(No Model.)

J. HAMMESFAHR.

BAG LOCK.

No. 400,334. Patented Mar. 26, 1889.

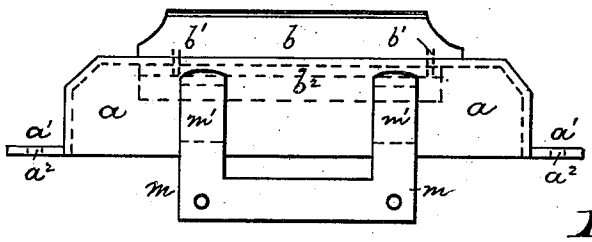


Fig. 1

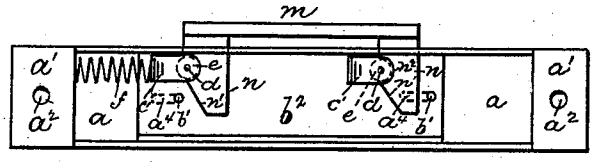


Fig. 2

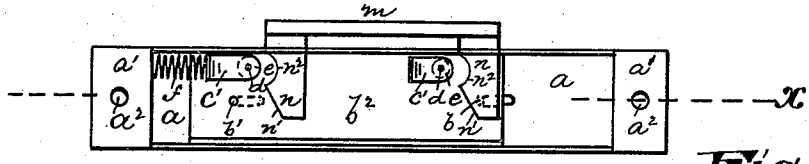


Fig. 3.

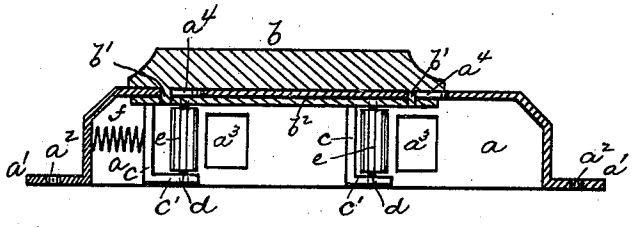


Fig. 4.

WITNESSES:

Alfred Gartner

E. L. Sherman

INVENTOR:

Julius Hammesfahr,

BY Wm. Baker & Co. ATTY'S.

N. PETERS.-Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

JULIUS HAMMESFAHR, OF NEWARK, NEW JERSEY, ASSIGNOR TO R. NEUMANN & CO., OF SAME PLACE.

BAG-LOCK.

SPECIFICATION forming part of Letters Patent No. 400,334, dated March 26, 1889.

Application filed January 31, 1889. Serial No. 298,274. (No model.)

To all whom it may concern:

Be it known that I, JULIUS HAMMESFAHR, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Bag-Locks; 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, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

The object of my invention is to facilitate the closing of bag-locks and to secure them against being opened by sudden jars or from sudden blows.

The invention consists in the improved bag-lock with anti-friction rollers and combinations and arrangements of parts thereof, substantially as will be hereinafter more fully set forth, and finally embodied in the claims.

Referring to the accompanying drawings, in which like letters of reference indicate corresponding parts in each of the several figures, Figure 1 is a side view of a bag-lock closed, with my improvement. Fig. 2 is a plan view from underneath, showing the two parts of the lock held together. Fig. 3 is a similar view showing the anti-friction rollers out of contact with the hasp portion of the lock; and Fig. 4 is a central longitudinal section of the case on line *x*, Fig. 3.

In said drawings, *a* is a lock-case, with flanged ends a' a', with openings a^2 a^2 for securing it to one of the jaws of a bag in any desired manner. In one side of the lock-case are openings a^3 a^3 (seen in Fig. 4) for receiving the ends of a hasp or tongue, as will be hereinafter shown.

On the top of the lock-case is arranged a slide or finger piece, *b*, secured by rivets b' b' to a plate, b^2, on the under side of the top of the lock-case, as shown in Figs. 1 and 4, the rivets b' being arranged to slide in slots a^4 a^4 in the top of the lock-case, as shown in Figs. 2, 3, and 4, so as to permit the opening and closing of the bag. To the under side of the plate b^2 and extending downward are secured in any desired manner brackets *c c*, with their lower ends turned at right angles, as shown at *c l* in Fig. 4, so as to receive and hold pins or studs *d d*, upon which revolve anti-friction rollers *e e*. To one of the brackets is secured one end of a spring, *f*, the other end of the spring being secured to or resting against one of the inner walls of the case.

To the other jaw of the bag is secured, by rivets or screws, or in any desired manner, a hasp or tongue, *m*, (shown in the drawings as made with two engaging ends, m' m'.) These ends m' m' are provided with right-angled projections *n n*, with ends beveled on one side, as at n' n', to more readily pass over the rollers *e*. Upon the beveled side of the projections *n* are formed semicircular slots n^2 n^2, adapted to receive and hold the rollers *e* when the hasp or tongue has passed within the case, so as to lock the two jaws of the bag together, as will be manifest.

The pins or studs carrying the anti-friction rollers should be so arranged on the slide or finger-piece that when the slide is in its normal position the rollers will partly cover the openings a^3 in the case, as shown in Fig. 2.

I have shown the bag-lock as arranged with a double hasp or tongue; but one or more tongues can be used, if desired.

The slide or finger piece can be provided with any desired form of locking device to prevent the slide from being moved, as will be manifest.

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

1. In a bag-lock provided with a lock-case and hasp or tongue, a slide or finger piece, with studs or pins secured thereto, and anti-friction rollers revolving on said pins or studs and adapted to engage with slots in said hasp or tongue, as shown, and for the purpose set forth.

2. In a bag-lock provided with a lock-case and openings and a slide or finger piece, a tongue or hasp with tapering ends, and provided with slots adapted to receive and hold anti-friction rollers rotating on pins or studs attached to the finger-piece within the lock-case, as shown, and for the purposes set forth.

3. In a bag-lock, the combination of a lock-case provided with openings on the side, a slide or finger piece secured to said case and

adapted to slide on said case, pins or studs secured to said finger-piece, rollers rotating on said pins, and a tongue or hasp with beveled end and semicircular sockets adapted to receive and hold said rollers, all as shown, and for the purpose set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 17th day of December, 1888.

JULIUS HAMMESFAHR.

Witnesses:
OLIVER DRAKE,
E. L. SHERMAN.