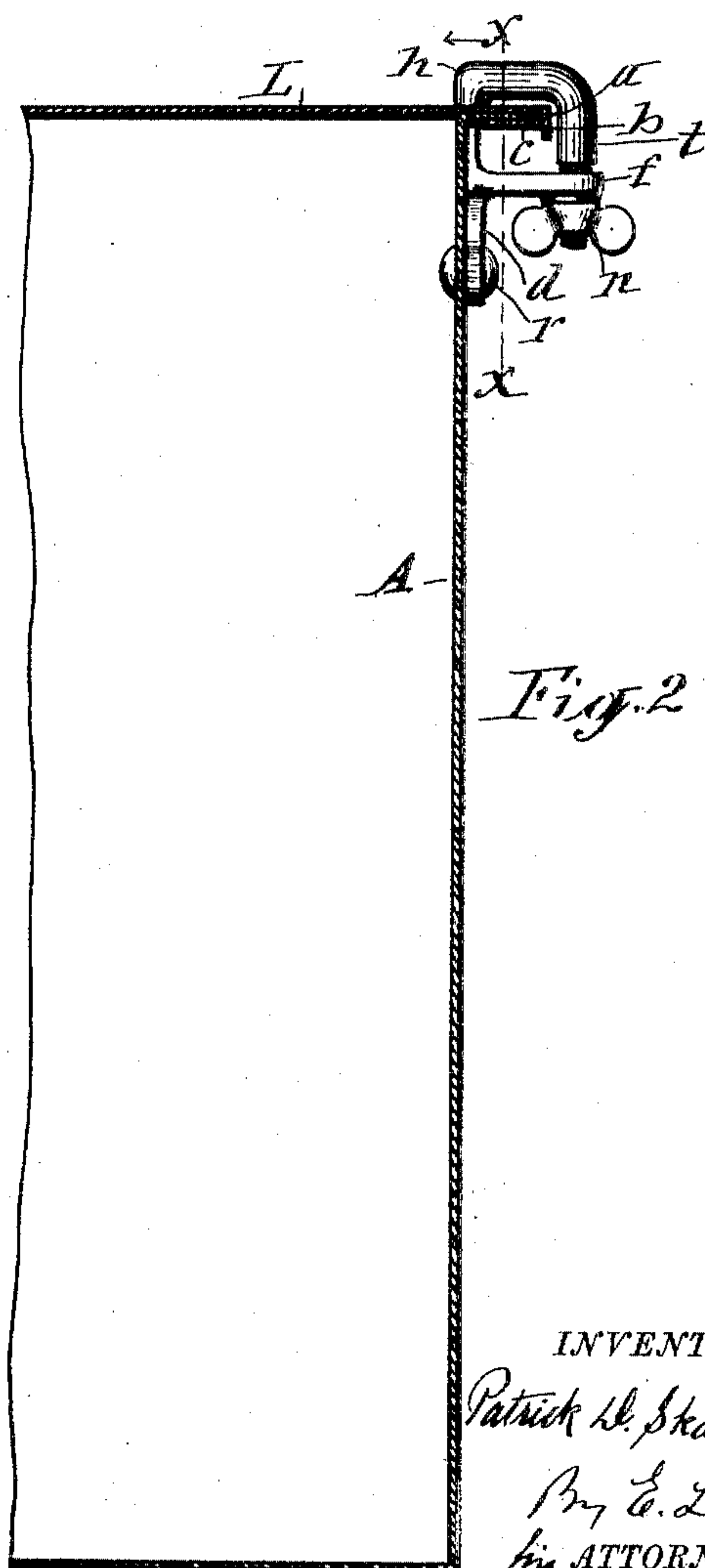
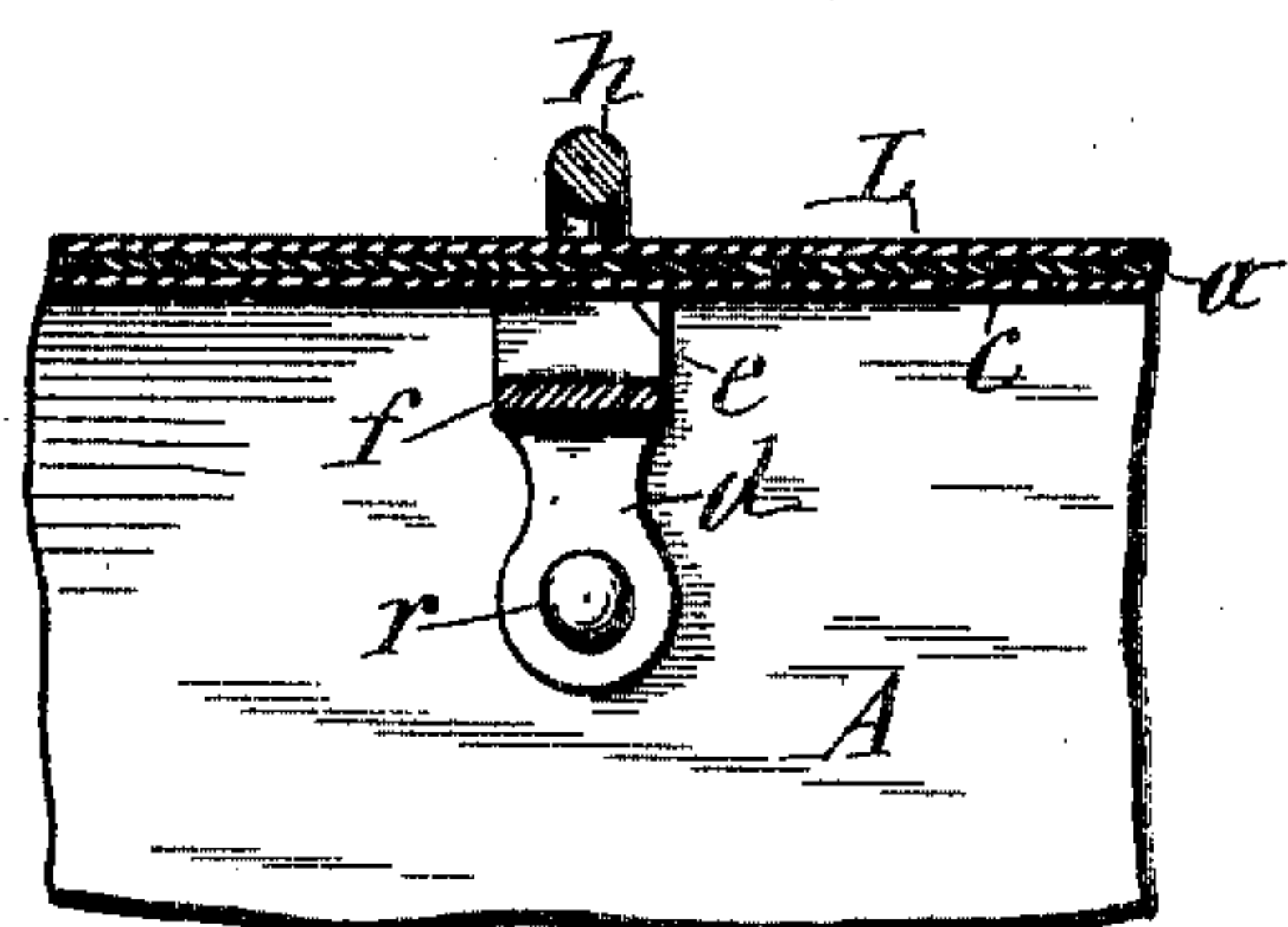
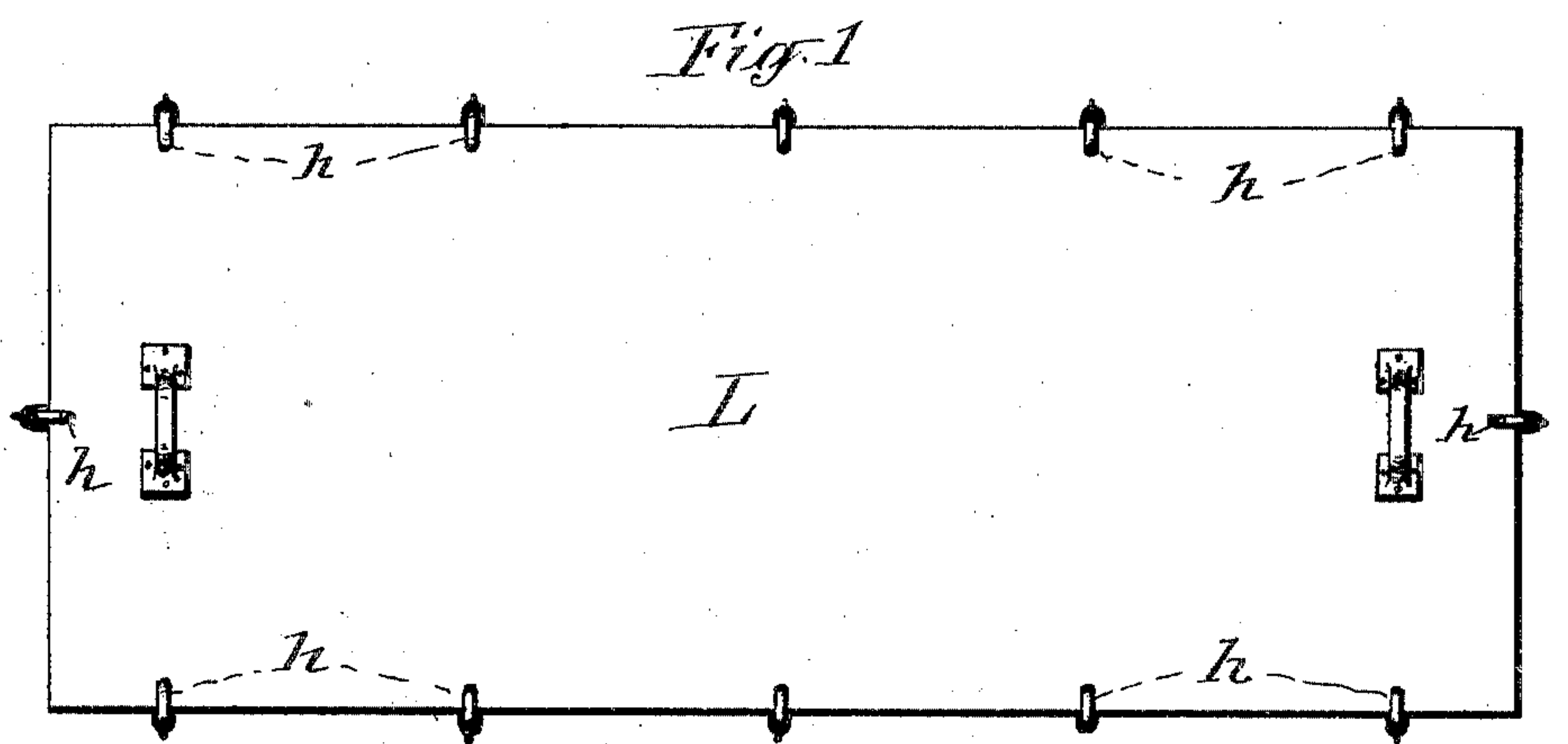


No. 780,135.

PATENTED JAN. 17, 1905.

P. D. SKAHEN.
BOX LID FASTENER.

APPLICATION FILED AUG. 21, 1903. RENEWED JUNE 17, 1904.



WITNESSES:

J. J. Laas
W. H. Meier, Jr.

INVENTOR

Patrick H. Skahen
By E. Laas
his ATTORNEY.

UNITED STATES PATENT OFFICE.

PATRICK D. SKAHEN, OF SYRACUSE, NEW YORK.

BOX-LID FASTENER.

SPECIFICATION forming part of Letters Patent No. 780,135, dated January 17, 1905.

Application filed August 21, 1903. Renewed June 17, 1904. Serial No. 212,950.

To all whom it may concern:

Be it known that I, PATRICK D. SKAHEN, a citizen of the United States, and a resident of Syracuse, in the county of Onondaga, in the State of New York, have invented new and useful Improvements in Box-Lid Fasteners, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

This invention relates to clamps designed for securing lids to the so-called "rough" boxes for burial-caskets or analogous boxes formed of sheet steel or iron.

The object of the invention is to provide a clamp which shall be simple and inexpensive in construction and convenient and efficient in its operation and shall also present minimum projection above the box; and to that end the invention consists in the novel construction of the clamp hereinafter described and claimed and as illustrated in the annexed drawings, in which—

Figure 1 is a top plan view of a metallic rough box, with the lid secured thereto by means of my improved clamps. Fig. 2 is an enlarged vertical transverse section of a portion of a metallic rough box, illustrating more fully the construction and operation of the clamp which fastens the lid to the box; and Fig. 3 is a transverse section on line X X in Fig. 2.

A represents the rough box formed of sheet steel or iron and with a horizontal outwardly-projecting flange *a* on the top thereof.

L denotes the lid, which is likewise formed of the aforesaid material and is seated upon the flange of the box. The edges of the said lid are formed with downwardly-projecting flanges *b b*, which abut against the edges of the flange *a* to prevent the lid from shifting laterally on the box.

c is a plate which is applied to the under side of the flange *a* and closely embraces the top of the box, as shown in Fig. 2 of the drawings, said plate serving to reinforce the flange *a* to better sustain it in its horizontal position.

d represents a bracket which is attached to the exterior of the upper portion of the box, preferably by means of a rivet *r* passing

through the lower portion of the bracket and through the wall of the box. The upper end of the said bracket is formed with a horizontal transverse bearing *e*, which engages the under side of the plate *c* adjacent to the wall of the box. The said engagement serves to prevent the bracket from turning on the rivet *r* and at the same time forms a support for the plate *c* and the flange *a*.

f is an arm which is formed on the bracket and projects outward beyond the flange *a* and is provided in its free end with an aperture in which is pivoted the lower end of a post *t*. The said end of the post is screw-threaded and protrudes through the bottom of the arm, where it is provided with a nut *n*, engaging the under side of the arm *f*. The upper end of the said post is formed with a laterally-extending clamping-arm *h*, which is of a length to allow its free end to bear on top of the lid directly over the upper end of the bracket. By tightening the nut on the post the clamping-arm *h* is caused to press firmly upon the lid and hold it tightly upon the box. The lid is readily removed from the box by loosening the nut *n*, then turning the post *t*, so as to carry the clamping-arm away from the lid, which is thus made free to be lifted from the box.

A suitable packing may be placed between the margin of the lid and subjacent flange of the box to hermetically seal the lid.

What I claim as my invention is—

1. The combination with the box provided with an outwardly-projecting flange, and the lid supported on said flange, of a bracket fastened to the exterior of the wall of the box and formed with an outwardly-projecting bearing supporting the aforesaid flange, and with an arm extending beyond the flange, and provided with an aperture in its free end, a post pivoted in said aperture and screw-threaded at its lower end, a nut on the post engaging the under side of the aforesaid arm, and a laterally-extending clamping-arm fixed to the upper end of said post.

2. The combination with the box provided with an outwardly-projecting flange on the top thereof, of a bracket attached to the box and formed with a bearing immediately under the

flange of the box, a post pivoted to the bracket and screw-threaded on its lower end, a nut on said end, and a clamping-arm formed on the post and disposed to engage and release the
5 top of the lid as set forth.

3. The combination with the box provided with an outwardly-projecting flange on the top thereof, of a plate applied to the under side of said flange, a bracket attached to the
10 exterior of the box and formed at its upper end with a bearing engaging the bottom of the aforesaid plate, an arm projecting out-

ward from the bracket and provided with an aperture in its free end, a post pivoted in said aperture and screw-threaded on its lower end,
15 a nut on said end engaging the under side of the arm, and a clamping-arm formed on the post and disposed to engage and release the lid directly over the top bearing of the bracket as set forth and shown.

PATRICK D. SKAHEN.

Witnesses:

J. J. LAASS,

G. VAN VORST.