

(No Model.)

J. B. WELLS.
LOCK STRIKE.

No. 539,969.

Patented May 28, 1895.

Fig. 1.

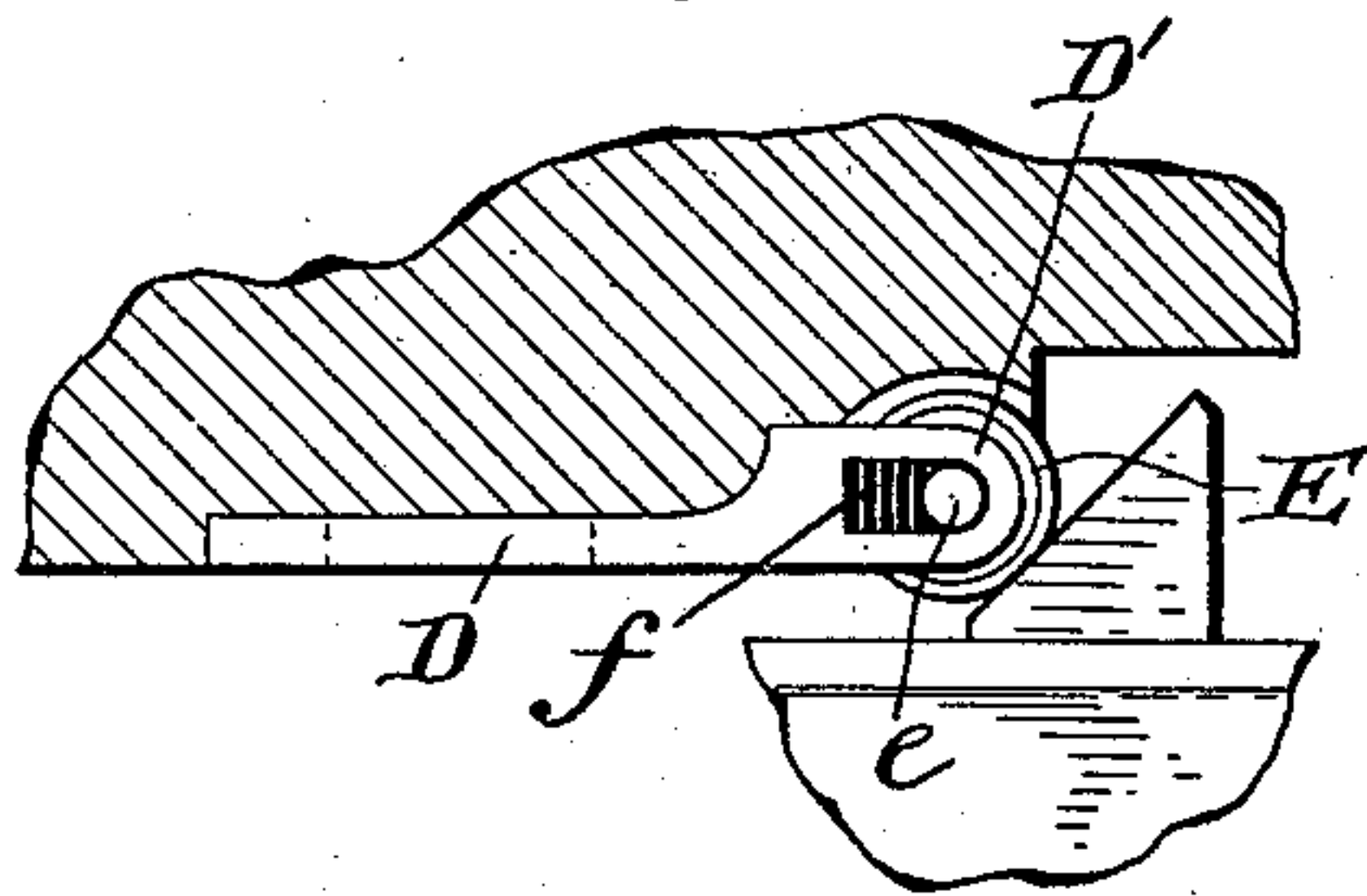


Fig. 2.

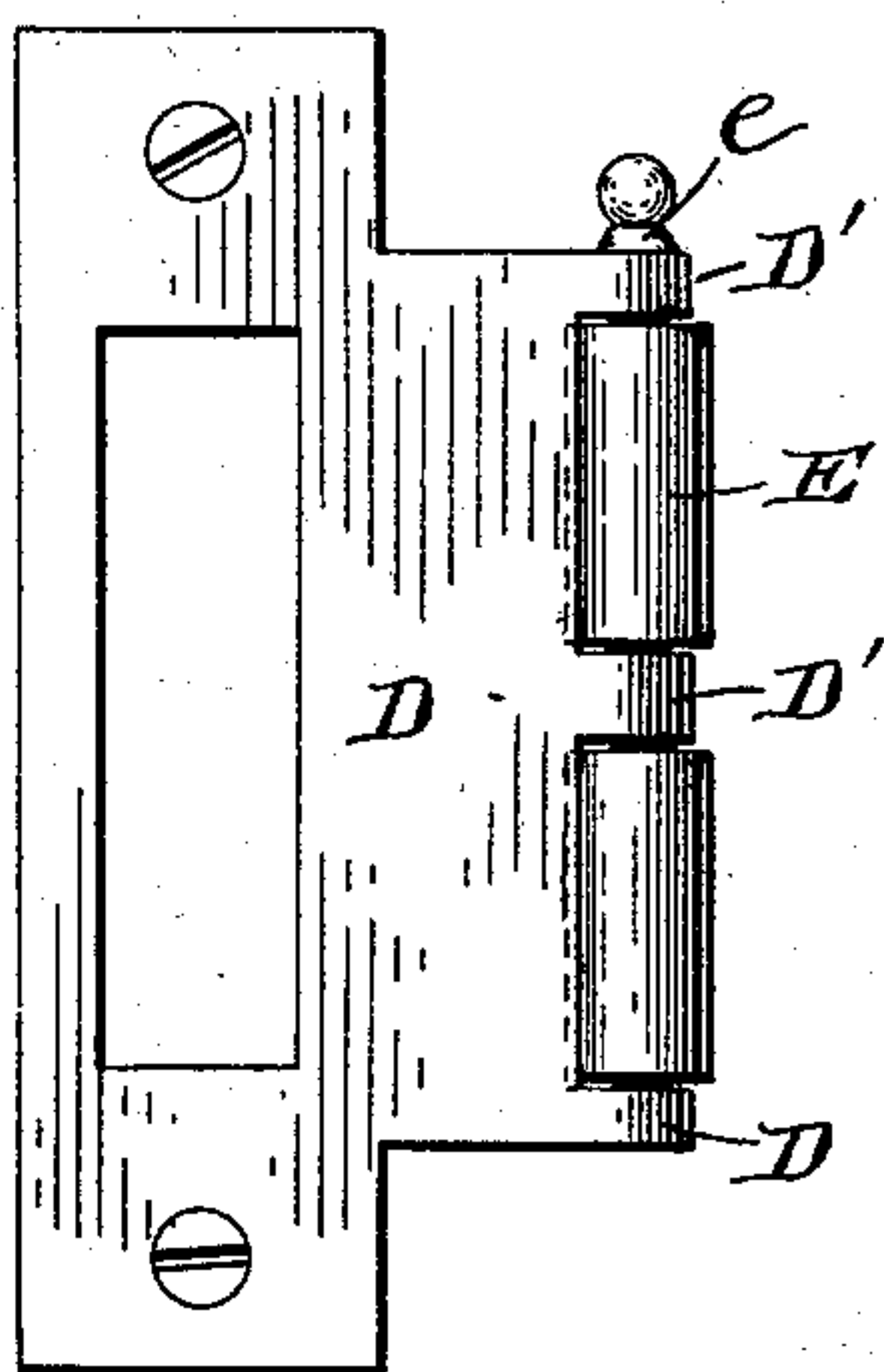
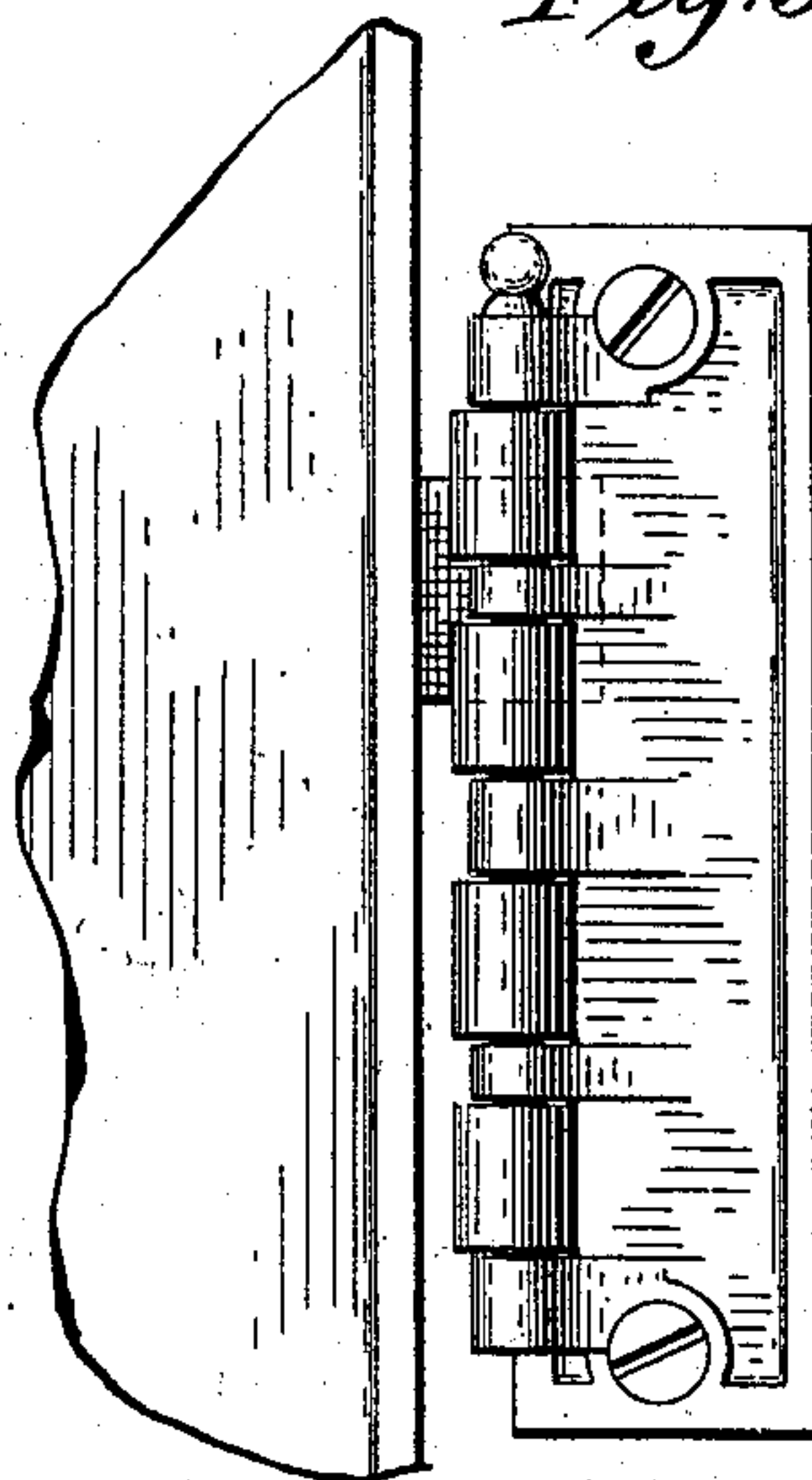


Fig. 3.



WITNESSES

Everance.
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INVENTOR

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UNITED STATES PATENT OFFICE.

JEROME BONAPARTE WELLS, OF INDIANAPOLIS, INDIANA.

LOCK-STRIKE.

SPECIFICATION forming part of Letters Patent No. 539,969, dated May 28, 1895.

Application filed May 3, 1894. Serial No. 509,897. (No model.)

To all whom it may concern:

Be it known that I, JEROME BONAPARTE WELLS, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented certain new and useful Improvements in Lock-Strikes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention is specially adapted for doors in hospitals, sleeping rooms in hotels, and for doors in all localities where quiet is essential or desirable, and has for its object the construction of a lock strike that will facilitate shutting the door without turning the knob, diminish the noise, and tend to preserve the parts from being battered out of shape by sudden and excessive impact of the bolt upon the lock strike.

I accomplish the objects of this invention by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a plan view of the strike in position. Fig. 2 is a side view of the strike, and Fig. 3 is a similar view of a modified form thereof.

D represents the strike plate having ears D' longitudinally slotted to receive the pintle *e* of rollers E which revolve, one between each pair of ears D'. The slots on the ears D' are of the same width as the pintle *e*, so that the

latter has a snug transverse fit therein, but extend longitudinally some distance to receive the rubber blocks *f*. Thus the rollers E have resilient bearings on the ears D'.

By providing the resilient bearings, the effects are attained that the noise of impact is reduced, the transverse movement of the bolt is facilitated, so that it is easier to shut the door by a mere push without turning the knob, and there is less liability of the bolt and strike being battered out of shape than where the strike offers an unyielding resistance to the bolt.

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

In a lock, a striker-plate provided with a roller and having bearings for said roller slotted longitudinally, so as to permit said roller to recede in the direction of movement of the bolt when struck thereby, said roller being immovable at right angles to said striker-plate, in combination with means for elastically resisting the receding movement of said roller and restoring it to its normal position when disengaged from said bolt, substantially as described.

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

JEROME BONAPARTE WELLS.

Witnesses:

JOSEPH A. MINTURN,
FRANK C. FERGUSON.