

(No Model.)

J. G. GAREIS.

FOLDING BOX, SATCHEL, VALISE, TRUNK, &c.

No. 589,208.

Patented Aug. 31, 1897.

Fig. 1.

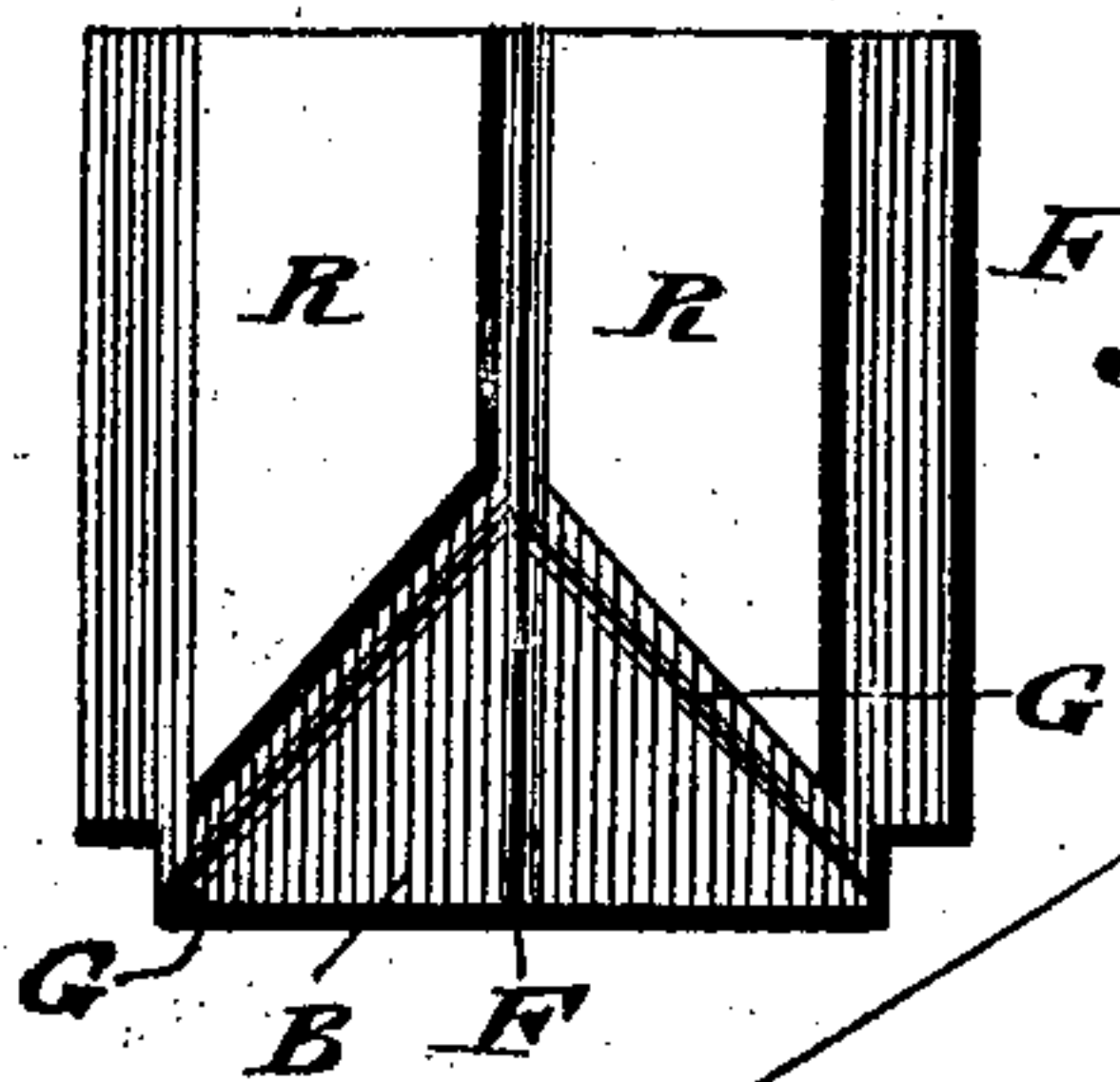
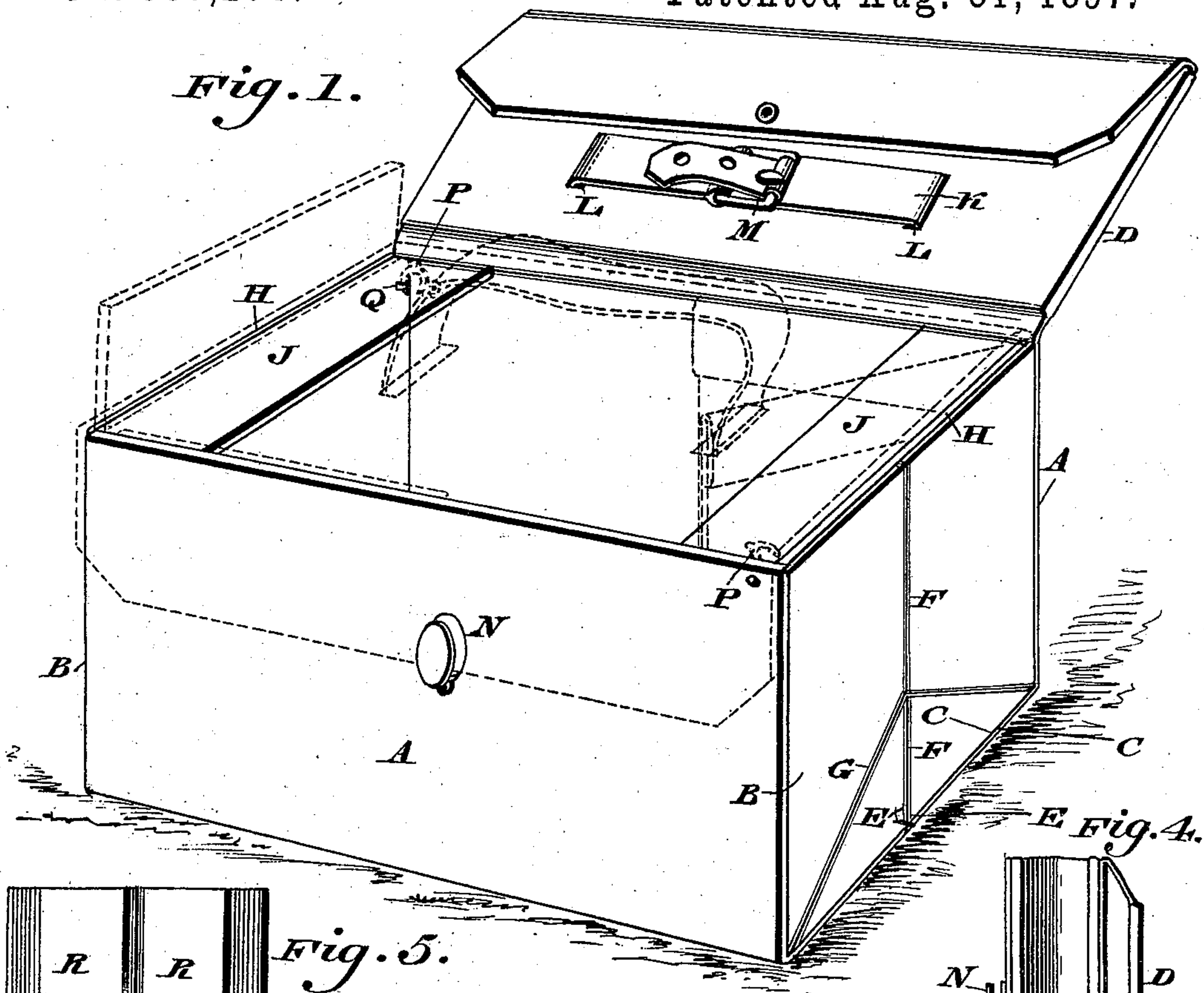


Fig. 5.

Fig. 2.

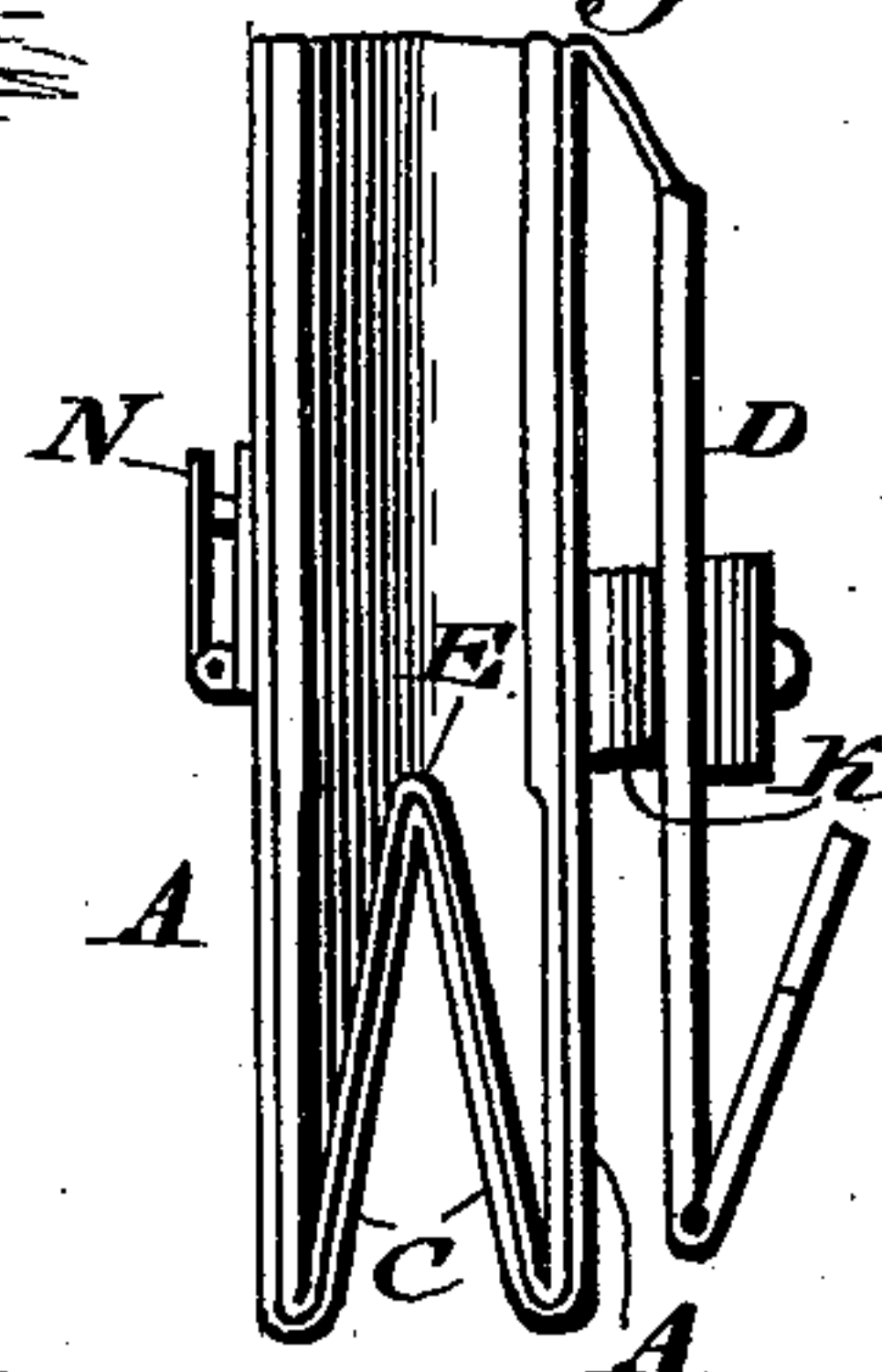
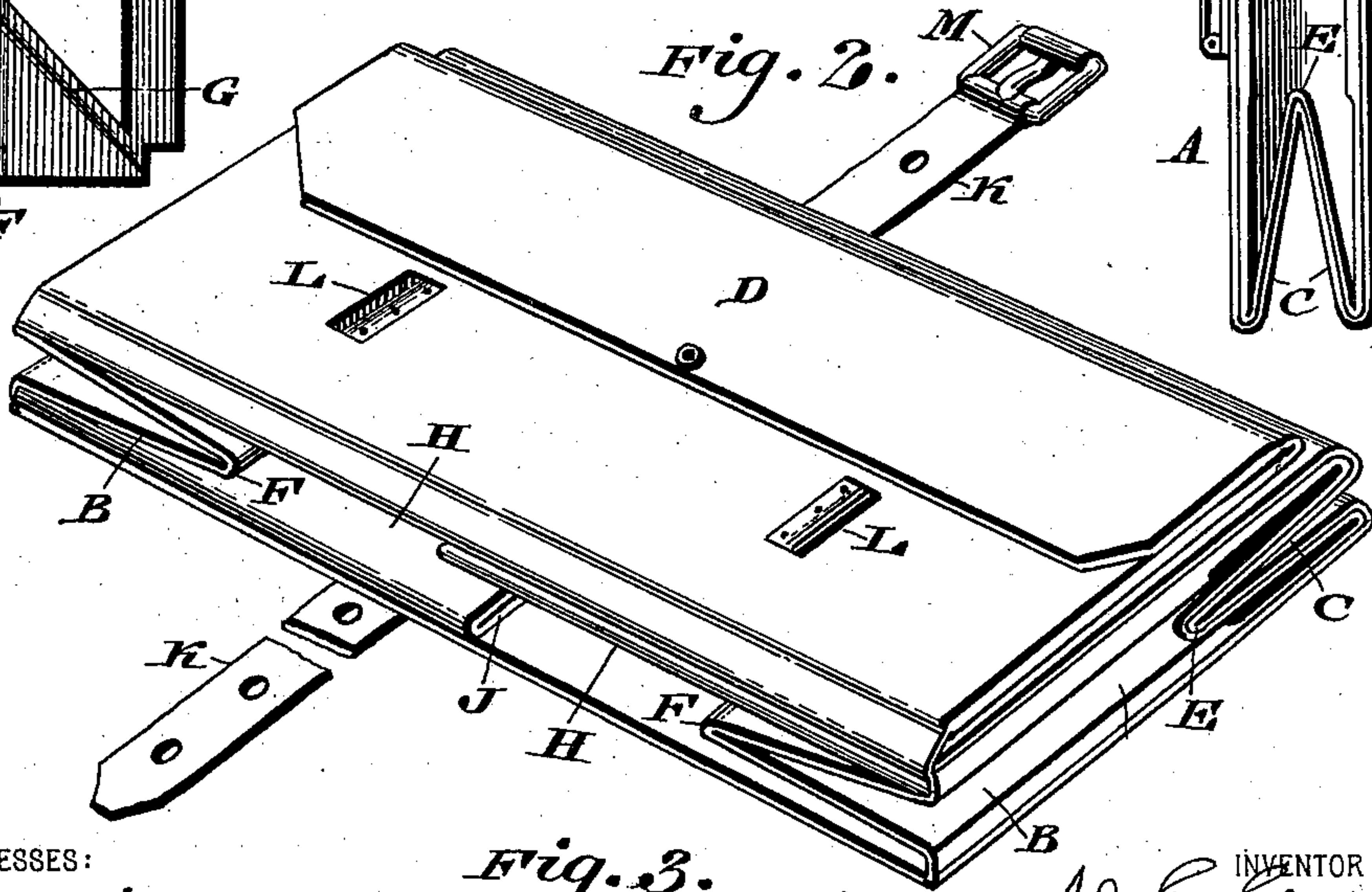


Fig. 4.

Fig. 3.



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FOLDING BOX, SACHEL, VALISE, TRUNK, &c.

SPECIFICATION forming part of Letters Patent No. 589,208, dated August 31, 1897.

Application filed November 18, 1896. Serial No. 612,561. (No model.)

To all whom it may concern:

Be it known that I, JOHN G. GAREIS, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Folding Boxes, Satchels, Valises, Trunks, &c., which improvement is fully set forth in the following specification and accompanying drawings.

My invention consists of a novel folding box composed of the parts arranged and combined as hereinafter set forth and claimed.

Figure 1 represents a perspective view of a folding box embodying my invention, the same being in operative position. Fig. 2 represents a perspective view thereof in folded condition. Fig. 3 represents a top view of a portion of the body in partly-folded condition. Fig. 4 represents an end view of the body in partly-folded condition, the lid being open and resting against the rear side of the box. Fig. 5 represents a view of one of the end pieces of the body, the covering or lining piece having been removed therefrom.

Similar letters of reference indicate corresponding parts in the several figures.

Referring to the drawings, A designates the sides of the body of a folding box, and B the ends, C the bottom, and D the lid thereof, said parts being formed of paper, cardboard, leather, or other suitable material. The bottom C has in the center thereof the crease E, and the ends B have vertical and diverging creases F G therein, after the manner of accordion folds, whereby the bottom may be folded upwardly and the ends folded inwardly.

Within the box are stretchers H, which are connected by flexible hinges to the inner ends of the sides of the box and adapted to extend transversely across the box parallel with the ends or from side to side, so as to hold the latter in extended position. Connected with the upper ends of the stretchers by flexible hinges, as cloth, paper, or similar material, are the flaps J, which when in operative position are arranged horizontally on the contents of the box, so as to close the ends and corners of the top of the body of the box and prevent the escape of the contents of the box thereat. When the box is folded, the flaps J are folded

against and in contact with the faces of the stretchers H.

The lid is provided with a carrying-strap K, which is passed through openings L in the lid D, the walls of said openings being reinforced for strengthening purposes, said strap having its ends buckled together, as at M, for convenience of application and removal of the strap.

On a proper portion of the front side A of the box is the catch N for retaining the lid in closed position. On the inner faces of the sides A are catches P, which are adapted to enter the eyes Q on the stretchers for retaining the latter in open or operative position.

It will be seen that when the ends and bottom are straightened out and the stretchers placed parallel with the ends and fastened by the catches P Q the body of the box is held in distended condition, and the lid may be closed on said body over the flaps J and secured by the fastening N.

When the lid is opened and the fastenings P Q released, the stretchers may be folded against the sides A and the flaps J turned down into the body, after which the ends are folded inwardly and the bottom folded upwardly and the lid turned over the adjacent side, the parts being then in the flat condition shown in Fig. 2. The strap K may now be removed and passed around the folded box, so as to prevent opening of the same.

In order to strengthen the ends B and cause proper folding of the same, I attach thereto the stiffening-pieces R, which have their lower ends diverge, as shown in Fig. 5, and the pieces are separated a short distance, while the pieces are creased, as at F G, so that they may be folded inwardly and the lower portion of the piece folded upwardly to permit the bottom when folded to enter into the same. When the ends are folded, the pieces R lie side by side within the body of the box.

In Fig. 5 is shown an end piece B in primary condition, the lower end and sides of the same being adapted to be folded under the adjacent portion of the bottom and over the sides of the box, respectively.

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

A box consisting of front and rear sides, folding ends, a folding bottom and a lid, said ends having the reinforce-strips R with diverging ends, and stretchers hinged to the said
5 box within the same and adapted to be connected with said front when said box is extended, said ends having vertical and diverging creases, and said bottom having a horizontal crease which joins the base of the vertical crease, said diverging creases extending 10 from the vertical crease toward the corners of the box.

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Witnesses:

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