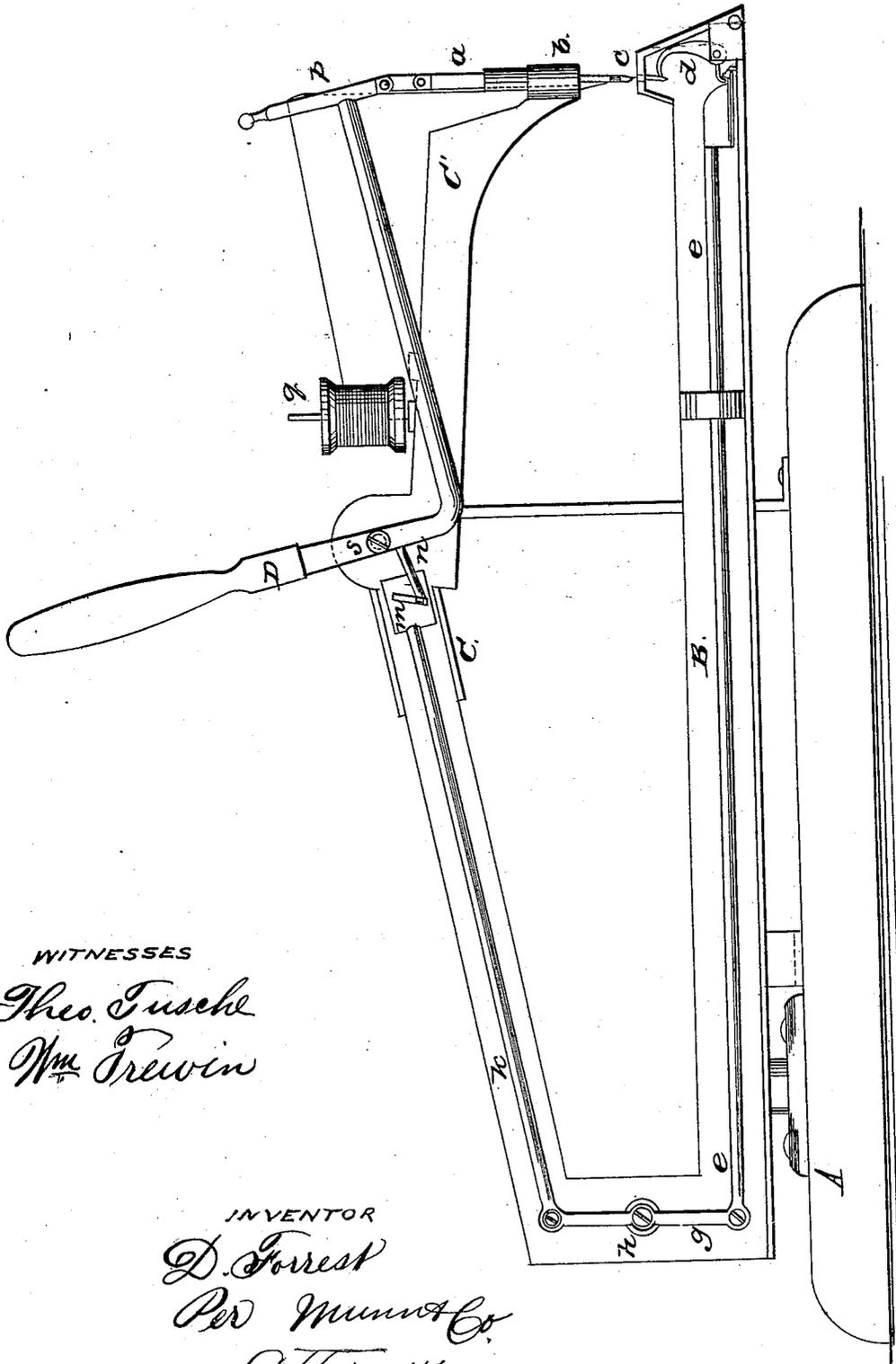


D. FORREST.  
Sewing Machine.

No. 73,178.

Patented Jan'y 7, 1868.



WITNESSES

Theo. Fusché  
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INVENTOR

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United States Patent Office.

DAVID FORREST, OF EASTPORT, MAINE.

Letters Patent No. 73,178, dated January 7, 1868.

IMPROVEMENT IN SEWING-MACHINES.

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, DAVID FORREST, of Eastport, in the county of Washington, and State of Maine, have invented a new and useful Improvement in Hand-Lever Sewing-Machine for Patching Boots, &c.; and I do hereby declare that the following is 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 the drawing represents a side elevation of my improved hand-lever patching-machine.

The nature of this invention consists in a device for sewing patches on boots and shoes, and other similar articles, by means of a hand-lever to work the needle, the construction of which is hereinafter explained.

Upon the side of a bench or table, A, a long and stout metal-frame base, B, is fastened at the end. The base, B, may be cylindrical or square, and supports an overhung frame, C, the front end of which serves as the arm, C', for the socket *b* of the needle *a*. At the outer end of the base, B, is a cap-shaped bed-plate, *c*, through which the point of the needle works to sew the material, under which bed-plate is the chain-stitch loop-hook *d*, the toe of which is set in a recess at the end of a slide-bar, *e*, running along the base A to the back end, where it is pin-jointed to the end of a lever, *g*, having its fulcrum centrally at *h*, and connected by pin-joint at the opposite end to a slide-bar, *k*, on the end of which is a head, *m*, provided with a perpendicular slot, in which plays a projecting hook, *n*, made fast to a bent hand-lever, D, pivoted at *s*, on the extremity of the outer arm of which bent lever is the needle-stock *p*. The spool of thread sets on the spindle *q*.

It will be seen that by working the hand-lever, the needle will operate on the material placed on the bed-plate *c*, and a boot or shoe or other similar article can be slipped over the base, A, for the purpose of sewing on patches.

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

The bent hand-lever D, in combination with the slide-rods *e k*, mounted on the base, B, and connected with the needle *a* and the looper *d*, as set forth, the whole constructed and operating as herein described.

DAVID FORREST.

Witnesses:

R. B. CLARK,  
J. B. LORING.