

B. B. WHALEY.
Alphabet-Exhibitor.

No. 167,812.

Patented Sept. 14, 1875.

Fig. 1.

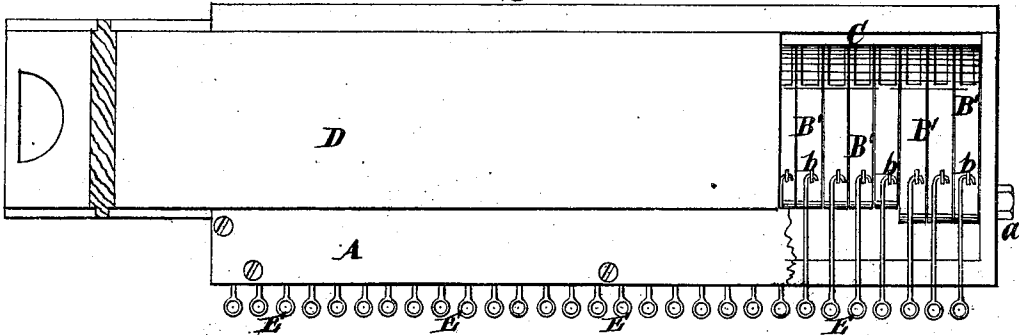


Fig. 2.

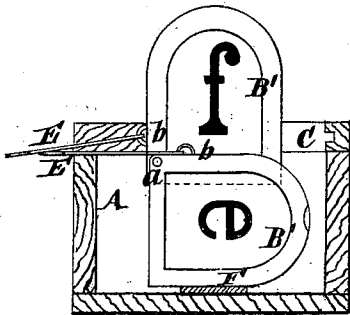
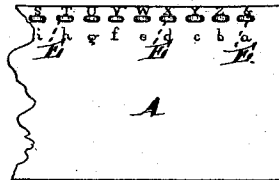


Fig. 3.



Witnesses.
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 Char. Mahler.

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UNITED STATES PATENT OFFICE.

BARNETT B. WHALEY, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN ALPHABET-EXHIBITORS.

Specification forming part of Letters Patent No. **167,812**, dated September 14, 1875; application filed April 17, 1875.

To all whom it may concern:

Be it known that I, BARNETT B. WHALEY, of Brooklyn, in the county of Kings and State of New York, have invented a certain new and Improved Alphabetic View Apparatus, of which the following is a specification:

My invention relates to an apparatus which is intended to contain in a group, and in a concealed condition, a series of objects, such as the letters of alphabet, while it admits of an exposé of one or more of the objects in a separate state.

My invention consists in a series of holders which are constructed of a skeleton frame, to receive one or more cards or blocks, which are provided with the chosen objects to be viewed. The frame-holders are arranged upon a common axis within a suitable case having an open top, and each frame is provided with a rod or key, which projects through the side of the box in such manner that by pulling said key outwardly its frame will be elevated above the box.

My invention further consists of a case having a cushion applied to its bottom, in combination with holders pivoted within said case, and keys for operating the holders, the object and function of which will be more fully hereinafter described.

In the accompanying drawing, Figure 1 is a plan view of my invention; Fig. 2, a transverse section thereof; and Fig. 3, a view of a portion of the box.

The letter A represents a box or casing having an open top, C, and a sliding cover, D, adapted to close the box when not in use. Within this box, and upon a horizontal rod, a, is mounted a series of frames or holders, B' B', and these holders are constructed of a

skeleton form, so that one or more cards or blocks can be placed within the said frames or holders. Each holder is provided with a staple, b, and to this is secured the end of a rod or key, E, which latter projects out through the side of the box, where it can be conveniently operated, in order to raise the holders out through the top of the box.

By constructing the holders of a skeleton frame cards or blocks provided with different figures or characters can be arranged therein, or removed and replaced by other cards or blocks having other characters or figures.

The back of the box, where the operating-keys project through, may be marked with suitable characters, &c., to indicate what the holder corresponding thereto contains.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. The holders B' B', constructed of a skeleton frame to receive and hold removable cards, &c., in combination with the box or casing A, and the operating-keys E connected with the holders, and projecting through the box, all constructed and arranged substantially as and for the purpose described.

2. The case A, having the cushion F applied to its bottom, in combination with the pivoted holders B' and the keys E, as and for the purpose described.

In testimony that I claim the foregoing I have hereunto set my hand this 12th day of April, 1875.

BARNETT B. WHALEY.

Witnesses:

CHAS. WAHLERS,
J. VAN SANTVOORD.