No. 635,278. Patented Oct. 17, 1899.

D. B. HART.

DISPLAY DEVICE.

(Application filed Feb. 18, 1899.)

(No Model.)

FIG. 1

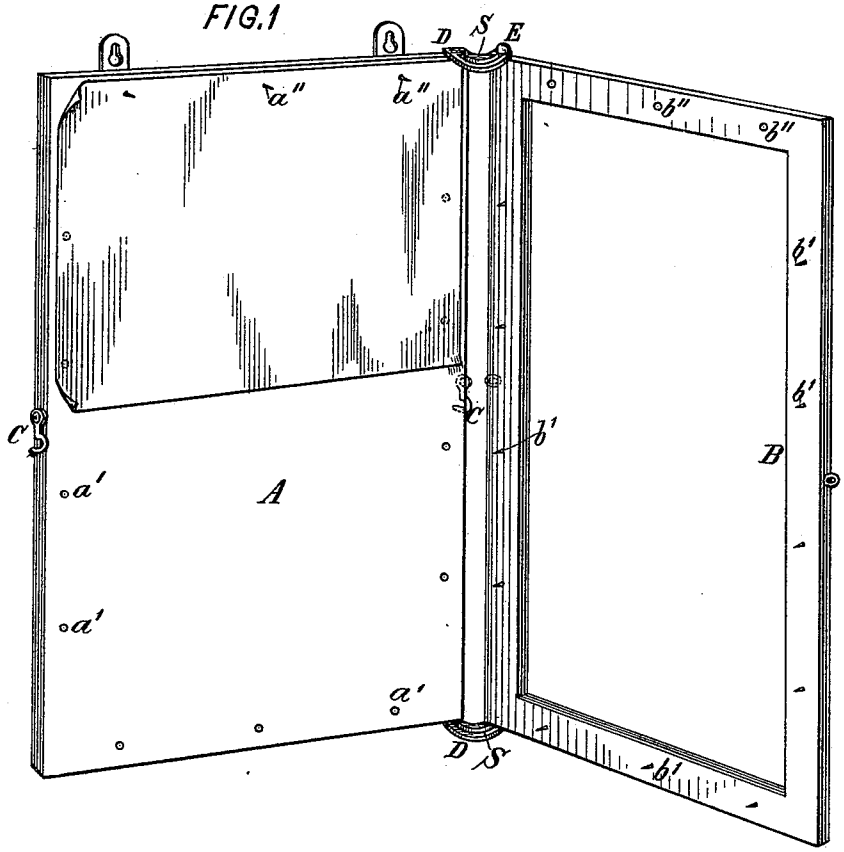

FIG. 2.

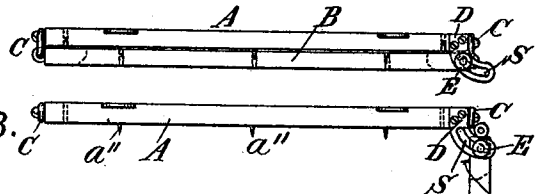

FIG. 3.

Witnesses:
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UNITED STATES PATENT OFFICE.

DAVID B. HART, OF NEW YORK, N. Y.

DISPLAY DEVICE.

SPECIFICATION forming part of Letters Patent No. 635,278, dated October 17, 1899.

Application filed February 18, 1899. Serial No. 706,070. (No model.)

To all whom it may concern:

Be it known that I, DAVID B. HART, residing in New York city, in the State of New York, have invented a new and useful Improvement in Display Devices, of which the following is a full and exact specification.

My invention relates to that class of devices by means of which advertisements, notices, and other printed matter or pictures may be arranged for exhibition and display to the public. The usual mode of displaying advertisements on buildings, walls, &c., is by pasting the paper against the blank space upon which it is to be exposed. Newer advertisements are pasted upon the older ones, and after a time from the accumulation of old paste and paper or from rain or wind the paper is liable to fall off and the advertisement to be spoiled. By my invention it is very easy to remove old displays and substitute new ones or to superimpose new advertisements upon old in such a manner that they will be as firmly held as the first one displayed.

In the accompanying drawings, Figure 1 shows a perspective view of my device when open and ready to receive a new display paper. Fig. 2 shows a top view with the frame closed, and Fig. 3 a top view with the frame swung open.

In all the figures similar letters represent like parts.

A is the back or body of the device upon and against which the advertisement is placed.

a'' a'' are points or spurs of metal arranged across the top of A and adapted to pierce a paper, card, or similar object.

B is a swinging frame so hinged to A as to fold up against and parallel with it.

b' b' are points or spurs on B similar to those on A, and a' a' and b'' b'' are openings arranged in the back and frame, respectively, to receive the points b' and a''.

D D are lugs or ears rigidly attached to A and each having a slot S running midway its length.

E is a pin or fastening set rigidly in B and provided with a head of a diameter greater than the width of the slot S, so that it will hold the frame B to the back A. This form of hinge is desirable in the proper working of my device, for with a close hinge the points b' b' on the inner side of the frame would not approach and enter the openings a' a' opposite them with a direct but with a curving motion, whereas the curve of the lug D is adapted to bring the frame for the latter part of its motion so that the points will be directly in front of the corresponding openings and in a position to enter them with a direct motion.

The operation of my device is as follows: The frame being swung open, the paper or card is impaled along its upper edge upon the points a'' a'' and is then drawn smoothly down against the back A. While the sheet is thus extended, the frame is brought around until directly in front of and nearly parallel with the board, and then is pushed directly against it, in which operation the points on the frame puncture the sheet and, entering the sockets intended for them and in conjunction with the frame, hold the edges of the sheet firmly in place. The hooks C C are then fastened, and the card or sheet is firmly and satisfactorily held for display, while at the same time it will be evident that by reversing this operation it can be speedily removed.

I have shown the back as adapted to be suspended; but it may stand or be supported in any way without affecting its general operation.

Having thus set forth my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

In a display device, the combination of a supporting-back provided upon its face and along one or more edges with projecting points adapted to receive a display card or paper, and a series of openings also upon one or more edges, a frame having similar points and openings, the points and openings on frame and back being arranged to register with each other, and hinges fastened to one side of said back and of said frame and consisting of lugs or ears provided with a curved slot and rigidly attached to said back and retaining-pins fastened to said frame and adapted to move in said slot so that said frame may be moved against said back with a direct motion, with means for retaining the same in position, all substantially as and for the purpose set forth.

DAVID B. HART.

Witnesses:
J. EDWARD WELD,
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