(No Model.)

J. P. DANDURAND.

KEY.

No. 398,499. Patented Feb. 26, 1889.

Fig. 1.

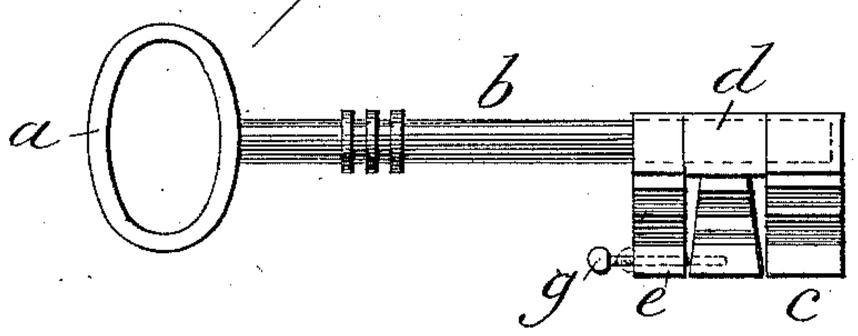

Fig. 2.

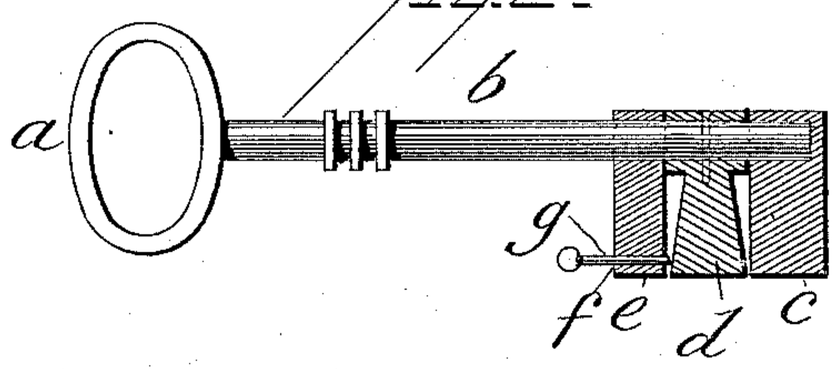

Fig. 3.

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UNITED STATES PATENT OFFICE.

JOSEPH P. DANDURAND, OF VIRGINIA CITY, NEVADA.

KEY.

SPECIFICATION forming part of Letters Patent No. 398,499, dated February 26, 1889.

Application filed May 25, 1888. Serial No. 275,127. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH P. DANDURAND, of Virginia City, in the county of Storey and State of Nevada, have invented certain new and useful Improvements in Keys; 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.

My invention relates to an improvement in keys, the object of the same being to provide a safety-key by means of which, when the same is inserted and secured in a lock, the forcible insertion of a duplicate key will be rendered impossible.

A further object is to provide a key of the above character with devices whereby, when the same is secured in a lock, the key cannot be moved therefrom from the opposite side of a door.

A further object is to provide a key of the above character which shall be simple and economical in construction and durable and efficient in use; and with these ends in view my invention consists in certain features of construction and combinations of parts, as will be hereinafter fully described, and pointed out in the claim.

In the accompanying drawings, Figure 1 is a side view of the key. Fig. 2 is a front view thereof, and Fig. 3 is a sectional view.

a represents the handle of the key, and *b* the stem. To the forward end of the stem is loosely mounted the tumbler *c*, adjoining which is rigidly secured to the stem the bit *d*. To the rear of the said bit is secured another tumbler, *e*, the same being provided with a longitudinal perforation, *f*, adapted to receive the pin *g*, which is intended to stiffly operate therein.

It will be seen that when the key is inserted in a lock from the inside of a door the tumbler *c* will occupy the forward part of the keyhole, and thereby prevent the insertion of a duplicate key. The lock is turned and fastened by means of the bit *d*, which rotates with the stem. The tumblers being loosely mounted thereon, of course retain their positions without strain upon the same. When the lock is turned as described, the key is prevented from being forcibly shoved out of place by means of the pin *g*, which is pushed forward to engage the side of the bit, thereby preventing the bit *d* from being in line, either naturally or by manipulation, with the tumblers *c* and *e*, without which the key cannot be moved from the lock.

It will be seen that a key of the above description may be used on any lock and from each side of a door.

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

A key having the bit rigidly secured to the stem thereof, tumblers mounted on either side of the bit, and a pin passing through one of said tumblers and engaging the side of the bit, substantially as shown and described.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

JOSEPH P. DANDURAND.

Witnesses:
S. R. HIGLEY,
GEO. J. WRIGHT.