

H. O. Nauen,

Lock.

No. 98616.

Patented Jan. 4, 1870.

Fig. 1.

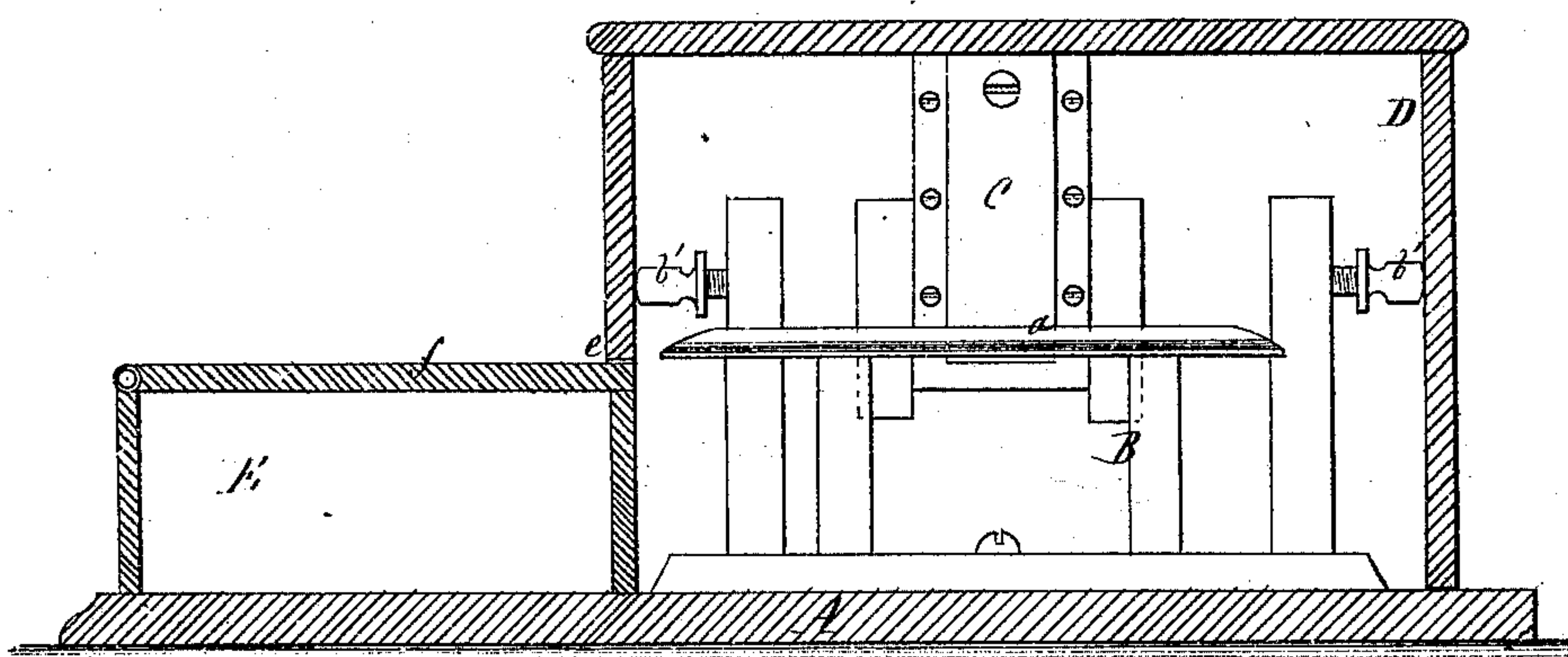
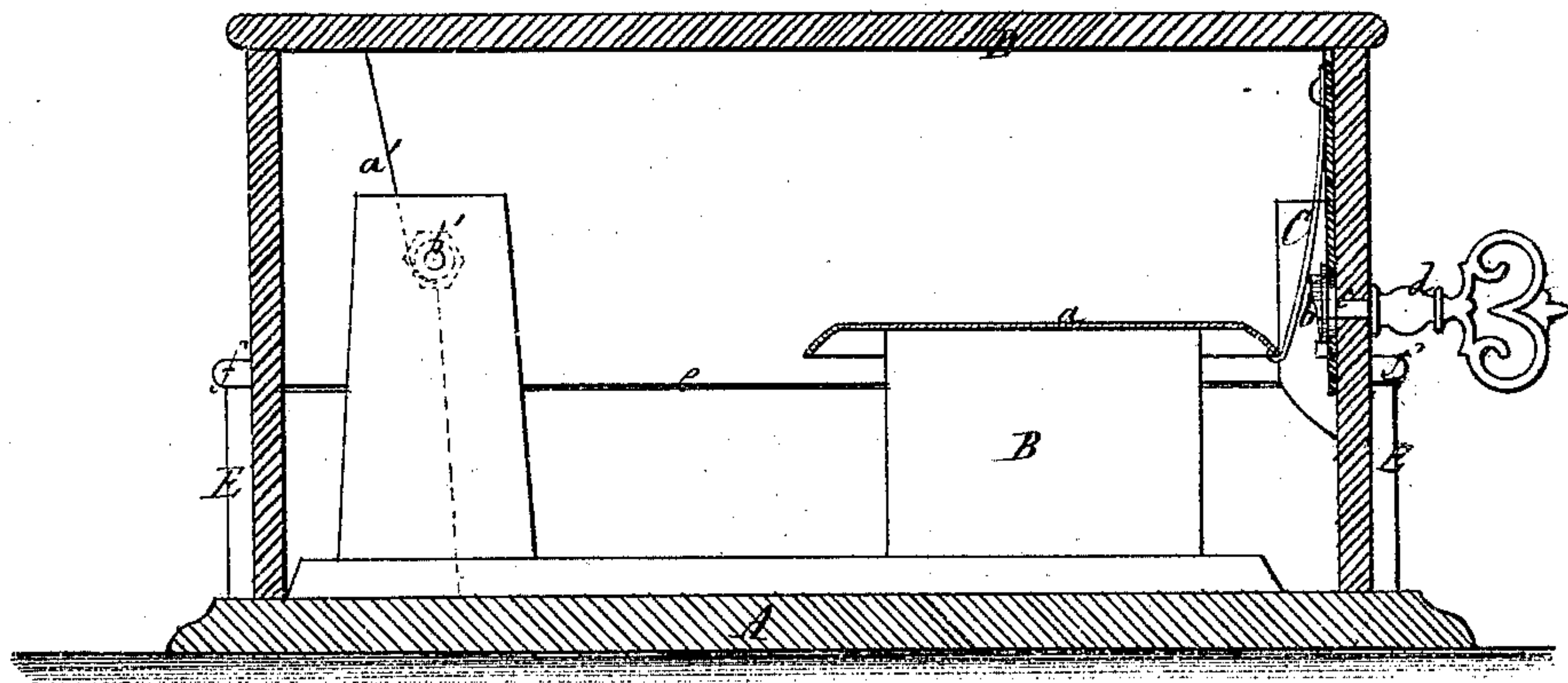


Fig. 2.



Witnesses.

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H. O. NAUEN, OF NEW YORK, N. Y.

Letters Patent No. 98,616, dated January 4, 1870.

## IMPROVEMENT IN LOCKS FOR SEWING-MACHINE CASES.

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, H. O. NAUEN, of the city, county, and State of New York, have invented a new and useful Improvement in Lock for Sewing-Machine Cases; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification, in which drawing—

Figure 1 represents a transverse section of this invention.

Figure 2 is a longitudinal section thereof.

Similar letters indicate corresponding parts.

This invention relates to a locking-device for the case of a sewing-machine, said locking-device being composed principally of a catch or latch, capable of catching under the cloth-plate of the sewing-machine, and of lugs attached to the interior of the case, opposite the latch, and catching under some fixed part of the sewing-machine, in such a manner, that when the case is put on, and the catch is locked, it forms a secure protection for the sewing-machine, and when the catch is unlocked, the case can be lifted off clear of the table, and the surface of the table remains unbroken, no hole or mortise being required therein for the purpose of receiving and retaining the catch or latch.

The catch or latch is operated by a cam, secured to a revolving arbor, which is operated by a key, so that by turning said arbor, the catch is brought in its locking or unlocking position, as may be desired.

The case which serves to cover up the sewing-machine is provided with a shoulder, capable of overlapping the edge of the lid of the thread and tool-box, usually secured to the top of the sewing-machine table, in such a manner, that by locking the case down, the lid of the thread and tool-box is also locked, and one and the same locking-device serves to fasten both the case and the thread and tool-box.

In the drawing—

The letter A represents the table, on which is secured the sewing-machine B, and the thread and tool-box E.

D is the case which serves to cover up the sewing-machine.

This case is made entirely detached from the table A, and it is locked down by means of a spring-catch

or latch, C, which catches under the edge of the cloth-plate *a*, and, by one or more lugs, *a'*, secured to the interior of the case, opposite the latch, and catching under the screws *b'*, or under any other fixed part of the sewing-machine, as shown in fig. 2 of the drawing.

The spring-catch or latch is operated by a cam, *b*, which is secured to the inner end of an arbor, *c*, to which a revolving motion can be imparted by a key, *d*.

By turning the cam *b* to the position shown in fig. 2, the catch or latch is caused to engage with the edge of the cloth-plate *a*, and the case is firmly held in position, and by giving to the cam half a turn, the catch or latch is allowed to follow the action of its inherent elasticity, or to the action of an independent spring, acting thereon, and the case D becomes unlocked.

When unlocked, said case can be lifted off clear of the table A, so that it does in no wise interfere in the operation of sewing.

The case D is provided with a shoulder, *e*, which, when said case is in position, overlaps the edge of the lip *f*, of the thread and tool-box E. If the case D is locked down to the table A, therefore, the lid *f* is also locked, and the contents of the thread and tool-box are protected against being meddled with by unauthorized persons.

By these means, the case D can be locked down upon the table, without marring the surface of said table by a hole or mortise, and the locking-device is always in working-order, no mortise being there which is liable to fill up with dust, and, furthermore, the same catch or latch which serves to lock the case, also serves to fasten the lid of the thread and tool-box.

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

1. The arrangement, within the case D, of the spring-catch, to engage with the cloth-plate of a sewing-machine, in combination with the cam *b*, the parts operating together, substantially as described.

2. So arranging the case D that its shoulder *e* locks the tool-box, which is overlapped by it, all as and for the purpose described.

This specification signed by me, this 8th day of November, 1869.

H. O. NAUEN.

Witnesses:

W. HAUFF,

E. F. KASTENHUBER.