

(No Model.)

J. STARMER.
WAGON STANDARD.

No. 323,604.

Patented Aug. 4, 1885.

Fig. 1.

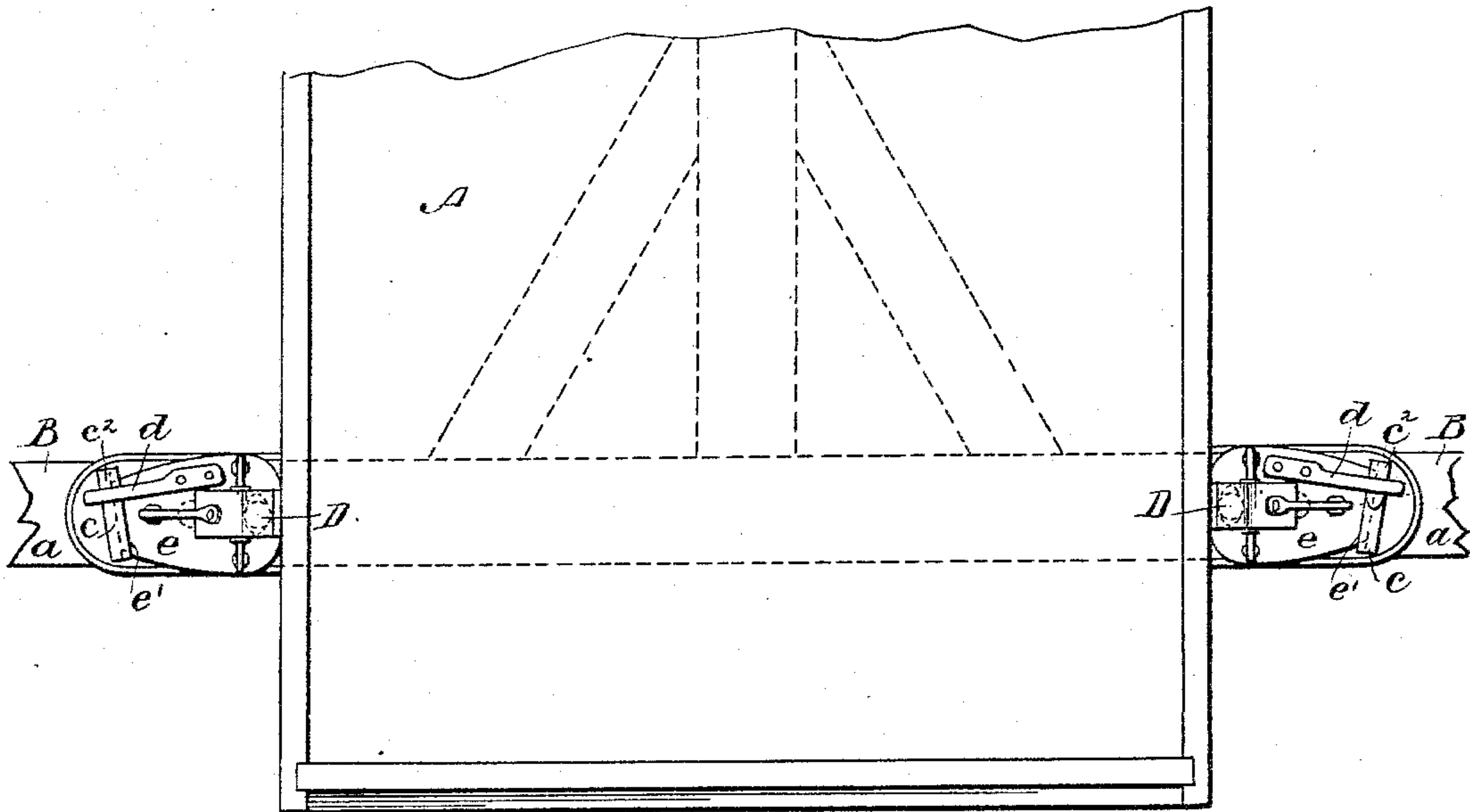


Fig. 2.

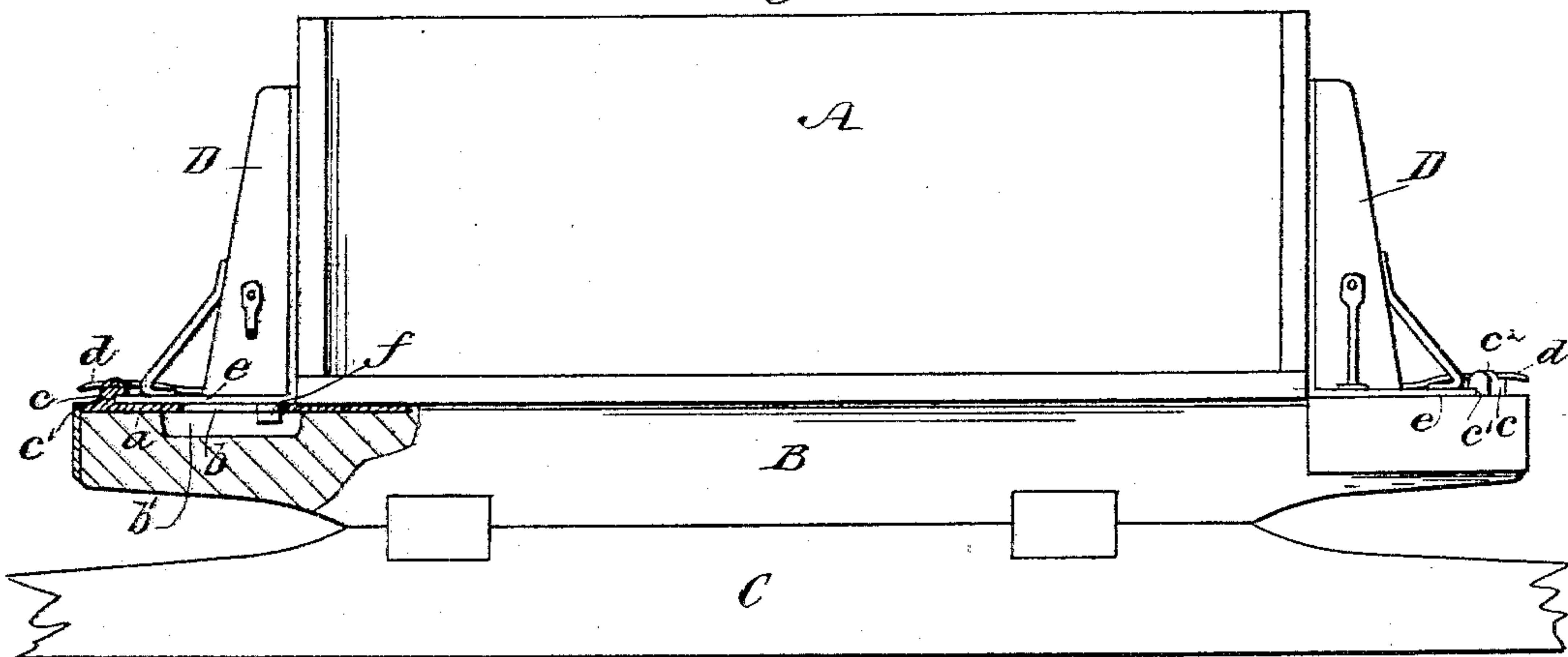


Fig. 3.

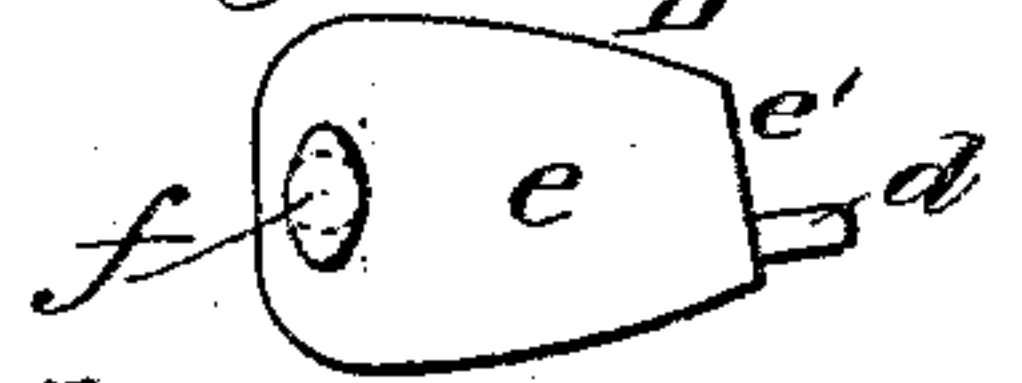


Fig. 4.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JEFFREY STARMER, OF LEVERING, OHIO.

WAGON-STANDARD.

SPECIFICATION forming part of Letters Patent No. 323,604, dated August 4, 1885.

Application filed June 9, 1885. (No model.)

To all whom it may concern:

Be it known that I, JEFFREY STARMER, of Levering, in the county of Knox and State of Ohio, have invented a new and Improved Bolster-Standard, of which the following is a full, clear, and exact description.

My invention relates to a new and improved removable bolster-standard or stake for wagons or sleds; and the invention consists of a locking device and catch, constructed and arranged as hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a plan view of a wagon or sled box and a part of a bolster having my new and improved standard applied thereto. Fig. 2 is a broken front elevation of the same. Fig. 3 is a bottom view of the standard removed from the bolster, and Fig. 4 is a plan view of one end of the bolster with the standard removed.

A represents the box, and B the bolster, held, in this instance, upon the axle C, and D D represent the standards or stakes held at the ends of the bolster B to keep the box A in proper position thereon.

The bolster B has the iron plates *a* secured to its upper surface at its ends. These plates have a slot, *b*, formed in them, and immediately below the slots *b* the bolster B is cut away or recessed, as shown at *b'*, Fig. 2. Near their outer ends the plates *a* are each formed or provided with a rib or flange, *c*, which is diagonal to the length of the bolster and undercut, as shown at *c'*, and formed with the projection *c''*, with which the spring-catch *d* of the standard D engages for locking the standard in place, as described above.

The standards D are each provided with a bottom flange or plate, *e*, which projects some distance to the outside of the standard, and the plates *e* are each formed or provided with an oblong and flanged key or locking-stud, *f*, that is adapted to enter slot *b* and engage with the top plate *a* by turning the standard one-quarter around after the key or stud is

entered into the slot. The above-mentioned spring-catch *d* is attached to the upper surface of the plate *e*, and the outer edge or end of the plate *e* is cut diagonal, as shown at *e'*, so that it will not only enter below the flange formed in rib *c* by the under-cut *c'*, but will have a cam action against the said rib *c* when the standard D is turned for locking key or stud *f* with plate *a*, so as to force the standard toward the box A and inner end of slot *b* as far as it will go. The turning of the standard A to thus force it to position in slot *b* will bring the spring-catch *d* into engagement with stud *c''* of the rib or flange *c*, and thus lock the standard as above mentioned, and prevent it from turning back. By lifting the outer end of the spring-catch *d* the standard may be turned back, and the standard easily removed from the bolster.

In this manner the standard may be very quickly and easily attached to and removed from the bolster, and the construction is cheap, practical, and strong, and there is no danger when the standard is put in place and locked of its becoming accidentally detached from the bolster.

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

1. The bolster provided with slotted plate *a*, and the standard D, provided with the key or stud *f*, in combination with means, substantially as described, for locking the standard from turning, substantially as and for the purposes described.

2. The bolster B, provided with plate *a*, formed with slot *b*, and an undercut diagonal rib, *c*, having projection *c''*, in combination with the standard D, provided with key *f*, locking-spring *d*, and formed with diagonal edge *e'*, substantially as and for the purposes set forth.

3. The plate formed with slot *b*, and undercut diagonal rib *c*, in combination with plate *e*, having key *f*, and diagonal edge *e'*, substantially as and for the purposes set forth.

JEFFREY STARMER.

Witnesses:

R. M. ZOLMAN,
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