

(No Model.)

A. G. WUTKE & H. UHRY.
ATTACHMENT FOR PASTEBOARD BOXES, CARTONS, &c.
No. 577,340.

Patented Feb. 16, 1897.

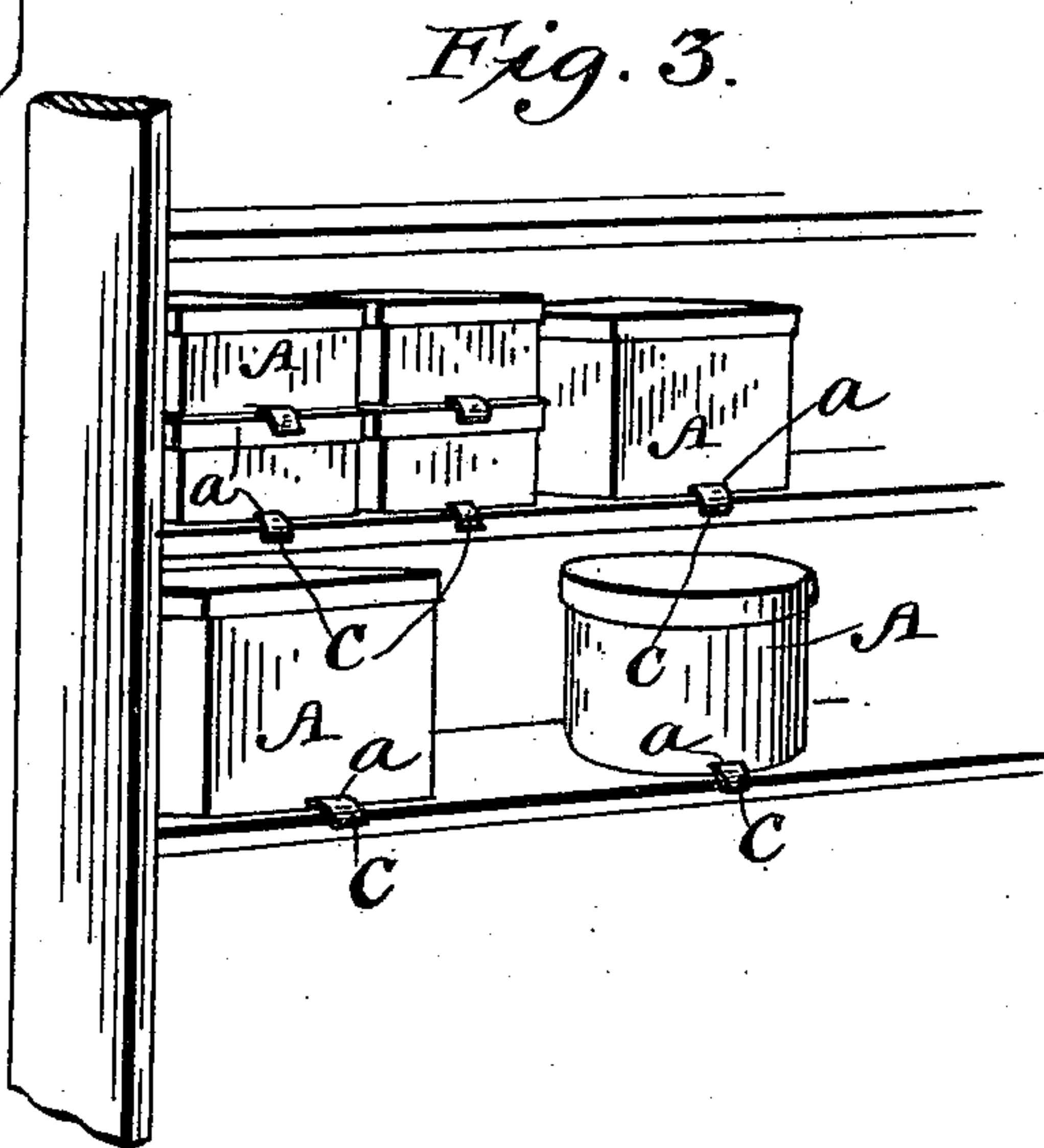
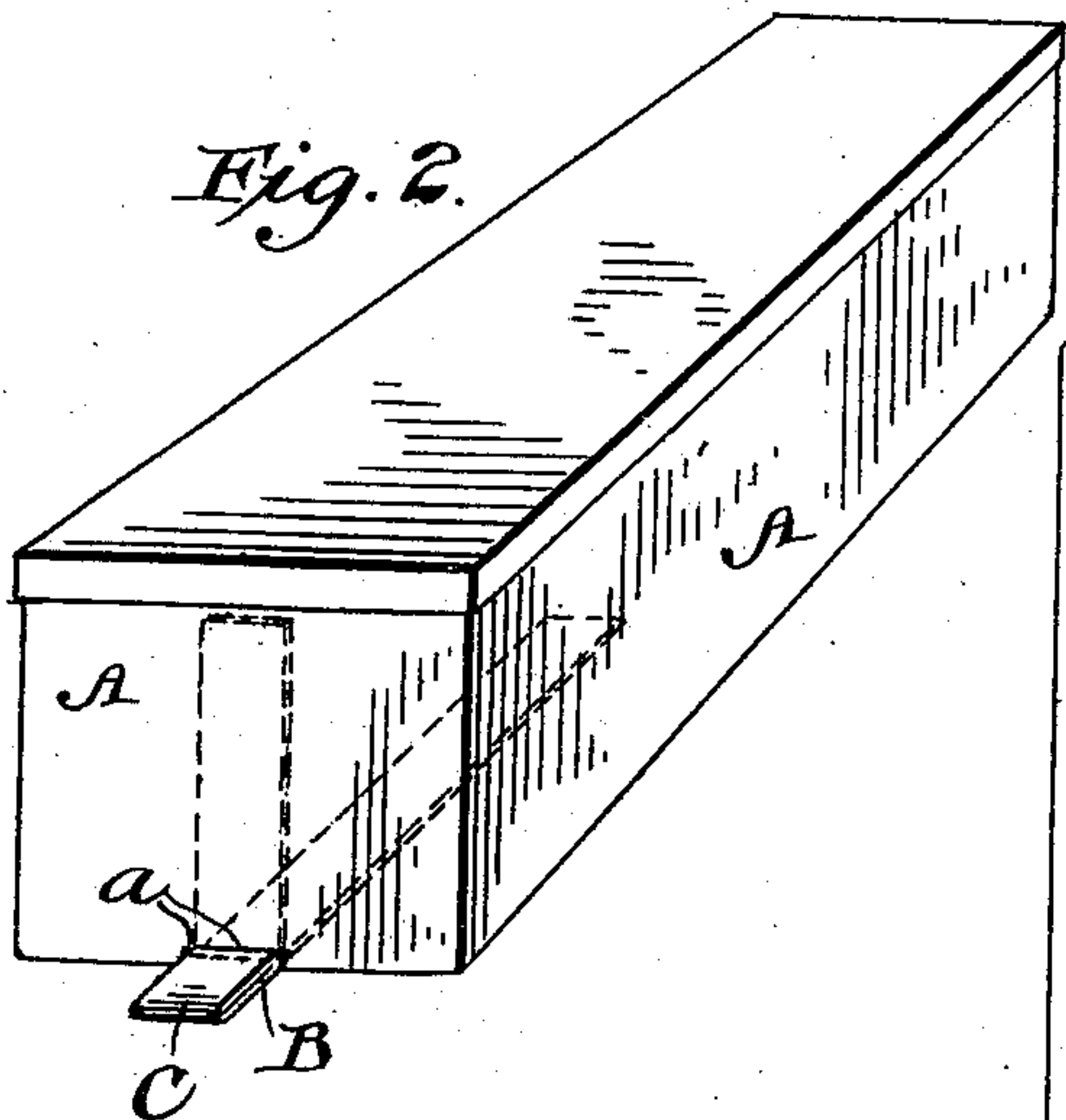
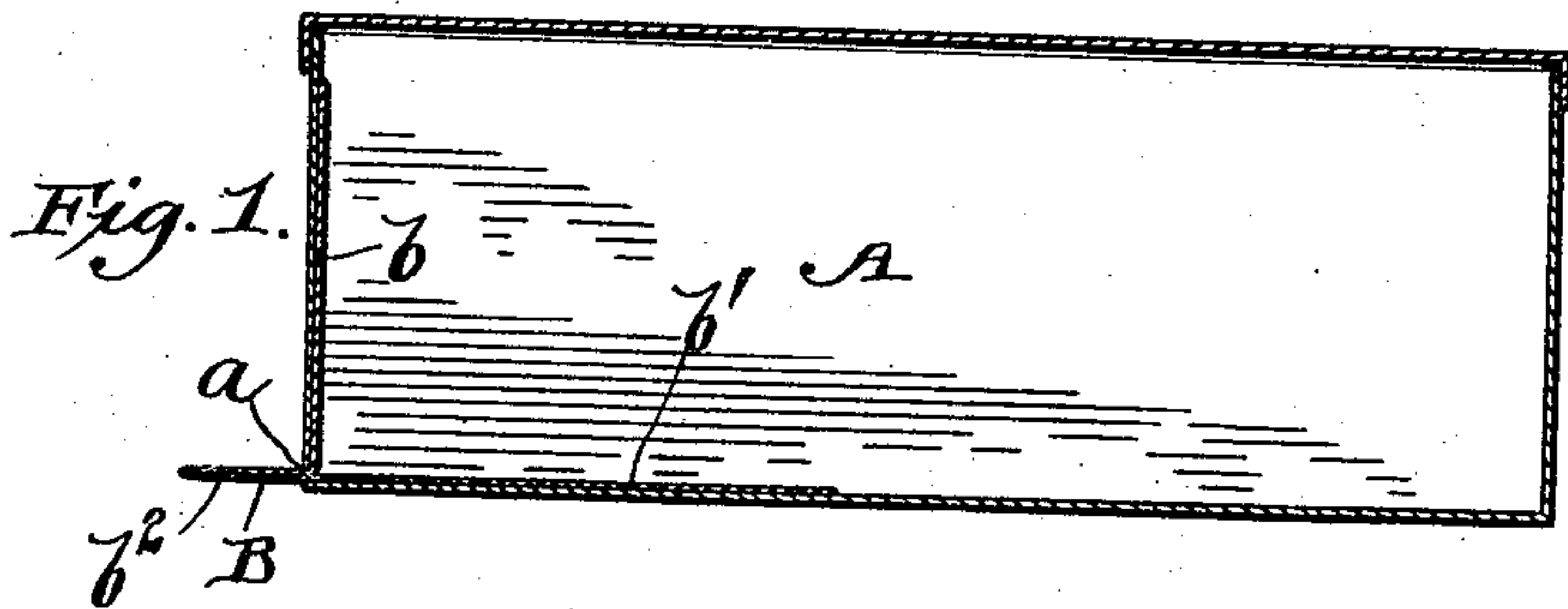


Fig. 4.

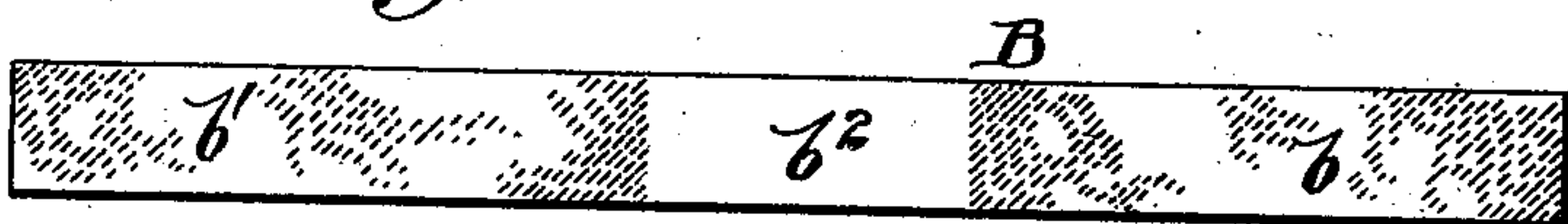
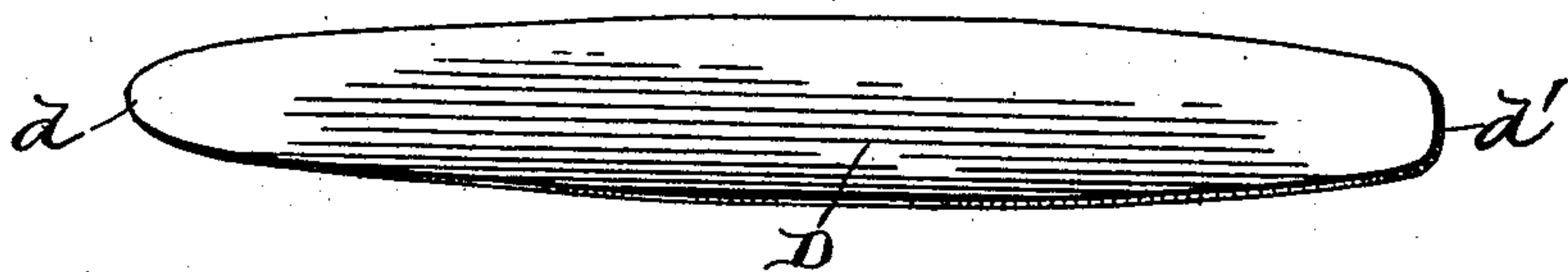


Fig. 5.



WITNESSES

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UNITED STATES PATENT OFFICE.

ALOIS GUSTAVE WUTKE AND HEYMAN UHRY, OF PLAQUEMINE, LOUISIANA.

ATTACHMENT FOR PASTEBOARD BOXES, CARTONS, &c.

SPECIFICATION forming part of Letters Patent No. 577,340, dated February 16, 1897.

Application filed August 3, 1896. Serial No. 601,534. (No model.)

To all whom it may concern:

Be it known that we, ALOIS GUSTAVE WUTKE and HEYMAN UHRY, citizens of the United States, residing at Plaquemine, in the parish of Iberville and State of Louisiana, have invented certain new and useful Improvements in Attachments for Pasteboard Boxes, Cartons, &c.; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

Our invention relates to pulls for boxes, cartons, and the like, and to boxes and cartons provided with such pulls applied in a novel manner; and it consists, first, of a piece of textile material or other suitable flexible material cut into the form of a strip of suitable length and width and having its ends gummed or provided with a suitable adhesive substance and with its central portion ungummed, the strip being adapted to be doubled or folded upon itself and the ungummed loop thereby formed to be inserted through a slit formed in the front lower edge of a box, the looped portion to extend a short distance beyond the front of the box to form a pull and the gummed ends to be secured, respectively, to the bottom and to the inside of the front vertical wall of the box, and, second, of a box, carton, or other analogous receptacle provided on its lower front edge with a looped pull, the inner ends of the pull being extended into the box and one end pasted to the inner side of the vertical front wall of the box and the other end pasted to the inside of the bottom of the box, all as will be hereinafter described and specifically claimed.

The objects of our invention are to provide a pull which can be readily and quickly applied to boxes or cartons now in use in stores and which can be applied to new boxes or cartons to be sold to merchants at slight cost, and to construct such boxes with such pulls. Great difficulty and inconvenience have been experienced by store-keepers in removing boxes or cartons containing goods from high shelves, and numerous lifting devices and package-handlers have been devised for handling down boxes from high shelves, very few, if any, of which have ever come into practical use, owing to the expense of such devices

or their liability to become misplaced and not to be found when wanted. To overcome these difficulties and inconveniences, our simple and practical device has been devised, and from the following specification and an inspection of the accompanying drawings the invention will be readily understood and its superior merits appreciated.

In the accompanying drawings, Figure 1 is a longitudinal section of a box with our invention applied thereto. Fig. 2 is a perspective view of a box, showing the pull in dotted lines secured to the inside of the box. Fig. 3 is a perspective view of a row of shelves with our improved boxes upon the same. Fig. 4 is a top plan view of our improved pull, and Fig. 5 is a perspective view of a tool which will be found useful in applying our improved pulls to boxes.

A in the drawings represents a box of any desired shape or size, such as is used by merchants for storing goods on shelves. The box is provided with a slit *a* at or near its lower front edge and preferably centrally of its width.

B represents a piece of textile or other suitable flexible material, preferably tape, cut into a suitable length and shape, say about five inches long and three-fourths or one-half of an inch wide. This piece of tape or other flexible material has its ends gummed, as at *b b'*, for a considerable distance, the central portion of the strip being left ungummed, as at *b²*. This strip is doubled and folded upon itself to form a loop, and the looped end is pushed through the slit *a* from the inside of the box until it protrudes from the front end of the box a suitable distance, say three-fourths of an inch or an inch, according to the size of the box, to form a pull C.

The gummed ends of the strip are moistened and one end pasted to the inside of the vertical front wall of the box, while its other gummed end is secured to the inside of the bottom of the box and both ends allowed to dry, and thus securely hold the pull in position and prevent its being drawn out when it is taken hold of by the fingers to remove the box from a shelf. The tape or other flexible strip used to form the pull is made of sufficient length to secure a considerable gummed surface. By securing the strip to the inside

of the vertical front wall of the box, as well as to the inside of the bottom of the box, a very strong pull is secured, which will bear considerable strain and permit the invention to be applied to boxes of considerable size, as well as to small boxes, and allow quite heavy articles to be placed in the boxes without liability of the pulls becoming detached from the boxes. For convenience in applying our improved pulls to boxes or cartons we have devised a very convenient tool D, as illustrated in Fig. 5. By the use of this tool a slit can be readily formed in the lower front edge of a box by using the sharpened edge d , and after the slit is formed and the strip of material to form the pull has been doubled upon itself to form a pull the looped ends can be readily passed through the slit from the inside of the box a suitable distance by means of the other end d' of the tool, which is made about the same width as the front end of the tool, but is not sharpened.

As heretofore stated, our invention can be applied to boxes already in use, as well as to boxes to be sold to the trade, and that the pulls can be conveniently applied without in any way destroying the utility of the box.

Our improved gummed strips can be sold as an improved article of manufacture to merchants to be applied to their boxes and cartons already in use, or these boxes can be sold in the first instance with the pulls applied to the same.

Having now described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. As an improved article of manufacture a box, carton or the like formed at or near

its front lower edge with a slit, and provided with a previously-prepared strong flexible strip of suitable length and width, the ends of the strip being gummed a considerable distance, and the central portion of the strip which constitutes a pull being ungummed, the strip being doubled upon itself to form a loop and the ungummed looped portion passed through the slit in the front lower edge of the box, so as to project from the box a considerable distance, to form a pull, the gummed ends of the strip being pasted respectively to the inside of the front vertical wall of the box and to the inside of the bottom of the box a considerable distance, substantially as described.

2. As a new article of manufacture a pull for a box consisting of a strip of flexible material cut into suitable length and width, the ends of the strip being gummed a considerable distance, and the central portion of the strip which constitutes the pull being ungummed, the strip being adapted to be folded upon itself to form a loop, the looped portion to be passed through the slit in the front lower edge of the box a suitable distance to form a pull, and the ends of the strip to be pasted respectively to the inside of the front vertical wall of the box and to the inside of the bottom of the box, substantially as described.

In testimony whereof we have affixed our signatures in presence of two witnesses.

ALOIS GUSTAVE WUTKE.
HEYMAN UHRY.

Witnesses:

HENRY HEZEAN,
T. W. DARDENELL.