waterproof iron boxes fitted with locks for furnishing telephone service to those having keys only. These boxes are so designed that the door and its supporting frame are made separate from the box, thus allowing for renewal, all parts being interchangeable. The door is fitted with our patent gravity hinges and is self-closing without the use of springs. We can furnish these boxes to mount on pole or building, or they can be had with post. Any special lettering or design to order.

#### Price of box complete

Weight of box about 80 pounds.

Dimensions: 17½ inches high x 14 inches wide x 11 inches deep.

#### Price of Post

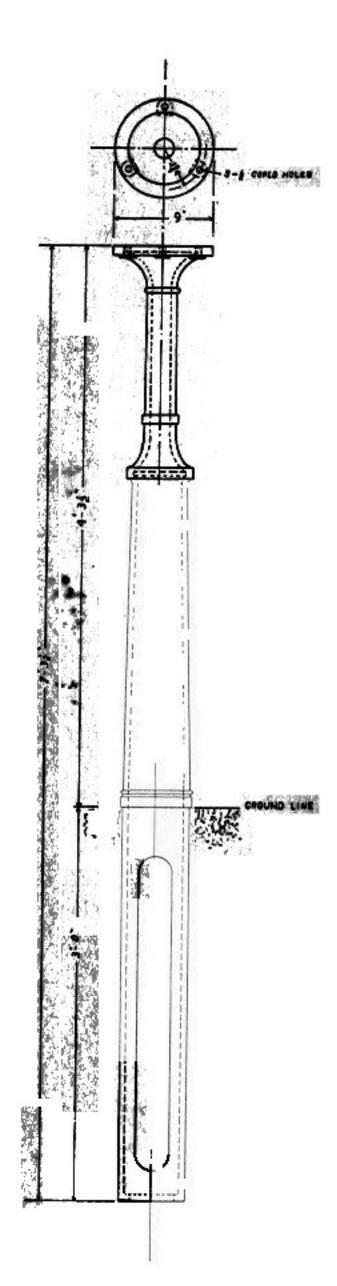
Weight about 110 pounds.

Dimensions: Length 87½ inches, diameter at top 9 inches, diameter at bottom 6 inches.

### IRON TELEPHONE BOXES AND POSTS



Weatherproof iron posts and boxes for special telephone service



#### LOCKS

In ordering our multi-coin pay stations, state what type lock is required. On orders where the lock is not specified, we will furnish the individual type with two keys to each lock.

### Sub Treasury Locks

These locks are all made on the same change and require but one key. While this method eliminates the collector's carrying a bunch of keys, they do not offer the security to be had with some of our other locks.

### Sub Treasury Locks Individual Type Master Key

These locks are all made to different changes, each lock requiring its own key; in addition a master key can be had which will unlock all. We do not recommend this type lock, as it does not offer the security to be had with some of our other types.

#### Sub Treasury Locks Individual Type

These locks each require a different key and this method has been adopted by practically all the large telephone companies. In service the keys are arranged on sealed rings according to each route the collector travels, the collector turning in the keys with the money. We fully recommend this method.

#### Safe Deposit Locks

This lock requires the insertion of two different keys in order to throw the bolt. It is intended for use where the pay stations are operated on a percentage basis. The number one key is intended to be held by the proprietor, while the number two key is carried by the collector. The proprietor must first insert his number one key, turning as far as possible. Then this key is withdrawn and the collector inserts the number two key which completes the function of operating the lock. This precludes the possibility of the collector opening the cash drawer during the proprietor's absence and saves disputes as to the amount the storekeeper is entitled to.

#### Combination Locks

This lock cannot be operated without both a special key and the combination upon which each lock is set. Combinations can be changed without removing the lock from the drawer, capacity of different changes being about two thousand. Where this lock is in service, the collector carries but one key and a card showing the combinations which each station is set to.

#### Pin Tumbler Individual Corrugated Key Locks

These locks are operated by a corrugated key and afford the utmost security. Each lock has its own individual key, and the number of changes that each can be furnished on is unlimited.

Note: In ordering pay stations equipped with safe deposit locks, add 25 cents each to the regular price of the station. For combination or pintumbler locks, add 50 cents each.

### MEASURED SERVICE REGISTERS

HE theory of supplying telephone service where each subscriber should pay according to the number of calls used is nearly as old as the telephone art itself and

has long been agreed upon as the only fair method to both the public and the operating company. The question of a satisfactory and reliable way of keeping track of the calls has been the main factor in restricting the growth of measured service.

#### The Old Method of Measured Service

The first method brought out to meet this demand was the operator's keeping tally at central office (Peg Count). This was unsatisfactory, especially on party-line service, as it was found that in many cases when the user was asked his number he would give the number of some other subscriber who was on the same wire with the result that charges were often recorded to a subscriber who had not had service for same.

### The Fallacy of Central Office Meters

The attempt to supply measured service with the meters at the central office has met with but partial success, as they cannot be operated on party lines, and even with their restriction to private-line service they have not proven satisfactory. The fact that the subscriber cannot inspect his meter leads many to believe they are being overcharged.

### W. T. Gentry of Atlanta, Georgia, Produces the First Register

Realizing the demand for a device that could be attached to any ordinary telephone which would perform this function, it remained for W. T. Gentry of Atlanta, Georgia, now president of The Southern Bell Telephone & Telegraph Company, to produce a device which would fill this want. In the spring of 1894, nearly twenty years ago, Mr. Gentry brought out the first telephone register, previous to which time nothing in the way of a practical device for such purpose had ever been produced. Completing his work on this register and obtaining United States Letters Patent on same, it was purchased by The Gray Telephone Pay Station Company and was the foundation on which we have successfully built.

#### The Demand

With Gray Registers a service can be had as with the gas or water meter, requiring no expenditure on the part of the patron, other than for actual service rendered. The users only being required to sign a guarantee to use at least one call per day, or enough to justify the company in making the installation, it being fairly safe to assume that after the subscriber becomes accustomed to the telephone, the transaction becomes a mutual benefit.



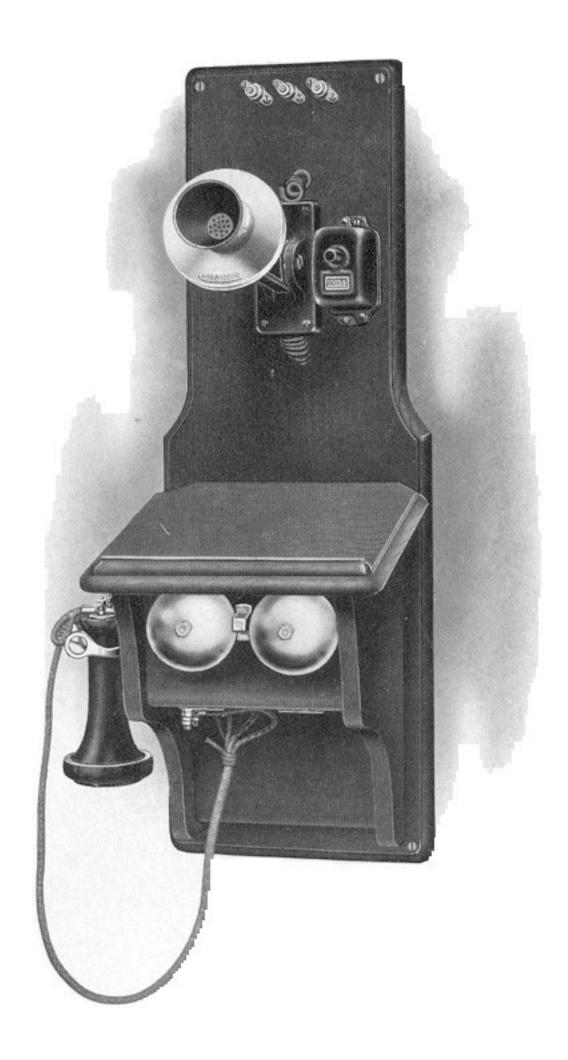
Number 3 Register attached to the regular desk set telephone.

Price # each

Mounting plate cents extra.

Number 3 Register mounted on the regular wall type telephone set.

Price 4 each



### Possibilities with Gray Registers

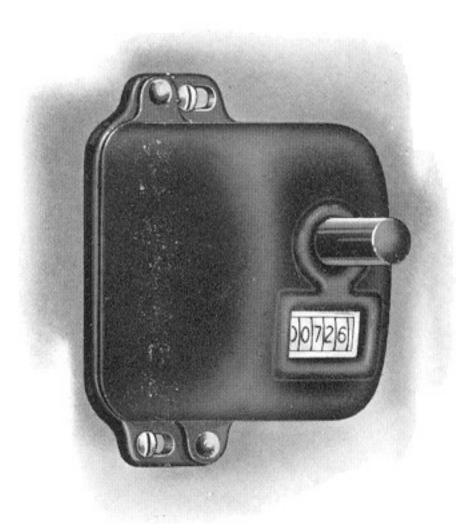
Gray Registers can be used to regulate the price of service on party lines having more or less subscribers. Thus on a four party line, each registration of the counter could represent five cents, while on lines carrying more subscribers, the contract price could be made in proportion to the service rendered. It will be observed that this plan contemplates the general introduction of the telephone into every home or store where it is difficult to get the parties to sign a regular exchange contract.

### The Automatic Signal

The signal in Gray Registers, whereby all vibration on the line is cut out immediately upon the release of the plunger, affords a saving of five seconds on each call.

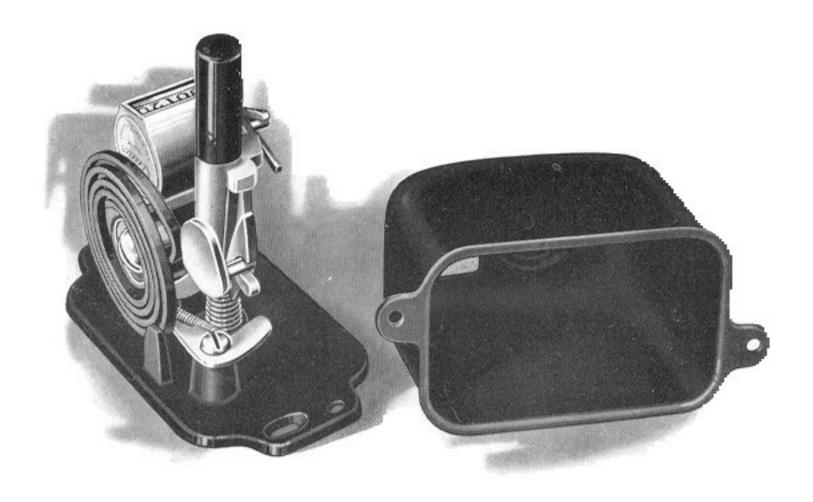
With Gray Registers, no electrical connection either at subscriber's station or central office are required, they being entirely mechanical in action, and can be used on any ordinary telephone, of either wall or desk type in present use.

Where Gray Registers are attached the user has at all times a record before him which saves disputes and ill feeling.



This illustration shows our Number 3 Register complete.

Scale, ¾ size



This illustration shows our Number 3
Register in detail.

### Operation with Gray Registers

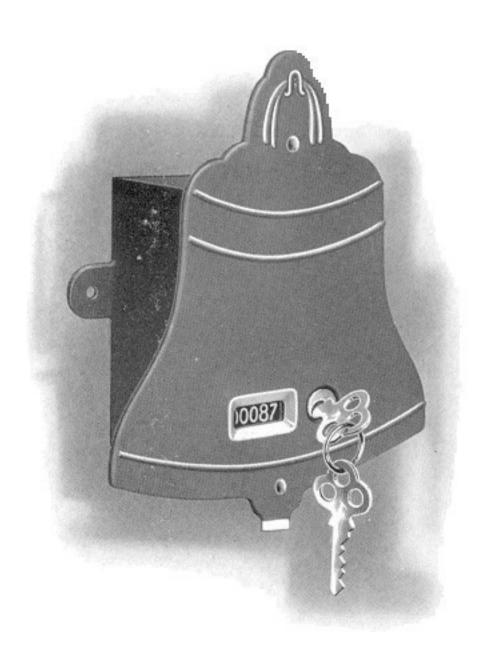
When Gray Registers are installed, the operator answers a call in the usual way and upon finding the desired connection can be had, requests the calling party to give the signal before completing the call. The sound of the signal conveyed to the operator denotes that registration has been made in the meter attached to the telephone where the call originated. With Gray Registers in use charges are sure to be made to the party receiving service for same. The operator is relieved of all clerical work, each subscriber automatically performing this function when he sounds the signal.

### Gray Registers Regulate the Service

Should the calls from one subscriber run considerably higher than the others on the same party line, the register will indicate that such a subscriber should be put on a private wire, which immediately restores the service to normal condition.

The investment in the registers would be about the only thing that might make any company hesitate at all, and this is indeed small compared to the possibilities of the returns.

Over 100,000 of our registers in actual use is the best proof of their efficiency.



Number 1 Register

Price

each

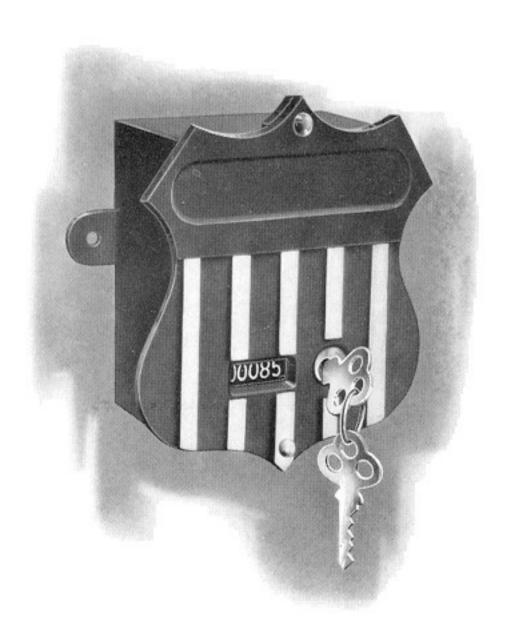
Finished in blue e amel with silver trimmings, very attractive.

Number 6 Register

Price

each

Finished in red, white and blue enamel, very attractive.



### Gray Registers Reduce Operator's Load

These registers will reduce the operator's load and improve the service on either private or party lines as they cut out all non-subscribers (dead-head) as well as reducing a large percentage of unnecessary calls.

### Comparisons

On the privilege of rental plan when everybody, subscribers and non-subscribers alike, use the service, each telephone on the line is a feeder of traffic to the extent of from ten to twenty calls per day, and as many in addition must be allotted to it because every call originated must be toward some other station in the exchange, unless it be a call for toll line. Suppose you equip such lines with Gray Registers, each user being required to register a certain charge to his account before the operator will make the connections. Now each telephone becomes a governor of traffic and admits only what is to be paid for with no charges if the party cannot be reached.

### Why Gray Registers Pay

It will be found on a four party line with Gray Registers attached, each subscriber agreeing to make at least one five-cent local call each day. A line so equipped pays a guarantee of not less than \$73.00 a year on four outgoing calls per day, and with all unnecessary and dead-head calls eliminated. Providing a most satisfactory service for the subscriber with a very profitable investment for the operating company.

### TESTIMONIALS



HE real value of a pay station can be ascertained only by an exact knowledge of what it will do through a term of years in actual service. It is obvious that the final test cannot be applied in advance, and therefore the purchaser of the pay

station is compelled to make his decision either from a personal examination of it, relying upon his own knowledge of pay station construction or upon the verbal or printed representations of the manufacturer, and as a consequence of this fact it is our purpose in publishing the testimonials shown on the following pages which set forth concisely, clearly and accurately the salient features of the Gray Pay Station and proves all we claim for them.

The element of confidence in the reliability of a pay station must be based very largely upon a knowledge of the integrity and responsibility of its makers.



GENERAL OFFICE

### Minnesota Central Telephone Company

TELEPHONE BUILDING 224 SOUTH FIFTH STREET MINNRAPOLIS, MINN.

May 5th, 1911.

Gray Telephone Pay Station Co.,

Hartford; Conn.

Gentlemen:

In reply to your favor of the 2nd inst., I take much pride in saying that I assisted your Mr. Gray by testing his first model and installed for public use, the first Gray automatic put out by your Company.

At that time I pronounced "The Gray" a success, and having used them continously since that time, both in Connecticut and Minnesota, I have had no occasion to reverse my opinion. "The Gray" is certainly the most simple and reliable automatic station on the market at the present time, and I would use no other.

Yours very truly,

General Manager.

Minnesota Central Telephone Co.

LOCAL AND LONG DISTANCE SERVICE



DIRECTORS OLEBON, PREI D. KOCH, V. PREL L. A. THORSON, SECT.

#### FORT DODGE TELEPHONE COMPANY

FORT DODGE, IOWA, March 2nd.1909.

The Gray Telephone Pay Station Co.,

Hart ford, Conn.

Gentlemen:

For ten years we have experimented with every known make of slot machine, and are thoroughly convinced that for reliable service the Gray machine is the best we have ever used.

Very truly yours.

FORT DODGE TELEPHONE COMPANY.

JMP/ME.

INDEPENDENT LOCAL

LONG DISTANCE TELEPHONE. WE HAVE IN SERVICE-TODAY 2256

BEAUMONT TELEPHONE COMPANY

Beaumont, Texas.

Office of Manager, Keith Building, Pearl St.

Beaumont, Texas, March 27th

190 9.

The Gray Pay Station Co.,

Gentlemen:

Replying to yours asking our opinion of The Gray Pay Station, beg to state that we value it very highly compared with other sorts we have tried. One feature that is particularly valuable is that it is the same as the Bell use and the public have been trained to use the automatic pay station, and where competition is as sharp as we have, it is important that the public have as little work as possible in using the toll lines. As to the mechanical features of the Gray Pay Station, it seems to be ideal in this respect.

We might elaborate, but think it sufficient to say that we are buying your pay stations exclusively.

Yours truly. CWEnimer



Mightstown Telephone Dompany

Seorge Watte, Manager

Knightstown, Ind., War. 18. 1909.

The Gray Telephone Pay Station Co.,

Hartford, Conn.

Gentlemen:

We have tried other pay stations but, find none as satisfactory as the Gray.

We find it a hard matter to educate the public to deposit one coin at a time and pull the lever after each coin. With the Gray Automatic this trouble is eliminated and the signals given are as satisfactory to the operator as those given by a lever pay station.

Yours very truly,

KNIGHTSTOWN TELEPHONE CO.

W-FH.

Tro Natto

A corner in the grinding room

All our castings are highly finished on special machinery





THE GRAY PAY STATION CO.,

Dear Sirs:

We have and note your inquiry of the 9th regarding Gray Pay Stations, and in reply would say that our Company is a firm believer in the liberal use of Pay Stations, installing them in every available place. They are a paying proposition with us.

We are and have been using for a number of years several makes of Pay Stations, quite a number of the same being Gray Pay Stations, in fact the majority of them Gray Pay Stations.

Would say your Pay Stations, to our operators are absolutely accurate. To our customers, very satisfactory on account of their ease in operation, and to our Company, very profitable, in that they have never cost us a cent for maintenance.

Very respectfully yours.

OREGON AND FOREST CITY TELEPHONE CO..

Martin Sec. & Trees

THE PLATTSMOUTH TELEPHONE COMPANY
GENERAL OFFICES

PLATTSMOUTH, NEBR. Mar. 3rd. 1909.

The Gray Telephone Pay Station Co.,

Hartford, Conn.

Gentleme.

We have been using Gray Pay Stations for the past eight years and consider them to be the most satisfactory and reliable Pay Station we have used.

Yours truly.

THE PLATTSMOUTH TELEPHONE COMPANY.

de Poce och GEN. MGR. & TR.



GEO. D. ELLIS. Passioner A. J. SWAIN. 107 Vice-Passioner C. E. BRAIMARD, So Vice-Passioner

C. J. BINSEL. SECRETARY AND GENERAL MANAGER. H. E. NEAL, TARRESTER
IRA E BARBER, LANTER
F. E. YOUNG, Aver-on

### Independent Long Distance Telephone Co.

Botse. 3baho. April 14th, 1909

The Gray Telephone Pay Station Co., Hartford, Conn.

Gentlemen:

I wish to say that we have been using the Gray Pay Station for the past six years, and can heartily endorse them as being an Al up-to-date, correct pay station. Our plant is growing very rapidly and we are using the Gray Pay Station with our growth. The people of this great state of Idaho want the best. We are using Gray's.

Yours truly,

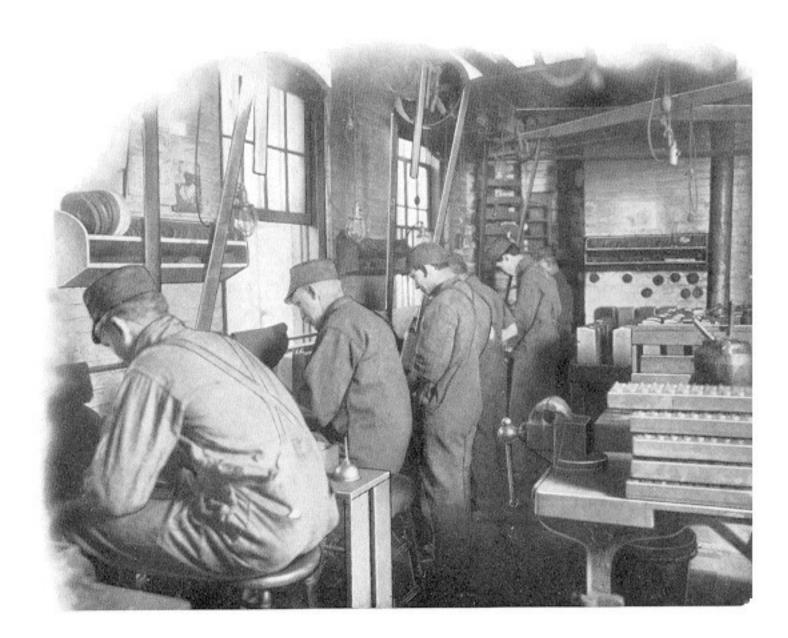
INDEPENDENT LONG DISTANCE PELEPHONE CO

1 June

CJS/JAL

A corner in the polishing room

Producing the surface



#### THE NORTHWESTERN TELEPHONE & TELEGRAPH COMPANY.

General Offices: CARTHAGE, N. Y.

Carthage, N. Y., Feb. 8th, 1909.

The Gray Pay Station Co.,

Hartford Connecticut.

Gentlemen:

Having noted the operation of your automatic coin collecting attachments for the past sixteen years, I am pleased to state that nothing has been brought to my attention during that time, which is so reliable under every condition of service.

You may be interested in the fact that a number of the original styles are still in use and operating in a satisfactory manner.

Simplicity and absence of moving parts seem to insure efficiency and low maintenance expense, which should lead to the selection of "Gray" apparatus.

Yours very truly,

The Northwestern Telephone & Telegraph Co

J/K

Chur Symme Superintendent



The Co-operative Telephone Co.,

Carthage, North Carolina.

Carthage, North Carolina, April 2, 1909.

The Gray Telephone Pay Station Co.,

Hartford, Conn.

Gentlemen:

Your inquiry to hand. Experience, our teacher, tells us to buy Gray Pay Stations.

Respectfully yours,

Per. Mgr.

### Springfield Coral Telephone Company

. VT., February 2, 1909.

The Gray Telephone Pay Station Co.,

Hartford, Conn.

Gentlemen: -

We take pleasure in saying that we have been using Gray Pay Stations on our lines for about eight years, and that they have always given us excellent satisfaction.

In corroboration of this, it is only necessary to say that we are still using the instruments which we originally installed, and within the past month have purchased three additional Pay Stations of your make.

Yours very truly,

THE SPRINGFIELD LOCAL TELEPHONE CO:

MLL currence

A view in our die casting department

Converting a carload of metal into coin chutes



#### THE CITIZENS HOME



#### TELEPHONE COMPANY.

PARSONS, KANSAS, March 5th, 1909.

The Gray Pay Station Co.,

Gentlemen:

At the time of the World's Fair at St. Louis, Mo., I investigated all the Pay Stations I could find for Telephone work, and decided on the Gray.

At that time I was general manager for the Labette County Telephone Company, which position I hold with the Citizens Home Telephone Company, since its merge of the Parsons Home, Pittsburg Home, and the Labette County Telephone Companies.

I have never been sorry that I decided on the Gray Telephone Pay Station. I think it is the best made, and am using quite a good number and buy nothing but Gray.

Yours truly,

THE CITIZENS HOME TELEPHONE COMPANY

Secretary and Gen. Manager.



### UNITED STATES LONG DISTANCE TELEPHONE AND TELEGRAPH COMPANY

BRANCH OFFICE CURRIER BUILDING

LOS ANGELES, CALIFORNIA

DIRECTORS

F. F. GRAVES. SECRETARY
JMO. VAN LIEW, TREASURER
J. H. ADAMS
ARTHUR WRIGHT,
ASST. BEE 1 AND RETORNEY

February 2, 1909.

The Gray Telephone Pay Station Co.,

Hartford, Ct.

Gentlemen:

We have been using Gray Pay Stations for a number of years, in fact we use them exclusively, and we cannot say but what they have always given us good satisfaction.

Yours very truly,

U. S. LONG DISTANCE TEL. & TEL. CO.

By CATELLY Ganager.

### W. C. BIRCHMORE

BENERAL MANAGER

DAMIELSVILLE & COMER TELEPHONE CO.

March, 6th. 1909.

Gray Telephone Pay Station Co.,

Hartford, Conn.

Gentlemen:

Replying to yours of some days ago, have to say that we have tried several different kinds of pay stations, and have no hesitancy in saying that the Gray is the best we have ever tried. We are not hunting for any other kind now, as we consider yours about as good as can be gotten up.

Yours truly.

Danielsville & Comer Telephone Co...

W.C. Birchmore
General Menager.

Drilling department

A battery of highspeed ball-bearing drill presses

We are especially well equipped for the accurate and rapid production of pay station apparatus



STROUDSBURG AND BUSHKILL TELEPHONE COMPANY



STROUDSBURG, PA. March '29th, 1909:

The Gray Tel. Pay Station Co.,

Hartford, Conn

Gentlemen: -

Replying to yours of March 3rd, mislaid, would say that we abandoned the type first tried to adopt the Gray Pay Stations largely on the score that much of the revenue at that time would be from "green" users who would be easily discouraged, making the utmost simplicity essential, especially as the simplest type was otherwise equal to any in our judgment.

The results convinced us that not only are the instruments an excellent investment, but an excellent kind and are still our choice of all types in use with about 8 % of all our tele-phones equipped and the expectation of increasing that percentage.

Respectfully.

STROUDSBURG & BUSHKILL TELEPHONE COMPANY.

B. D. Hurch Mer.

D.C. L. MEASE, M.D., President W A. HANCE, Vice-President

E.T. MORSE, Treasurer

L. A. HERRICK, Socretary & Musinfer



### Stephenson County Telephone Co.

-

Directors. D. C. L. MEASE C D KNOWLTON W. A. HANCE W. O. WRIGHT F. A. READ E. T. MORSE

Freeport. Illinois 2/5/09.

The Gray Telephone Pay Station Co.. Mr. Geo A. Long, Supt., Hartford, Conn.

Dear Sir:

Replying to yours of the 1st. We are using Gray Pay Stations exclusively and find them thoroughly satisfactory in every way, and particularly appreciate the automatic features.

Yours truly,

THE STEPHENSON COUNTY TELEPHONE CO.

### THE WICONISCO TELEPHONE COMPANY

Elizabethville, Penn.,

March 27, 1909.

The Gray Telephone Pay Sta. Co.,

Hartford, Connecticut.

Dear Sirs:

Replying to yours of the 18th inst. regarding the efficiency of the Gray Automatic Pay Stations.

We have no hesitancy in saying that they are the most reliable and satisfactory of any Pay Stations, that we have tried. We have tried other Automatic Pay Stations, but do not find them so satisfactory, and are now buying the Gray Automatic Pay Stations exclusively.

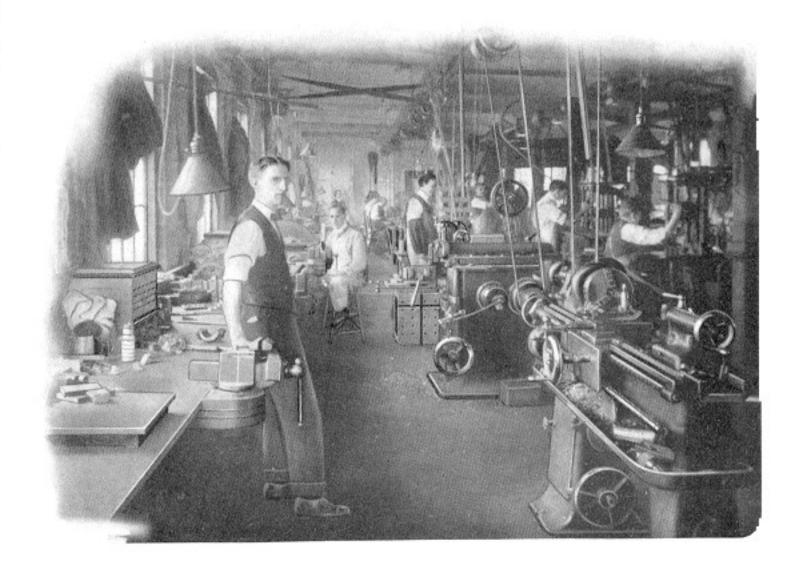
Yours truly,

THE WICONISCO TELEPHONE COMPANY,

C W. 6 ook, Mgr.

A view in the tool department

In this department
we produce the
tools for the
accurate and
rapid production
of the
pay stations





The Gray Telephone Pay Station Co.,

Gentlemen:

We are in receipt of your favor of the 5th inst. and it affords us great pleasure to comply with your request for testi-monial in regard to the efficiency of Gray Pay Stations.

We have been using this Pay Station for the last two years with very satisfactory results. They have given us no trouble whatever and we find that our users have little or no trouble with the central operator when called upon to deposit the coins in the proper slots. We believe that we have been getting the maximum of efficiency for the minimum of expense and it affords us pleasure to recommend Gray Pay Stations to any company who will find it very advantageous in their toll business and in their pay booths to use this equipment.

Very truly yours.

WEST VIRGINIA WESTERN TELEPHONE COMPANY

W. P. Moore, President and General Manager

B. M. Haatings, Treasurer.

J. G. ICKIN, Secretary

### THE ADDING EXCHANGE TELEPHONE CO

General Office: Adena, Ohio.

March 22, 1909.

The Gray Telephone Pay Station Co.,

Hartford, Conn.

Gentlemen:

We have in use quite a number of Gray Pay Stations and we have no hesitancy in saying that they give perfect satisfaction, and we are using them exclusively.

Yours very truly,

THE ADENA EXCHANGE TELEPHONE CO.

Mr P MOOREGEN. MGR.



# The Belaware and Madison Counties Telephone Co.

GENERAL OFFICE, MUNCIE, INDIANA 2/26th/09

The Gray Telephone Pay Station Co.,

Hartford, Conn.

Gentlemen:

Yours of the 22nd to hand contents noted. We think the Gray Pay Stations are the best made, and will say further, we do not know what trouble is with these Stations compared with some others we have used.

We are equipping all our telephones with your Pay Stations.

Yours truly.

THE DELAWARE & MADISON COUNTIES TELEPHONE CO.

JO Roucke Gen. Mer.

Making the bells

Extreme care is required in making the bell which is one of the essential parts of the pay station



BOARD OF DIRECTORS

 J. M. FILDEW, ST JOHNS F G. THIERS, WT PLEASANT S. E. PARKILL, GWOSSO W. A. BAHLKE, ALMA
Q. B. ALDRICH, ST. LOUID
Q. W. GALE, OWOSSC
W. J. MELOHERS,

E. S. WAGAR, EDMORE
J. T. MILLMAN, ST. JOHNS
C. T. BABGOCK, ST. JOHNS



Union Telephone Company

CAPITAL STOCK \$750,000.00

General Offices: Alma, Michigan

Alma, Mich., Jan. 25, 1909.

The Gray Telephone Pay Station Co.,

Hartford, Connecticut.

Gentlemen:

We have quite a number of Gray Pay Stations scattered through our system. In fact, we have not purchased any other pay station but the Gray in the past five years. We probably could not give a better endorsement than the fact, that we are continuing to buy the Gray Pay Station exclusively and are thoroughly well satisfied with the results.

Yours truly.

UNION TELEPHONE COMPANY

WJM/H

Gen. Mgr.

#### THE CONWAY TELEPHONE COMPANY

CONWAY. SOUTH CAROLINA

3/12/09

The Gray Telephone Pay Station Co., 64 Asylum Street,
Hartford, Ct.

Gentlemen:

The Gray Pay Stations purchased from you from time to time the last five years give perfect service. They are accurate, reliable and rarely out of repair.

It gives us great pleasure to recommend them to all users of Telephone Pay Stations.

Yours truly,

THE CONWAY TELEPHONE COMPANY,

SUPT. & G. M.

### Citizens' Telephone Company, Inc.

Sub-Licensee of the New England Telephone and Telegraph Co

E. H. VANCOR

GENERAL MANAGER'S OFFICE

Morrisville, Ut., February 24th, 1909.

General Manager.

Mr. Geo. A. Long, Supt.,
Gray Telephone Pay Sta. Co.,
Hartford, Connecticut.

Dear Sir:-

Referring to yours of the 22nd, relative to our experience with your Pay Station apparatus, we beg to say that for some time past we have used Gray Pay Stations exclusively with the most satisfactory results.

We consider them in a class by themselves, and we are pleased to avail ourselves of this opportunity to express our appreciation thereof.

Very truly yours,

CITIZENS' TELEPHONE COMPANY, Inc.,

Coin chute department

In this department the digestive organ of the pay station is made



PRESIDENT. G. C. MOBN

SEC. AND TREAS., W. A. BRATTON

GEN. MNGR., A. W. ARRIOGAST

### RONCEVERTE AND ELKINS TELEPHONE COMPANY, INCORPORATED : CAPITAL STOCK, \$25,000

Marlinton, West Virginia.

The Gray Tel. Pay Station Co.,

Hartford, Conn.

Gentlemen

We have no hesitancy in saying that the Gray Automatic Pay Stations are the most reliable and satisfactory of any that we have tried. We are using them exclusively.

Yours very truly,

RONCEVERTE AND ELKINS TELEPHONE COMPANY

Celd Cuboz ases Gen. Manager.



### Dunkirk Home Telephone Company

Bunkirk, N. U., March - 30 - 1909.

The Gray Telephone Pay Station Co.,

Hartford, Conn.

(ATTENTION - Mr. Geo. A. Long, Supt.)

Gentlemen:-

matter of the efficiency of your equipment, would say that the Gray Automatic Pay Stations are most satisfactory and other makes will not be considered until the market can furnish as good or better.

Yours truly,

Dunkirk Home Telephone Company

Manager.

SOUTH TEXAS TELEPHONE CO. HE TEXAS TELEPHONE CO.



The



HOME TELEPHONE CO

Intependent Telephone Companies

Waco, Texas

March, 20,

The Gray Telephone Pay Station Co.,

Hartford, Conn.

Gentlemen:

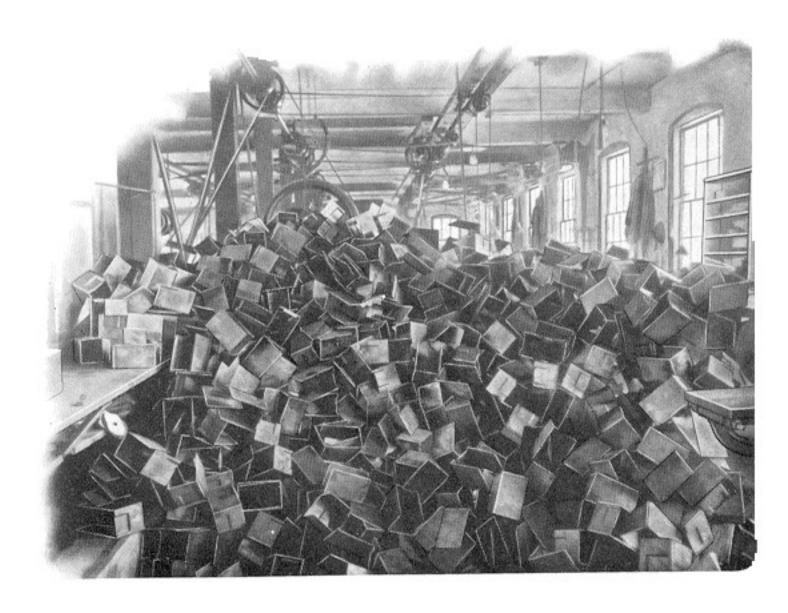
We are using a great many Gray Pay Stations and find them more satisfactory than any other Pay Station we have used.

Yours very truly,

JBE.ML.

And Zel System

A view back of the press showing twenty-five thousand coin trays in the process of manufacture



OFFICERS AND DIRECTORS

ORVILLE ELDER, PRES.
L. H. WALLACE

H. M. EICHER, VICE PRES. FRANK L. WILSON.

PRED H. SMITH, TREAS.
R. M. SMITH. E. T. W. KHAM.

C. J. WILSON

D. W. MANNHARDT, MANAGER.



### Washington Telephone Company

(INCORPORATED.)

WASHINGTON, IOWA.

Feb. 5th, 1909

The Gray Tele. Pay Station Co.,

Hartford, Conn.

Gentlemen:

matic Pay Station exclusively, and we believe it is the best pay station on the market, and can truthfully recommend it, as it has no equal. That is our experience.

Yours very truly,

WASHINGTON TELEPHONE COMPANY.

Byll W. mannharder.

CLARENDON TELEPHONE &

T L. BENEDICT, MANAGER

CLARENDON TEXAS .. March 30, 1909

The Gray Telephone Pay Station Co.,

Gentlemen:

We take great pleasure in giving our testimonial of the efficiency and satisfactory working of Gray Pay Stations.

It is enough to say that one 5 & Pay Station in a public place cleared us \$15.00 besides the regular telephone rental in one month.

Reretofore, we were compelled at this place to make connections and answer questions from hundreds, who in no way contributed one cent towards the support of our company.

With your Pay Stations, which are always in working order, we save much of the operator's time, and generally pay for the same in one month.

Respectfully yours,

THE CLARENDON TELEPHONE COMPANY,

By J. L. Burcher Mgr.



### Fort Worth Telephone Company

"THE HOME PHONE"

March 11, 1909

FORT WORTH, TEXAS,

Gray Telephone Pay Station Co.,

Hartford, Ct.

Gentlemen:

Replying to your recent favor would say that we have various types of the Gray Pay Stations in service on our exchange and are very well pleased with the operation of them. In the opinion of the writer there is no pay station on the market that is equal to the Gray.

Yours truly,

FORT WORTH TELEPHONE COMPANY,

L/M.

AB Luck Supt.

A view in the punch press department

Forming the coin tray, second operation



Subject:

### GAINESBORO TELEPHONE COMPANY GEORGIA DIVISION.

(INCORPORATED.)

GENERAL OFFICES.

J. C. BASS, President. J. T. ANDERSON, Vice-Pres. E. M. BASS Sec. and Treas. L. K. SMITH, General Manager R. J. GAILBREATH, Auditor

CARROLLTON, GA., Jan. 25, 09.

Gray Telephone Pay Station Co..

Hartford, Conn.

Gentlemen:

We have been using your automatic pay stations of various types for a number of years and we find them to be all that you claim for them. They are very satisfactory to use and we recommend the use of Gray Pay Stations without a moment's hasitancy. You are at liberty to use this instrument of writing if you so choose.

Wishing you much success, we are

Very truly yours,

GAINESBORO TELEPHONE CO..

Secretary & Treasurer

### Grant County Telephone Co.

CAPITAL STOCK, \$100,000:00

INCORPORATED UNDER LAWS OF STATE OF SOUTH DANGTA

BOARD OF

PRESIDENT . - JAMES E. STREET

VICE PRESIDENT JOHN HEFFERNAN JOHN C. REEVE JOHN NORD

ASSISTANT SECRETARY . LUELLA CUNNINGHAM

E. D. MOOAR GENERAL MANAGER **TOLL LINES** 

TO ALL LOCAL TOWNS, AND DIRECT CONNECTION WITH THE

TRI-STATE TELEPHONE COMPANY

GENERAL OFFICER

MILBANK, SOUTH DAKOTA

MARCH 31, 1909.

THE GRAY TELEPHONE PAY STATION CO.,

HARTFORD, CONNECTICUT.

Gentlemen:

Replying to your favor of March 17th asking for information regarding your Pay Stations, would say that we have had several Gray Pay Stations in use for some time, and the service has been very satisfactory to us in every way.

There are no complicated parts to get out of order, and I believe them to be reasonable burglar proof.

Respectfully,

THE GRANT COUNTY TELEPHONE CO.,

EDM/BLC

By Bhulla Cunning han

OFFICERS



Cyrus Bocock, President

James A. Briggs, Vice President

John H. Drawyer, Secretary

Charles Austin. Treasurer .....Office of

#### EMPIRE TELEPHONE COMPANY

DIRECTORS:

Charles Austin, Cyrus Bocock, James A. Briggs, George A. Carper, John Dunne Edgar B. Hill, J. E. Monier. INCORPORATED 1991

Bradford, Ill., March 4th ., 1909.

The Gray Telephone Pay Station Co..

Hartford, Ct.

Gentlemen:

We are using twelve of the Gray Automatic Telephone Pay Stations at Bradford Exchange and can say they are far more satisfactory than either of the other kinds that we have tried.

The operators say they have no trouble in distinguishing the coins at the Gray Stations. We have not had any expense for repairs on the Gray Pay Stations up to the present time.

Respectfully.

J. H. D. Secretary.

A view in the profiling department

All parts are made interchangeable in Gray apparatus



ADDRESS ALL REPLIES TO THE COMPANY NOT TO INDIVIDUALS.

### THE NEW BRUNSWICK TEIMPHONE GOMPANY INMITTED

OFFICE OF THE GENERAL SUPERINTENDENT

Sn. Jours, MB. Feb. 9, 1909.

The Gray Telephone Pay Station Co..

Hartford, Conn. U. S. A.

Gentlemen:

Replying to yours of Feb. 1st, would say that we be-lieve that "Gray Pay Stations" meet the requirements as well as any pay station can. The best evidence of our belief is, that we have a great many pay stations in use, and they are prectically all Gray.

Yours very truly.

Dict.HPR. MKD.

General Manager.

W. H. RAGAN, President. C. C. MUSE, Vice-President

W. H. TOWNSEND, Sec & Trees.

# North State Telephone Company

Capital Stock \$20,000.00

Member Independent Telephone Association of M. C.



J. F. Hayden, Manager

W. P. Pickett W. L. Stamey C. C. Mase J. S. Wilborn J. F. Hayden

HIGH POINT, N. C., January 25th, 1909

The Gray Telephone Pay Station Co.,

Hartford, Conn.

Dear Sirs:

In reply to your inquiry will say that we have been using your Automatic Pay Stations for several years. We like them so well that we have discontinued all other makes.

Very truly yours,

NORTH STATE TELEPHONE CO.

WILLETT WILSON, COUNTY JUDGE W. C. BEST, DISTRICT & COUNTY CLER A. ROEMER, SHERFY & TAX COLLECTOR F. M. DUIGGEON, TRADUNES J. W. SATCHER, ADDRESS LEWIS WOOD, COUNTY ATTENET H. M. MENDERSON, COUNTY SURVEYOR

### THE STATE OF TEXAS

COUNTY OF CALHOUN

W. P. DEDMAN, COM'S PRECISET NO. 2 M. P. DEDMAN, COM'S PRECISET NO. 3 M. L. CAVALLIN, COM'S PRECISET NO. 3 WALTER DIERLAM, COM'S PRECISET NO. 4

PORT LAVACA, TEXAS,

Mar. 19th, 1909.

The Gray Telephone Pay Station Co.,

Hartford, Conn.

Gentlemen: -

We have been using your Pay Station on our telephone for some time and can say, they are the best we have ever used, and they give entire satisfaction.

We consider them the best Pay Station registry made to-day.

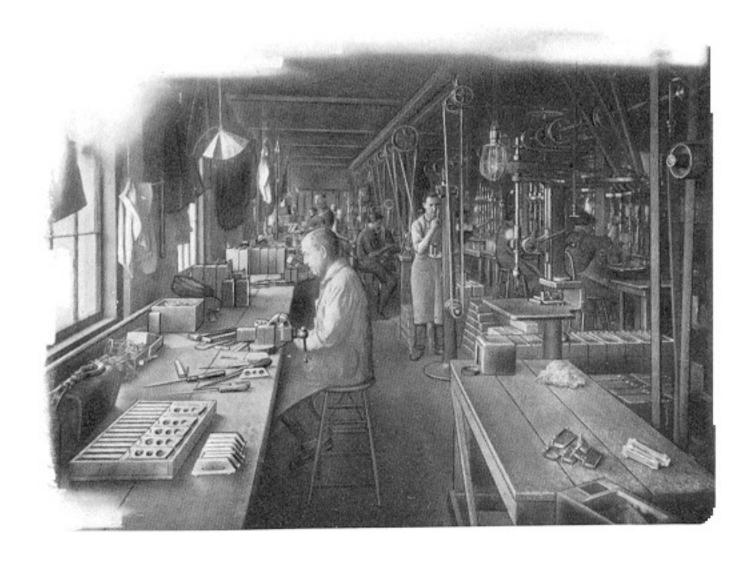
Yours truly,

PORT LAVACA TELEPHONE COMPANY

By Welles Manager.

A view in the mechanical department

For a quarter of a century we have been building pay stations



DIRECTORS

CHAS E MANLEY PAEST & TREAS & F BAILEY VICE PREST & F HARTLEY, SECRETARY JOHN L RUHL J WALTER BARNES



Fairmont. W. Val.

Gray Telephone Pay Station Co.,

Mr. George A. Long, Supt.,

Hartford, Conn.

Dear Sir:-

We have been using your Pay Stations at our Fairmont and Crafton exchanges and find them very reliable and satisfactory in every way. They are low in maintenance as compared with other Pay Stations.

Yours truly,

JWB-T

Gen. Mgr.

#### JEFFERSON COUNTY TELEPHONE COMPANY

23 SAVINGS BANK BUILDING

Watertown, N.Y., February 25th, 1909

The Gray Telephone Pay Station Co.,

Hartford, Conn.

Gentlemen: -

Referring to your inquiry of February 23rd in regard to our experience with Gray Pay Stations.

We have found these stations to be preferable to any other makes, and are now using them exclusively.

Yours respectfully.

JEFFERSON COUNTY TELEPHONE COMPANY.

General Manager

J IV PACKARD, President

FRANK L. AMES, Eusiness Manager

CHARLES L HOLBROOK, Treasurer

### Somerset Farmers' Co-operative Telephone Company

DIRECTORS:

J. M. SZOWN, Salm; AMON BASES, Singhen; GEO. E. POSTES. Conses

Clert. FRED MAGOON, Solon Auditor. P. S. LONGLEY. Solon

Norridgewock, Maine, March 22, 1909.

The Gray Telephone Pay Station Co.,

Eartford, Conn.

Dear Sirs:

We have used Gray Pay Stations for some five years. We find them to be our best asset in the collection of coins at our public stations. They make clear, distinct signals and require no repairs or attention, other than the removal of the coins from them.

Stations we have.

Respectfully yours,

The Somerset Farmers' Co-operative Tel. Co.

37. Frank & amer. Business Manager.

Assembling prepay stations



#### THE SLATE BELT TELEPHONE & TELEGRAPH CO.

GENERAL MANAGER'S OFFICE. 82 SOUTH MAIN STREET.

A. G. CONNOLLY.

NAZARETH, PA., Feb. 12th, 1909.

The Gray Telephone Pay Station Co.,

Hartford, Conn.

Gentlemen: -

We have four different makes of Pay Stations (or slot machines) in use throughout our territory, and we consider the Gray Pay Station by far the most satisfactory.

Very truly yours.

THE SLATE BELT TELEPHONE & TELEGRAPH CO.

1. Flowolf-Gen'l Meneger.



The Gray Pay Station Co., Gentlemen:

Your favor of the 30th ult. to hand. We are using Gray Pay Stations exclusively and have found them satisfactory in every respect. Maintenance practically nothing.

Yours truly,

THE VALLEY TELEPHONE COMPANY

WJS/WSD

Gen'l Mgr.

E. L. BARDER

W. H. BRYANT

A. L DOUGLASS,



#### HOME TELEPHONE COMPANY

INCORPORATED \$650,000.00

MOBILE. ALA. Feb. 2, 1909.

The Gray Telephone Pay Station Co..

Hartford, Conn.

Gentlemen:

Replying to your letter of the 15th inst. as to how we like the Gray Pay Stations, we wish to say that the best endorsement we can give them are, that after trying and thoroughly investigating every Pay Station on the market, we have adopted the Gray, as our standard. We find that they give us practically no trouble and the signals are clear and distinct.

Very truly yours.

HOME TELEPHONE CO.

WHB/OC.

A corner in the assembling room



JOHN I. BOOE.

HENRY NICHOLS

#### DeVall's Bluff and Des Arc Jelephone Company.

DEVALL'S BLUFP, ARK. Our. 27

190 9

The Gray Telephone Pay Sta. Co.,

Hartford, Connecticut.

Gentlemen:

We are more than pleased with Gray Automatic Pay Stations. Each ring is clear and distinct.

We have tried others, but do not like them so well. We fully recommend Gray Automatic Pay Stations.

Very truly yours.

Devall's Bluff and Des Arc Telephone Co.,

It. a. Dalch, Manager.



CITY TELEPHONE COMPANY,

ESTABLISHED 1896.

Bernard W Leavitt, Manager,

Southern Pines, N.C.

Mar. 2, 1909

The Gray Telephone Pay Station Co.,

Gentlemen:

About one sixth of our instruments are fitted with coin boxes, a few of which, I am sorry to say are not of your make. The ones to which we refer were purchased before we knew of the Gray Pay Station.

I saw your address on a Pay Station in Boston, and found that your product was not controlled by the Bell Company, and since then have purchased your Pay Stations exclusively.

I am glad to have the opportunity to say a good word for Gray Pay Stations, and I wish to thank you again for your courtesy and kindness.

With best regards personally, I remain

Yours truly.

Brusell Leavill

#### DANVERS TELEPHONE COMPANY

SILBERT WILEY, MANAGER

DANVERS, ILLINOIS .... March 17th, 190.9.

The Gray Telephone Pay Station Co.,

Hartford, Conn.

Gentlemen:

Yours of the 23rd at hand. We have no hesitancy in saying that the Gray Automatic Pay Stations are the most reliable and satisfactory of any that we have tried.

They are giving perfect satisfaction and we are using them exclusively.

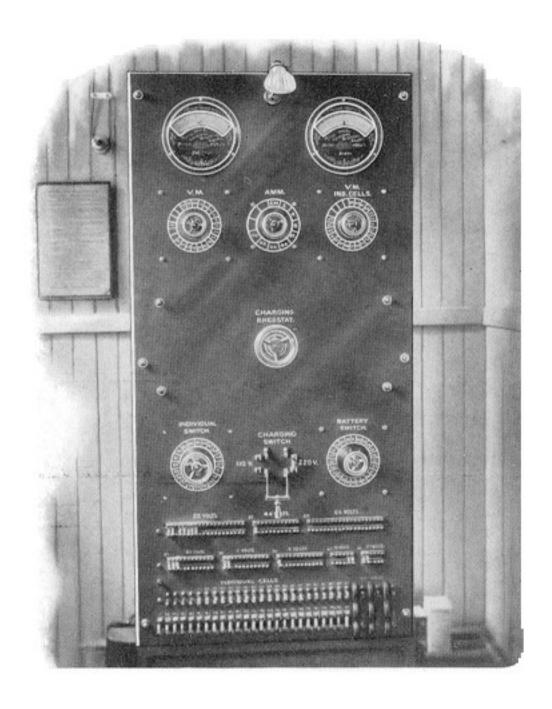
Yours very truly.

THE DANVERS TELEPHONE COMPANY

Per Liller Wilex Prop. & Mgr.

A special switch board designed, built and installed by the Gray Telephone Pay Station Company for use in their laboratory

We have all the requirements for making tests of accuracy



DIRFCTORS

JOHN E. CASEY.

JOHN M. RICH.

JAMES MEMAN.

SHITN WOOD,

EDWARD RENNEDY.

C. B. HAPEMAN.

EUGENE SOULE

E. J. HAPEMAN.

GARBETT L. APPLECATE

## CATO & MERIDIAN TELEPHONE CO.,

OFFICERS

JOHN E CASEY.

PRESIDENT

JOHN K. RIGH,

VICE-PRESIDENT.

E. J. HAPEMAN,

SECT AND TREAS.



The Gray Telephone Pay Sta. Co.,

Hartford, Conn.

Gentlemen:

We are using several of the Gray Automatic Pay Stations which are giving us perfect satisfaction. In fact, they have never caused us any trouble. We are using them exclusively.

Yours truly,

Cato & Meridian Telephone Company,

Dic. H/S

R. J. Hapeman, Sec'y. - Treas.

### The United Home



### Telephone Company

W. A. CARTIER, Pros. G. T. SANDS, Vice Prep. 1110MAS BROMLEY, Jr., Sec'y and Trees.

LUDINGTON, MICH. February 22, 1909.

The Gray Tel. Pay-Station Co.,

Hartford, Connecticut.

Gentlemen:

In reply to yours of the 12th to the Lake Shore Telephone Company, our predecessors, will say that we have found Gray Pay Stations very satisfactory indeed, and expect to use them exclusively in the future.

The shield pay station is especially recommended to Independent Telephone people, as it not only serves for the use it is intended, but has a distinctive advertising feature as well.

Yours truly,

Gen. Manager.

TB/D

### Browerville Telephone Co.

Local and Long Distance Service.



OFFICE OF SEC., TREAS.

BRGWERVILLE, MINN . Mar. 20th. 190 9.

The Gray Telephone Pay Station Co.,

Hartford, Connecticut.

Gentlemen:

It is with great pleasure that we recommend your Pay Station to any company that wants a reliable and good Pay Station, one that gives distinct signals and always ready for use.

We use The Gray exclusively and have not had any trouble whatever with them.

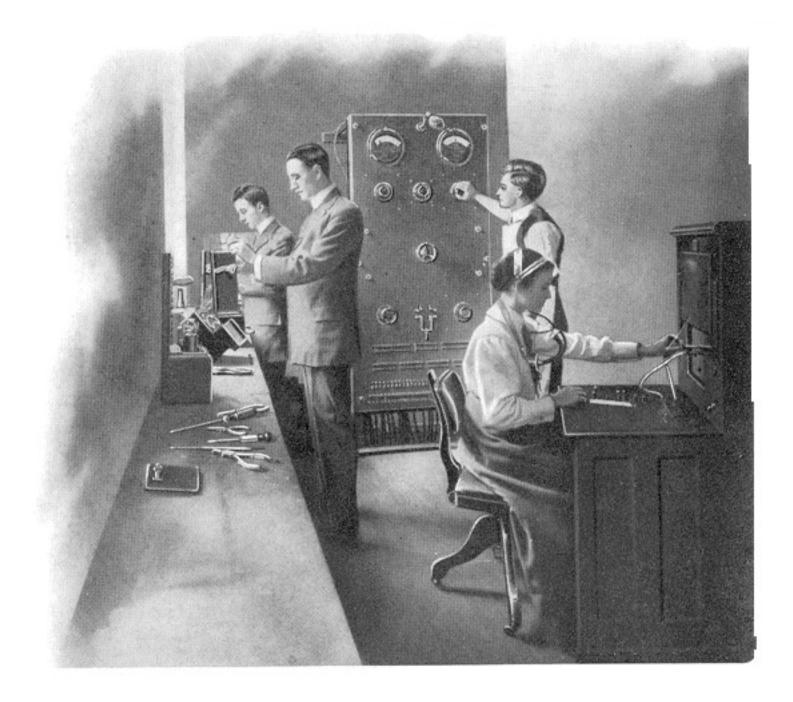
Yours respectfully,

THE BROWERVILLE TELEPHONE COMPANY.

By . J. S. Staut .... Sec'y.

A view in the Gray Laboratory

Making a test under the supervision of The Western Electric Company's engineers



MARTIN MARUGG, SRCY. A TREAS.

E. K. KITTS, GEN. MO'R.

#### DIXIE TELEPHONE COMPANY

TNCORPORATED

TRACY CITY. TENN.. 3/18/09.

The Gray Tel. Pay Station Co.,

Hartford, Conn.

Gentlemen:

Yours of the 16th received. We take pleasure in saying that we believe Gray Pay Stations are the best on the market. The fact that we are now using the Gray exclusively and have several other makes on our shelves, which have been discarded, tells what we think better than any written testimonial.

Very truly yours,

Gen. Mgr.

# PIEDMONT TELEPHONE AND TELEGRAPH COMPANY GENERAL OFFICES

W T LOVE, PRESIDENT

W T CENTRY, VICE, PRESIDENT

ADDISON MAUPIN, SECRETARY

T CARSON, THEASUNER

B BABINGTON, CENTRAL MARASEN

GASTONIA, N. C.

Feb. 3rd, 1909.

The .Gray Telephone Pay Station Co.,

Hartford, Conn.

Gentlemen: -

Your favor of Feb. 1st, received. We beg to say that we are using throughout our territory a number of Gray Automatic Pay Stations. They give us satisfactory service, and we recommend them to any one needing a first class "Slot Machine."

Yours truly,

RBE/DP

General Manager

BOARD OF DIRECTORS

Dr. G. W. MINIUM, President E. P. PERRY, Vice President E. S. STOVER Secretary V. B. BILLINGS, Treasures C. L. DARROW O. M. THOMPSON P. W. TUCKER

### Edinboro Telephone Co.

INCORPORATED 1904.

C. Th Knowlton, Mgr., Bbinboro Cel. Co.

EDINBORO, PENNSYLVANIA,
APRIL 2, 1909.

The Gray Telephone Pay Station Co.,

Hartford, Connecticut.

Kind Sirs:

We have used your Pay Stations for two years and find them perfectly satisfactory in every way.

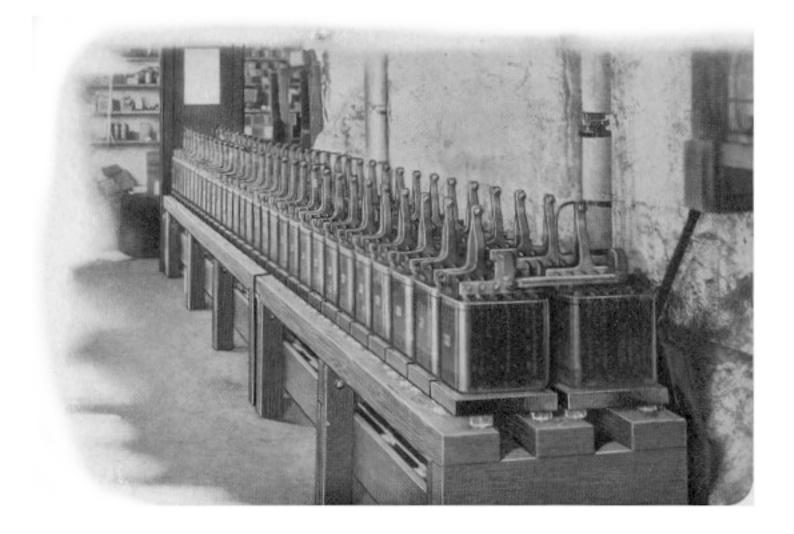
Respectfully,

THE EDINBORO TELEPHONE COMPANY.

C. R. Throwler Mgr.

The main bank
of batteries
installed in our
factory for
supplying energy
for our testing
requirements

This battery consists of 64 chloride accumulators, 2 rows of 32 in series on each side of the battery stand, having a capacity of 100 ampere hours supplying current for all building call and telephone circuits



JAMES H. SHINE. Pres. IRVING H. GRISWOLD, V. Pres.

GEO. R. WILSDON, Secy. and Trens. OLIVER J. HAWKINS, Mgr.



# THE COHOES-WATERFORD HOME TELEPHONE CO.

Cohoes, N.Y. March 28th, 1969.

LOOK FOR THE SHIELD.

The Gray Telephone Pay Station Co.,

Hartford, Conn.

Gentlemen:

Referring to yours of recent date regarding the efficiency of the Gray Automatic Pay Station, would say that we are now using Gray Automatic exclusively, and find it the best station that we have ever used. Up to the present time, we have not had one case of trouble with the Gray Automatic.

Yours truly,

Cohoes-Waterford Home Telephone Co.,

By O. & Hour lives Mgr.

#### THE DELAWARE COUNTY TELEPHONE CO.





Manchester, Iowa, 2/27/09

The Gray Telephone Pay Station Co., 64 Asylum Street, Hartford, Conn.

Gentlemen:

We have in use a number of the Gray Automatic Pay Stations, and we consider them the most reliable and satisfactory of any that we have ever used. We are using them exclusively.

Yours very truly,

Chas & Peturou

Sec

San Antonio, Texas, January 31, 1909.

The Gray Telephone Pay Station Co.,
Hartford, Connecticut.

Gentlemen:

We are pleased to add our testimonial to the worth and efficiency of "The Gray Tel. Pay Station." We had used several different kinds, and the past year have discarded all other kinds but yours, and now have no expense under the head of "Maintenance on Pay Stations."

From our experience, we have not seen their equal.

Respectfully,

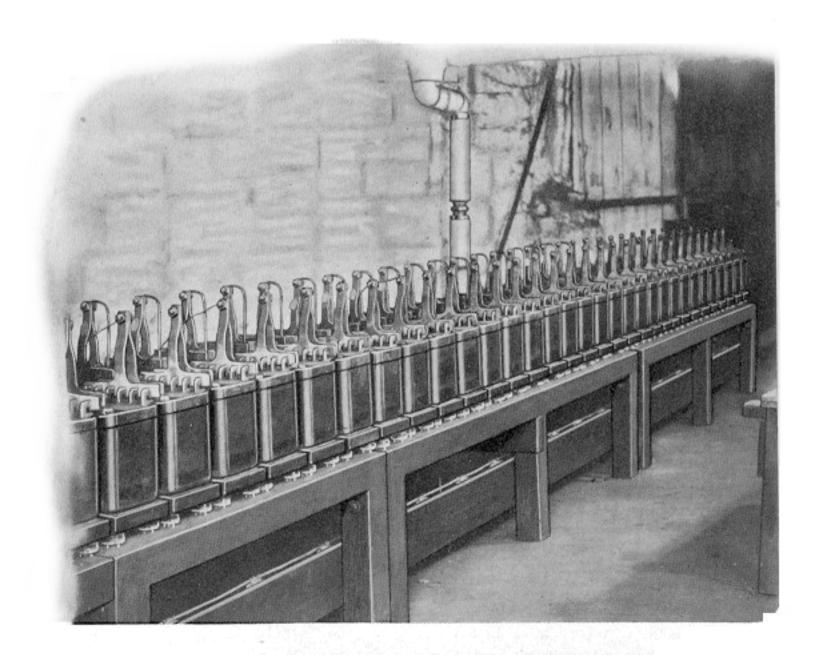
THE SAN ANTONIO IND. TEL. CO.

G. M. Waylor, Sec'y & Treas.

D. W. Walker, Pres. & Gen. Mgr.

Auxiliary Group of batteries

For the various testing and commercial purposes, voltages of 2, 4, 8, 24, 30, 48, 66, 70, 88, and 128 are necessary, while a constant potential of 120 volts is obtained by using a regulating switch for cutting in and out of the battery circuit any one or more of the last 20 cells



### The El Paso Telephone Co.

Incorporated.

EL PASO. ILL., 4/5/09.

The Gray Telephone Pay Station Co.,

Hartford, Conn.

Gentlemen:

We are glad to tell you that we believe the Gray Automatic Pay Stations are the most reliable and satisfactory on the market. We are using them to the exclusion of all others.

They are giving perfect satisfaction and are money makers for us. We are glad to recommend them to any telephone exchange.

Yours very truly,

RESident & Manager.



J. L. W. ZIETLOW, PRESIDENT W. G. BICKELHAUPT, SECRETARY

ABERDEEN, S. D. March 6, 1909.

Gray Telephone Pay Station Co.,

Hartford, Connecticut.

Gentlemen:

In answer to your inquiry of March 3rd, desire to say that we have found but very little trouble with the many pay stations we have purchased from you, in fact, none of the trouble has been due to the construction of the Gray Pay Station. We are well pleased with their workings.

Respectfully yours.

DAKOTA CENTRAL TELEPHONE CO.

President

JNO. C. MILLS, PRESIDENT.

E. BREMON QUINN, SEC. & TREAS.

POE. W. ESKRIDGE,

#### RUTHERFORDTON TELEPHONE @.

ORGANIZED 1899

RUTHERFORDTON.N. C.

RUTHERFORDTON, NORTH CAROLINA,

March 29, 1909.

The Gray Telephone Pay Station Co.,

Hartford, Connecticut.

Gentlemen:

Answering your letter of March 26th, in regard to Gray Pay Stations.

We have used several of Gray Pay Stations and they have been very satisfactory.

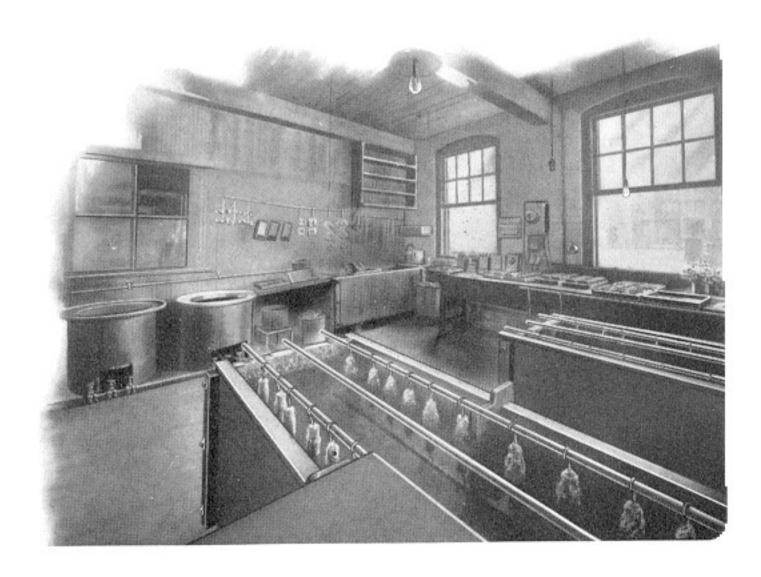
Very truly yours.

THE RUTHERFORDTON TELEPHONE CO.

J.W. Enkrilge Mgr.

A view of our plating department

All operations from the raw material to the finished product are done in our factory





### The Clinton Telephone Company

PLATTSBURGH, N. Y.

March 10th, 1909.

The Gray Pay Station Co ..

Hartford, Conn.

Gentlemen:

Yours of the 9th at hand. This Company, from its organization, have used Gray Automatic Pay Stations exclusively. This shows what we think of them.

Respectfully yours.

CLINTON TELEPHONE CO.

FEG/F

J. 1 Gardinee ganager.

### SUNAPEE TELEPHONE CO.,

D. W. BARTON, MANAGER.



Sunapee, N. H., March 12, 1909.

The Gray Telephone Pay Station Co ..

Hartford, Conn.

Gentlemen:

Yours of the 9th at hand. We are using Gray Autometic Pay Stations and find them reliable and satisfactory. No Telephone Company should be without them.

Yours truly,

THE SUNAPER TELEPHONE CO.,

DWBallon Manager.



# The Home Telephone and Telegraph Co.

COR, MAIN AND CLINTON STS.

DIRECTORS
CHARLES S. BASE, Pur.
JOHN B. REVSS, VICE-Pur.
WM. L. MOELLERIMN, Sec.
MAX B. FISHER, THOSE,
181DOR LEHMAN
P. W. SMITH

0. M43 MOPMANN W. A. BONN,

FORT WAYRS, IND. February 11, 1909

The Gray Tel. Pay Station Co.,

Hartford, Conn.

Gentlemen:

In answer to your inquiry of February 5th, we wish to inform you that we have quite a number of Gray Pay Stations in service and find them satisfactory, being the most reliable and the cost of maintenance very low.

Very truly yours.

THE HOME TELEPHONE & TELEGRAPH CO.

Hank X. Stanke. E.

Our enameling room is the most up-to-date in this country. The ovens are heated by electricity. The control of all the ovens is on one panel board where there is a switch for each oven and automatic C. & H. clapper switch, which is operated by a time clock and main-line switch

We get a perfectly clear black finish every time on every piece with exact uniformity



**QUBJECT:** 

#### PETERSBURG TELEPHONE COMPANY

WM. B. MCILWAINE, PRESIDENT W. T. GENTRY, VICE-PRESIDENT C. M. GILLIAM, MANAGER

MANAGER'S OFFICE, 24 UNION STREET PETERSBURG, VA.

Feb. 26, 1909.

The Gray Telephone Pay Station Co.,

Hartford, Conn.

Gentlemen:

We have quite a number of Gray Automatic Pay Stations in use and they are entirely satisfactory.

Yours very truly,

Petersburg Telephone Co.,

Manager



The Bourbon County Home Telephone Company Incorporated

PARIS, KY., March 27th, 1909.

The Gray Telephone Pay Sta. Co.,

Hartford, Conn.

Gentlemen:-

In reply to your letter of March 25th, beg to advise that your Pay Stations have proved entirely satisfactory, and we find them as you recommended in every respect.

Yours very truly.

THE BOURBON COUNTY HOME TEL. CO.

H. S. Sowler Gen. Mgr.

J E. JOHNSON, PRESIDENT
JNO F NELSON, JR., VICE: PRESIDENT

DR. J. W LANKFORD, SECT A TREAD

### New Church Telephone Company

LOCAL AND LONG DISTANCE SERVICE

NEW CHURCH, VA. March 23th, 1909.

#### TESTIMONIAL

The Gray Telephone Pay Sta. Co.,

Hartford, Connecticut.

Gentlemen:

Yours of the 25th to hand and noted. We beg to state that we have been using the Gray Automatic Pay Stations for about one year, and they have given us perfect satisfaction.

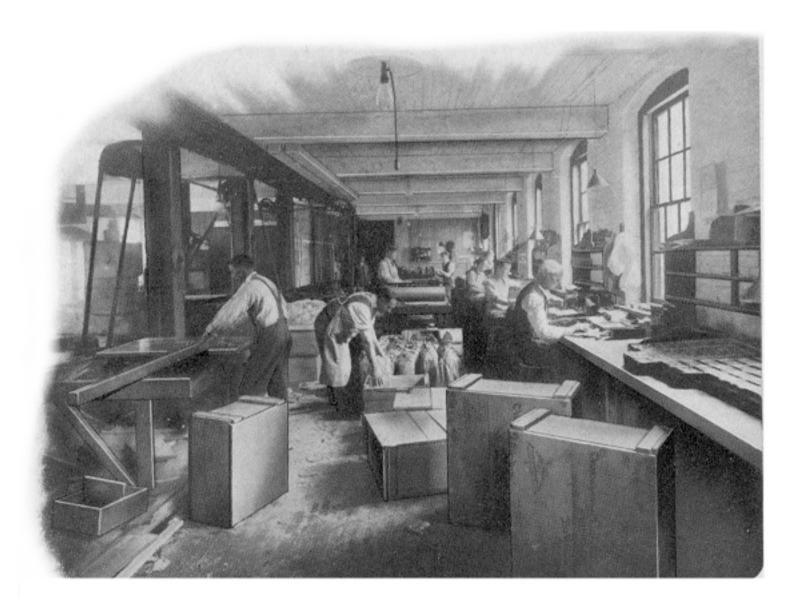
Yours very truly,

THE NEW CHURCH TELEPHONE COMPANY

Dr J.W. Sankford G. M.

A view in the shipping room

From this department we send the finished pay stations to all parts of the world





### HOME TELEPHONE CO.

WEATHERFORD TEXAS March 15th, 1909.

The Gray Telephone Pay Station Co.,

Hartford, Connecticut.

Gentlemen:

In reply to your letter of the 12th, regarding Gray Automatic Pay Stations, we beg to advise that we are using them exclusively and they give entire satisfaction, and to figure the maintenance would be worth more than the expense itself.

Yours truly,

HOME TELEPHONE COMPANY

Manager.

### Nashville Telephone Co.

Jong Pistance Connection With the World.

0. Ø. Cavruth. Manager.

Mashville, Ark., \_\_ April 1, 1909

The Gray Telephone Pay Station Co.,

Hartford, Conn.

Dear Sirs:

Your letter of the 26th ult. at hand in regard to the Gray Pay Station.

find the Gray Pay Station to be the only one for good service.

Yours very truly,

THE HASHVILLE TELEPHONE COMPANY,

Cannoth Ner.

### The Following is but a Partial List of the Telephone Companies Using Gray Pay Stations:

#### ALABAMA

Home Telephone Co.,	Mobile.	Fayette Telephone Co.,	Fayette.
Home Telephone Co.,	Birmingham.	Lanier Telephone Co.,	Hartford.
Central Tele. Construction Co.,	Birmingham.	Madison Telephone Co.,	Madison.
Camp Hill Telephone Co.,	Camp Hill.	Stockton Mutual Tele. Co.,	Bay Minnette.
Clay County Telephone Co.,	Ashland.	Red Level & Georgiana Tele.	
Eastern Shore Telephone Co.,	Fairhope.	Exchange,	Red Level.
Enterprise Telephone Co.,	Enterprise.		

### ARIZONA

Bisbee Improvement Co.,	Bisbee.	Consolidated Tele. &	Elec. Co.,	Tucson.
	Detroit Copper Mining Co.,	Morenci.		
• 1	ARKANS	AS		

Eldorado Telephone Co.,	Eldorado.	Southern Tel. & Teleg. Co.,	Hot Springs.
Earle & Tyronza Tel. & Teleg. Co.,	Earle.	Altheimer Tele. & Teleg. Co.,	Altheimer.
De Valls Bluff & Des Arc Tel. Co., De	Valls Bluff	Home Telephone Co.,	Morrilton.
Valley Telephone Co.,	Warren.	Newark Telephone Co.,	Newark.
Nashville Telephone Co.,	Nashville.	Tiller Telephone Co.,	Tiller.
Bell Telephone Co.,	Lonoke.	England Telephone Co.,	England.

#### CALIFORNIA

Pacific States Tele. & Teleg. Co., Sa	an Francisco.	Home Tele. & Teleg. Co.,	Los Angeles.
Imperial Telephone Co.,	Imperial.	United States Long Distance	
Colusa County Telephone Co.,	Williams.	Telephone Co.,	Los Angeles.

#### COLORADO

Colorado Telephone Co.,	Denver.	Delta County	Co-Operative	Tele. Co.,	Paonia.
			_	and the second second	

#### CONNECTICUT

Southern New England Tele. Co.,

#### FLORIDA

Peninsular Telephone Co.,	Tampa.	Jasper Telephone Co.,	71.14	Jasper.
Ocala Telephone Co.,	Ocala.	Lake Worth Telephone Co.,	West	Palm Beach.
Southern Tele. Construction Co.,	Tallahassee.	Leesburg Telephone Co.,	0.000	Leesburg.
Deland Telephone Co.,	Deland.	Miami Telephone Co.,	1	Miami.
East Florida Telephone Co.,	Daytona.	McIntosh Telephone Co.,	1	McIntosh.

#### GEORGIA

Southern Bell Tele. & Teleg. Co.,	Atlanta.	Bainsbridge Telephone Co.,	Bainsbridge.
McRae-Helena Telephone Co.,	McRae.	Central Ga. Telephone Co.,	Macon.
Gainesboro Telephone Co.,	Carrollton.	Cotton Belt Tele. & Teleg. Co.,	Cuthbert.
Lavonia Telephone Exchange,	Lavonia.	Colquith Telephone Co.,	Colquith.
Danielsville & Comer Tele. Co.,	Comer.	Drake Telephone Co.,	Pelham.
Abbeville Telephone Co.,	Abbeville.	Edison Telephone Co.,	Edison.
Douglas Telephone Co.,	Douglas.	Georgia Tele. & Teleg. Co.,	Savannah.
Bowen Telephone Co.,	Fitzgerald.	Hart County Telephone Co.,	Hartville.
Blakely Telephone Co.,	Blakely.	Pelham Telephone Co.,	Pelham.
La Grange Telephone Co.,	La Grange.	Stephen County Telephone Co.,	Toccoa.
Atlanta Tele. & Teleg. Co.,	Atlanta.	Sylvester Tele. & Teleg. Co.,	Sylvester.
TT7(1	m 1 1 0	777 1 1	

#### Washington Telephone Co., Washington.

### IDAHO

Independent Long Distance Tele	. Co.,	Boise.	North Idaho Telephone Co.,	Wallace.
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	********	144	
Princeton Telephone Co.,	Princeton.	Citizens Telephone Co., Ca	mbridge City.
Steuben County Elec. Tele. Co	., Angola.	Roachdale Union Telephone Co.,	Roachdale.
Delaware & Madison Counties T	ele.Co., Muncie.	Rushville Co-operative Tele. Co.	, Rushville.
Indianapolis Telephone Co.,	Indianapolis.	Home Telephone Co.,	Elkhart.
Jennings County Tele. Co.,	North Vernon.	South Bend Home Tele. Co.,	South Bend.
Citizens Telephone Co.,	Terre Haute.	Knightstown Telephone Co.,	Knightstown.

#### INDIANA - Continued

Cadwallader Telephone Co.	
Citizens Telephone Co.,	
Hoosier Telephone Co.,	
Parke County Telephone Co	.,
Nappanee Telephone Co.,	
Home Tele. & Teleg. Co.,	
West Lebanon Telephone Co	o.,
Madison Telephone Co.,	
Lynn Local Telephone Co.,	
Bloomington Home Tele. Co	٠.,
Martinsville Telephone Co.,	
Central Union Telephone Co	٥.,
The state of the s	

West Lebanon.
Brazil.
Salem.
Rockville.
Nappanee.
Fort Wayne.
West Lebanon.
Madison.
Lynn.
Bloomington.
Martinsville.
Indianapolis.

Chicago.

Freeport.

Martinton.

Eel River Telephone Co., Eel River. Farmers Citizens Tele. Co., Frankton. Farmers Mutual Tele. Co., Columbia City. Francisville Telephone Co., Francisville: Vincennes. Knox County Home Tele. Co., Martinsville Telephone Co., Martinsville. Merchants Mutual Tele. Co., Michigan City. Osgood Telephone Co., Indianapolis. Pendleton Telephone Co., Pendleton. Plainville. Plainville Telephone Co., Providence Telephone Co., Bargesville. Richmond. Richmond Home Telephone Co.,

#### ILLINOIS

Chicago Telephone Co.,
Stephenson County Tele. Co.,
Local Telephone Co.,
Vermillion County Tele. Co.,
Wayne County Telephone Co.,
Carroll County Ind. Tele. Go.,
Petersburg Telephone Co., **
Richland County Telephone Co.
El Pasco Telephone Co.,
Duncan Telephone Co.,
Argenta Telephone Co.,
Bureau County Ind. Tel. Co.,
Quincy Home Telephone Co.,
Citizens Telephone Co.,
Crawford County Mutual
Telephone Co.,
Danvers Telephone Co.,
Empire Telephone Co.,
Spring Grove Telephone Co.,

Danville.
Fairfield.
Savana.
Petersburg.
Onley.
El Pasco.
Duncan.
Argenta.
Princeton.
Quincy.
Pekin.

Robinson.
Danvers.
Bradford.
Spring Grove.

Shimel Telephone Co., Casey. Freeport Tele. Exchange Co., Freeport. Oblong Telephone Co., Oblong. Monmouth Telephone Co., Monmouth. Cartersville. Carterville & Herrin Tele. Co., Dixon Home Telephone Co., Dixon. Eastern Ind. Telephone Co., Kankakee. Farmers Mutual Telephone Co., Lawrenceville. Harrisburg Ind. Tele. Co., Harrisburg. Home Telephone Co., Champaign. Macomb. Illinois Western Telephone Co., Independent Tele. & Teleg. Co., Nauvoo. Inter State Ind. Tele. & Teleg. Co. Peoria. Kewanee. Kewanee Home Telephone Co., Kinlock Bloomington Tele. Co., Bloomington. Kinlock Telephone Co., Granite City. Lamotte Co-operative Tele. Co., Palestine. Nebo. Pike County Telephone Co., Rockford. Rockford Home Telephone Co.,

#### IOWA

Iowa Telephone Co.,	Des Moines.
Lindel & Adel Telephone Co.,	Adel.
Independent Telephone Co.,	Council Bluffs.
Iowa Central Telephone Co.,	Iowa Falls.
Interior Telephone Co.,	Grinnel,
Cedar Rapids&Marion Tele. C	o., Cedar Rapids.
Marshall Telephone Co.,	Marshalltown.
Hawkeye Telephone Co.,	Des Moines.
Moravia Telephone Co.,	Moravia.
New State Telephone Co.,	Sioux City.
Jasper County Telephone Co.,	Newton.
Western Elec. Tele. System,	Mason City.
Ottumwa Telephone Co.,	Ottumwa.
Washington Telephone Co.,	Washington.
Home Telephone Co.,	Oskaloosa.
Musson Bros. Co.,	Atlantic.
Corn Belt Telephone Co.,	Waterloo.
Jefferson County Tele. Co.,	. Fairfield.
Mt. Pleasant Telephone Co.,	Mt. Pleasant.
German American Tele. Co.,	Salena.
Harlan & Avoca Tele. Co.,	Harlan.
Hurmence E. H. Tele. Co.,	New Hampton.
Independent Mutual Tele. Co.	, Shenandoah.
Johnson County Tele. Co.,	Iowa City.
Koerner Telephone Co.,	Klemme.
Moravia Tele. & Teleg. Co.,	Moravia.

Washington Telephone Co., Washington. Sigourney. Peoples Telephone Co., Des Moines. Mutual Telephone Co., Northwood Telephone Co., Northwood. Delaware County Tele. Co., Manchester. Spirit Lake Telephone Co., Spirit Lake. Manilla. Manilla Telephone Co., Ackley Telephone Co., Ackley. Albia. Albia Telephone Co., Fort Dodge Telephone Co., Fort Dodge. Seymour Telephone Co., Seymour. Waucoma. Alpha Telephone Co., Boone. Boone County Telephone Co., Carroll County Telephone Co., Carroll. Central Iowa Telephone Co., Lagle Grove. Central Mutual Telephone Co., Rockwell. City Telephone Co., Sidney. Cranford County Tele. Co., Denison. Decatur County Mutual Tele. Co. Leon. Fowler Telephone Co., Pella. Rock Valley. Rock Valley Telephone Co., Southern Iowa Telephone Co., Mt. Ayr. Sioux City Telephone Co., Sioux City. Tingly Telephone Co., Tingly. Tama Telephone Co., Tama. Woodbine Telephone Co., Logan.

La Bette County Telephone Co.	. Chetopa.	Anderson County Tele. Co.,	Garnett.
Linn Rural Telephone Co.,	Linn.	Baxter Telephone Co.,	Baxter Spring.
Spearville Telephone Co.,	Spearville.	Cauker City Telephone Co.,	Cauker City.
Topeka Independent Tele. Co.,	Topeka.	Citizens Telephone Co.,	St. Joseph.
Wareham-Dewey Tele. Co.,	Junction City.	Clearwater Telephone Co.,	Clearwater.
Galena Home Telephone Co.,	Galena.	Carthage Telephone Co.,	Carthage.
Girard Mutual Telephone Co.,	Girard.	Hays Telephone Co.,	Hays.
Salina Telephone Co.,	Salina.	Larned Telephone Co.,	Larned.
Wichita Independent Tele. Co.,	Wichita.	Leoti Telephone Co.,	Leoti.
B. & B. Telephone Co.,	Hutchinson.	Lima Rural Telephone Co.,	Lima.
Atchison Telephone Co.,	Atchison.	Peoples Telephone Co.,	Leavenworth.
Ellis Telephone Co.,	Ellis.	Russell Telephone Exchange,	Russell.
Northeast Kansas Tele. Co.,	Hiawatha.	Scott City Telephone Exchange,	Scott City.
그는 그 그는 그를 살아가 되는 것이 되었다. 그 사람들이 얼마나 그 때문에 다른 것이 없었다.			

Bourbon Co. Home Tele. Co., Paris. Lawrenceburg Home Tele. Ex., Law			Lawrenceburg.
Bowling Green Home Tele. Co., Bowling Green.		Independent L. D. Tele. Co., Louisville.	
Louisville Home Tele. Co.,	Louisville.	Huntsville Telephone Co.,	Huntsville.
Eastern Kentucky Home Tele. Co.,	Pikeville.	Camp Ground Telephone Co.,	Barboursville.
Big Sandy Telephone Co.,	Olive Hill.	Campbellsville Telephone Co., C	Campbellsville.
Shelby County Telephone Co.,	Shelbyville.	Central Home Telephone Co.,	Louisville.
Henderson Tele. & Teleg. Co.,	Henderson.	Falls Church Telephone Co.,	Falls Church.
Mayfield Home Telephone Co.,	Mayfield.	Frankford Telephone Co.,	Frankford.
Fayette Home Telephone Co.,	Lexington.	Ghent Telephone Co.,	Ghent.
Cynthiana Telephone Co.,	Cynthiana.	Paducah Home Telephone Co.,	Paducah.
Glasgow Home Telephone Co.,	Glasgow.	Perry County Telephone Co.,	Jackson.
Old Kentucky Tele. & Teleg. Co.,	Winchester.	Park City Telephone Co.,	Ashland.
Mayfield Telephone Co.,	Mayfield.	West Mayfield Telephone Co.,	Wingo.
Middleboro Home Tele. Co.,	Middleboro.	Russellville Home Tele. Co.	Russellville.
Meade	County Telephone	Co. Braddenshurg	

Bernice Telephone Co.,	Bernice.	Southern Telephone Co.,	Oakdale.
Callahan Lumber Co.,	Midland.	Shreveport Home Tele. Co.,	Shreveport.
	Breaux-St. Martin T		10.000 Telephone 1.00

Somerset Farmers Co-operative			Moosehead Telephone Co.,	Greenville.
Telephone Co.,	Norridgewock.		Ossipee Valley Tel. & Teleg. C	co., Cornish.
Katahdin Farmers Tele. Co.,	Island Falls.	110	Central Maine Power Co.,	Waterville.
Maine Tele. & Telegraph Co., 1	Livermore Falls.		Danforth Telephone Co.,	Danforth.
Winn Telephone Co.,	Winn.		Forest Tele. & Teleg. Co.,	Calais.
Brownsville Telephone Co.,	Brownsville.		Hartland & St. Albans Tele. C	o., Hartland.
Lewiston & Auburn Tele. Co.,	Lewiston.		Island Telephone Co., Sou	thworth Harbor.
Fort Kent Telephone Co.,	Fort Kent.		Knox Tele, & Teleg. Co.,	Rockland.
West Penobscot Tele. & Teleg.	Co., Corinna.	1	Lewiston & Green Mounta	in
Northestern Telephone Co.,	Portland.	41 (42)	Telephone Co.,	Monmouth.
Eastern Telephone Co.,	Rockland.		Monroe & Brooks Tele. Co.,	Searsport.
Mount Vernon Telephone Co.,	Mt. Vernon.	4 5 1 1	Pine Tree Telephone Co.,	New Gloucester.
Somerset Telephone Co.,	Madison.	V. S.	St. Francis Telephone Co.,	Fort Kent.
Var	Telephone & Te	legraph	Co., Bethel.	

Chesapeak & Potomac Tele. Co.,	Baltimore.	36 4	Dry Run Telephone Co.,	Clear Springs.
Citizens Telephone Co.,	Ellicott City.		Farmers & Merchants Tele. Co.,	Hillsboro.
Carroll County Telephone Co.,	Sykesville.		Garrett County Telephone Co.,	Oakland.
Western Maryland Tele. Co.,	Cumberland.		Maryland Telephone Co.,	Baltimore,
Frederick County Telephone &			Quaker Neck Telephone Co.,	Chestertown.
Telegraph Co.,	Frederick.	1.79	Severna Park Tele. & Teleg. Co.,	Robinson Sta.

MINDIANICOLIA					
Heath Telephone Co.,	Shelburne Falls.	New England Tele. & Teleg. Co.,	Boston.		
Automatic Telephone Co.,	New Bedford.	State Line Telephone Co.,	State Line.		

#### MICHIGAN

Michigan State Telephone Co.,	Detroit.	Homer Telephone Co.,	Homer.
Saginaw Valley Telephone Co.,	Saginaw.	Moores Telephone System,	Caro.
Home Telephone Co.,	Detroit.	Union Telephone Co.,	Alma.
Cass County Home Tele. Co.,	Dowagiac.	Addison Telephone Co.,	Addison.
Plymouth Telephone Co.,	Plymouth.	Benzie County Telephone Co.,	Frankfort.
Finch Telephone Exchange Co.,	Encanaba.	Boyne Valley Telephone Co.,	Boyne Falls.
Livingston County Mutual		Chapin Mutual Telephone Co.,	Elsie.
Telephone Co.,	Fowlerville.	Citizens Tele. & Teleg. Co.,	Grand Rapids.
Washenaw Home Telephone Co.,	Ann Arbor.	Consolidated Telephone Co.,	Sandusky.
Onaway Telephone Co.,	Onaway.	Hillsdale County Tele. Co.,	Pittsford.
Manistique Telephone Co.,	Manistique.	Kibbie Telephone Co.,	South Haven.
Adrian Telephone Co.,	Adrian.	Memphis Telephone Co.,	Memphis.
Menominee Range Tele. Co., In	ron Mountain.	Otsego County Telephone Co., Gay	
Lake Shore Telephone Co.,	Hart.	Sandusky Telephone Co.,	Sandusky.
Southern Michigan Tele. Co.,	Burr Oak.	Thumb Telephone Co.,	Deckerville.
Blissfield Telephone Co.,	Blissfield.	United Home Telephone Co.,	Hart.
Citizens Telephone Co.,	Grand Rapids.	Wayne County Telephone Co.,	Plymouth.
	MINN	ESOTA	

Morthwestern Tele. Exchange			Ammandale Telephone Co.,	Ammandale.
Co.,	Minneapolis. Callaway Telephone Co.,		Callaway.	
New Ulm Rural Tele. Co.,	New Ulm.		Cannon Falls Telephone Co.,	Cannon Falls.
Canon Valley Telephone Co.,	Waterville.		Citizens Telephone Co.,	Bell Plain.
Zenith City Telephone Co., 4	Duluth.		Clearwater County Tele. Co.,	Bayly.
Luverne Telephone Co.,	Luverne.	1.	Commercial Telephone Co.,	Belgrade.
Browerville Telephone Co.,	Browerville.		Faith Telephone Co.,	Twin Valley.
Sandstone Telephone Co.,	Sandstone.		Felton Rural Telephone Co.,	Felton.
Merchants & Farmers Tele. Co.,	Shakopee.		Duluth Telephone Co.,	Duluth.
Enterprise Telephone Co.,	Edgerton.		Fairmount Telephone Co.,	Fairmount.
Dwelle Telephone Co.,	Lake City.		Hutchinson Telephone Co.,	Hutchinson.
Mankato Citizens Tele. Co.,	Mankato.		Minn. Central Telephone Co.,	Minneapolis.
Kandiyohi County Tele. Co.,	Willmar.		Nicollet County Telephone Co.,	St. Peter.
Minnesota Central Tele. Co.,	Willmar.		Norman County Telephone Co.,	Ada.
Peoples Telephone Co.,	Chatfield.		Rochester Telephone Co.,	Rochester.
Twin City Telephone Co.,	Minneapolis.		Tri-State Telephone Co.,	St. Paul.

#### MISSISSIPPI

Avara & Calvert Tele. & Teleg. Co., Philadelphia.	Hattiesburg Home Tele. Co.,	Hattiesburg.
Yazoo Valley Tele. & Teleg. Co., Greenwood.	Meridian Telephone Co.,	Meridian.
MIC	PATTE	

	MIS	SOURI	36.1
Missouri & Kansas Tele. Co.,	Kansas City.	Suburban Telephone Co.,	Clayton.
Citizens Telephone Co.,	Frederickton.	Oregon & Forest City Tele. Co.,	Oregon.
Kinlock Long Distance Tele.	Co., St. Louis.	Home Telephone Co.,	Joplin.
Citizens Telephone Co.,	St. Joseph.	Buffum Telephone Co.,	Louisiana.
Missouri Valley Telephone Co	., Carrollton.	Eldorado Springs Tele. Co.,	Eldorado.
Springfield Home Tele. Co.,	Springfield.	Nevada Telephone Co.,	Nevada.
Northwestern Missouri Tele.	co., Tarkio.	Albany Telephone Co.,	Albany.
Bell Telephone Co. of Mo.,	St. Louis.	Capitol Telephone Co.,	Jefferson.
Bluff City Telephone Co.,	Bluff City.	Commercial Telephone Co.,	Union.
Cape Girardean Bell Tele.		Lead Belt Telephone Co.,	Flat River.
Co.,	Cape Girardean.	Home Telephone Co.,	Fremont.

#### MONTANA

	MUN	IANA	
Dakota Western Tele. Co., Lakin, Westfall & Co.,	Bainville. Mills City.	Montana Ind. Telephone Co., Water Users Electric Co.,	Butte. Mondake.
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White Pine	Telephone	Co.,	Ely.

#### NEBRASKA

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Nebraska Telephone Co.,	Omaha.	Chadron Telephone Co.,	Cnadron.
Hooper Telephone Co.,	Hooper.	Crawford Telephone Co.,	Crawford.
Auburn Telephone Co.,	Auburn.	Fremont Telephone Co.,	Fremont.

### NEBRASKA — Continued

Thayer County Telephone Co.,	Hebron.	Farmers Home Telephone Co.,	Shelton.
Plattsmouth Telephone Co.,	Plattsmouth.	Fairbury Telephone Co.,	Fairbury.
Fullerton Telephone Co.,	Fullerton.	Hebron Telephone Co.,	Hebron.
Nebraska City Telephone Co.,	Nebraska City.	Lawrence Telephone Co.,	Lawrence.
New Home Telephone Co.,	Beatrice.	Lincoln Tele. &. Teleg Co.,	Lincoln.
Stella Telephone Co.,	Stella.	Madison County Farmers Tele-	2111001111
Albion Loretta Telephone Co.,	Albion.	phone Co.,	Madison.
Arapahoe Telephone Co.,	Arapahoe.	Moosefield Farm & Ranch Tele-	
Campbell Telephone Co.,	Campbell.	phone Co.,	Moosefield.
Central Telephone Co.,	Sargent.	Monroe Ind. Telephone Co.,	Genoa.
Crete Telephone Co.,	Crete.	Saline Telephone Co.,	Friend.
Daykins Telephone Co.,	Daykins.	Seward County Tele. Co.,	Beaver.
Diller Telephone Co.,	Diller.	Southeast Neb. Tele. Co.,	Falls City.
Douglas Telephone Co.,	Douglas.	Ulysses Ind. Telephone Co.,	Ulysses.
Farmers Ind. Telephone Co.,	Red Cloud.	York County Telephone Co.,	St. Paul.

Carthage Telephone Co.,	Carthage.	Asheville Telephone Co.,	Asheville.
Rutherfordton Tele. Co.,	Rutherfordton.		Black Mountain.
Iredell Telephone Co.,	Statesville.	Carolina Tele. & Teleg. Co.,	Tarboro.
Home Tele. & Teleg. Co.,	Henderson.	City Telephone Co.,	Southern Pines.
North State Telephone Co.,	High Point.	Mt. Gilead Telephone Co.,	Mt. Gilead.
Piedmont Tele. & Teleg. Co.,	Gastonia.	Norfolk & Carolina Tele. Co.,	Elizabeth City.
Chadbourn Telephone Co.,	Chadbourn.	Raleigh Telephone Co.,	Raleigh.
Morris Telephone Co.,	Roxboro.	Ralford Telephone Co.,	Ralford.
Elizabeth City Telephone Co.,	Elizabeth City.	Thomasville Telephone Co.,	Thomasville.
Mathews Telephone Co.,	Siler City.	Tyrrell Telephone Co.,	Columbia.
City Telephone Co.,	Southern Pines.	Washington & Hyde Tele. Co.	
Lexington Telephone Co.,	Lexington.	Wallace Telephone Co.,	Wallace.
Asheboro Telephone Co.,	Asheboro.	Wadesboro Telephone Co.,	Wadesboro.

North Dakota Ind. Tele Co.,	Fargo.		Farmers & Merchants Tele. Co.	, Flaxton.
Max Telephone Co.,	Max.		Farmers Telephone Co.,	Eckman.
Red River Valley Tele. Co.,	Northwood.		Golden Valley Telephone Co.,	Beach.
Minot Light & Telephone Co.,	Minot.		Great Northern Telephone Co.,	
Barnes County Tele. & Teleg. Co.,	Marion.		Griggs County Telephone Co.,	Cooperstown.
Boundary Telephone Co.,	Sarles.		Lawton Telephone Co.,	Lawton.
Burlington Farmers Tele. Co.,	Burlington.		Langdon Telephone Co.,	Langdon.
Carpio Telephone Co.,	Carpio.	Y	Michigan City Telephone Co.,	
Citizens Telephone Co.,	Bathgate.		Milnor Rural Telephone Co.,	Milnor.
Dakota & Montana Tele Co.,	Hettinger.		Northern Telephone Co.,	Minot.
Dakota Central Telephone Co.,	Ledgerwood.		Oberon Telephone Co.,	Oberon.
	NEW :	HAMPS	SHIRE	

Sunapee Telephone Co.,	Sunapee.		Lake Morey Tele. & Teleg.	
Citizens Telephone Co.,	Laconia.		Co.,	West Lebanon.
Henniker Telephone Co.,	Henniker.		Meredith Telephone Co.,	Meredith.
White Mountain Tele. & Teleg.	Co., Plymouth.		North Conway and Jacks	
Woodsville Telephone Co.,	Woodsville.	100	Telephone Co.,	North Conway.
Kearsarge Telephone Co.,	Salisbury.		Wakefield Telephone Co.,	Sanburnville.
Coos Telephone Co.,	Lancaster.	EX.	Wilton Telephone Co.,	Wilton.
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Farmers Telephone Co.,	New Lisbon.	Hammonton Tele. & Teleg. Co., Hammonton.
Farmers Union Telephone Co.,	Sussex.	Interstate Tele. Co. of N. J., Trenton.
Hackettstown Tele. & Teleg.		Independent Tele. & Teleg. Co., Burlington.
Co.,	Hackettstown.	Middlesex Telephone Co., Monmouth Jct.

#### NEW MEXICO

#### **NEW YORK**

New York.

New York Telephone Co.,	New Tork.
Rose Hill Telephone Co.,	Rose Hill.
Interlake Telephone Co.,	Canandaigua.
Interlake Telephone Co.,	Little Falls.
Black River Telephone Co.,	Lowville.
Utica Home Telephone Co.,	Utica.
	Fulton.
Oswego County Ind. Tele. Co.,	Johnstown.
Glen Telephone Co.,	
Otsego Home Telephone Co.,	Cooperstown.
Albany Home Telephone Co.,	Albany.
	Montour Falls.
Northwestern Tele. & Teleg. Co.	, Carthage.
East Springfield Telephone Co.,	Cherry Valley.
Columbia Telephone Co.,	Hudson.
Earleville Telephone Co.,	Earleville.
Cohoes-Waterford Home Tele. Co	o., Cohoes.
Dunkirk Home Tele. Co.,	Dunkirk.
Schroon Lake & Crown Point	
	Schroon Lake.
20102	Bergen.
Bergen Telephone Co.,	
Niagara County Home Tele. Co.	, Magara rans.
Warwick Valley Telephone Co.,	Warwick.
Bolivar Telephone Co.,	Bolivar.
Suffolk County Tele. Co.,	Patchogue.
Commercial Union Tele. Co.,	Troy.
Lake Side Telephone Co.,	Lyndonville.
Crown Point Telephone Co.,	Crown Point.
Ripley Telephone Co.,	Ripley.
Oxford Valley Telephone Co.,	Oxford.
Cayuga Southern Telephone Co.	Aurora.
Rural Tele. & Teleg. Co.,	Pottersville.
Rural Tele. & Teleg. Co.,	Rochester.
Rochester Telephone Co.,	North Creek.
North Creek Telephone Co.,	Schenectady.
Schenectady Home Tele. Co.,	Cato.
Cato & Meridian Tele. Co.,	
County Tele. Co. of Herkimer,	Herkimer.
Perry Telephone Co.,	Perry.
Frontier Telephone Co.,	Buffalo.
Citizens Telephone Co.,	Watertown.
Brockport Telephone Co.,	Brockport.
Auburn Telephone Co.,	Auburn.
Colonial Telephone Co.,	Newburgh.
York State Telephone Co.,	Binghamton.
Johnstown Telephone Co.,	Johnstown.
Fulton Telephone Co.,	Fulton.
McDougall Telephone Co.,	McDougall.
Little Valley Telephone Co.,	Little Valley.
	Plattsburg.
Clinton Telephone Co.,	Port Byron.
Port Byron Telephone Co.,	
Weedsport Telephone Co.,	Weedsport.
Cazenovia Telephone Co.,	Cazenovia.
Sherman Telephone Co.,	Sherman.
Citizens Standard Tele. Co.,	Kingston.
Prattsburg Overland Tele. Co.,	Prattsburg.
Chestertown Telephone Co.,	Chestertown.
Erie-Wyoming Telephone Co.,	Sardinia.
Orange County Telephone Co.,	Middletown.
Home Telephone Co.,	Albion.
Norwood Telephone Co.,	Norwood.
Onondaga Ind. Tele. Co.,	Syracuse.
Ononduga ind. Tolo: Ooi,	

New York Telephone Co.,

Howes Cave & Carlisle Tele. Co. Howecave: Norwich. Marquis Telephone Co. Potsdam. Adirondack Home Tele. Co., Alexandria Bay. Alexandria Bay Tele. Co., Amsterdam Automatic Tele. Co., Amsterdam. Arkville. Arkville Home Tele. Exchange., Baiting Hollow & Roanoke Tele Co., Roanoke. Bainbridge. Bainbridge Telephone Co., Belmont. Belmont Citizens Tele. Co., Narrowsburg. Big Eddy Telephone Co., Boston. Boston Valley Telephone Co., Burdett. Burdett Home Telephone Co., Catskill Mountain Tele. Co., Jewett. Chautauqua Tele. & Teleg. Co., Watts Flats. Chester. Chester Telephone Co., Chemung. Chemung Telephone Co., Round Lake. Clinton Park Telephone Co., Cortland. Cortland Home Tele. Co., Cobleskill. Cobleskill Telephone Co., Copake. Copake Telephone Co., Whitehall. Cooperant Telephone Co., Delaware River Telephone Co., Ellenville. Delaware & Sullivan Tele. & Long Eddy. Teleg. Co., Dankirk. Dunkirk & Fredonia Tele. Co., Eden Center. Eden Telephone Co., Buffalo. Federal Tele. & Teleg. Co., Cohoes: Farmers Ind. Telephone Co., Moravia. Farm & Village Tele. Co., Saranac Lake. Franklin Tele. & Teleg. Co., Fulton Chain Tele. & Teleg. Co. Fulton Chain. Pottersville. Glen Dell Telephone Co., Gowanda. Gowanda Bell Tele. & Teleg. Co., Hammondsport Telephone Hammondsport. Co., Oneonta. Home Telephone Co., Independent Telephone Co., Syracuse. Little Falls. Inter State Telephone Co., Independent Union Tele. Co., Medina. Ithaca. Ithaca Telephone Co., Jefferson County Tele. Co., Watertown. Montrose Falls. Montrose Falls Tele. Co., Saranac Lake Mountain Home Tele. Co., New York & Vermont Home Granville. Telephone Co., Newburg. Newburg Home Tele. Co., Maguire Falls. Maguire Co. Home Tele. Co., North Lawrence. Nichols Home Tele. Co., No. Lawrence. Nicholville Home Tele. Co., Stittsville. Oneida Rural Telephone Co., Phelps. Phelps Home Telephone Co., Orange. Pioneer Telephone Co., Brocton. Portland Telephone Co., Tannersville. Kaaterskill Telephone Co., Rome. Rome Home Telephone Co., Hunter. Schoharie Valley Tele. Co., Savannah. Savannah Telephone Co., Stanley. Seneca Gorham Telephone Co. Seneca Falls. Seneca Co. Home Tele. Co., Steamburg. Seneca Ind. Telephone Co.,

#### NEW YORK — Continued

Sherburne Telephone Co.,	Sherburne.	Warrensburg Tele. Exchange,	Warrensburg.
Skanateles Telephone Co.,	Skanateles.	Waterville Telephone Co.,	Waterville.
State Line Telephone Co.,	Peekskill.	Watervliet & Green Island	11
Unadilla Valley Farm Tele. Co.	, So. New Berlin.	Home Telephone Co.,	Watervliet.
Van Pike Telephone Co.,	Port Jervis.	Warren Telephone Co.,	Gowanda.
Wayne & Monroe Tele. Co.,	Newark.	Westport & Essex & Lewis Tele	. Co., Wadham.
Walton Telephone Co.,	Walton.	Western Sullivan Tele. Co.,	Calicoon.
Wayne Co. Telephone Co.,	Williamsburg.	West Shore Telephone Co.,	Catskill.
w	yoming County Tele.	Co., Castile.	* 1

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Cleveland Telephone Co.,	Cleveland.		New Ottawa County Tele. Co.,	Elmore.
Cincinnati & Suburban Bell			Portage County Tele. Co.,	Ravenna.
Telephone Co.,	Cincinnati.		Co-operative Telephone Co., Nor	th Madison.
Jefferson & Warren Tele. Co.,	Orangeville.		Palmyra Telephone Co.,	Diamond.
Perry County Telephone Co.,	New Lexington.		Stark County Telephone Co.,	Canton.
Star Telephone Co.,	Ashland.		Union County Telephone Co.,	Marysville.
Bainbridge Telephone Co.,	Chagrin Falls.		Medina Telephone Co.,	Medina.
Willoughby Telephone Co.,	Willoughby.		Adena Exchange Telephone Co.,	Adena.
Cedarville Telephone Co.,	Cedarville.		Cuyahoga Telephone Co.,	Cleveland.
Cumberland Ind. Tele. Co.,	Cumberland.		Beach City Home Tele. Co.,	Beach City.
Citizens Telephone Co.,	Delaware,		Brown County Ind. Tele. Co.,	Georgetown.
Madison Telephone Co.,	Geneva.		Caldwell-Mariette Tele. Co.,	Warner.
Edgerton Telephone Co.,	Edgerton.		Eastern Ohio Telephone Co., Eas	t Rochester.
Sandusky Telephone Co.,	Sandusky.		Eaton Telephone Co.,	Eaton.
Peoples Telephone Co.,	Mt. Blanchard.		Tanner & Merchants Tele. Co.,	Paris.
Hamilton Home Tele. Co.,	Hamilton.		Greenville Home Tele. Co.,	Greenville.
Home Telephone Co.,	Dayton.		Grand Rapids Mutual Tele. Co., G	rand Rapids.
Citizens Telephone Co.,	Circleville.		Harrison & Jefferson Co. Tele. Co.,	Cadez.
Covington Home Tele. Co.,	Covington.		Jackson County Home Tele. Co.,	Jackson.
Toledo Home Telephone Co.,	Toledo.		Killbuck Telephone Co.,	Killbuck.
Youngstown Telephone Co.,	Youngstown.		Lima Tele. & Teleg. Co.,	Lima.
Columbus Citizens Tele. Co.,	Columbus.	10	Marietta Telephone Co.,	Marietta.
Ohio City Telephone Co.,	Ohio City.		Marion County Tele. Co.,	Marion.
Black River Telephone Co.,	Lorain.	10	New Bremen Telephone Co., N	lew Bremen.
Urbana Telephone Co.,	Urbana.	125	Oberlin Telephone Co.,	Oberlin.
Cambridge Home Tele. Co.,	Cambridge.		Oxford Telephone Co.,	Oxford.
Conneaut Telephone Co.,	Conneaut.		Painesville Telephone Co.,	Painesville.
Vermillion Telephone Co.,	Vermillion.		Pataskala Farmers Tele. Co.,	Pataskala.
Mansfield Telephone Co.,	Mansfield.		Piqua Home Telephone Co.,	Piqua.
Noble County Tele. Co.,	Caldwell.		마이나 지른 사용을 하는데 가게 되었다면 하는데 하면 하는데 그리다면 하는데	easant City.
Quaker City Telephone Co.,	Quaker City.			Birmingham.
Crown County Ind. Tele. Co.,			Rockford Telephone Co.,	Rockford.

London Home Telephone Co., Utica & Homer Telephone Co.,

London.

Home Telephone Co.,

#### OKLAHOMA

Spencer Telephone Co.,

Spencer.

Marshfield

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Poteau Telephone Co., Home Enterprise Tele. Co.,	Poteau. Woodward.	Big Bend Telephone Co., Northwestern Telephone Co.,	Ralston. Shattuck.
Sulphur Telephone Co.,	Sulphur.	Pioneer Tele. & Teleg. Co.,	Oklahoma City.
	Cushing Telephone Co.,	Cushing.	. ,
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#### OREGON Portland. Coos Bay Home Tele. Co.,

PENNS	YLVANIA	
Philadelphia.	Slippery Rock Ind. Tele. Co., Sl.	ippery Rock.
g	Union Telephone Co.,	Erie.
Philadelphia.	Mutual Telephone Co.,	Erie.
Elizabethville.	Federal Telephone Co.,	Pittsburg.
Nazareth.	Pittsburg & Allegheny Tele. Co.,	Pittsburg.
Dalton.	Johnstown Telephone Co.,	Johnstown.
	Philadelphia.  Philadelphia.  Philadelphia.  Elizabethville.  Nazareth.	Union Telephone Co., Philadelphia. Mutual Telephone Co., Elizabethville. Federal Telephone Co., Nazareth. Pittsburg & Allegheny Tele. Co.,

	PENNSYLVA	NIA-Continued	
Tunkhannock & Wyoming Vall		Albion Telephone Co.,	Albion.
	Tunkhannock.	Mutual Benefit Telephone Co.,	Northeast.
Telephone Co.,		Edinboro Telephone Co.,	Edinboro.
Pittsburg-Johnstown Long Dis-	Johnstown.	Americam Union Telephone Co.	Harrisburg.
tance Telephone Co.,	Holsopper.	Apollo Telephone Co.,	Apollo.
Citizens Telephone Co.,		Keystone Telephone Co.,	Philadelphia.
Vandergrift Telephone Co.,	Vandergrift.	Berwick Telephone Co.,	Berwick.
Kittanning Telephone Co.,	Kittanning.	Bethel & Mt. Etna Tele. Co.,	Bethel.
Anthracite Telephone Co.,	Carbondale.		
Peoples Telephone Co.,	Butler.	Broken Straw & Stillwater Tele-	Sheffield.
Meadville Telephone Co.,	Meadville.	phone Co.,	
Montrose Tele. & Teleg. Co.,	Montrose.	Canton & LeRoy Farmers Tele.	
New Wilmington Tele Co., Ne	w Wilmington.	Cambridge Springs Electric Tele	1.4.4.4.4
Petroleum Telephone Co.,	Oil City.	phone & Telegraph Co., Can	
Clarion Telephone Co.,	Clarion.	Central Dist. and Ptg. Tele.	
Clearfield & Huntington Tele. C	o., Clearfield.	Charleroi Telephone Co.,	Charleroi.
Somerset Telephone Co.,	Somerset.	Citizens Tele. Co. of Kecksburg	, Mt. Pleasant.
York Telephone Co.,	York.	Clearfield & Cambria Farmers	
Blairsville Telephone Co.,	Blairsville.	Mutual Telephone Co.,	Berwinsdale
Independent Telephone Co.,	New Albany.	Commercial Union Tele. Co.,	Philadelphia.
Stroudsburg & Bushkill Tele. Co		Economy Tele. Stock Co.,	Meyersdale.
West Millville Telephone Co., N	lew Bethlehem.	Elk Run Tele. Association,	Gaines.
Columbia Telephone Co.,	Columbia.	Enterprise Tele. & Teleg. Co.,	New Holland.
Bedford County Tele. Co.,	Bedford.	Farmers Telephone Co.,	Point Marion.
Juniata & Shavers Creek Tele		Freeport Tele. & Teleg. Co.,	Freeport.
	Allentown.	Green County Telephone Co.,	Waynesburg.
Consolidated Telephone Co.,	Volant.	Harrisville Telephone Co.,	Harrisville.
Plain Grove Telephone Co.,		Hollenback Telephone Co.,	Wapwallopen.
New Albany Telephone Co.,	New Albany.		Leesport.
Cochranton Telephone Co.,	Cochranton.	Leesport Rural Tele. Co.,	Loretto.
Valley Telephone Co.,	Emlenton.	Loretto Telephone Co.,	Mainville.
Keystone Electric Tele. Co.,	Pittsburg.	Mainville Telephone Co.,	
Indiana Telephone Co.,	Indiana.	Merchants & Farmers Tele. Co.	
Oxford Telephone Co.,	Oxford.	Middletown Telephone Co.,	Middletown.
40 40		ISLAND	Providence.
Westerly Automatic Tele. Co.,	Westerly.	Providence Telephone Co.,	Providence.
Conway Telephone Co.,	Conway.	Fort Mill Telephone Co.,	Fort Mill,
Peo	ples Tele. & Teleg.		
		DAKOTA	100 Pag.
Armour Telephone Exchange,	Armour.	Edgemont Tele. Co.,	Edgemont.
Dakota Central Telephone Co.,		City of Brookings Tele. Exchai	nge, Brookings.
Grant County Telephone Co.,	Milbank.	Groton-Ferney Mutual Tele. C	
그렇게 하는데 하는 그 그리다 아이를 하면서 하는데 하는데 하는데 하는데 하는데 하는데 하는데 그렇게 하는데	Hot Springs.	Great Western Tele. Co.,	Pierre.
Peoples Tele. & Teleg. Co.,		Gregory County Interstate Tel-	e-
Canton Co-operative Tele. Co.,		phone Co.,	Bonesteel.
Centerville Tele. Exchange Co.,	souri River Tele. Co		
Mis			
	1 - D. H.	IESSEE	17.
Cumberland Tele. & Teleg. Co.,		Citizens Telephone Co.,	Morristown.
Clarksville Home Telephone Co	., Clarksville.	Dixie Telephone Co.,	Tracy City.
Stantonville Telephone Co.,	Hamburg.	Butler Telephone Co.,	Butler.
Memphis Telephone Co.,	Memphis.	Cumberland Gap Tele. Co., Cu	mberland Gap.
Peo	ples Tele. & Teleg.	Co., Knoxville.	1
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Couthmenter Tale & Tales Co	and the second s	West Texas Telephone Co.,	Brownwood.
Southwestern Tele. & Teleg. Co	San Antonio	Sabine Valley Telephone Co.	Center.
San Antonio Telephone Co.,		DeLeon Telephone Co.,	DeLeon.
Canadian Long Distance Tele	The state of the s	Fayette County Tele. Co.,	La Grange.
phone Co.,	Higgins	Trans Texas Telephone Co.,	Caldwell.
Clarendon Telephone Co.,	Clarendon	Fort Worth Telephone Co.,	Fort Worth.
Independent Telephone Co.,	Kerens	Byran Telephone Co.,	Byran.
Western Telephone Co.	Big Springs	Dyran Telephone Co.,	Ta A I Green

**Big Springs** 

Western Telephone Co.,

Byran Telephone Co.,

	TEXAS	Continued	
Port Lavaca Telephone Co.,	Port Lavaca.	Corsicana Telephone Co.,	Corsicana.
Brownsville Telephone Co.,	Brownsville.	Haskell Telephone Co.,	Haskell.
Timpson Telephone Co.,	Timpson.	Hedley Telephone Co.,	Hedley.
Home Telephone Co.,	Weatherford.	Home Telephone Co.,	Waco.
Gonzales Telephone Co.,	Gonzales.	Orient-Santa Fe Telephone Co.,	Hamlin.
Texas Telephone Co.,	Waco.	Silver City, El Paso & South-	
Batesville Telephone Co.,	Batesville.	west Tele. Co	El Paso.
Beaumont Telephone Co.,	Beaumont.	Texas Central Telephone Co.,	Waco.
Brazos Telephone Co.,	Waco.	Texas Telephone Co.,	Bonham.
Bynum Telephone Co.,	Bynum.	Texarkana Telephone Co.,	Texarkana.
-,		ТАН	
Rocky Mountain Bell Tele.		Unitah Telephone Co.,	Vernal
그 이 사람들은 아무슨 가는 사람이 되었어요? 이 아내가 되었는데 하는데 아니는 아니는 그리지 않아 있다.	Salt Lake City.	Manti Telephone Co.,	Manti.
CONTRACTOR OF THE STATE OF THE		MONT	Q4.151_000.0 7000
Springfield Local Telephone Co.		Bethel Tele. & Teleg. Co.,	Bethel.
Northern Telephone Co.,	Enosburg.	Bradford Tele. & Teleg. Co.,	Bradford.
Citizens Telephone Co.,	Morrisville.	Central Telephone Co.,	Essex.
Western Tele. & Teleg. Co.,	Jonesville.	Cornwall Telephone Co.,	Brandon.
Northfield Telephone Co.,	Northfield.	Orange County Telephone Co.,	Chelsea.
그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그	outh Royalton.	Peoples Telephone Co.,	Derby Line.
Citizens Tele. & Teleg. Exchange		Strafford Telephone Co.,	Woodstock.
	hburn Telephone C		
		GINIA	
Staunton Mutual Tele. Co	Staunton.	Southern States Tele. Co.,	Norfolk.
Wythe Mutual Telephone Co.,	Wytheville.	New Church Telephone Co.,	New Church.
Albermarle Telephone Co.,	Charlottsville.	Accomac & Northampton Tele-	new charen.
[1] [1] [1] [1] [1] [1] [1] [1] [1] [1]	Rocky Mount.	**	reenbackville.
Virginia & Tennessee Tele. Co.,	Roanoke.	Herndon & Leesburg Tele. Co.,	Herndon.
Petersburg Telephone Co.,	Petersburg.	Page Valley Telephone Co.,	Luray.
Total Build Telephone Co.,			
Automatata Talambana Ca		INGTON	Seattle.
Interstate Telephone Co.,	Spokane.	Independent Telephone Co.,	Seattle.
Gentle District		IRGINIA	
Point Pleasant Telephone Co.,		Consolidated Telephone Co.,	Fairmont.
Ronceverte & Elkins Tele Co.,	Ronceverte.	Bluefield Telephone Co.,	Bluefield.
National Telephone Co.,	Wheeling.	Charleston Home Telephone Co.	
West Virginia Western Tele. Co.		Jefferson County Telephone Co.,	
Cameron Telephone Co.,	Cameron.	Ravenswood Telephone Co.,	Ravenswood.
Farmers Telephone Co.,	Van Voorhis.	· · · · · · · · · · · · · · · · · · ·	keley Springs.
Western Central Telephone Co.,		그리는 그는 그렇게 하면 하면 내려면 가장 하는 하게 되었다면 하면 하면 하는데 모르겠다면 다.	Martinsville.
Exc	hange Telephone Co		
	WISC	ONSIN	
Wisconsin Telephone Co.,		Ashland Home Telephone Co.,	Ashland.
Wonewac Telephone Co.,	Wonewac.	Cashton Telephone Co.,	Cashton.
La Crosse Telephone Co.,	La Crosse.	Chippewa County Tele. Co., Cl	hippewa Falls.
Westby Telephone Co.,	Westby.	Chippewa Valley Telephone Co.,	Ladysmith.
Portage Telephone Co.,	Portage.	Lebanon Telephone Co.,	Watertown.
Badger Tele. & Teleg. Co.,	Janesville.	New Lisbon Telephone Co.,	New Lisbon.
Jackson Telephone Co.,	Jackson.	North Wisconsin Toll Line Co.,	New Lisbon.
Eagle Telephone Co.,	Eagle.	Oxfordville Telephone Co.,	Oxford.
Hillsdale Western Tele. Co.,	Hillsdale.	Pierce County Telephone Co.,	Phillips.
Peoples Telephone Co.,	Superior.	Richfield, Huberton & Holly	
Carter-Wabeno Telephone Co.,	Wabeno.	Hill Telephone Co.,	Richfield.
Citizens Telephone Co.,	Racine.	State Long Distance Tele. Co.,	Elkhorn.
Austina Talanhana Co	Antigo	Wansan Telephone Co	Wangan

Jefferson County Telephone Co.,

Antigo.

Barron.

Madison.

Almond.

Antigo Telephone Co.,

Almond Telephone Co.,

Barron County Telephone Co.,

Dane County Telephone Co.,

Juda.

Washington County Tele. Co., Schleisingerville.

Washington Island Tele. Co., Detroit Harbor.

Cedar Lake Telephone Co., Schleisingerville.

Wausau.

Wausau Telephone Co.,

#### **Pioneers**

T is with pardonable pride we lay just claim to being the first builders of pay station equipment in the world. Our work has been that The number of inventions we have of the pioneer. taken out indicates that we have kept abreast with All of the patents which we own cover the times. inventions of primary character. One of these patents which has several years yet to run has recently been sustained by a court having final jurisdiction in patent cases as not only being valid, but the judges of this court, Messrs. Grosscup, Baker and Kohlsaat in a strongly written decision declared this patent to cover a pioneer invention. With the many patents we own and control, it is impossible to build a successful pay station without infringing our rights.

The many complicated pay station devices recently put upon the market were but the crudest of imitations which the success of our goods inspired. With the sweeping court decision rendered in our favor, our competitors have recognized the validity of our patents and we have compelled the destroying of thousands of these infringing pay stations. The only pay stations not of our make now lawfully in use are those operating under a special arrangement with suitable license plates attached, such plates being furnished by this Company.

The published letters from the Western Electric Company in behalf of their customers are self-explanatory.

#### THE GRAY TELEPHONE PAY STATION CASE.

(Gray Patent No. 593,720, Nov. 16, 1897.)

# United States Circuit Court of Appeals

FOR THE SEVENTH CIRCUIT.

THE GRAY TELEPHONE PAY STATION COMPANY,

Complainant,

US.

In Equity.

THE BAIRD MANUFACTURING COMPANY.

Defendant.

# OPINION OF JUDGES GROSSCUP, BAKER AND KOHLSAAT FILED OCT. 5, 1909, SUSTAINING BROADLY THE GRAY PATENT AS PIONEER AND BASIC, AND HOLDING IT VALID AND INFRINGED.

"Gray was the first to devise and construct a toll-station based upon the idea that the pay-boxsignal should be communicated to the transmitter by means of resonant connection between the two. He took steps to secure the utmost freedom of vibration from one to the other. His means of doing so involved a firm or rigid relation of the one to the other-such as would afford the most complete vibratory medium. This would never have been achieved without the idea of vibratory conduction of the sound signal along the solid wood or metal located in the path of vibration between the signal and the transmitter. The accidental vibration growing out of the constructions of the prior art would never have developed reliable vibratory communication. Accuracy of enunciation is the end toward which telephony is striving. Every step in advance is a victory gained While the properties of wood and metal as conductors of sound were matters of general knowledge, it cannot be said that the harnessing of this natural principle to the telephonic service was known to be practicable or practical—else why the long continued employment of the clumsy and inconvenient deflectors and signal box openings. We deem invention conclusively established. \* That defendant's pay-station complete, is an infringement of the first patent in suit, we entertain no doubt. All three of the machines shown in the record involve the principles and construction of the Gray patent. Wherein there is any difference, the rule as to equivalents obtains."

(Quoted from the opinion)

offield, Towle, GRAVES & Offield
and
HARRIE E. HART,

CHARLES K. OFFIELD, of Counsel.

Solicitors for Complainant.

# UNITED STATES PATENTS

# Patents Owned by The Gray Telephone Pay Station Company, Hartford, Conn., U. S. A.

408709	Aug. 13, 1889	682986	Sept.	17, 190	1
426266	Apr. 22, 1890	723694	Mar.	24, 190	3
448024	Mar. 10, 1891	725244	Apr.	14, 190	3
454470	June 23, 1891	727653	May	12, 190	3
462813	Nov. 10, 1891	733494	July	14, 190	3
469649	Feb. 23, 1892	753411	Mar.	1, 190	4
469650	Feb. 23, 1892	753412	Mar.	1, 190	4
481903	Aug. 30, 1892	770377	Sept.	20, 190	4
510535	Dec. 12, 1893	37283	Jan.	3, 190	5
527759	Oct. 16, 1894	782150	Feb.	7, 190	5
23825	Nov. 27, 1894	777525	Dec.	13, 190	5
25128	Feb. 4, 1896	810491	Jan.	23, 190	6
569195	Oct. 13, 1896	815107	Mar.	13, 190	6
593720	Nov. 16, 1897	821877	May	29, 190	6
593962	Nov. 16, 1897	872678	Dec.	3, 190	7
596496	Jan. 4, 1898	894388	July	28, 190	8
597556	Jan. 18, 1898	922389	Feb.	16, 190	9
598610	Feb. 8, 1898	917629	Apr.	6, 190	9
612330	Oct. 11, 1898	917742	Apr.	6, 190	9
636134	Oct. 31, 1899	932036	Aug.	24, 190	9
636135	Oct. 31, 1899	932403	Aug.	24, 190	9
645917	Mar. 20, 1900	932404	Aug.	24, 190	9
654112	July 17, 1900	992786	May	23, 191	1
664346	Dec. 18, 1900		June	11, 191	2
	011 71 4	T) 1'			

Other Patents Pending.

Foreign Patents—Canada, England, France, Norway and Sweden. Letter for Each Western Electric House to Mail to Its Associate Company on December 29th, 1910.



### Western Electric Company,

NEW YORK.

Dec. 29, 1910.

Gentlemen:

For ourselves, the American Telephone & Telegraph Company and the Associated Companies, we have recognized the validity and scope of the Gray Telephone Pay Station Patent No. 593,720, and have, by the payment of a considerable sum, made settlement for alleged infringing pay stations sold by us to your company.

The principal types of such alleged infringing pay stations which we have sold are the Western Electric No. 13 and the Baird and Livermore boxes.

The Gray Telephone Pay Station Company has agreed to furnish us a suitable license plate, containing sufficient notice to the public that each machine on which it is placed is licensed under this agreement with the Western Electric Company. If, therefore, you will be good enough to let us know the number of these license plates you would like, we shall be glad to furnish them free, so that you may fasten them to the machines now in service.

Yours truly,

WESTERN ELECTRIC COMPANY.

Letter Mailed on January 17th, 1911, by Each House to all Non-Associate Telephone Companies.



### Western Electric Company,

463 WEST STREET NEW YORK.

Jan. 17, 1911.

Gentlemen:

This company has recognized the validity and scope of the Gray Telephone Pay Station Patent No. 593,720, and has made settlement with the Gray Company for all pay stations of any alleged infringing type which have been sold by us. This includes our own No. 13 collector and the Baird and Livermore machines.

If you have in use any such pay stations which were purchased from us, and will let us know the number of each type, we shall be pleased to send you without charge a sufficient supply of Gray license plates to place thereon. The use of these plates will serve to protect you against any litigation on the part of the patentee.

It is our plan to carry in stock a supply of the more standard types of Gray pay station machines, from which prompt shipments can be made on such orders as you may place in the future. The attached booklet describes the types most generally used.

In accordance with our usual practice of protecting our customers we have paid a considerable sum in effecting the settlement outlined above and we earnestly hope that our action will serve to save you any embarrassment whatsoever.

Yours truly,

WESTERN ELECTRIC COMPANY.

# ORDERING PARTS

### IMPORTANT NOTICE

ON account of the constant changes in our stations which have been necessitated by our desire to keep ahead of the times, it will be of advantage to our customers requiring repairs or duplicate parts for any of our machines to pay particular attention to details when ordering. It will eliminate a considerable amount of correspondence and will always insure accuracy in filling orders if the broken or worn parts are returned to us with the order. In cases where it is impossible to return the parts, be sure to send a sketch of the parts required with all necessary dimensions.

A strict compliance with the above notice will aid you in receiving your goods promptly and will help us to fill your orders intelligently and accurately.