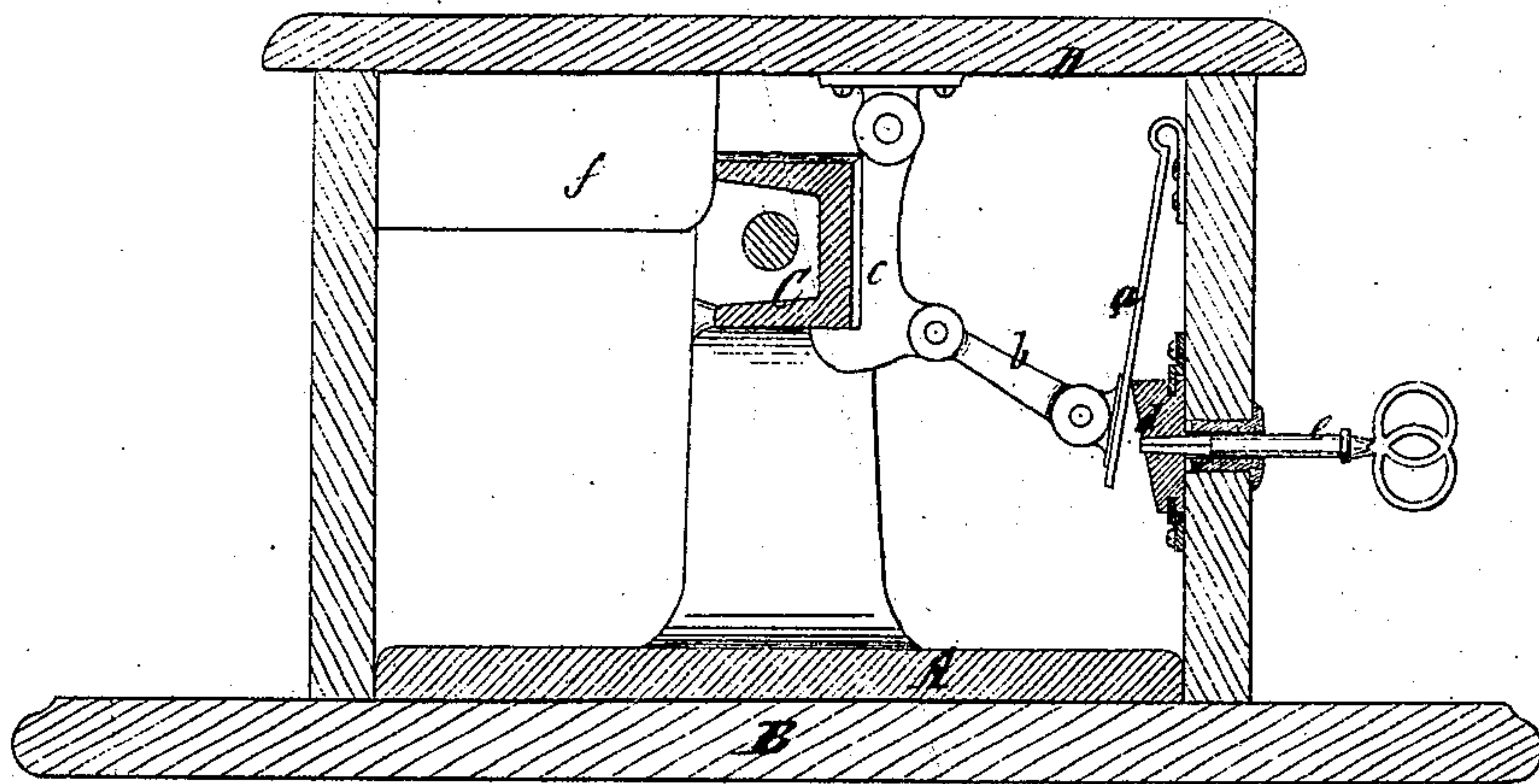


H. O. Nauen,

Lock.

No. 107401.

Patented Sept. 13. 1870.



Witnesses.
b. Trahlers
E. F. Kastenhuber

Inventor:
H. O. Nauen
By Paul Anton Mauff
his atty

United States Patent Office.

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

Letters Patent No. 107,401, dated September 13, 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, HERRMAN O. NAUEN, of the city, county, and State of New York, have invented a new and improved 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, which drawing represents a transverse section of this invention.

This invention relates to an additional improvement, intended to complete the invention described in Letters Patent for lock for sewing-machine case granted to me January 4, 1870, and numbered 98,616.

The claim granted to me in this patent reads as follows:

"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."

I have found that this same improvement is also applicable to sewing-machines of that class in which the cloth-plate is let into the table, so that the spring catch, instead of catching under said cloth-plate, must be made to catch under the arm which rises from the bed of the sewing-machine, and to the outer end of which is secured the needle-slide and the presser-foot.

In the drawing—

The letter A represents the bed of a sewing-machine, which is supported by the table B, and from which rises the goose-neck C.

D is the case, which is intended to cover up the sewing-machine, and, in order to lock this case without requiring a hole or depression in the surface of the ta-

ble, I have applied to the interior of the case a spring, *a*, which connects, by a link, *b*, with a hook-catch, *c*, hinged to the top of the case, as shown.

The spring *a* bears on a cam, *d*, which can be revolved by means of the key *e*. If this cam is turned so that its high part bears against the spring, the hook *c* is made to catch under the arm C, and the case is locked, and if the cam is turned so that it allows the spring to recede, the hook releases the arm C, and the case can be lifted off.

To prevent the hook from becoming disengaged from the arm C when the same is in its locking position, I have applied to the interior of the case a stationary bracket, *f*, which bears on the edge of the arm opposite the hook *c*.

It is obvious that, by changing the position and shape of the cam *d*, the hook *c* and spring *a* might be made in one piece, and such an arrangement I consider a mechanical equivalent of the devices shown in the drawing.

I do not intend to claim, in this present application, anything shown and described in my patent of January 4, 1870; but

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

The combination of the spring *a*, hook *c*, and cam *d* with the arm C and case D of a sewing-machine, substantially as herein shown and described.

This specification signed by me this 8th day of February, 1870.

H. O. NAUEN.

Witnesses:

W. HAUFF,

E. F. KASTENHUBER.