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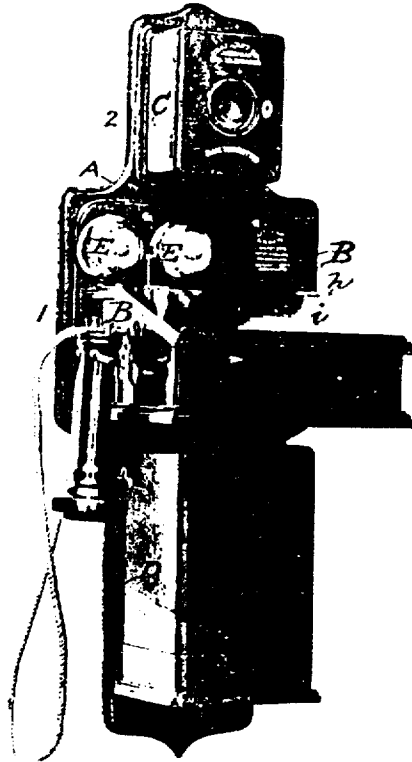
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OR D 12,179

J. WILLIAMS, & T. W. LANE,  
Telephonic Apparatus.

No. 12,179.

Patented Feb. 22, 1884.



Witnesses

*R. S. Palmer*

*W. C. Adams*

Inventors

*Charles Williams Jr*

*Thomas W. Lane*

*by Wright & Brown*

*Attys*

# UNITED STATES PATENT OFFICE.

CHARLES WILLIAMS, JR., OF SOMERVILLE, AND THOMAS W. LANE, OF  
BOSTON, MASSACHUSETTS.

## DESIGN FOR TELEPHONIC APPARATUS.

SPECIFICATION forming part of Design No. 12,179, dated February 22, 1881.

Application filed October 21, 1880. Term of patent 14 years.

*To all whom it may concern:*

Be it known that we, CHARLES WILLIAMS, Jr., of Somerville, in the county of Middlesex and State of Massachusetts, and THOMAS W. LANE, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and original Design for Telephonic Apparatus, of which the following is a specification.

Our design relates to the combination or grouping, on a single back board, of a disk-shaped magneto box, a transmitter and battery-box accompanying the hand-telephone, the object of the design being to improve the form of the back board, and the relative arrangement thereon of the magneto box, the transmitter, and the battery-box, so that the back board, with the apparatus thereon, shall have a neat and symmetrical appearance.

To these ends our design consists in the improved form of the back board, and the arrangement thereon of the disk-shaped magneto box, the transmitter, and the battery-box, all as shown in the accompanying photographic illustration, which fully shows the design and forms a part of this specification.

In said photographic illustration, B represents the magneto box, containing the usual permanent magnet and rotary armature, the latter being rotated by a crank at the end of the box B. (Not shown in the photograph.) The box B is made in disk form—that is, the top of the box has an inclined surface or lid, *i*, and a horizontal portion, *h*. The box B is secured to a suitable vertical back piece, B', which projects above the top of the box, and affords a surface to which may be attached the signal bell or bells E. The described form of magneto box, it will be seen, is neat and symmetrical.

In grouping together the disk-shaped mag-

neto box, a transmitter, C, and a battery-box, D, we make use of a back board, A, to which the elements named are suitably attached. The board A has a widened central portion, 1, supporting the magneto box, a narrowed upper portion, 2, above the magneto-box supporting the transmitter C, and a narrowed lower portion, 3, below the magneto box supporting the battery-box D. By the described form of the board A and arrangement of apparatus we give the group, as a whole, a greater width and prominence at the central portion, the magneto box being the more prominent element, thus producing a symmetrical and pleasing effect.

We claim—

1. The design for a back board for telephonic apparatus, consisting of the wide portion 1 and the narrower portions 2 3, located, respectively, above and below the wide portion, as shown.

2. The design for telephonic apparatus, composed of the back board A, widened at its central portion and narrowed at its upper and lower ends, the disk-shaped magneto box B, supported on the widened portion, the transmitter C, supported on the narrower portion, above the magneto box, and the battery-box D, supported on the narrower portion, below the magneto box, substantially as shown.

In testimony whereof we have signed our names to this specification, in the presence of two subscribing witnesses, this 18th day of October, A. D. 1880.

CHARLES WILLIAMS, JR.  
THOMAS W. LANE.

Witnesses:

C. F. BROWN,  
W. CLIMO.