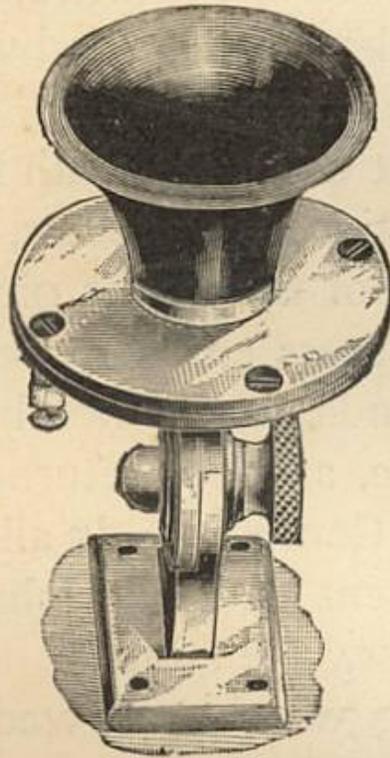


DE VEAU & CO.

MANUFACTURERS
OF

EVERYTHING ELECTRICAL

The Best Grade Only.



TELEPHONES

AND

TELEPHONE EQUIPMENT,

32 & 34 FRANKFORT STREET
NEW YORK.

Terms.

OWING to the fact that we are receiving hundreds of letters from all parts of the United States asking us to send a pair of Telephones on trial, we are forced to adopt the following uniform rule: That unless the parties ordering telephones have a satisfactory commercial rating, the order must be accompanied with the cash to receive prompt attention, or the goods may be sent C. O. D., with the privilege of examination, by express, if one-third of the price of the goods ordered is sent to cover express charges, both ways, in case the goods should not be taken out of the office, and are returned to us by the Express Company. In all cases where goods are sent C. O. D., charges for return of money are added.

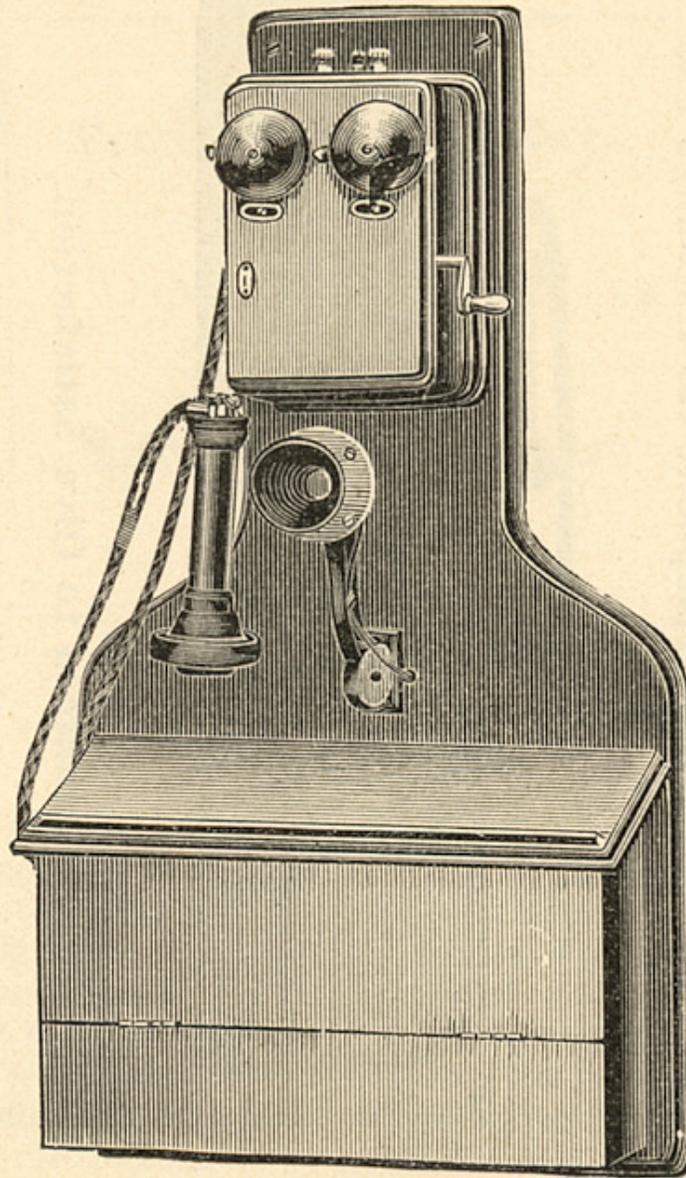
Ten days will be allowed for testing telephones, and if they do not operate satisfactorily and fulfill all requirements, they may be returned to us and the money will be refunded, less the express charges for the return of the instruments.

PLEASE NOTE,

Goods can be sent C. O. D., with privilege of 'ten days' trial.

Special Long-Distance Telephone.

GRANULATED CARBON TRANSMITTER.



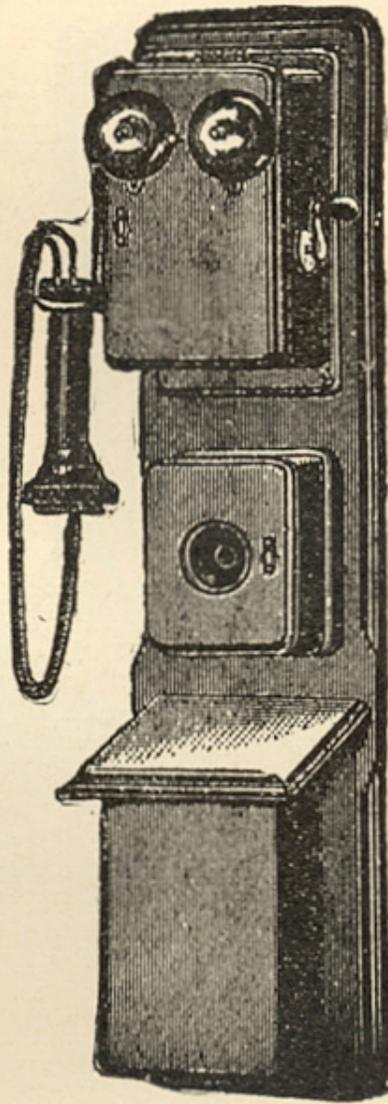
Special Set No. 13½.

- No. 13.—Two Telephones, complete, with stationary transmitter, three cells of battery with each, - - - - - \$80.00
- No. 13½.—Two Telephones, complete, with movable arm transmitter, three cells of battery with each, - - - - - \$100.00

After a long period of experimental work, we have perfected what we believe to be the best Long-Distance Telephone made. Customers wanting telephones for particular work would do well to give these instruments a trial

Battery Telephones.

This is the Best Telephone for Exchange Use.



Guaranteed to Give Satisfaction.

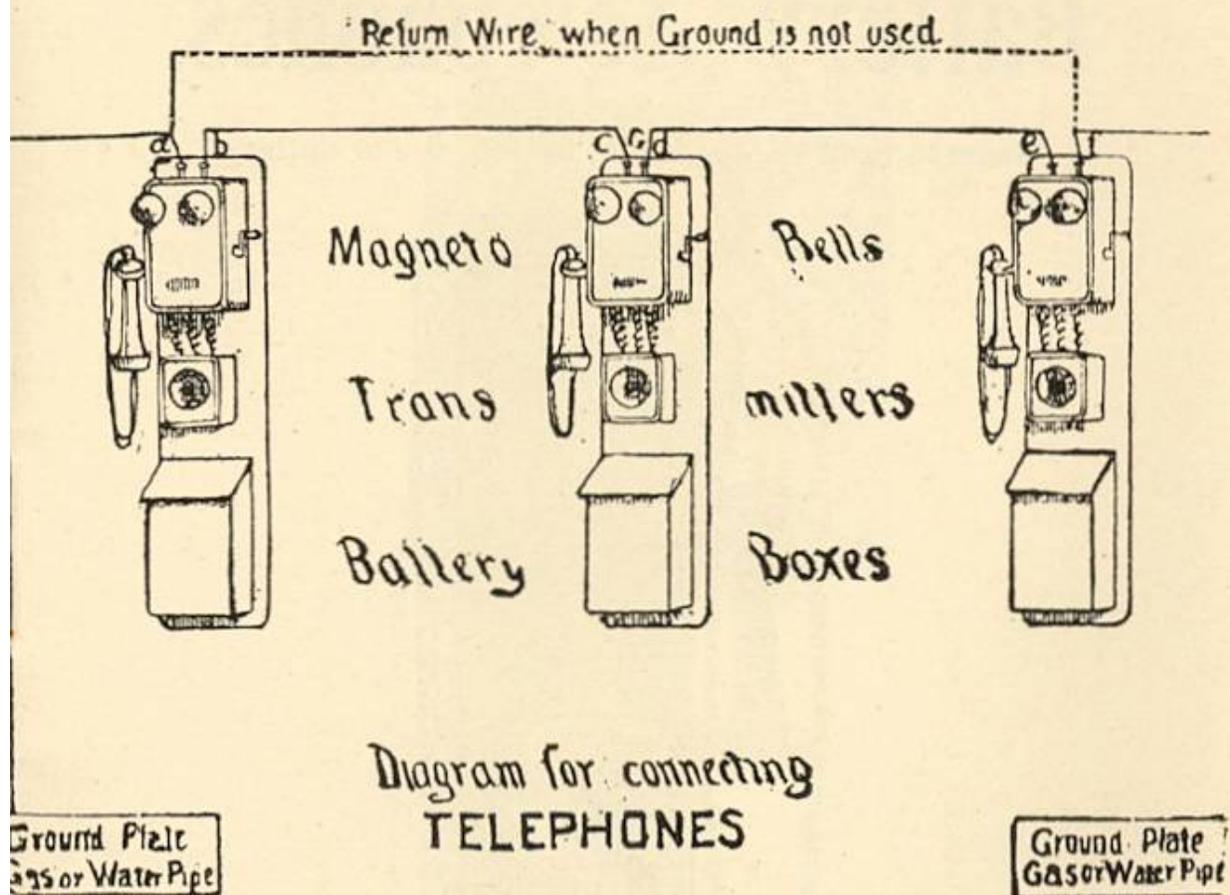
Set No. 1A.

It will talk on short or long lines—you can depend on it every day in the year.

PRICE.

No. 1A. Two Telephones, complete,
with battery, one for each end of
line, - - - - - \$56.00

Do you wish to start a Local Exchange in your town or village?

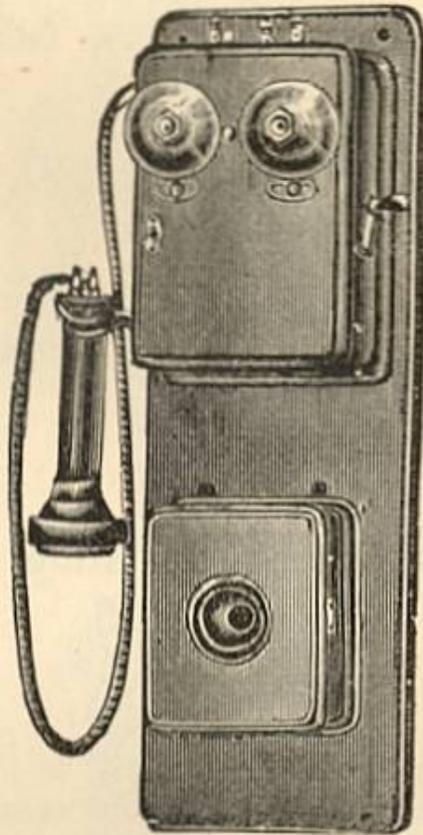


If only two instruments are to be connected, one wire is to be run from binding post marked *b* to binding post *e*, but if more than two are to be connected, they should be wired as per diagram, *b* to *c* and *d* to *e*, etc. If the terminal instruments are not far apart, the return wire may be run from *a* to *f* (as per the dotted line), otherwise a ground connection may be made from *a* to *f*. If they are to be grounded on a gas or water-pipe, wrap about two feet of bare wire tightly around the entrance pipe, and solder it well to insure a good connection. If this is not practicable, solder the ends of terminal wires to copper plates, each having a surface of three square feet, and place them three or four feet in damp earth.

For protection against lightning in all instruments except terminal ones using a ground wire, run a wire from the *centre* binding post *G* to ground, and insert plug in hole between the metal plates during a storm, taking care to remove same afterwards. In terminal instrument, where a wire already runs to ground, inserting the plug is all that is necessary.

Battery Telephones.

Same as Set No. 1A, without Battery Box or Battery.



Set No. 2B.

Experience convinces us that we have the best Telephone made.

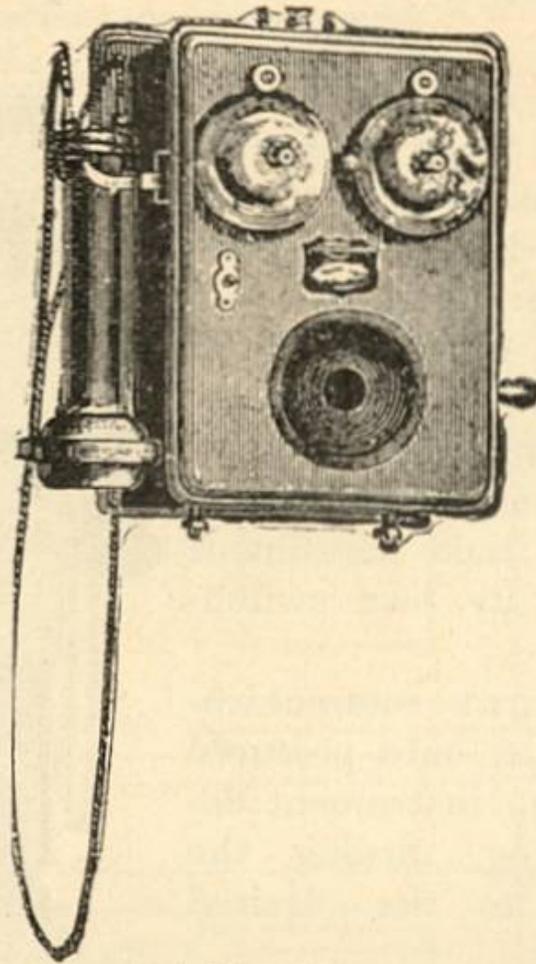
PRICE.

No. 2B. Two Telephones, complete,
without battery, one for each end
of line, - - - - - \$52.00

Battery, per cell, - - - - - 1.00

Lock Nut Binding Posts on all our Receivers.
The Cord is there to stay.

BATTERY TELEPHONES.



Set No. 3B.

The No. 3B Telephone is a Standard Magneto and Blake Transmitter combined in one box, but has neither Battery Box nor Back-board. The Battery is placed anywhere conveniently near the instrument, and wired up to the two binding posts at the bottom.

These instruments are very popular for short private lines, affording a cheap means of communication between house and factory.

**No. 3B. Two Telephones, complete,
with battery, - - - - \$44.00**

Would you not like to connect your office
and house by telephone?

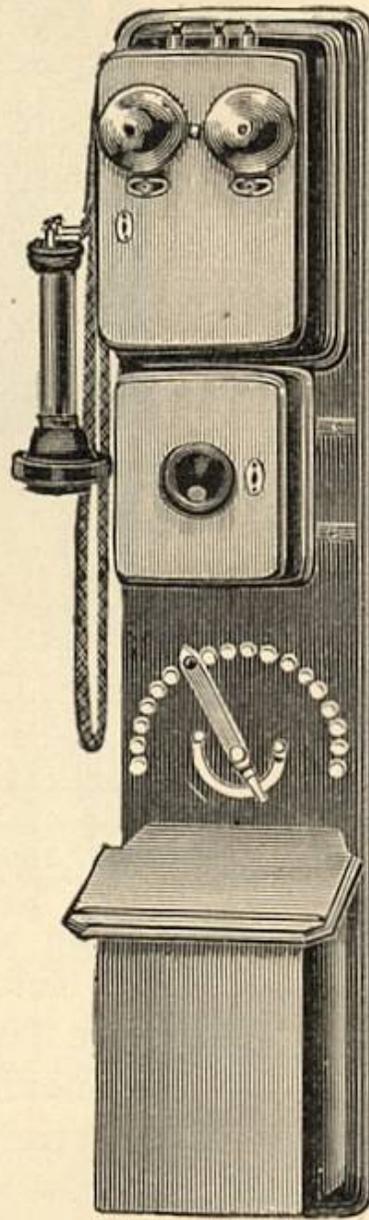
Warehouse Telephones.

This instrument consists of Blake Transmitter, Hook, Receiver, Cord, Battery Box, Battery for Transmitter, Bell and Switch, all mounted on Backboard, and wired for any number of points.

No exchange is required, each instrument having its own switchboard.

Instant communication is at once procured with the instrument desired, by turning the switch to the desired number.

The lines can be used by more than two persons at one time ; for instance, with a system of nine instruments, Nos. 1 and 3, 2 and 8, 5 and 7, 4 and 9, can converse at the same time.



No. 4½B.

Set No. 4½B, each, - - - \$30.00

Would it not save a great deal of time to have
each department of your factory
connected by telephone?

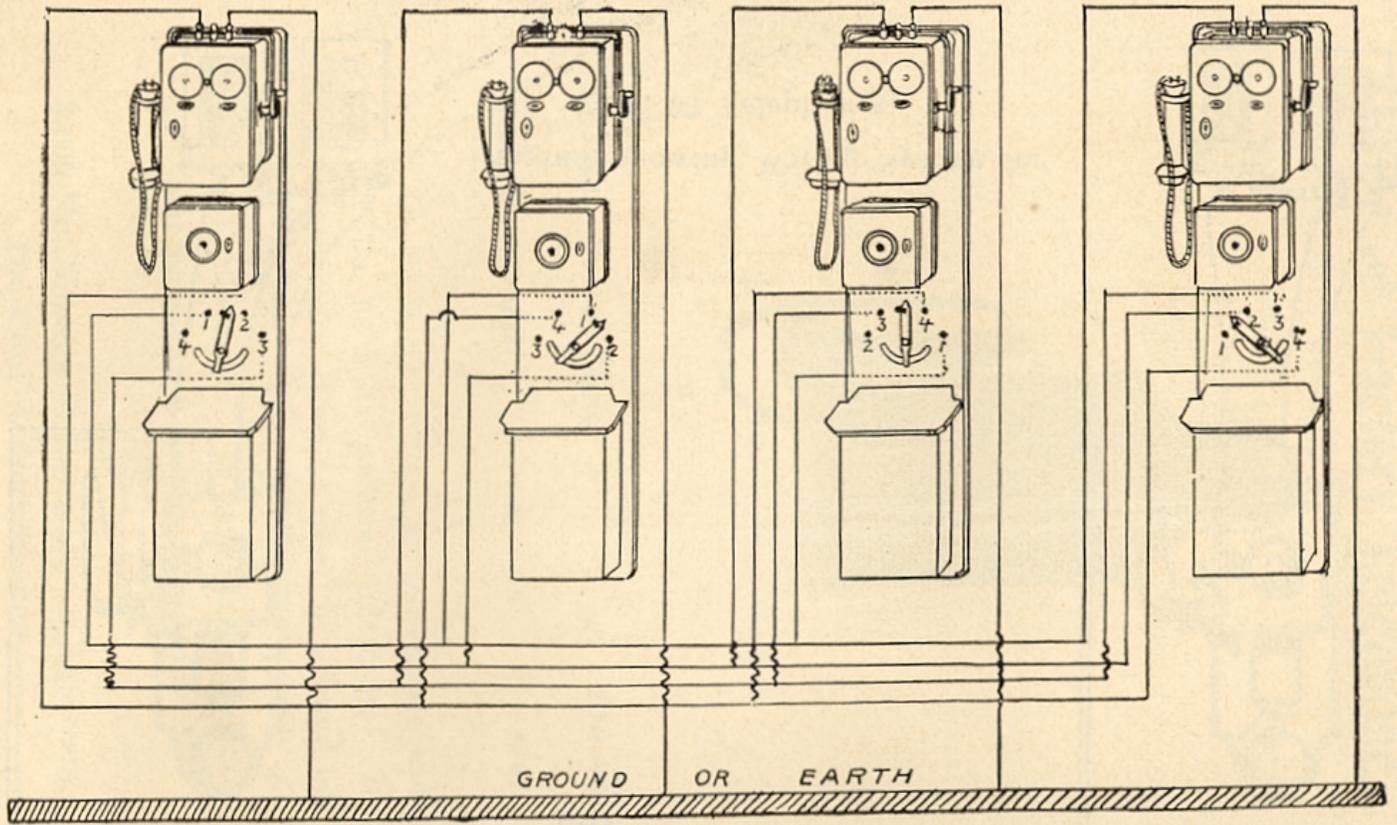


Diagram showing Wiring System for Warehouse Telephones No. 4½B.

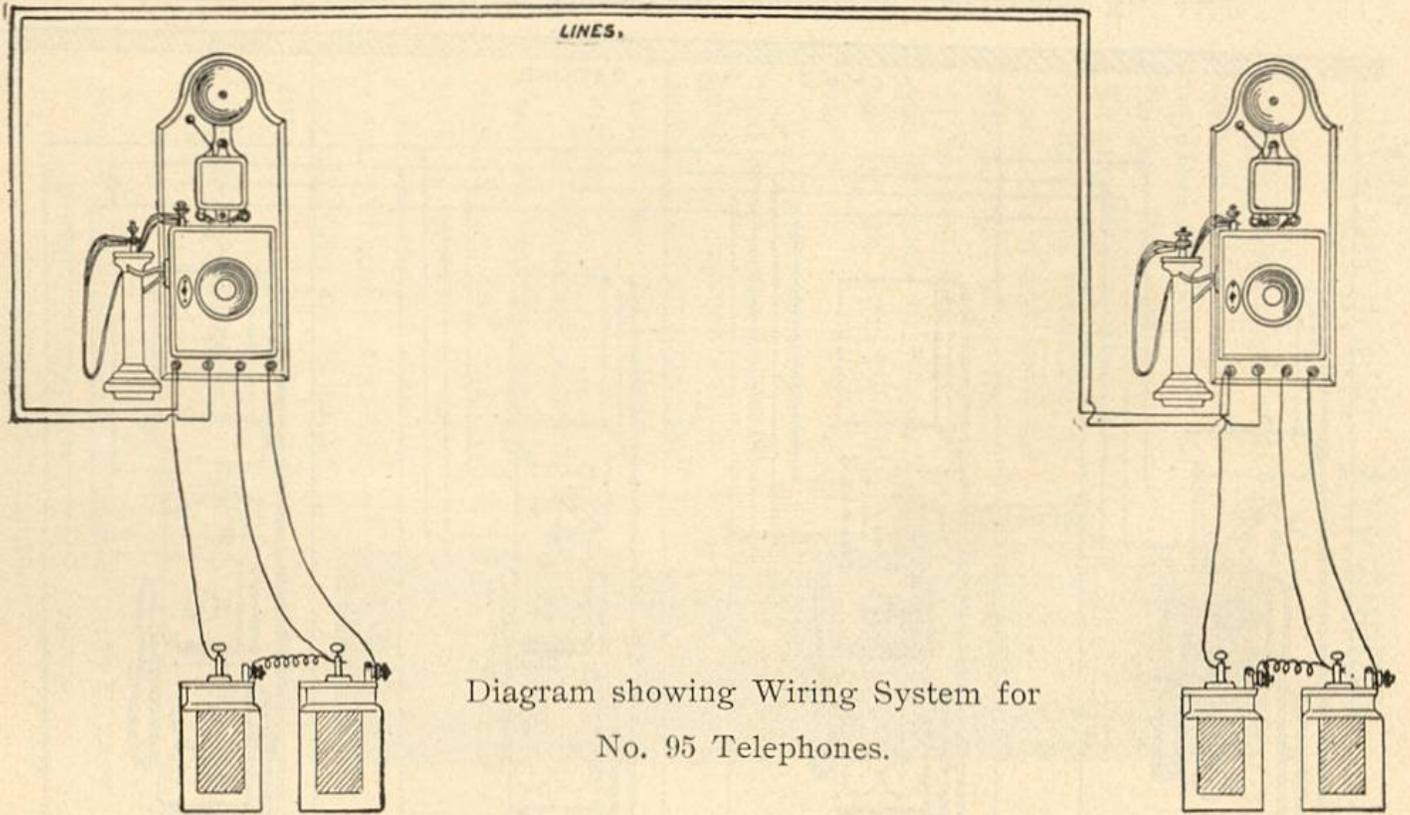
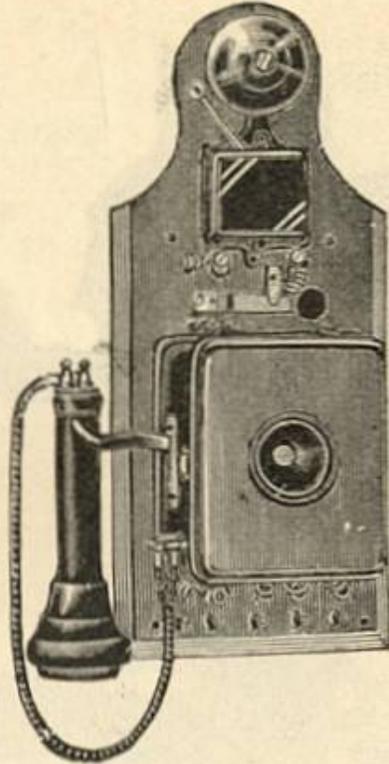


Diagram showing Wiring System for
No. 95 Telephones.

Office ^{and} Factory Telephone.



Set No. 95.

No. 95. Price, each, - - - \$16.00

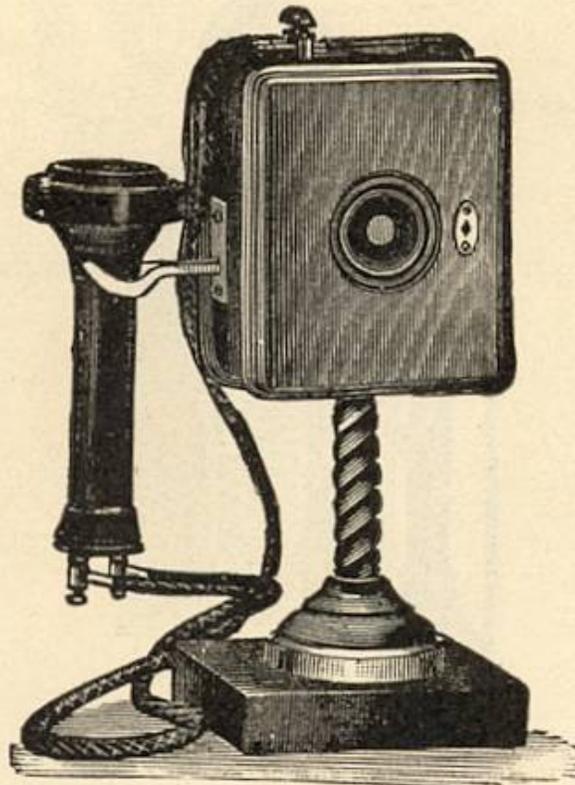
Battery, per cell, - - - - 1.00

Set No. 95 is for factory or storehouse use but can be used as general telephone. It is a battery call. Can be used on ground or metallic circuit. Only one line needed to ring and talk over. It is a finely finished and neat instrument and is easily put up.

Lock Nut Binding Posts on all our Receivers.

The Cord is there to stay !

Desk Telephones.



Set No. 3C.

No. 3C. Desk Set, each,	-	=	\$17.00
No. 3½C. Desk Set with Bell and Strap Key attached,	=	=	20.00
Battery, per cell,	=	=	1.00

Magneto bell or electric call bell can be used to signal with. When electric bell is desired the transmitter can be fitted with strap key, and bell or buzzer, whichever is desired.

When magneto bell is used it can be put anywhere, on or underneath the desk within easy reach.

Lock Nut Binding Posts on all our Receivers.
The Cord is there to stay!

Improved Desk Telephone.

With Blake Transmitter,

Or Granulated Carbon Transmitter, if preferred.

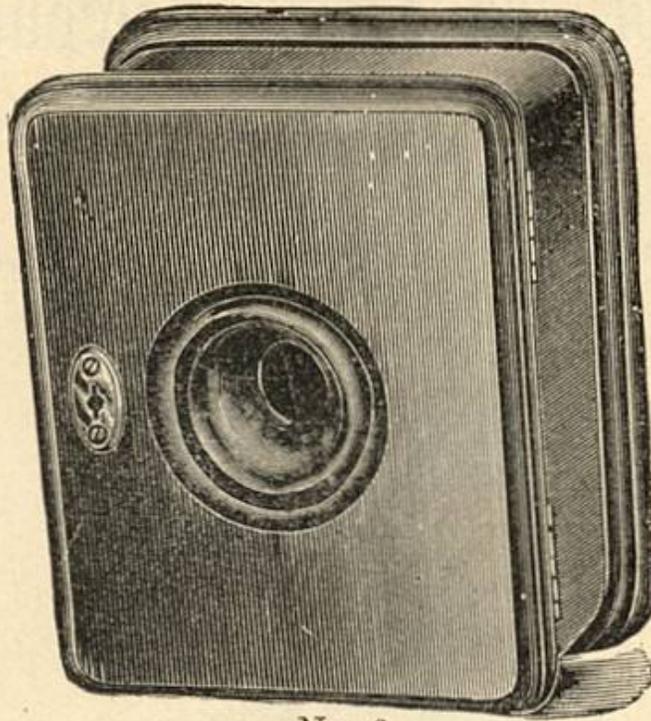


Adjustable Desk Set No. 4C.

No. 4C. Desk Set with Buzzer and
Strap Key, all complete, - \$24.00

No. 4 $\frac{1}{2}$ C. Desk Set only to be used
with Magneto, - - - \$20.00

TRANSMITTERS.

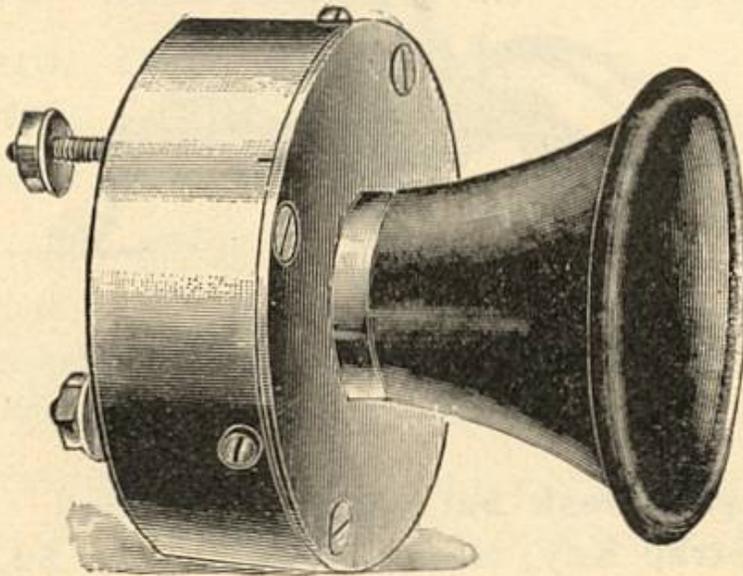


No. 6.

Blake Form Carbon Transmitter.

No. 5.	With Automatic Switch,	-	-	-	-	\$9.00
" 6.	Without Switch,	-	-	-	-	7.00
" 11.	Transmitter, without box or coil,	-	-	-	-	4.00
" 12.	Transmitter Coil only,	-	-	-	-	1.00
" 14.	" Box "	-	-	-	-	1.40

Pony Blake Transmitter.

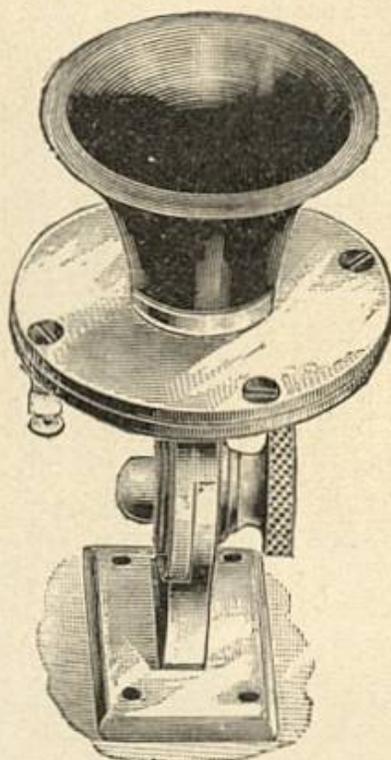


No. 6½.

No. 5½.	Pony Blake, with Induction Coil in same box,	-	-	-	-	\$8.00
No. 6½.	Pony Blake, with Induction Coil separate,	-	-	-	-	7.50

Long Distance Transmitter.

Granulated Carbon Pattern.



No. 16.

PRICE.

No. 16.	Adjustable Transmitter,	=	\$8.50
“ 17.	In box, same as Blake Transmitter,	= = = = =	8.00
No. 17½.	Long Distance Coils only,		
each,	= = = = =	=	2.00

These Transmitters require two cells of battery for short lines and three cells for long lines.

Receivers.

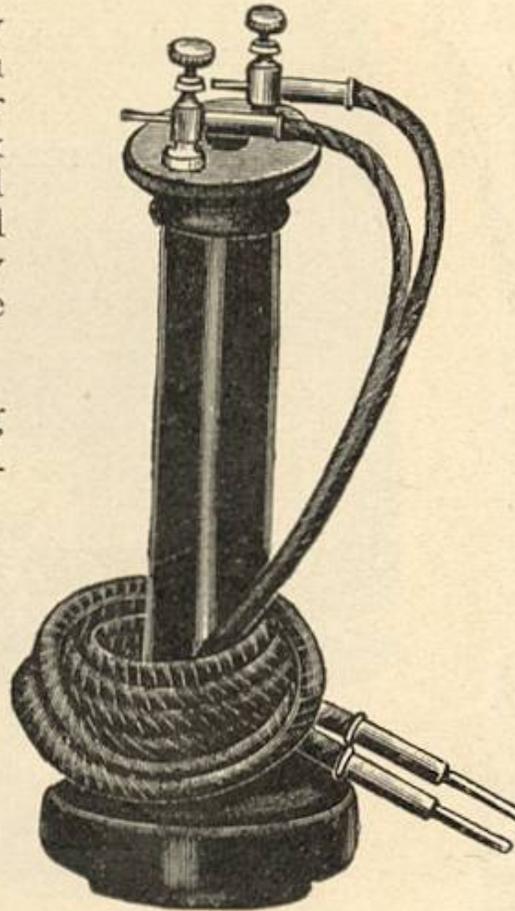
We are especially prepared to furnish the best receiver made. We use silk wound spool and powerful compound magnet and we fully guarantee it to be the best on the market.

Lock Nut Binding Posts on all Receivers.

PRICE.

No. 7.
Receiver, with cord,
\$3.00.

No. 8.
Receiver only,
\$2.00.



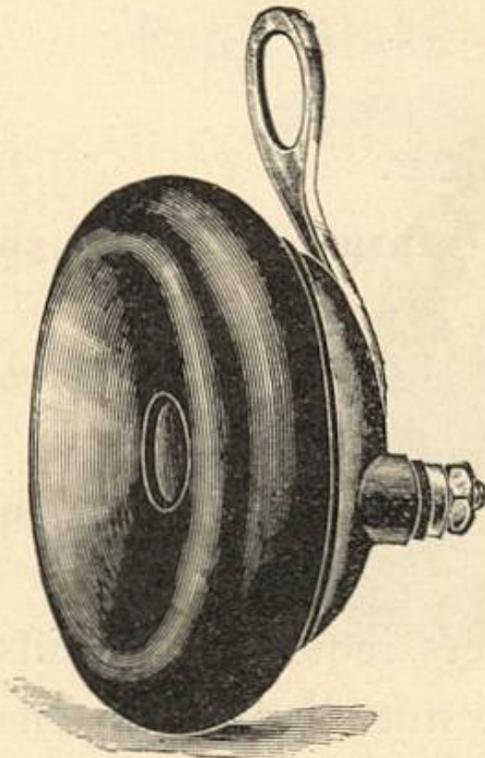
No. 7.

Pony Receiver.

PRICE.

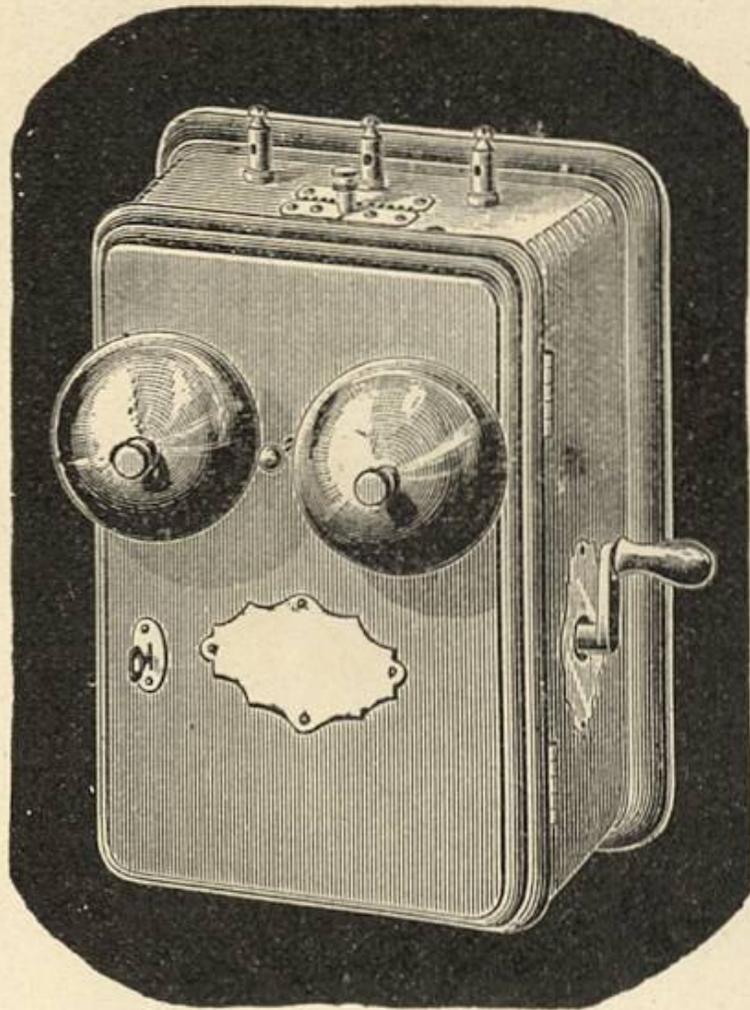
No. 7½.
Receiver, with cord,
\$3.50.

No. 8½.
Receiver only,
\$2.50.



No. 8½.

STANDARD MAGNETO BELL.



Rings through 10,000 Ohms.

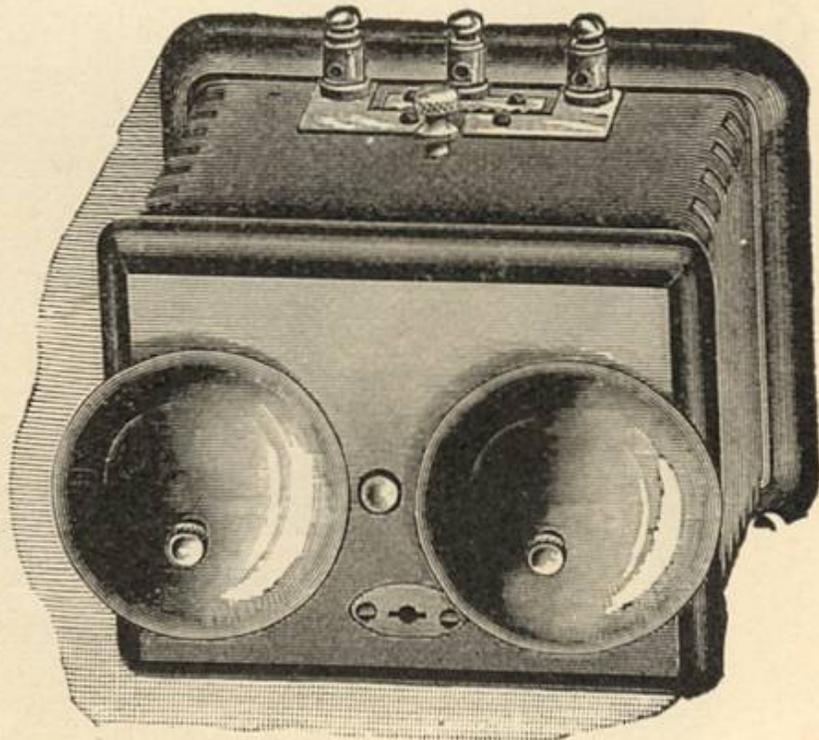
PRICES.

No. 9. Magneto, with Switch,	"	"	"	"	"	\$12.00
No. 10.	'	'	'	'	'	10.00

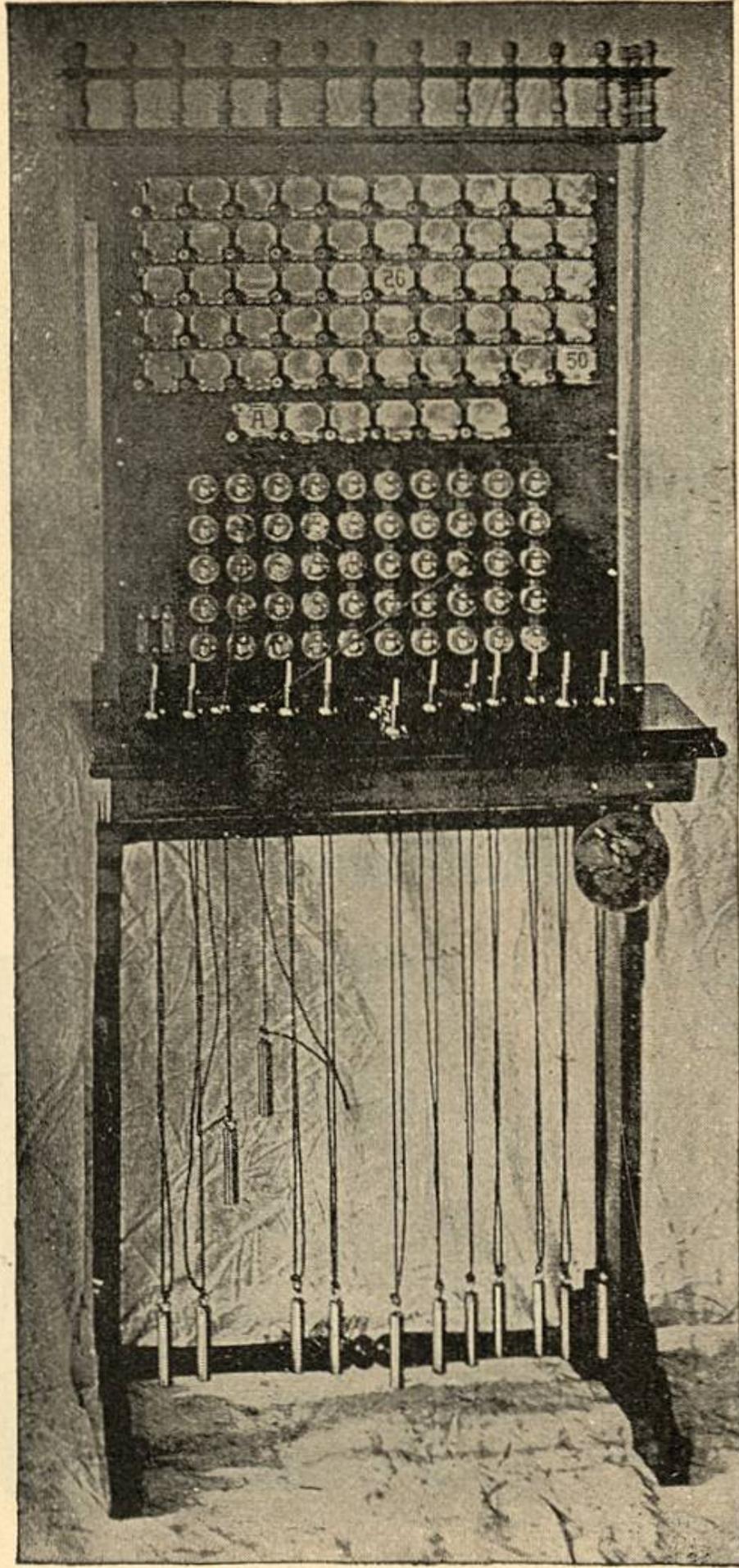
No. 11 Auxiliary or Extension Bell.

One or more of these bells can be connected with a telephone and placed in different parts of a building so as to ring simultaneously with the telephone, or they may be placed in different parts of a factory and connected with a magneto bell in the office.

Price, No. 11,
Each, \$5.00.



TELEPHONE SWITCH-BOARDS.



No. 18.

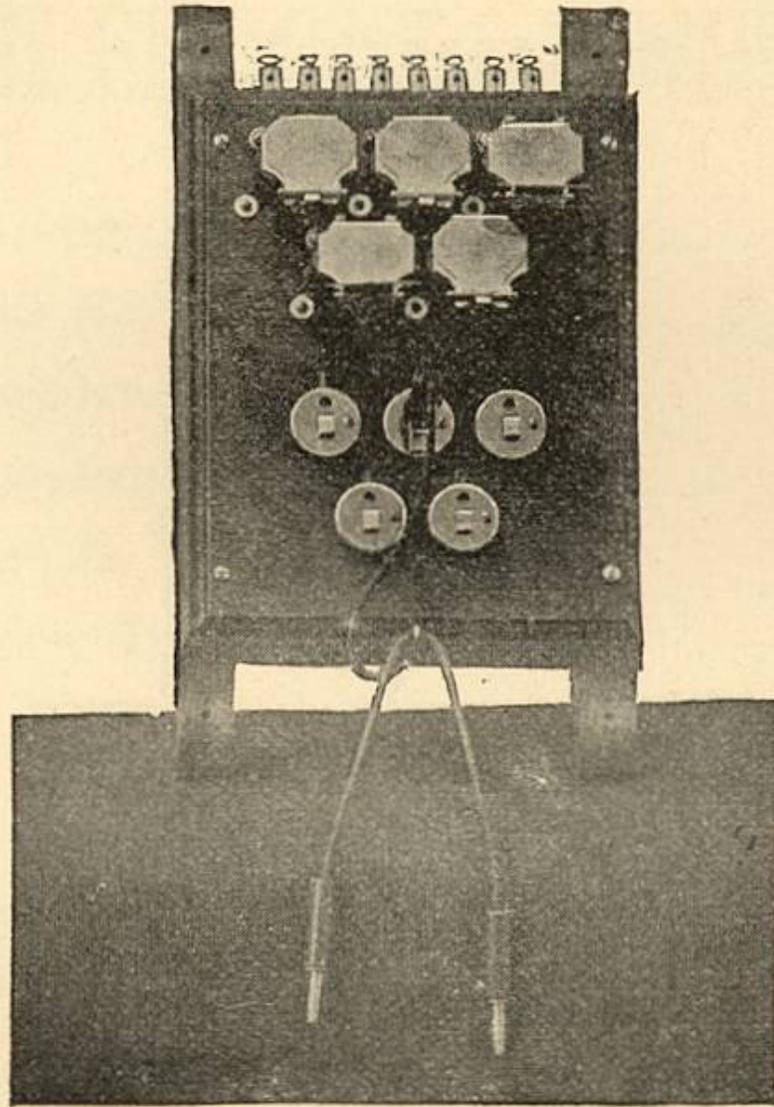
No. 18. Palmer Drop, Ground Circuit, per drop,

\$6.00

No. 19. Generator, Transmitter and Receiver attached to Switch-board,

18.00

Telephone Switch-Boards.



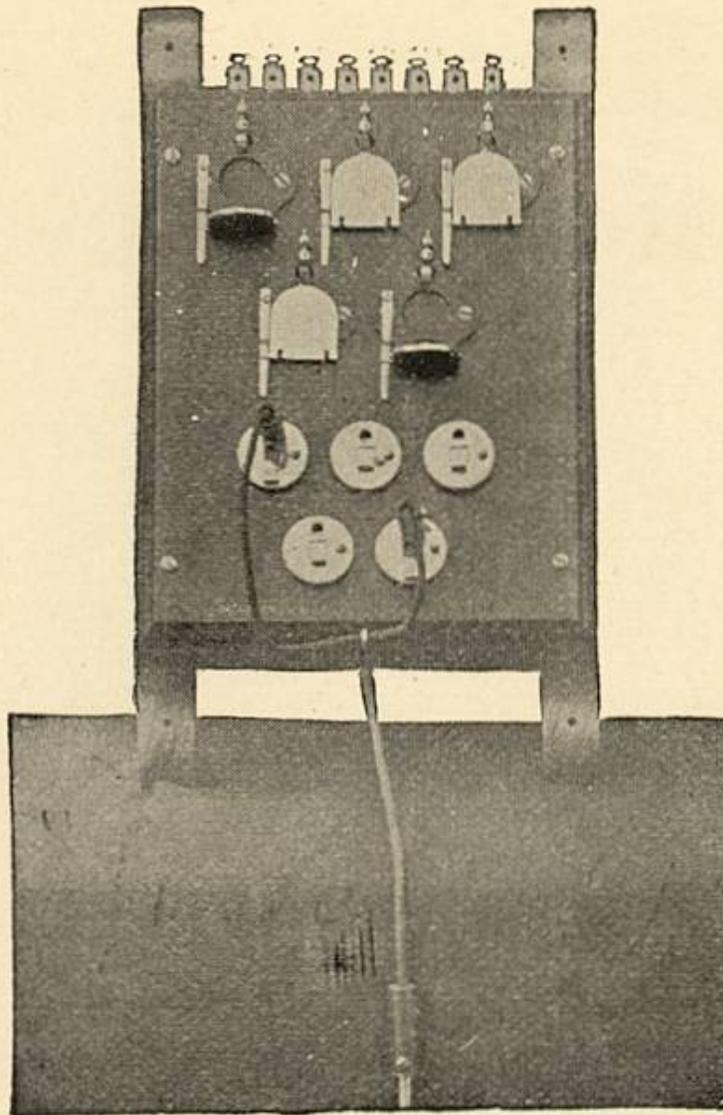
No. 20.

PRICE.

No. 20. Palmer Drop, per drop,
ground circuit, only, - - \$6.00

No. 21. Generator, Transmitter
and Receiver attached, extra, - 18.00

Telephone Switch-Boards.



No. 21.

PRICE.

No. 22. Universal Drop, ground cir-					
cuit, per drop,	=	=	=	=	\$7.00
No. 23. Universal Drop, metallic cir-					
cuit, per drop,	=	=	=	=	8.00
No. 24. Generator, Transmitter and					
Receiver attached, extra,	=	=			18.00

ESTIMATES

FOR

TELEPHONE LINES.

FOR LINE HALF MILE LONG.

½ Mile No. 12 Galvanized Wire,	\$6.80
15 Insulators and Brackets, . . .	1.50
6 Porcelain Insulators,24
50 feet Annunciator Wire,30
Window Tubes, \$0.20 each,80
	<hr/>
	\$9.64

FOR LINE MILE LONG.

1 Mile No. 12 Galvanized Wire,	\$13.60
30 Insulators and Brackets,	3.00
6 Porcelain Insulators,24
50 feet Annunciator Wire,30
Window Tubes, \$0.20 each,80
	<hr/>
	\$17.94

The Galvanized Wire sold by us is drawn and annealed with special care for telephone use.

ESTIMATED COST

FOR CHANGING

Magneto to Battery Telephones

Magneto set consisting of Magneto Transmitter, Back-board, Receiver and Cord, changed so that it will be same as our

Set No. 1A, price each, net, = \$8.50

Set No. 2B, price each, net, = 8.00

Transportation Charges must be paid or they will be added to above prices.

PRICES GIVEN INCLUDE BATTERY.

Telephone Back-Boards.

No. 26. Same as used on No. 13, \$6.00

“ 27. “ “ “ “ 1A, 3.00

No. 28. Telephone Receiver

Shells, = = = = \$0.80

“ 29. Stanley Carbon Battery,

per cell, = = = = 1.00

LINE BUILDING.

Outside of the building the wire should be carried on glass or porcelain insulators. We recommend No. 12 Galvanized Iron Wire.

Telephone poles should be twenty-five feet long and not less than five inches through at the top, and should be set in the ground five feet and not over one hundred and seventy-five feet apart, or thirty poles to the mile. In many cases wire can be suspended on roofs of buildings or trees. When more than two wires are to be carried on the same poles, cross arms are required. When building telephone lines across the country, it is best to keep at least two hundred feet away from telegraph or other electric wires. Telephone wires should be placed at least eight feet above electric light wires when carried on the same poles.

For Exchanges

We advise the use of hard drawn copper wire.

In making all wire connections and in attaching the wire to the telephone, be sure to scrape off all insulating cover of the wire and see that the wire is bright and clean; there must be no grease or corrosion to interfere with the current.

TELEPHONES!

DE VEAU & CO., of Frankfort street, New York, are doing an immense business in telephones. Their reputation for manufacturing satisfactory instruments is rapidly extending and their house is daily crowded with customers and their mail with orders. The ELECTRICAL REVIEW is confident that all purchasers at this house will find that these practical men know how to make telephones.—
Electrical Review, 13 Park Row.

REFERENCES:

AMERICAN ELECTRICAL WORKS,
10 Cortlandt Street.

WATERBURY MFG. CO.,
85 Chambers Street.

STANLEY & PATTERSON,
32 and 34 Frankfort St.,
New York City.

R. G. DUN & CO.

**ALL GOODS SOLD BY US GUARANTEED
TO BE SATISFACTORY TO
THE PURCHASER.**

DE VEAU & CO.,
32 and 34 Frankfort St.,
New York.

Discount 50% and 20%