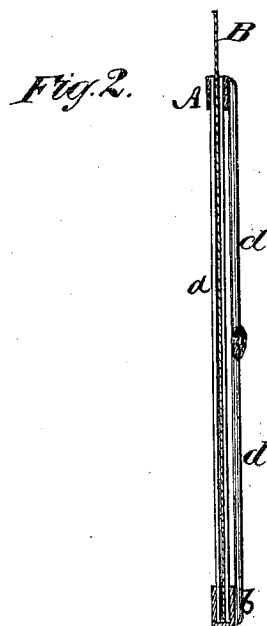
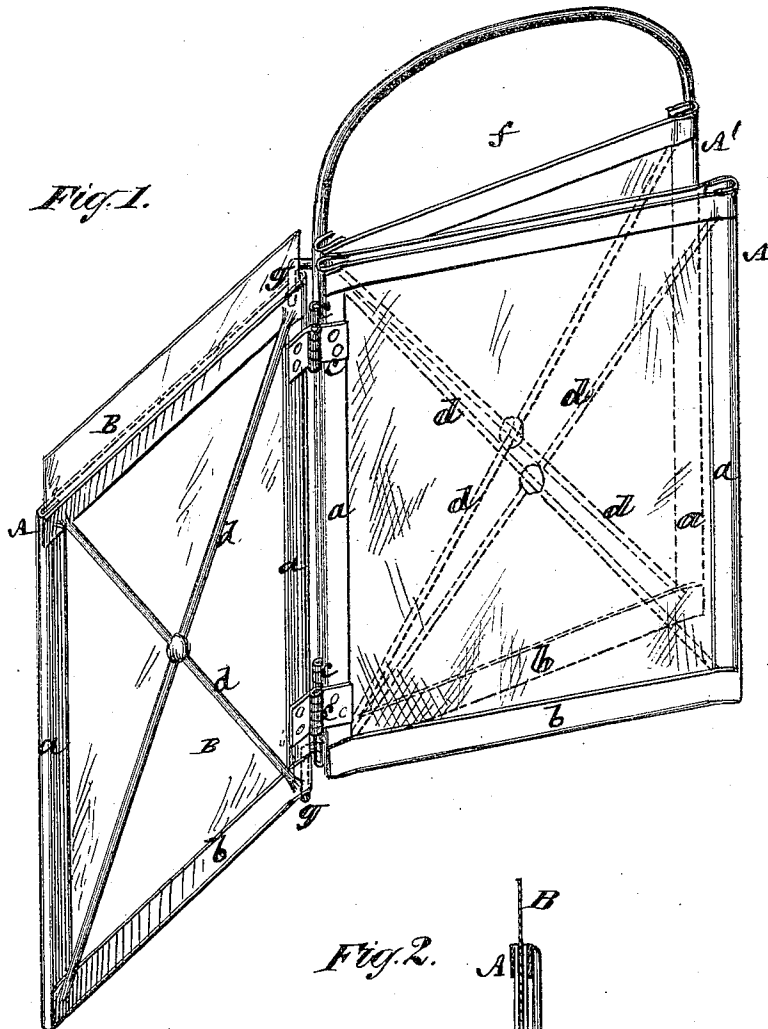


E. W. BULLINGER.
BULLETIN EXHIBITOR.

No. 174,775.

Patented March 14, 1876.



Witnesses
John Proctor
Geo. W. Haynes

E. W. Bullinger
by his Attorneys
Brown & Allen

UNITED STATES PATENT OFFICE.

EDWIN W. BULLINGER, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN BULLETIN-EXHIBITORS.

Specification forming part of Letters Patent No. **174,775**, dated March 14, 1876; application filed January 31, 1876.

To all whom it may concern:

Be it known that I, EDWIN W. BULLINGER, of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Bulletin-Exhibitors; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, forming part of this specification.

This invention relates to devices for exhibiting time-tables showing the departures and arrivals of railroad-trains, steamboats or vessels, and other public conveyances; also, for exhibiting bulletins of various kinds of information to the public, without regard to any particular style or character.

The improved device may be suspended on or from a wall or other suitable support, with facility of removal, as other bulletin-exhibitors containing only a single card or sheet have been suspended; or it may be otherwise suspended, as hereinafter described.

The invention consists in a combination of two or more metallic frames, which are constructed with grooved sides and pockets at their bottoms, to receive the bulletins down within them, and which frames are hinged together on their one side to facilitate the turning of them over for the exposure of both sides of the card or sheet constituting the bulletin, and have braces applied to their backs, alike for the purpose of stiffening such hollow frames and for supporting the sheets, the whole device being provided with suitable means for suspending it, as required.

Figure 1 represents a view, in perspective, of a bulletin-exhibitor having three bulletin-frames hinged together, and constructed in accordance with my invention. Fig. 2 is a vertical transverse section through one of the bulletin-frames detached.

A A A' are three time-table or bulletin frames, made of sheet metal, and constructed with grooved sides *a a* and pockets *b* at their bottoms, to receive down within them, through their open tops, the bulletins, which may be composed of moderately stiff paper, and which are generally designed to have information of different kinds printed on their opposite sides or faces. These hollow frames, which are open face and back to provide for reading the bulletin from opposite sides, are united with one another by hinges *c c* on one and the same side of the exhibitor, whereby said frames may be turned back or thrown over to

view the opposite sides or faces of the bulletins, as desired; or the frames may be shut down one on the other, to reduce the space occupied by the exhibitor.

Only one bulletin-sheet, B, is shown as inserted in one of the frames; but the other frames are, of course, each designed to contain a separate sheet.

Braces *d d*, arranged diagonally or otherwise, are applied to the backs of the hollow frames, to stiffen them. This is important to prevent twisting of the frames, which would interfere with the free entry or removal of the sheet, and with the snug closing of the frames; also, the latter, being light and usually of considerable size, require strengthening. Said braces likewise serve to keep the sheet straight or in form.

The back frame A' of all may have a head-piece, *f*, mounted on or formed with it, to receive any suitable inscription, also serving, if desired, to suspend the exhibitor by screws, nails, or hooks being projected through said head-piece for the purpose; but inasmuch as this mode of attachment restricts the back frame A' from being turned over sideways, to exhibit the back as well as the front of the bulletin-sheet therein, I propose to attach pintles *g g* to said back frame on the same edge or side as the hinges *c c* are arranged. These pintles may be set slightly inclining from a vertical position, and be made to enter staples in the wall or other surface, similarly arranged, or out of vertical line with each other.

Such mode of attachment not only provides for the back frame A' being turned over on the hinges *c c*, to expose the back of the bulletin-sheet in the said frame, but the several frames, by the inclination of the pintles, are made self-closing through their gravity, and a spring for closing them may be dispensed with.

I claim—

The combination, with two or more bulletin-frames, A A', hinged together laterally, and constructed with grooved sides *a a* and pockets *b* at their bottoms, of braces *d*, applied to the backs of said hollow frames, essentially as and for the purpose herein set forth.

E. W. BULLINGER.

Witnesses:

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