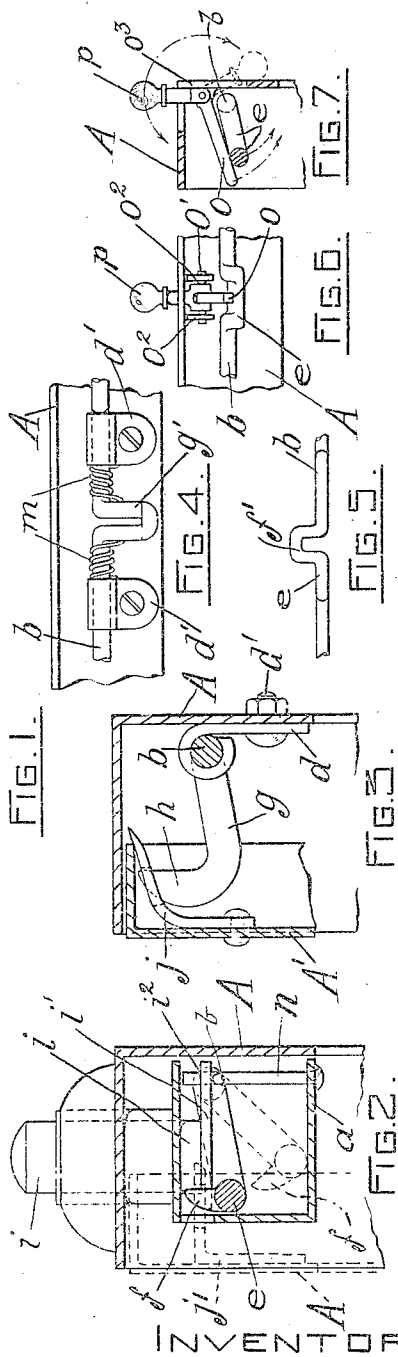


1,056,333.

WITNESSES.

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FASTENER FOR BAGS, TRUNKS, &c.

1,056,333.

Specification of Letters Patent.

Patented Mar. 18, 1913.

Application filed August 24, 1912. Serial No. 716,837.

*To all whom it may concern:*

Be it known that I, JAMES HILL, a citizen of the United States, residing at Paignton, in the county of Devon, England, have invented certain new and useful Improvements in Fasteners for Bags, Trunks, &c., of which the following is a specification.

My invention relates to improved fastenings or locks for handbags, dressing cases, trunks and the like, and more especially to that class of bags and trunks which require clips, slides or other forms of exterior fastenings near the ends of the bag frame or at the sides of the trunk in addition to the central lock. Bags and trunks fitted with this outside type of fastening are defective because they may be easily tampered with by forcing the ends apart and inserting the fingers to feel the nature and value of the contents. Outside slides and clips are also unsightly and often broken off.

The chief objects of my invention are to effectually overcome these defects and to attain these ends in a structure which is simple to operate, inexpensive to construct, and possessing a maximum of strength.

To the above ends my invention consists in such parts and such combinations of parts as fall within the scope of the appended claims.

In the accompanying drawings which form a part of this specification;—Figure 1 is a side elevation of a distended bag frame embodying my invention, showing the front plate of the lock case removed, and portions of one jaw broken away, Fig. 2, an enlarged section on line 2—2 of Fig. 1, showing in broken lines the position of the parts of the second jaw when engaged, Fig. 3, a like section of the closed frame on a line corresponding to line 3—3 of Fig. 1, and Figs. 4 to 7 inclusive, detail views of modified forms of my invention.

Like reference characters indicate like parts throughout the views.

My invention in the form thereof herein shown, is illustrated in connection with the frame of a Gladstone bag, which frame comprises the usual jaws A and A' made of pressed angle iron and the usual metal lock case a attached by screws a' or otherwise to the jaw A. A metal rod b passes through openings b' in the end walls of the case at the rear, and is rotatably mounted in bearings d, fixed by screws d' or otherwise to the frame A, near the bands of the jaw. The

rod b is provided midway its length, within the casing a, with a double crank provided with lugs f. Single cranks g are formed at each end of the rod b, provided with upwardly turned J-shaped lugs or lips upon their extremities. The cranks g have angles and strokes corresponding to those of the crank c. The usual plunger i is located in the crank case over the crank c and is provided with a foot plate z', which contacts with the crank c, and which has an opening z'' to loosely receive a vertical guide pin n fixed in the bottom of the case a. Fixed to the frame member A' near its ends, and in alinement with the cranks g are sockets j. Sockets j' upon the same member are in alinement with the lugs f. Downward pressure upon the plunger i causes the rod b to rotate, depressing the lugs or catches f on the center crank c, out of the sockets j', as shown in Fig. 2 in broken lines, and at the same time and by the same motion withdraws the lugs h from sockets j. Upon releasing the pressure on the plunger i or the lever hereinafter described, the center crank c, the catches f and the lugs h are forced back to their normal position by two right and left hand spiral springs l, mounted on the rod b inside the case a. Each spring l has its inner end l' engaged with the crank, and its outer end l'' engaging the case a. In large and heavy trunks, dress cases and the like it is sometimes advantageous to supplement the described parts by additional bearings d' upon the jaw A, as shown in Fig. 4, and to provide the rod b intermediate the latter with an additional crank g' and actuating spring m.

Although two lips, catches, or lugs, f are shown on the center crank c, it will be understood that only one or more than two may be provided. These lugs may be formed integrally with the crank as shown in Figs. 1 and 2, or may be fixed thereto in any convenient manner, or may be formed by bending the constituent wire of the rod b as at f', as shown in Fig. 5.

If desired, the usual lock catches, fastened on a cross plate or otherwise arranged, may be fitted to the lock case a, in which case the lugs f may be dispensed with.

A construction especially applicable to small bags and the like having light and narrow frames is that shown in Figs. 6 and 7, which has in place of the plunger i, for oscillating purposes a lever q supported in

a bracket  $o^2$  upon the jaw A. This lever rests upon the crank  $o$ . A finger piece  $p$  has its lower bifurcated end pivoted upon the pintle  $o'$ , embracing the lever,  $o$ , and movable in a slot  $o^3$  in the jaw A, whereby the lever  $o$  may depress the crank  $e$ , and when not in use may drop against the exterior of the frame as shown in broken lines in Fig. 7.

10 The plunger  $i$  may be centrally perforated, as is usual, to allow the insertion of a key to operate a suitable form of lock or other device. In this instance the locking device is designed to prevent the depression 15 of the crank when the bag is closed, and may be comprised for instance of a bolt slidable to a position under the crank.

Having described my invention what I claim is:—

20 1. In a device of the character stated, the combination of a frame, a rod mounted to turn axially on the interior thereof and formed with a crank portion within said frame, and slidable means for rotating said 25 rod.

2. In a device of the character stated, a frame, a rod mounted to turn axially and provided with a crank portion, a plunger 30 for rotating said rod, and means on said crank portion for fastening at the center of the receptacle.

3. In a device of the character stated, a frame, a rod mounted to turn axially and provided with a crank portion, a plunger 35 for rotating the rod, resilient means for throwing the crank, and locking means on the crank portion.

4. In a device of the character stated, the combination of a frame, a rod mounted to 40 turn axially and provided with a crank, locking means engaging said crank portion and spring means for rotating said rod.

5. In a device of the character stated, a frame, a rod mounted to turn axially and provided with a crank portion, and a plunger 45 for rotating said rod.

6. In a device of the character stated, a frame, a rod mounted to turn axially and provided with a crank portion, a plunger for rotating said rod, and resilient means for 50 throwing the crank.

7. In a device of the character stated, a frame, a rod with crank portion and end lugs, a spring acting on said rod for rotating the same, locking means engaging said crank 55 portion and a plunger acting on said crank.

8. In a device of the character stated, a frame, a rod with a crank portion and end lugs, means engaging the crank portion for locking the device at the center, a spring 60 coiled about and acting upon said rod for rotating the same, sockets for cooperation with said lugs, and a plunger acting on said crank.

9. In a device of the character stated, a 65 frame, a rod mounted to turn axially and with crank portion, means for rotating said rod in one direction, and a plunger acting on said crank portion for turning it in the 70 opposite direction.

10. In a device of the character stated, a frame, a rod mounted to turn axially and with crank portion, means for rotating said rod in one direction, and a plunger acting on 75 said crank portion for turning it in the opposite direction, said rod having lugs at its ends and adjacent the crank portion, and sockets for the reception of said lugs.

In testimony whereof I have affixed my signature in presence of two witnesses.

JAMES HILL.

Witnesses:

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THOMAS PARSONS WILSON.