

C. E. NAPP.
TELEPHONE DIRECTORY OR BOOK.

APPLICATION FILED JAN. 3, 1906.

2 SHEETS—SHEET 1.

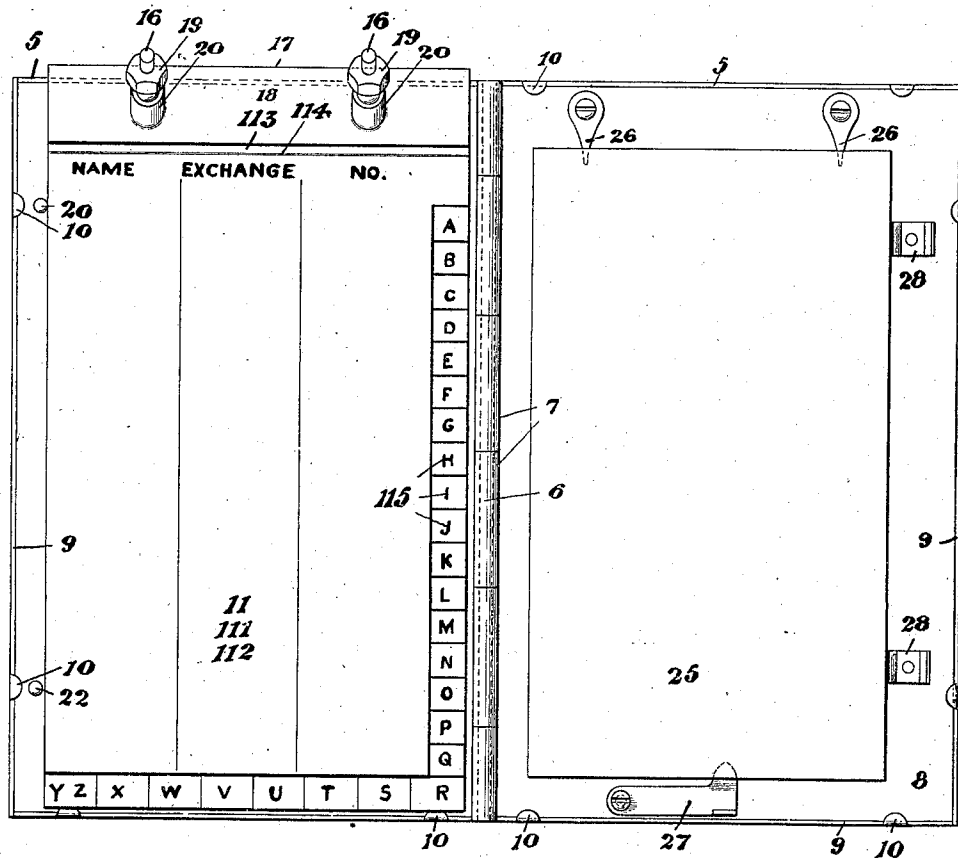


Fig. 1.

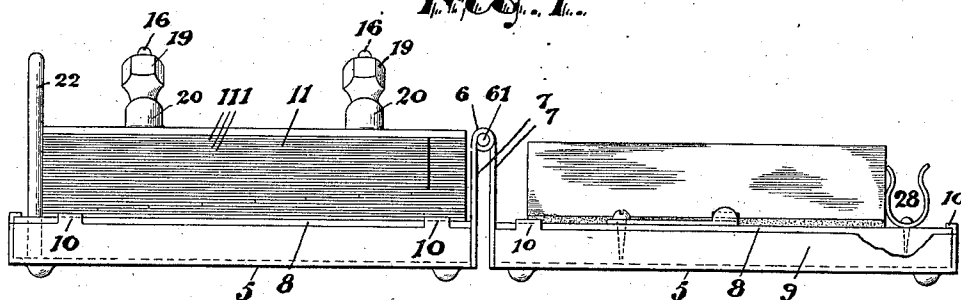


Fig. 2.

WITNESSES:

Ralph Lancaster
Ethelwyn Pell

INVENTOR:

Charles E. Napp,
BY
Charles H. Pell
ATTORNEY

UNITED STATES PATENT OFFICE.

CHARLES E. NAPP, OF TRENTON, NEW JERSEY.

TELEPHONE DIRECTORY OR BOOK.

No. 845,703.

Specification of Letters Patent.

Patented Feb. 26, 1907.

Application filed January 3, 1906. Serial No. 294,433.

To all whom it may concern:

Be it known that I, CHARLES E. NAPP, a citizen of the United States, residing at Trenton, in the county of Mercer and State of New Jersey, have invented certain new and useful improvements in Telephone Directories or Books; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

The objects of this invention are to provide a more convenient means for taking down memoranda at a telephone in connection with messages received thereover, to facilitate the interchange of messages over the telephone system, and to secure other advantages and results, some of which may be hereinafter referred to in connection with the description of the working parts.

The invention consists in the improved telephone directory or book and in the arrangements and combinations of parts of the same, all substantially as will be hereinafter set forth and finally embraced in the clauses of the claims.

Referring to the accompanying drawings, in which like letters of reference indicate corresponding parts in each of the several figures, Figure 1 is a front elevation of the open book. Fig. 2 is an end elevation of the said open book. Fig. 3 is an end view of the same, the book being closed; and Fig. 4 is a sectional view taken at line *x* of Fig. 3.

In said drawings, 5 5 are two frames or plates, preferably of sheet-brass, which are hinged together at one side, as at 6, (shown in Figs. 1, 2, and 3,) the hinge being formed by bending or extending the said plates at right angles to the planes of the bodies of the said frames to form integral side leaves 7 7 of the hinge, which leaves are turned over the hinged pin 61 and serve to throw the bodies of the two plates or frames quite far one from the other when the book is closed, as indicated in Fig. 4. Fitting said frames or plates are cover-boards 8, the plates being turned at their edges, as at 9, to engage the edges of said boards 8 and hold the same firmly in place. The extreme edges of the frames are preferably provided with lugs 10 to hold the

boards within the frames. The said boards serve as foundation pieces or supports for the flexible leaves, &c., hereinafter described, said boards serving to give firmness and strength to the device as it is being manipulated.

Upon one of the hinged boards 8 is arranged a directory 11, adapted more particularly for taking down from time to time the names of subscribers to a telephone system who are in particular business relations to the party controlling the improved book, whereby the delay incident to the use of the ordinarily cumbersome directory provided by the telephone company is avoided, it being understood that the book is intended to contain only a relatively few subscribers, and those in personal connection with the owner of the book. Said directory 11 comprises a number of separable cardboard leaves 111, each in sections 112 113, joined together by a linen hinge 114, and each having its identifying index-letter 115, the several cardboards thus identified being in alphabetical order, as indicated in Fig. 1, and the section 112 being divided into columns having words to indicate that the said columns are for the name of the subscriber, the exchange on which he is stationed, and his telephone-number. Said cardboards 111 are held together upon wire studs 16 at the top of the book, the said studs 16 extending through an inclined clip 17, (shown in Figs. 1 and 4,) having perforated flanges 18, between which the cards 111 are arranged at one end, the inclination of the clip and the consequent disposition of the cards therebetween serving to facilitate the opening or turning of the hinged cardboards for the purpose of reference, as one hinge of a cardboard will overlap another, and the cardboards as they are turned over will uncover the hinge of the next succeeding one.

To enable the clamping-nut 19 of the clip to press firmly on the upper or forward flange thereof, I have employed in connection with each threaded wire 16 a collar 20, with an inclined bearing 21, as shown in Fig. 4. At the side of one of the hinged plates opposite the hinge 6 are stationed forwardly or upwardly projecting posts 22, which project at right angles to the boards 8 above the directory 11 and serve as stops to limit the closing action of the hinged sides of the book, so that the said boards or sides will not interfere

when being closed with the devices therebetween and the said hinged sides will be held when closed in proper parallel relation.

The leaves of the telephone-directory are separable one from the other and may be very easily and conveniently removed to enable the names, numbers, &c., of the subscribers to be printed thereon by a type-writing machine.

At the opposite side from the directory is a removable pad 25, consisting of a collection of paper leaves, which are preferably blank, and thus adapted to receive memoranda written down by the person receiving the message from the telephone. The said pad 25 may be of any ordinary construction common in the art of paper memorandum-pads, the same being of standard size, so that it can be readily duplicated at any ordinary stationer's. Said pad 25 is held by a pair of pintles 26 at one end and by a hinged or pivoted pointed tongue 27 at the end opposite that having said pintles.

At the side of the pad is a pair of pencil clips 28, by means of which a lead-pencil may be secured to the board 8 for the purpose of taking memoranda conveniently.

In operating the device the subscriber simply opens up the book thus particularly adapted to the small desk ordinarily provided with the telephone or it may be suspended from the wall or be otherwise set. The book being open, the number of the subscriber to whom the message is to be sent is found in the directory, and after the two subscribers or parties are in connection should there be any memoranda to be taken the pencil is simply removed from its keeping mechanism 28 and the memorandum made upon the pad 25.

Having thus described the invention, what I claim as new is—

1. An improved telephone-book, comprising two frames hinged together, a memorandum-pad removably secured to one frame, a set of cards on the other frame, each card having a scored line the same distance from its top, and a holder for the cards constructed to hold them with the scored lines lying in a plane at an obtuse angle to the frame.

2. An improved telephone-directory, comprising a pair of hinged frames, an upwardly and outwardly inclined plate on one of the frames having its upper edge bent parallel with the frame, and a set of cards having scored lines, held against the plate with the plane of the scored lines at an obtuse angle to the frame, each card when folded over uncovering the scored lines on the next lower card.

3. An improved telephone-directory, comprising a pair of hinged frames, an upwardly and outwardly inclined plate on one frame having its upper edge bent parallel with the frame, a pair of bolts parallel with the inclined portion of the plate, nuts on the bolts to engage the turned-over edge of the plate, and a set of cards abutting on the plate and having perforations for the bolts, said cards having scored lines, the inclined plate and the bolts holding the cards with the plane of the scored lines at an obtuse angle to the frame.

In testimony that I claim the foregoing I have hereunto set my hand this 22d day of December, 1905.

CHARLES E. NAPP.

Witnesses:

CHARLES H. PELL,
M. V. DOYLE.