R. E. Buchanan.

Sash-Stop.

No. 75852 Patented Mar. 24, 1868

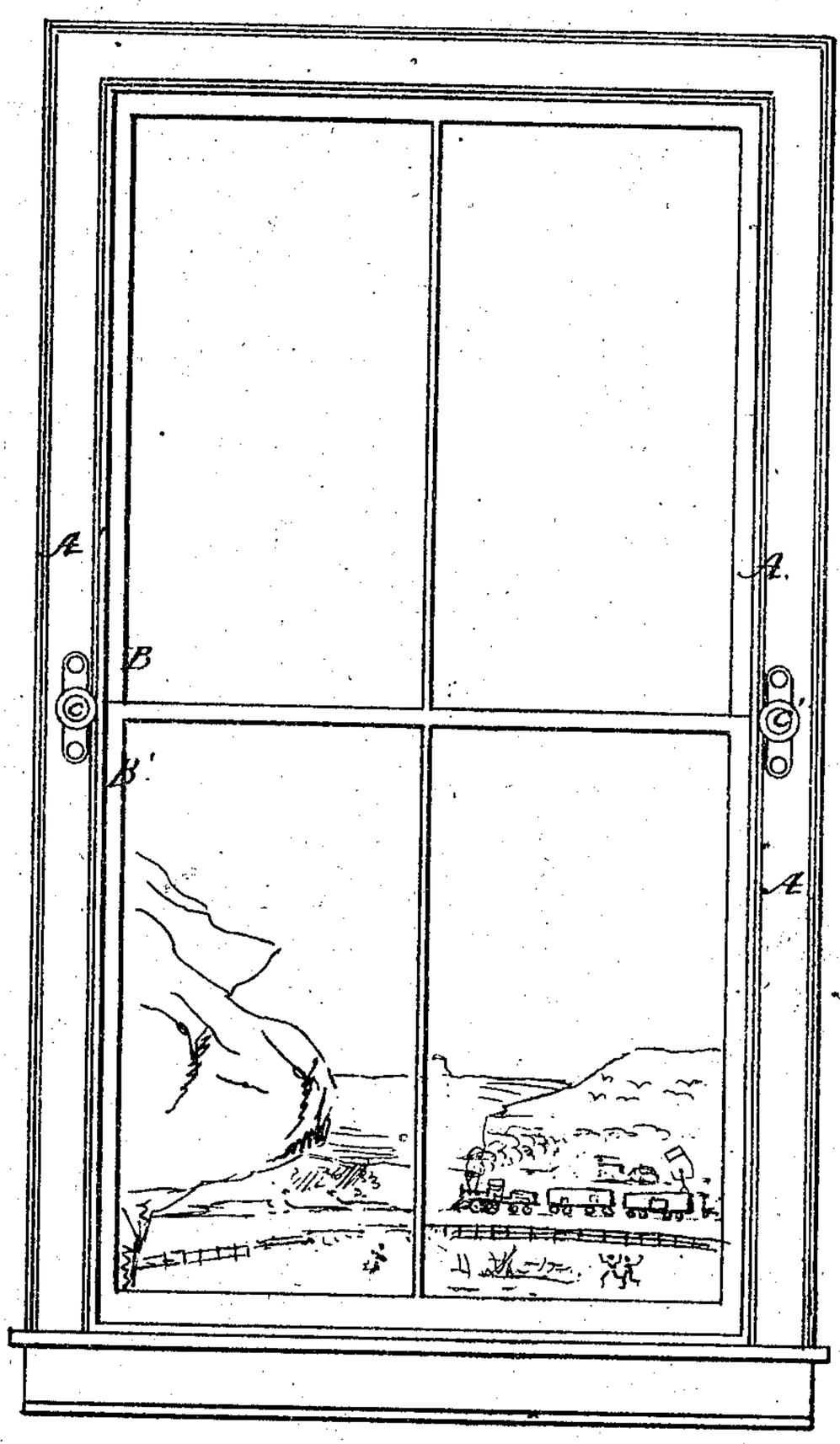

Fig. 1.

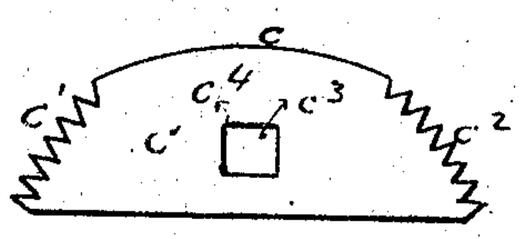

Fig. 2.

Witnesses;
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By his Attys
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R. E. BUCHANAN, OF CARROLLTON, ILLINOIS.

Letters Patent No. 75,852, *dated March* 24, 1868.

IMPROVED SASH-STOP.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, R. E. BUCHANAN, of Carrollton, in the county of Greene, and State of Illinois, have invented a new and useful Improvement in Sash-Locks; and I do hereby declare that the following is a full and clear description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

This invention relates to a segmental metallic plate, inserted into the substance of the jamb of the window-frame, and operated by an axle, terminating in a knob or handle within the room, the said knob or handle being, at the same time, capable of forming a part of the curtain-fixture for the window. The segmental plate has a smooth place, of about one-quarter to one-half inch length, (more or less,) in the central part of its periphery; and the plate is to be so placed in the jamb of the frame that, when this smooth place is turned toward the sash, it will not extend beyond the face of the jamb, and, consequently, when in this position, the sash may be moved up or down. The periphery of the plate, from the beforementioned smooth place to either end of the said plate, is serrated in opposite directions from the centre, and the axle, being secured to the plate eccentrically, will, when turned in the required direction, cause one of the serrations to come in contact with the edge of the sash, as may be required, and the sash will, in this manner, be locked up or down, as may be required.

To enable those skilled in the art to make and use my improved sash-lock, I will proceed to describe its construction and operation.

Figure 1, of the drawings, is a front elevation of a window fitted with the improved lock.

Figure 2 is a plan of the segmental lock-plate.

The jamb or stile A and the casing A′ form the window-frame, and guide the sashes B B′ in the usual manner. The segmental plate C, clearly shown in plan in fig. 2, has a smooth place, *c*, in the central part of its periphery, and the serrations, c^1 and c^2, occupy the remainder of the curved edge of the plate. The serrations c^1 are set in the opposite direction from those on the other side of the centre, marked c^2, the object being to adjust and prepare the plate, so as to turn it either up or down, and lock the sash in either direction, as is usually required for windows. The axle c^3, which terminates in a knob, C′, inside of the window-frame, is secured firmly to the plate C in the hole c^4, shown in fig. 2, which said point of attachment is fixed eccentrically in the said plate, so as to allow either the serrations c^1 or c^2 to come in contact with the edge of the sash-stile, as the plate is revolved in the proper direction, to secure the sash either up or down. One of the locks should be applied to each of its sashes, and it would be well to locate them as in fig. 1, where one is on each side of the window, and respectively opposite the bottom rail of the top sash and the top rail of the bottom sash.

Having described my invention, what I claim, is—

The lock *c*, of segmental form, provided with the axle c^3 and knob C′, operating solely as a handle, the middle part of the rim of which lock is smooth, while the end parts are serrated, and all three parts of which rim are at such distances from the centre of motion of the lock as to form a double-acting fastener, substantially as described.

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Witnesses:

JAS. P. MORROW,

JOS. OBER.