

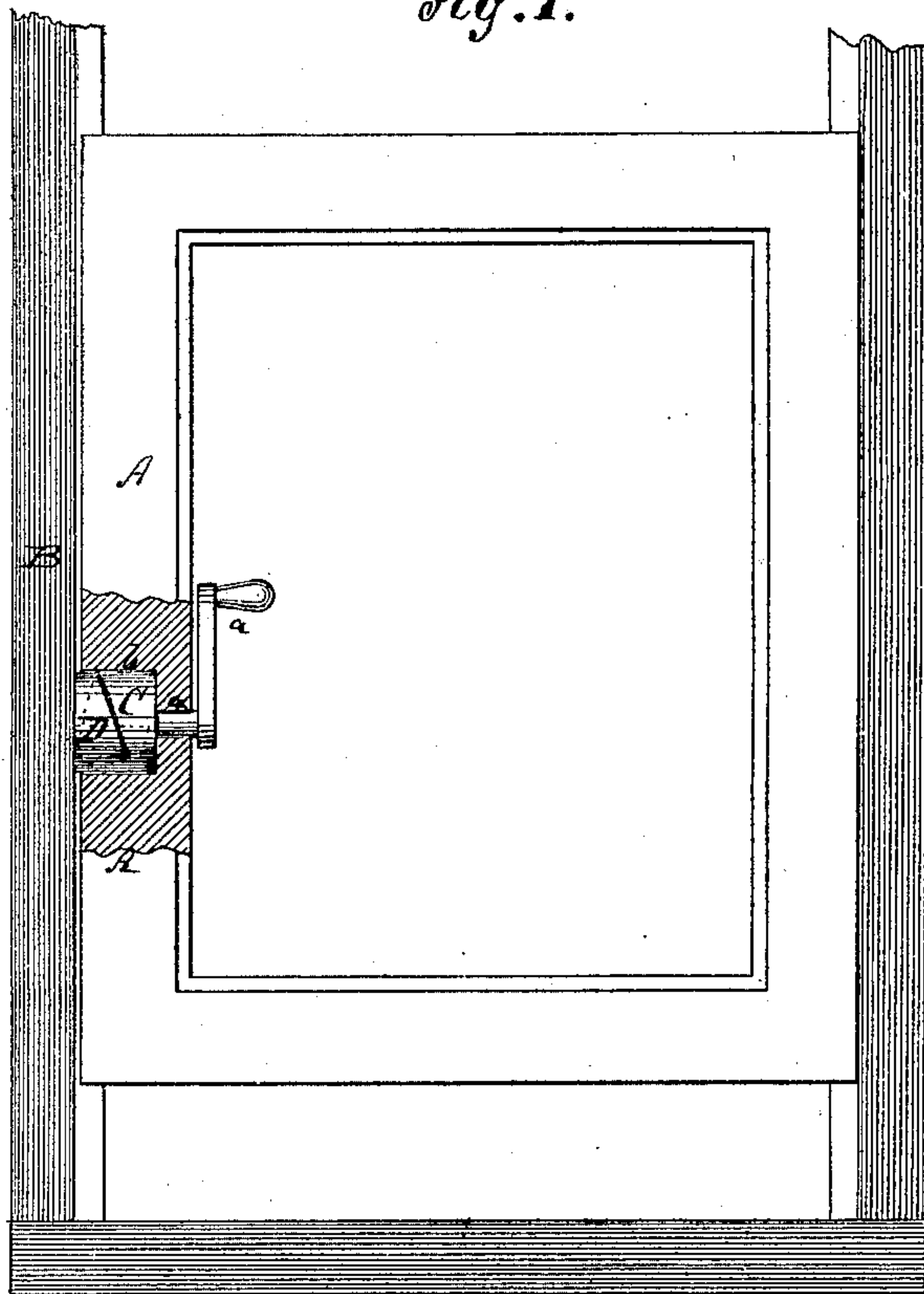
W. R. ELLIOTT.

Improvement in Sash-Holders.

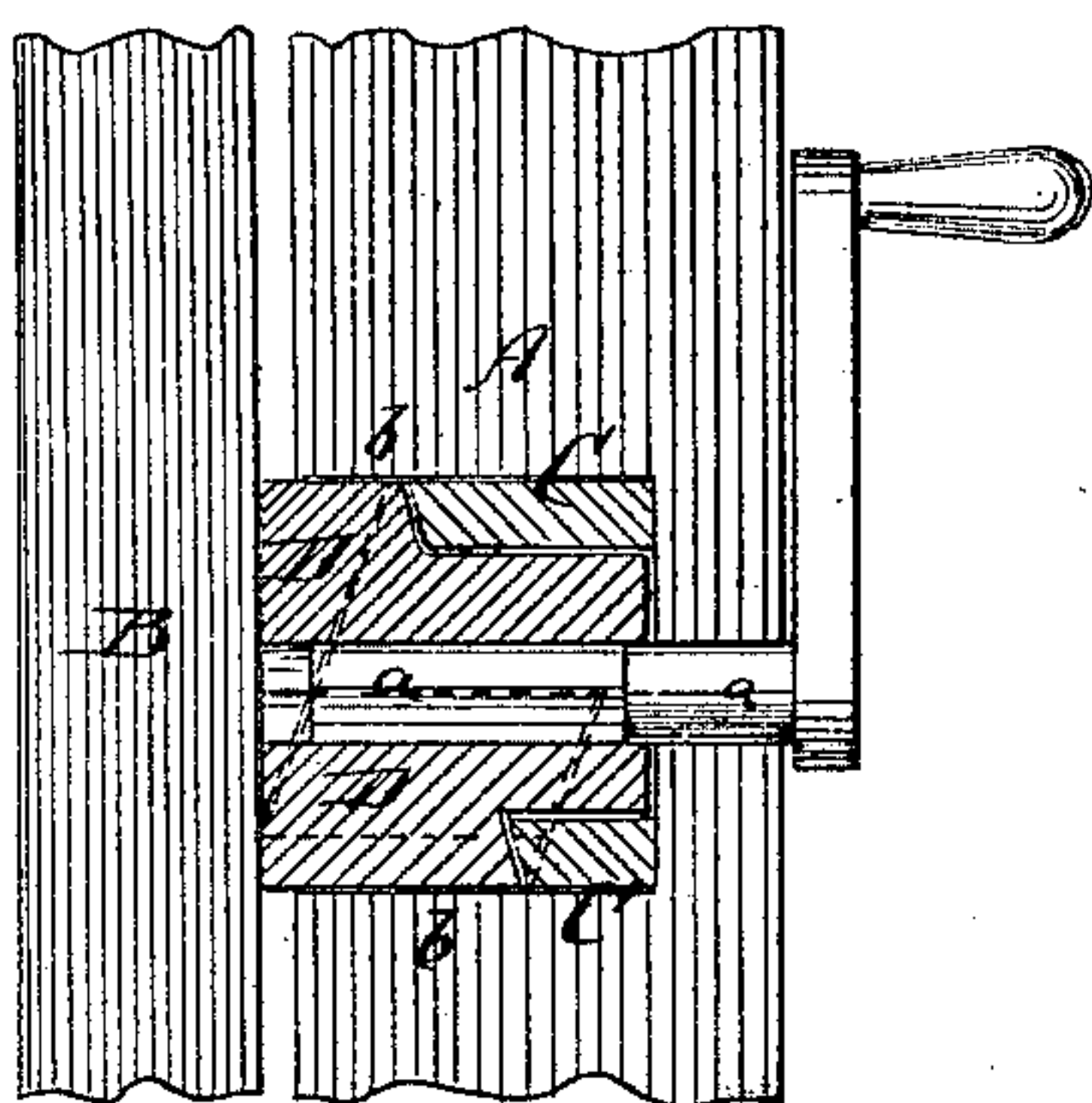
No. 114,541.

Patented May 9, 1871.

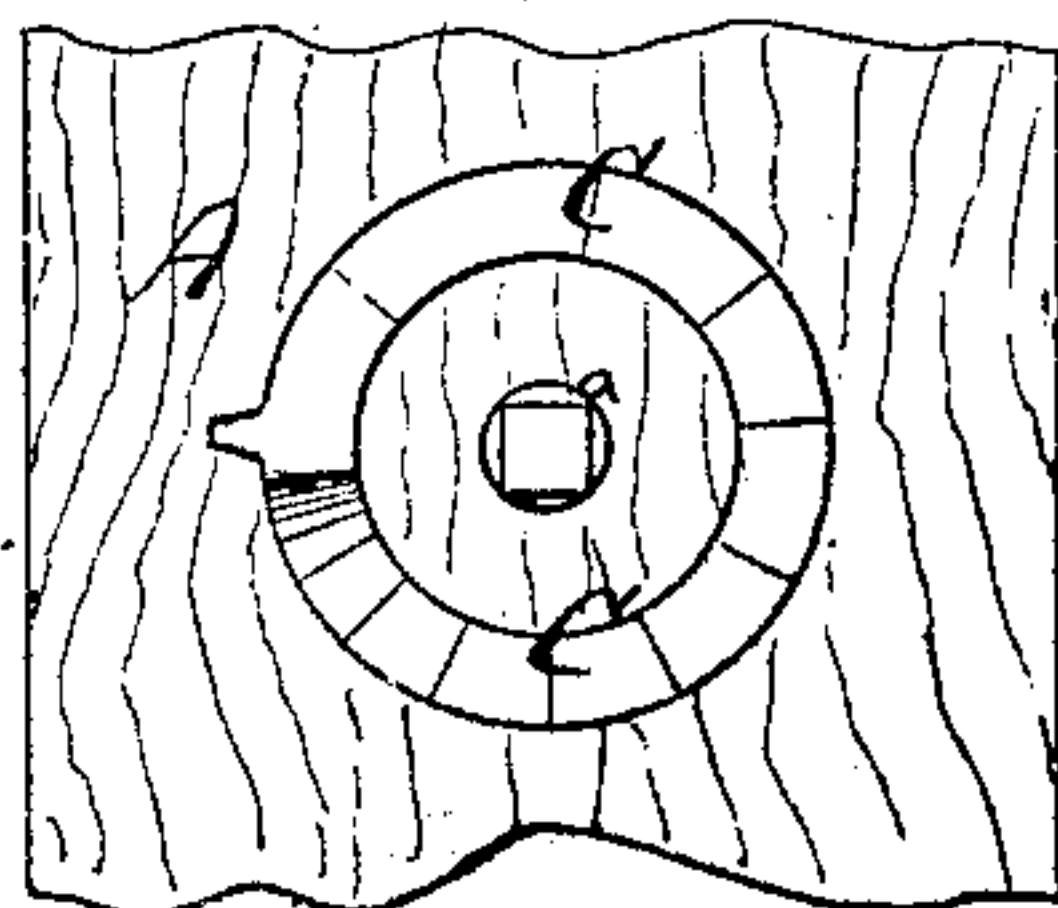
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Witnesses:

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# United States Patent Office.

WILLIAM R. ELLIOTT, OF TROY, KANSAS.

Letters Patent No. 114,541, dated May 9, 1871.

## IMPROVEMENT IN SASH-HOLDERS

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, WILLIAM R. ELLIOTT, of Troy, in the county of Doniphan and State of Kansas, have invented a new and improved Sash-Lock; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 represents a face view, partly in section, of a sash carrying my improved lock.

Figure 2 is a longitudinal section on an enlarged scale of the lock.

Figure 3 is a face view of the same without the locking-block.

Similar letters of reference indicate corresponding parts.

This invention relates to a new device for permitting the locking of window-sashes in suitable position, and the ready release of the same.

The invention consists in the application to the sash of two cylindrical blocks or pieces, of which one is fixed and the other movable.

These pieces are in contact with each other, their contiguous faces being spiral, so that when the movable block is turned by a crank-pin it is, owing to said spiral faces, at the same time moved lengthwise to lock the sash to its frame or release it therefrom, as may be desired.

A in the drawing represents a window-sash of suitable size and form; and

B is its frame.

Through one sash-stile is fitted a crank-pin, *a*, whose

squared end extends into a cavity, *b*, which is provided in the edge of the sash.

This cavity contains within its inner part a ring or cylinder, C, made of metal or other material, and provided with a spiral outer edge or end, as is clearly indicated in figs. 1 and 2.

This ring C is prevented from turning in the cavity by a projecting rib, or other means.

D is the locking-block. It is made cylindrical, of similar shape as the ring C, and fitted into the cavity *b*, so as to rest against the end of said ring.

The inner end of D is also spiral, at least where it is in contact with C. The block D is held on the squared end of the pin *a*, so that it will be revolved by but can slide on the same.

When the pin is turned the block D will be turned also, and as it moves over the spiral end of the ring C it is thrust out and forced against the frame, so as lock the sash. When the sash is to be unlocked the pin is again turned to let the block D re-enter the cavity.

It is evident that the same device can as well be applied to the frame as to the sash.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

The sash-lock, consisting of the crank-pin *a*, fixed ring C, and sliding block D, the contiguous faces of C and D being spiral, as set forth.

WILLIAM R. ELLIOTT.

Witnesses:

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