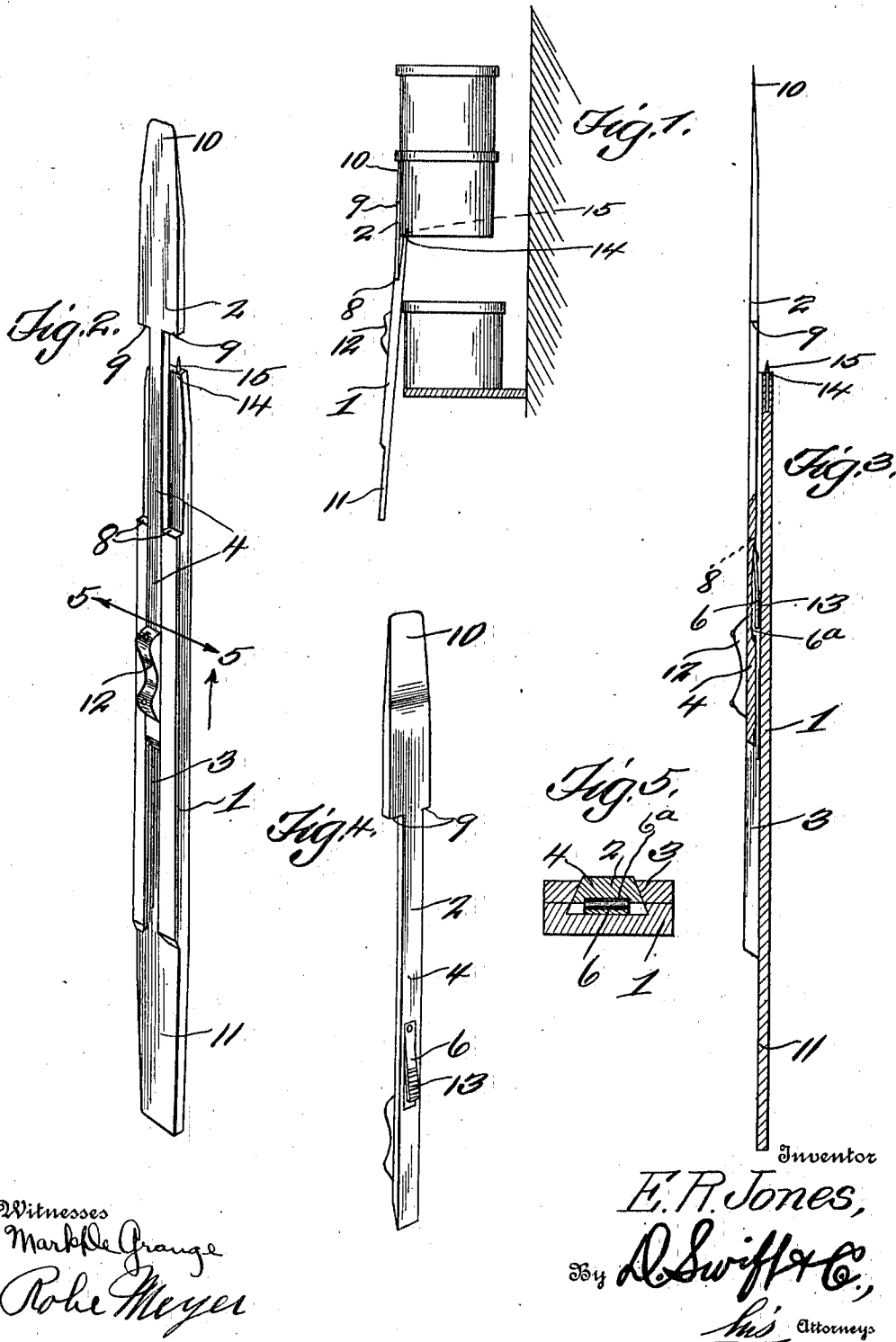


E. R. JONES.
HAT BOX LIFTER.
APPLICATION FILED OCT. 19, 1912.

1,059,469.

Patented Apr. 22, 1913.



UNITED STATES PATENT OFFICE.

EVERETTE R. JONES, OF BLACKSHEAR, GEORGIA.

HAT-BOX LIFTER.

1,059,469.

Specification of Letters Patent.

Patented Apr. 22, 1913.

Application filed October 19, 1912. Serial No. 726,717.

To all whom it may concern:

Be it known that I, EVERETTE R. JONES, a citizen of the United States, residing at Blackshear, in the county of Pierce and State of Georgia, have invented a new and useful Hat-Box Lifter; and I 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.

This invention relates to a new and useful hat box lifter.

As one of the objects of the invention, it is the aim to provide a device of this nature, whereby hat boxes may be lifted with care from high shelves and the like.

A further object of the invention is the provision of a lifter of this nature, comprising two sections united together by a dove-tailed or telescopical union or joint, one of said sections having a spring adapted to frictionally engage the other section, for holding the extensible section extended. In lifting a hat box from a shelf, the end of the extensible section is inserted between the peripheral flange of the top of the box, and the body of the box, while upon the upper end of the other section the lower edge of the box rests, thereby firmly supporting the box while being removed or withdrawn from the shelf, as shown in Figure 1.

There are disclosed in the drawings certain features of construction, but in practical fields these features may necessitate alterations, to which the patentee is entitled, provided the alterations fall within the scope of what is claimed.

The invention comprises further features and combination of parts, as hereinafter set forth, shown in the drawings and claimed.

In the drawings:—Fig. 1 is a view in perspective, showing the application of the invention. Fig. 2 is an enlarged detail perspective view of the improved lifter. Fig. 3 is a longitudinal sectional view. Fig. 4 is a detail view of the extensible section of the lifter. Fig. 5 is a cross sectional view, on line 5—5 of Fig. 2.

Referring more especially to the drawings 1 and 2 designate the two sections of the lifter. The section 1 constitutes the holder provided with a longitudinal dove-tailed open ended groove 3 adapted to receive the shank 4 of the extensible section 2. The shank 4 in cross section corresponds in

contour with the groove 3. The back side of the shank 4 is provided with a leaf spring 6, adapted to bear frictionally against the inner face of the groove 3, so as to hold the extensible section 2 in extended positions. The holder or section 1 is constructed with a cutaway portion 7 forming shoulders 8, against which the shoulders 9 of the section 2 contact, when the said section 2 is fully withdrawn within the section or holder 1. The section 2 beyond the shoulders 9 terminates in a thin blade 10, while the lower portion of the holder or section 1 terminates in a handle 11. The lower end of the shank 4 is provided with a thumb piece 12, whereby the extensible section may be extended or withdrawn into the holder or section 1. The leaf spring 6 is provided with serrations 13 for engagement with the inner face of the groove 3, in order to insure the holding of the extensible section in an extended position.

In lifting a hat box from a shelf, the thin blade 10 is first inserted under the annular flange of the cover of the box, while the lower edge of the body of the box rests upon the end 14 of the section or holder 1, there being small spurs 15 adapted to enter the bottom of the box, so as to insure against displacement of the same, when removing the box from a shelf. When the extensible section is extended, and a person is in the act of lifting a box, the extensible section tends to spring from the other section, as the box is being lifted.

The invention having been set forth, what is claimed as new and useful is:—

A hat box lifter, comprising two sections, one constituting a holder section, and the other an extensible section, the holder section having a longitudinal dove-tailed groove, while the extensible section is provided with a shank dove-tailed in said groove, the shank of the extensible section having a spring provided with serrations adapted to frictionally engage the inner face of said groove for holding the extensible section extended, a thumb piece forming an integral part of the shank of the extensible section, whereby the same may be adjusted, the holder section and the extensible section having cooperating shoulders to limit the sections in their closed relations, the extensible section beyond its shank terminating in a blade adapted to engage under the annular flange of a box lid, while

the upper end of the holder section is provided with means adapted to pierce the lower peripheral edge of the body of the box, the two sections when one is extended adapted to slightly spring apart, in order to insure a proper grip upon the box.

In testimony whereof I have signed my

name to this specification in the presence of two subscribing witnesses.

EVERETTE R. JONES.

Witnesses:

J. M. TAYLOR,

H. DANIEL.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
