

HISTORICAL FACT SHEET Telephone Industry Related Companies



COMPANY Russell-Tomlinson Electric Company

DATE ORGANIZED 1898

WHERE ORGANIZED Sheldon, CT

FOUNDER(S) W.E. Russell, W.W. Tomlinson

NATURE OF BUSINESS Manufacturer (Interior Telephones)

Subsequent names or significant changes resulting from acquisitions, consolidation, sales or bankruptcies:

DATE

Russell & Tomlinson was formed as an electrical producer

1898

Began to manufacture interior telephones

1900

Company moved from Sheldon, CT to Danbury, CT

1900

W.E. Russell sold his interest to N.B Rogers of Rogers

Electric Company

1905

W.E. Russell formed the Russell Electric Co of Danbury, CT

1906

REMARKS _____

Source: Telephony 1900, 1902-1905; The Telephone Magazine 1899

Mr. Exchange Manager,
Allow us to introduce our IMPROVED DESK SETS

NOW TO BUSINESS

We are right after the Desk Set Trade and Our Prices Can't be beat

Write us at once for Quotations and Full Description

The Russell-Tomlinson Electric Co., Danbury, Conn.

8 THE RUSSELL-TOMLINSON ELEC. CO. DANBURY, CONN.

CENTRAL ENERGY INTERCOMMUNICATING SYSTEM.
 METALLIC CIRCUIT.

HIGH GRADE PLEO BOARD SYSTEM.
 ALSO ARRANGED FOR COMMON RETURN.

This system is specially designed to fill the demands for a high grade metallic circuit system. The Telephones are arranged for separate ringing and talking batteries which are placed at any convenient central point. This system is automatic in the fact that it requires no return to home point after using. The wiring for this system requires as many pairs of wires as there are Phones with three extra battery wires. With this system cross talk is practically eliminated.

Prices.

| | | |
|--------------------------|---------|----------|
| No. 70 Metallic Circuit, | \$16.00 | INDIA. |
| " 71 " | 19.00 | IRELAND. |
| " 70 Common Return, | 15.00 | I.V.A. |
| " 74 " | 18.00 | INDIT. |

Made up in standard sizes of 5, 10, 15, 20 Jacks.
 Wiring diagrams furnished on application.

No. 70 Wall Type. No. 74 Desk Type.



December 6, 1903. ELECTRICAL WORLD AND ENGINEER. 901

vertical prisms carefully made with finely polished surfaces at 90° will reflect over 90 per cent. of light, and can be made to concentrate downward or project a light on a slanted reflector. Exactly the same shape and size reflector covered with exactly the same number of prisms but at each having an angle of 45° instead of 90° will not reflect or concentrate any light. Yet all the light, the two reflectors are identical in appearance.

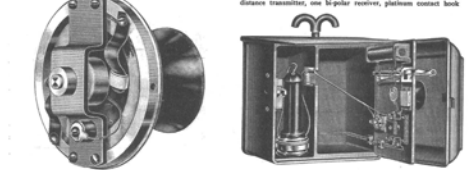
The Holophane Glass Company now have a well-arranged reputation for making out scientific glass plates, and at the same place and care is applied to the making of these prismatic reflectors they should find a ready sale. In order to distinguish these prismatic reflectors from the Holophane glass, the trade mark "Holophane" has been adopted, a name suggested by their appearance resembling that of the popular bright roof of India.

New Russell-Tomlinson Telephones.

The Russell-Tomlinson Electric Company, of Danbury, Conn., has been introducing an improved type of its "New Standard" side



phone, Fig. 1. This instrument is fitted with a new solid back transmitter which has the working parts of the company's long distance instrument. This instrument is fitted with a double post



with case receiver, and is high in efficiency. Each telephone is equipped with an induction coil, and is built on the lines of the long distance apparatus. It is designed for circuits up to 1000 feet, and

company's long distance transmitter. This is built on lines of the solid back, and can be accurately adjusted.

An improved disk set is one of the new productions. The essential features are that all contacts are platinum, and working parts are encased in the base of the instrument, which is absolutely dust-proof and easy of access. The new self-contained receiver is shown in Fig. 2. This receiver has all the working parts in metal, which does away with the expansions and contractions that happen when metal parts are out in the receiver shell.

Central Energy Tel-phones for Mines and Insuranc
Railways.

A new central energy mine and railway telephone set, especially designed to meet the conditions of bad weather, hard usage and places where high potential currents abound, is shown herewith in Figs. 1 and 2. This outfit is made by the Stroudberg-Carlton Telephone Manufacturing Company, Chicago, Ill., and Rochester, N. Y. The iron box which protects the telephone proper, is said to be weather-

proof and absolutely water-tight. The line connections are brought into the box through a double glass, at the top, as shown, thus eliminating any chance of water coming in contact with any connections in the box. The mechanism is completely protected by the inner case, which is locked and only accessible to the person having charge of the maintenance of the system. The various parts of the apparatus are mounted on the inside of the inner case door, which, when it is open, reveals all parts in a manner convenient for inspection, use or repair. The equipment of a single telephone consists of one long distance transmitter, one bipolar receiver, platinum contact back

switch, metallic carbon and fine lighting arrester connectors, and all parts necessary for the complete operation of a central energy system. All metal parts are non-corrosive, all circuits are wired with the

1903
 CATALOGUE No. 14

**The Russell-Tomlinson
 Electric Company**

MANUFACTURERS OF

TELEPHONES
 AND ACCESSORIES

Danbury, Conn., U. S. A.