No. 706,838.

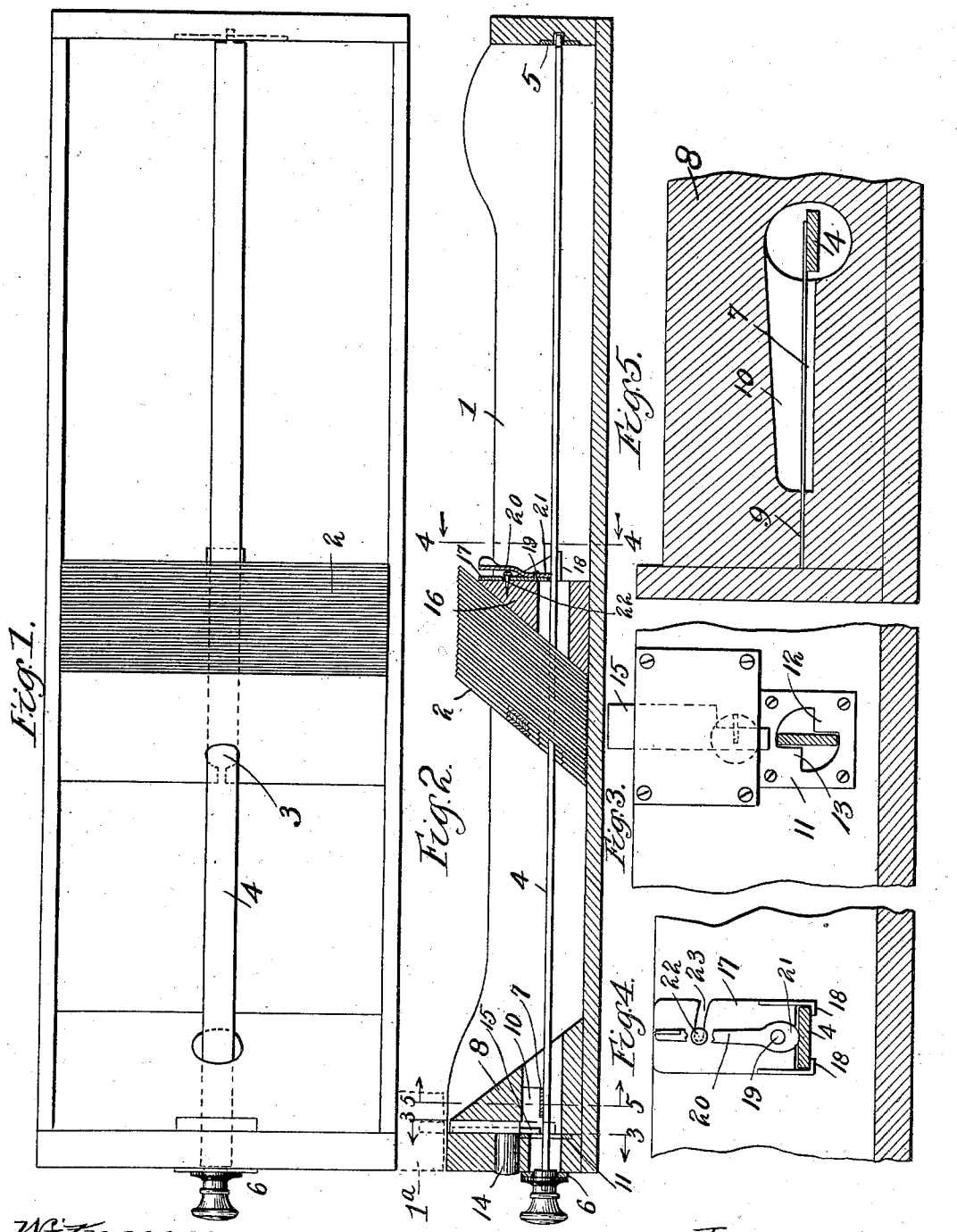
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W. LUMLEY.

CARD LIST OR INDEX.

(Application filed July 19, 1897.)

(No Model.)



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WILLIAM LUMLEY, OF CHICAGO, ILLINOIS.

CARD LIST OR INDEX.

SPECIFICATION forming part of Letters Patent No. 706,838, dated August 12, 1902.

Application filed July 19, 1897. Serial No. 645,048. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM LUMLEY, a subject of the Queen of Great Britain, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Card Lists or Indexes, of which the following is a full, clear, and exact specification.

My invention relates to that class of devices utilized for keeping lists on separate slips or cards, in which the cards are provided with keyhole-slots or slots having a narrow neck leading into a greater enlargement and strung upon a bar rotatably mounted in a drawer or other receptacle and having one of its diameters sufficiently reduced to pass through the narrower portion of the slot, while its other fits within the larger portion only, so that when the major diameter is across the contracted portion of the slot the cards cannot be removed from the drawer or receptacle.

One of the objects of my invention is to provide improved and simple means for locking the aforesaid rod against rotation, whereby unauthorized persons may be prevented from removing the cards.

More specifically stated, the object of my invention in this respect is to provide a lock in combination with the said rod which will alternately lock the rod against rotation or the drawer from being withdrawn, so that the act of unlocking the drawer will automatically lock the rod.

Another object of my invention is to provide improved and simple means for locking the follower upon which the cards rest to the rod.

With these ends in view my invention consists in certain features of novelty in the construction, combination, and arrangement of parts by which the said objects and certain other objects hereinafter appearing are attained, all as fully described with reference to the accompanying drawings, and more particularly pointed out in the claims.

In the said drawings, Figure 1 is a plan view of a drawer provided with my improvements. Fig. 2 is a vertical longitudinal sectional view thereof, showing the rod locked. Fig. 3 is an enlarged detail sectional view taken on the line 3 3, Fig. 2, showing the rod unlocked. Fig. 4 is a detail sectional view taken on the line 4 4, Fig. 2; and Fig. 5 is a detail sectional view taken on the line 5 5, Fig. 2.

1 represents a drawer of any suitable or usual form, in which are arranged the cards 2, each provided with the aforesaid keyhole-slot 3, through which passes the retaining-rod 4. In my invention this rod 4 is constructed of a flat strip considerably narrower in one direction than the other and journaled at its inner end in a suitable plate 5, secured to one end of the drawer and at its outer end in a plate or escutcheon 6, secured to the outer end of the drawer, the construction being such that the rod may rotate without being withdrawn. The rod 4 is held against accidental movement in either of its positions by means of a flat or blade spring 7, which bears against the rod, as more clearly shown in Fig. 5, so that when the rod is lying flat it will bear against the flat side thereof and prevent the cards from being withdrawn, and when the rod is turned on edge, as shown in Fig. 3, it will bear against the flat edge and retain the rod in such position. As a convenient means of holding the spring 7 I provide the inclined block 8, usually employed at the forward or front side of the drawer, with a saw-cut 9, in which the spring 7 is inserted, the spring being held against lateral movement by the end of the drawer and being allowed sufficient freedom of vibration by a recess 10, formed in the block 8. The rod is limited in its movement—that is, confined to a quarter-turn—by a plate 11, secured to the inner face of the end of the drawer and having an aperture provided with two shoulders 12 13, against the opposite sides of which the rod alternately strikes when given a quarter-turn.

In order that the rod 4 may be locked against rotation by unauthorized persons when the drawer is open, I employ any form of lock 14, secured in the end of the drawer and having a vertically-sliding bolt 15, whose upper end is adapted to project above the edge of the drawer and engage in the cabinet or casing 1^a, (shown in dotted lines in Fig. 2,) in which the drawer is situated, and thus lock the drawer against withdrawal, and whose lower end is adapted to come against the flat side of the rod 4 when the drawer is unlocked or the bolt

15 lowered, and thus lock the rod against rotation, whereby the act of unlocking the drawer automatically locks the rod.

Back of the cards 2 is situated the usual inclined follower 16, which ordinarily is or should be provided with some means of securing it to the rod 4. In accomplishing this I employ a plate 17, resting upon the rod 4 and having at its lower end a pair of flanges or lugs 18, turned under the rod, so that the plate may slide back and forth on the rod without being removed. Pivoted to the plate 17 at 19 is a locking-lever 20, having a cam or eccentric 21, adapted to press against the upper side of the rod 4, and thus squeeze the lugs 18 tightly against the under side and lock the plate 17 against movement, and consequently prevent the follower 16 from moving farther back in the drawer. In order that the follower 16 may be held against movement in either direction by the clamp thus constructed and the follower may be compelled to move back and forth with the clamp or the clamp with the follower, I form a simple attachment between the two, which consists of a screw or headed stud 22, driven into the rear side of the follower and engaging in a curved slot 23 in the plate 17, the slot 23 being cut through the edge of the plate 17 and curved so that the plate may move to one side when the rod 4 is rotated, but will readily reëngage with the headed stud 22 when the rod 4 is returned to its normal position, the upper end of the lever being bent outwardly, as shown in Fig. 2, to clear the head of the stud 22.

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

1. A device for the purpose described having in combination a drawer or receptacle, a rod journaled therein, the cards strung upon said rod, and a lock having a bolt arranged to alternately engage said rod and the casing in which said drawer or receptacle is situated for locking either the rod or drawer, substantially as set forth.

2. A device for the purpose described having in combination a drawer or receptacle, a casing or cabinet in which said drawer or receptacle is situated, a rod journaled in said drawer and having a flattened side, the cards strung upon said rod and a lock having a bolt arranged to be projected either against said rod or into said casing or cabinet, for alternately locking the rod and the drawer, substantially as set forth.

3. A device for the purpose described having in combination a drawer or receptacle, the rod 4 journaled therein, the cards on said rod, the block 8 through which said rod passes, having the saw-cut 9 and recess 10 and the blade-spring 7 inserted in said saw-cut and bearing against said rod said block 8 being arranged against the end of the drawer for holding said spring 7 against lateral movement, substantially as set forth.

4. A device for the purpose described having in combination a rotatable rod, the cards strung thereon, a follower for said cards, a clamp for locking said follower detachably secured thereto and consisting of a plate extending across said rod and having the lugs 18 engaging thereunder, and the pivoted lever 20 having an eccentric or cam 21 formed thereon and directly impinging said rod, substantially as set forth.

5. A device for the purpose described having in combination a rotatable rod, the cards strung thereon, the follower for said cards, a clamp for said follower consisting of the plate 17 extending across said rod and having the lugs 18 engaging thereunder and the lever 20 having eccentric 21 pivoted to said plate and impinging said rod, said plate being provided with the slot 23 and the follower with the headed lug 22, substantially as and for the purpose set forth.

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