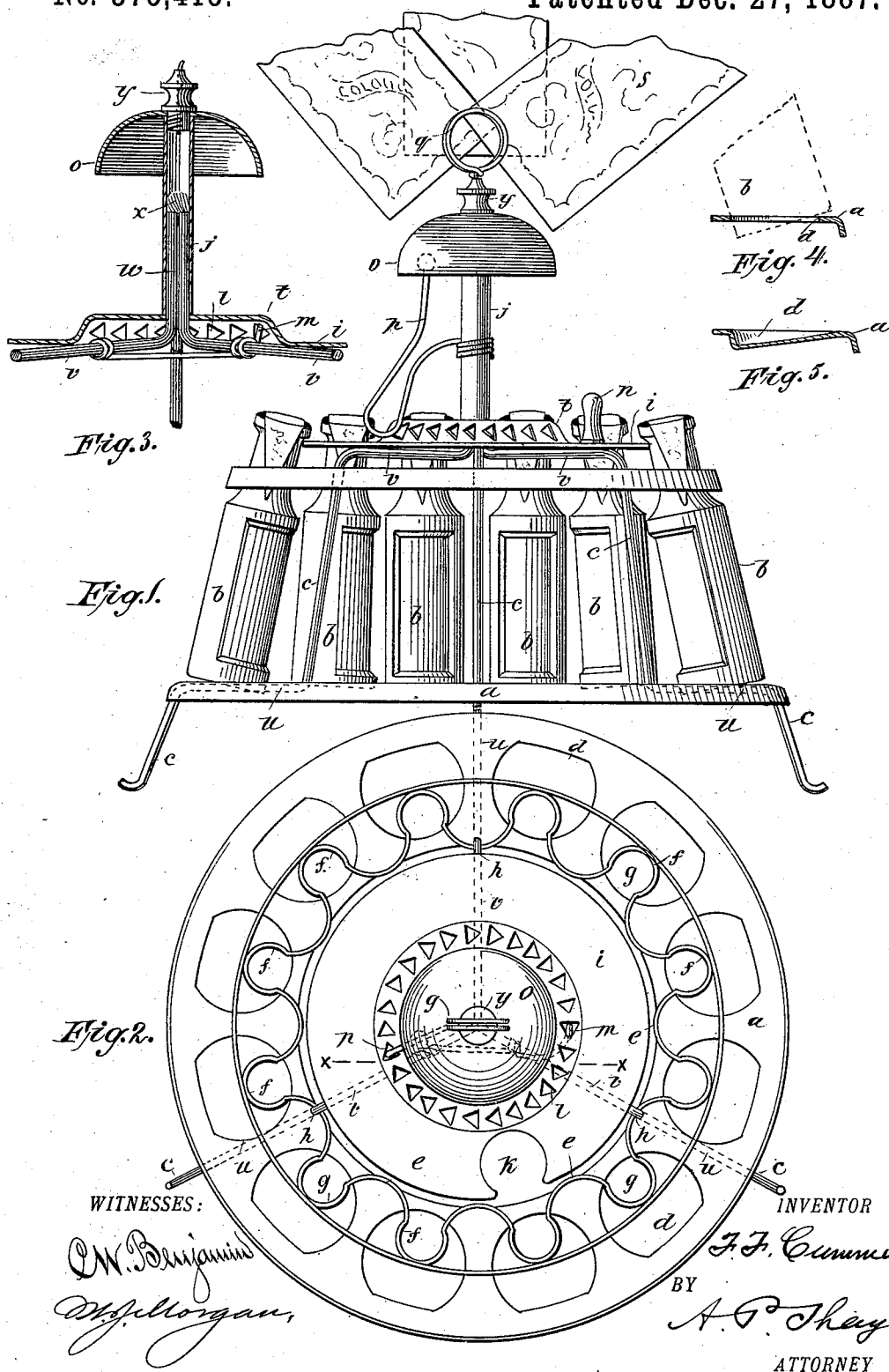


(No Model.)

F. F. CUMMINGS.
SHOW STAND FOR BOTTLES.

No. 375,413.

Patented Dec. 27, 1887.



WITNESSES:
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FRANK F. CUMMINGS, OF NEW YORK, N. Y.

SHOW-STAND FOR BOTTLES.

SPECIFICATION forming part of Letters Patent No. 375,413, dated December 27, 1887.

Application filed March 8, 1887. Serial No. 230,102. (No model.)

To all whom it may concern:

Be it known that I, FRANK F. CUMMINGS, of New York city, New York, have invented a new and useful Improvement in Show-Stands for Bottles, of which the following is a specification.

My invention consists of improved contrivances of a show-stand for perfumery and other bottles by which they may be locked up, so that bottles cannot be privately abstracted without causing the sound of an alarm-signal, as hereinafter fully described, reference being made to the accompanying drawings, in which—

Figure 1 is a side elevation of my improved show-stand. Fig. 2 is a plan or top view of the same. Fig. 3 is a detail in section on line *x x* of Fig. 2. Figs. 4 and 5 are details of the base-plate in section, showing different forms of retaining-seats for the bottles that may be used.

I make a circular base-plate, *a*, adapted for supporting a dozen (more or less) of bottles, *b*, in a circle, and mount it on any suitable legs, *c*, for support, preferring to make retaining-seats *d* by suitable depressions or by openings partly cut through the plate, so that slightly-leaning bottles will be retained at the base; but said plate may be used without such seats; and at a suitable height above said base-plate I arrange a rack for holding the bottles by the neck, preferring to make said rack of the looped metallic strip *e* and a stay-ring, *f*, the loops *g* opening inward, so that the necks of the bottles, being presented to the openings of the loops from under the rack and pressed into said loops in an outwardly direction, will spring the loops open sufficiently to enter them, and the recoil of the spring-loops will hold them sufficiently to retain the bottles in position for exhibition. The looped rack is attached to the legs *c* at *h* by solder or other approved means. Within the rack, or, preferably, a little higher, I arrange the locking and releasing disk *i*, to rotate on the center post, *j*, and having a notch, *k*, which locks or releases the bottles in the rack, according as the disk is set, and secured with the notch between the loops *g* or coincident with them, respectively, said disk having a ratchet, *l*, and a retaining-pawl, *m*, also, a handle, *n*, for convenience in turning it; and over the disk, on the center

post, *j*, I mount a signal-bell, *o*, with a hammer, *p*, operated by the ratchet of the disk, so that every movement of the disk will cause the sounding of the bell, and thus afford detection of attempts to abstract bottles secretly. Above the bell I arrange the spring card-holder *q*, in which to hold cards *s*, descriptive of the goods contained in the bottles.

In the construction of the locking and retaining disk I prefer to make an offset at *t* and cut the ratchet-notches in the angle thereat; but the disk may be constructed in any approved way.

In the construction of the frame I make the legs with the offsets *u* and *v* to form benches for the base-plate and disk, respectively, and insert the upper terminals, *w*, of the legs in the center post, *j*, for which a tube is used, and secure them with solder *x*, dropped in from the top of the tube. The bell is secured on the top of the tube by the screw-plug *y*, to the top of which the card-holder is attached.

What I claim, and desire to secure by Letters Patent, is—

1. The combination, in a show-stand for bottles, of the base-plate for supporting the bottles, and the rack of spring-loops for clamping the necks of the bottles, said rack being mounted on a suitable support above the base-plate, substantially as described.

2. The combination, in a show-stand for bottles, of the base-plate having retaining-seats for supporting the bottles, the rack of spring-loops for clamping the necks of the bottles, and the standard whereon said rack is supported a suitable distance above the base-plate, substantially as described.

3. The combination, in a show-stand for bottles, of the base-plate for holding the bottles, the rack for securing the necks of the bottles, in which the notches or loops for reception of the necks of the bottles open toward the center of the stand, and the revolving locking or releasing disk located within the rack, so as to lock the bottles in the loops by its periphery and release the same one at a time by a notch in it, substantially as described.

4. The combination, in a show-stand for bottles, of the base-plate for holding the bottles, the rack for securing the necks of the bottles, the revolving locking and releasing disk located within the rack, so as to lock the bottles

in the loops of the rack by its periphery and release the same one at a time by a notch in it, and the alarm-signal, said signal being operative by the disk, substantially as described.

5 5. The combination, in a show-stand for bottles, of the base-plate for holding the bottles, the rack for securing the necks of the bottles, the locking and releasing disk, the legs having the offset supports for the base-plate and
10 disk, and the tubular center post connecting the upper ends of the legs, substantially as described.

6. The combination, in a show-stand for bottles, of the base-plate for holding the bottles,
15 the rack strip having the spring-loops for the

necks of the bottles, and the stay-ring attached to the loops of the rack-strip, substantially as described.

7. The combination of the base-plate for holding the bottles, the rack for securing the
20 necks of the bottles, the locking and releasing disk, the alarm-bell, the bell-hammer, and the ratchet of the disk, said ratchet adapted to actuate the bell-hammer, substantially as described.

FRANK F. CUMMINGS.

Witnesses:

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