

No. 609,994.

Patented Aug. 30, 1898.

W. MEYER.
COUNTER BATTERY.

(Application filed Feb. 25, 1898.)

(No Model.)

Fig. 1

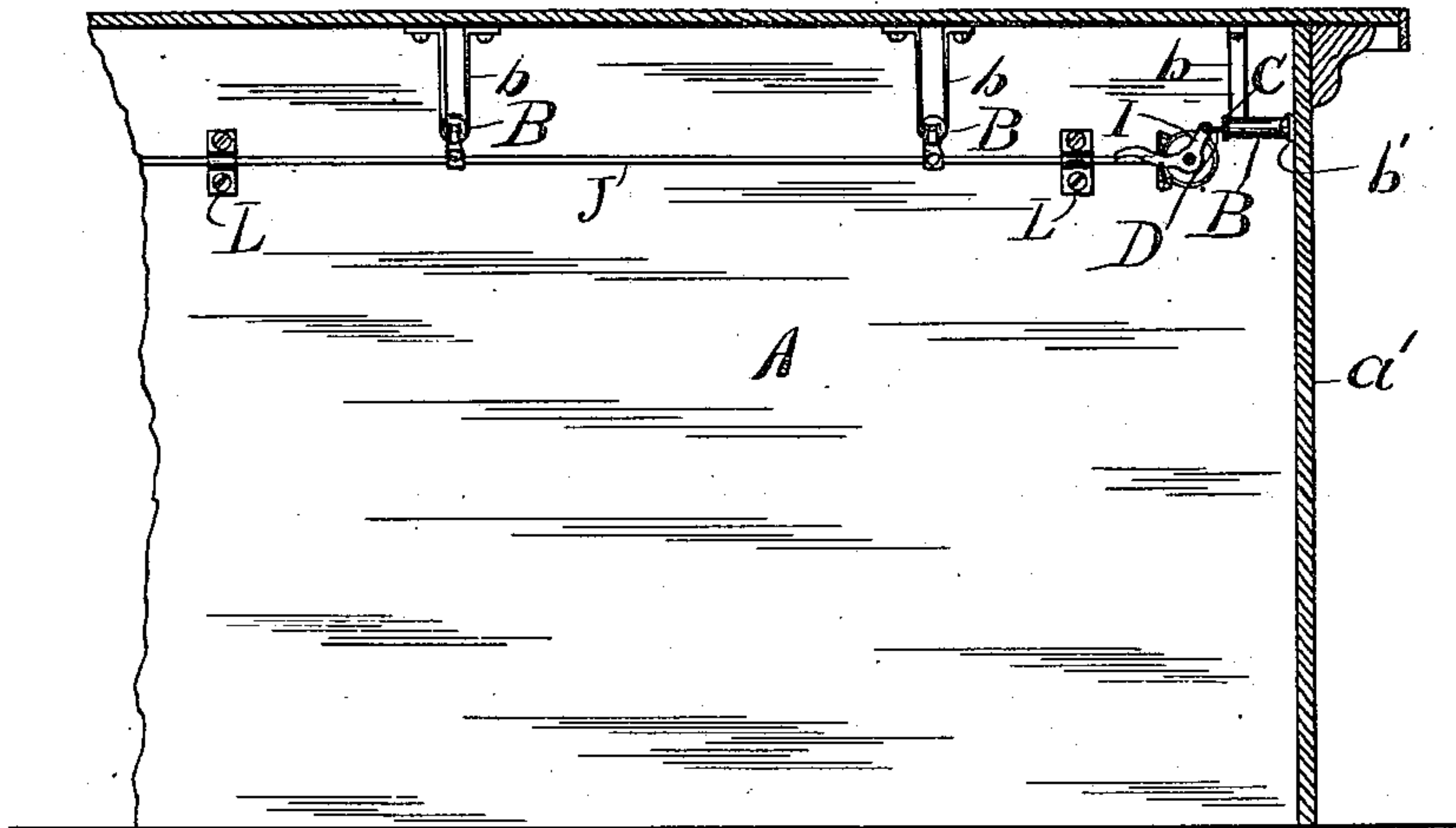


Fig. 2

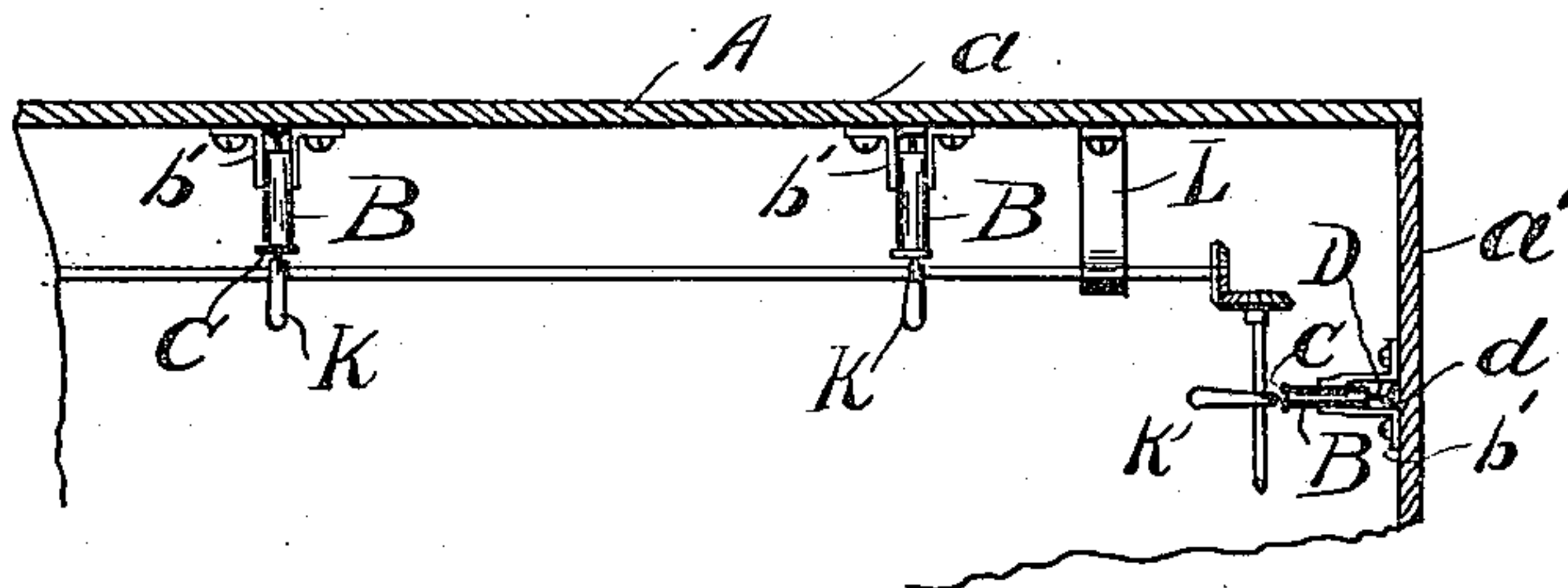
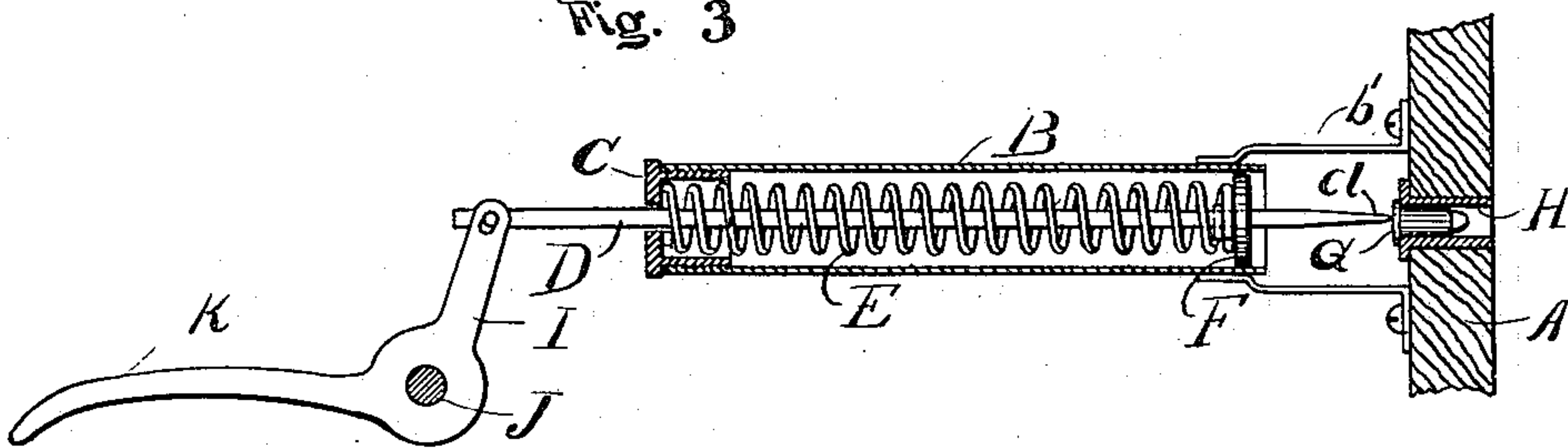


Fig. 3



Witnesses:

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UNITED STATES PATENT OFFICE.

WILHELM MEYER, OF CHICAGO, ILLINOIS.

COUNTER-BATTERY.

SPECIFICATION forming part of Letters Patent No. 609,994, dated August 30, 1898.

Application filed February 25, 1898. Serial No. 671,670. (No model.)

To all whom it may concern:

Be it known that I, WILHELM MEYER, a subject of the German Emperor, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Counter-Batteries, of which the following is a specification.

It is well known that in case of an attempt to "hold up" or rob a store it is seldom that the person in charge is properly armed or has an opportunity to avail himself of any defensive weapon.

My invention supplies a ready and certain means of repelling an attack or assault and may be so constructed as to be operated instantly and from any position.

It further comprises the combination, with the counters or bar, of suitably-disposed cartridges, with means for effectively discharging them at any desired moment, of combining with a counter or similar fixture cartridges, spring-operated hammers adapted to discharge the cartridges, a rod or shaft operating said hammers, and suitably-disposed handles for rocking the shaft.

It will be readily seen that my invention can be applied to any style of counter or store-fixture or may be attached to a partition, wall, or the like and is simple in application and effective in use.

In the drawings, Figure 1 is a rear elevation of my invention applied to a section of a counter. Fig. 2 is a top plan view of the same. Fig. 3 is a detail, partly in section, of the discharging mechanism.

A is a counter which I have shown with an angle or turn to present two fronts *a* and *a'*. Attached to the lower side of the counter-top by means of brackets *b* are tubular casings B, which are further retained by the brackets or supports *b'*, attached to the front of the counter. The outer end of this tube is closed by a perforated cap C, adapted to screw into the end. The other end may be closed by a similar removable cap, but I have shown it open. Passing through the tube and cap is a rod D, tapered at one end to a point *d*, suitable to explode a cartridge. This

rod is held firmly against the cartridge by means of a spring E, disposed in the tube B and pressing against the outer cap at one end and against a disk F, attached to the rod, at the other end. The disk fits loosely in the tube B and forms a guide for the rod D.

The tension of the spring may be regulated by the adjustable cap C. The cartridge G is supported in position by means of a bushing H, driven in a hole bored through the counter A. The rod is operated by means of a crank I, attached to a shaft J. The shaft J is operated by handles K, preferably made integral with the crank I, as shown. The shaft is supported by hangers or brackets L, attached to the counter. In case of an angle in the counter the shaft is provided at the end with a bevel-gear or miter-wheel adapted to engage with a similar one or a secondary shaft, as shown in Fig. 2. It will be readily seen that any desired number of these devices may be operated in connection with a single or jointed shaft, and they may be so disposed as to cover the most dangerous point of attack—as, for instance, the door or window. The bushings may be set at angles through the counter-front to cover any desired range.

The operation of my invention consists in depressing one of the handles K and quickly releasing the same. The spring will thereby be contracted and will drive the rod forcibly against the cartridge, causing its discharge.

Various modifications of my device will readily suggest themselves, and while I do not limit myself to the exact construction shown,

I claim—

1. The combination of a counter or the like, bushings in perforations in said counter adapted to receive cartridges, spring-pressed rods adapted to explode said cartridges, and means for operating the rods.

2. The combination of a counter, bushings therein, cartridges in said bushings, a rod pressing against the cartridge, a disk on the rod, a spring pressing against the disk, a tube surrounding said spring, a perforated, adjust-

able cap over one end of the tube adapted to retain the spring, a crank, shaft and handle adapted to operate said detonating-rod and means for retaining the tube in position, substantially as described.

5 3. In combination with a counter, cartridges and exploding devices, a shaft adapted to operate said devices, provided at the end with a bevel-gear adapted to engage with a

second shaft operating similar devices substantially as described.

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

WILHELM MEYER.

Witnesses:

L. HANKE,

J. BUEHLER.