

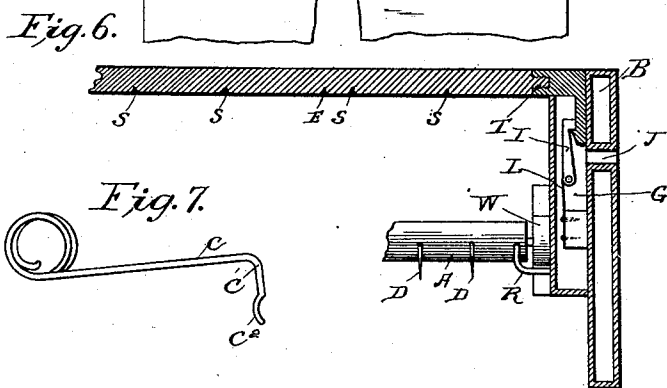
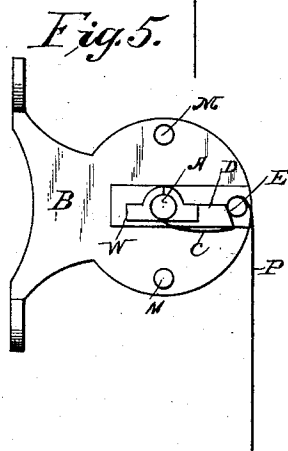
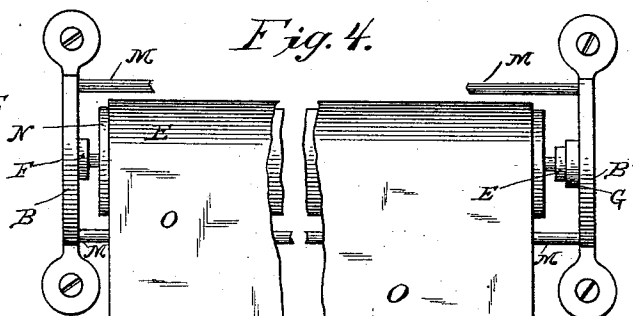
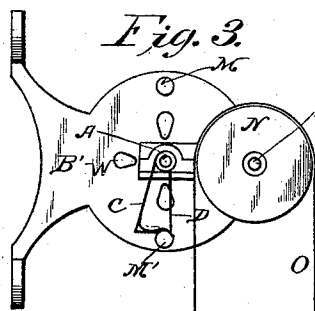
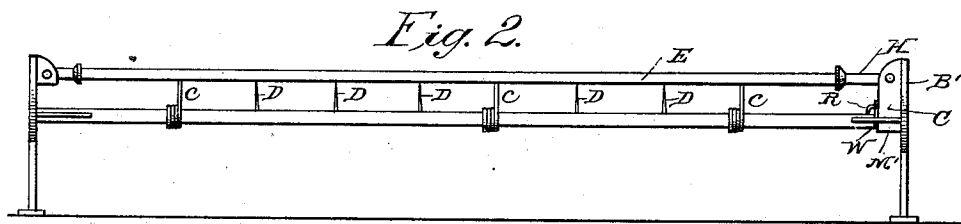
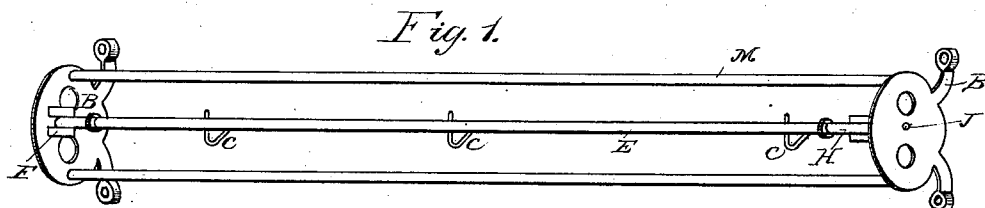
(No Model.)

F. W. SWIGART.

COMBINED ROLLER AND TOWEL RACK.

No. 364,611.

Patented June 7, 1887.



Witnesses

Harry S. Rootner

L. W. Dorring

Inventor

F. W. Swigart

By his Attorney

J. B. Haines

UNITED STATES PATENT OFFICE.

FRANK W. SWIGART, OF CLOVERDALE, CALIFORNIA.

COMBINED ROLLER AND TOWEL-RACK.

SPECIFICATION forming part of Letters Patent No. 364,611, dated June 7, 1887.

Application filed July 26, 1886. Serial No. 209,069. (No model.)

To all whom it may concern:

Be it known that I, FRANK W. SWIGART, a citizen of the United States, residing at Cloverdale, in the county of Sonoma and State of California, have invented a new and useful Roller Towel-Rack, of which the following is a specification.

My invention relates to improvements in combined roller and towel-rack; and it consists in the construction, arrangement, and combination of the roll for roller-towels and the clamp for the common bed-room towels. It will be understood by reference to the accompanying drawings and the letters referring thereto.

Figure 1 is a front perspective view; Fig. 2, a side elevation; Fig. 3, an end section with the roller attached; Fig. 4, a broken front elevation; Fig. 5, a broken sectional view with the roll removed and the clamp employed. Fig. 6 is a broken sectional view showing the clamping-rod with locking device, the axis-rod and stop resting against the journal-box; and Fig. 7 a perspective view of the clamping-stop and holding-spring.

The following is the construction of the same: A represents the axis; B and B', the brackets; C, the clamping and stop-holding springs, which are secured upon the shaft A, and which are bent to form the arms C²; D, the catch-pins; E, the clamp-rod; F, the hinge; G, the lock; H, the clamp-rod hook; I, the lock catch or hook; J, the key-hole; L, the lock-spring; M and M', the frame tie-rods; N, the towel-roll; O, the roller-towel; P, the common bed-room towel; R, the stop wire or hooks; S, the pin-holes to receive the catch-pins D.

T represents the screw-joint to screw the catch upon the clamp-rod.

I generally form the axis-rod A and the two stay-rods M and M' of brass or other suitable metal, to insure a strong but neat construction. The brackets B are of any suitable casting. The clamping-rod E is also of metal, and has the end piece and hook, H. (Clearly shown in Fig. 6.) This piece is screwed onto the end of the clamp-rod, so as to admit of taking off for the purpose of placing the roller upon the rod E. The roll N is commonly formed of suitable wood and bored through the center to

pass freely upon the rod E, and revolve upon the same as the towel is drawn over it.

The center rod, A, has the stop or hook R, arranged near one end, adjacent to the bracket B', and adapted to bear upon the journal-box W, secured to the bracket B', and in which one end of the axle A is journaled. It also has the catch-pins D, which are of metal, and find a bearing against the tie rod M' when the roll for the roller is in use.

When the bed-room towel is in use, the pins D pass through the same and enter the holes S in the clamp-rod E. I form the lock G with a case similar to other locks of that class. I hold the catch I in contact with the hook H by means of the spring L. I form a key-hole, J, through the bracket B' to allow the operation of the lock G by a key, in the usual manner.

The following is the operation of my improvement in combined roller and towel-rack: To place the common bed-room towel upon the rack, the towel P is placed upon the clamping-rod E, and the axle-rod A is turned up until the catch-pins D are brought in line or directly back of the clamping-bar. The clamping-bar is then shut in upon the pins D, which extend into the holes S. The catch-point H, at the same time passing into the lock G and engaging with the lock-catch I, securely holds the towel, so as to require a key to open and take the towel off. When the towel is to be taken off, the key is placed in the key-hole J and the lock-catch I forced back, allowing the clamp-rod catch H to be withdrawn. The clamp-rod E is then swung out and the axle-rod A turned down until the stop R rests upon the journal-box W and the pins D rest upon the frame-tie M'. The catch H is then unscrewed from the clamp-rod E and the roll N placed upon the same, when the catch-piece N is again screwed upon the clamping-rod E, which then serves as the axle or journal for the towel-roller N to revolve upon, like any other towel-roller operates. The clamp-bar and roller-journal E is then shut in the catch H, passing into the lock G and locking, as before described. Where the old appliances for towel-rack and roller are employed a great many towels are lost or stolen from hotels and other public places where towels are used. Besides the advan-

tage of securing the towel, it will be seen that several towels may be placed over the clamp E and held in place by the pin D, and as fast as they are soiled may be thrown back over the rack and allowed to hang out of sight. By thus hanging they are always in a position to dry after using.

The catch-pins D keep the towels spread out, instead of folding or bunching up and retaining the moisture.

The springs C upon the shaft A prevent the rotation of the shaft by engaging the shaft, and thereby hold the pins D in the holes S, so that there is no liability of the towels being accidentally detached.

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

1. In a towel-holder, the combination, with the brackets and their connecting-bars, of a journaled shaft, springs constructed substantially as described and secured to the shaft A, pins secured to said shaft, and the rod having openings to receive the pins, substantially as set forth.

2. The combination, with the brackets and their connecting-rods, of the shaft A, arm R, box W, the spring-actuated lock-catch I, the rod E, and the hook H thereon, said rod E being adapted to receive a roller, as described.

FRANK W. SWIGART.

Witnesses:

JOHN H. REDSTONE,
L. E. REDSTONE.