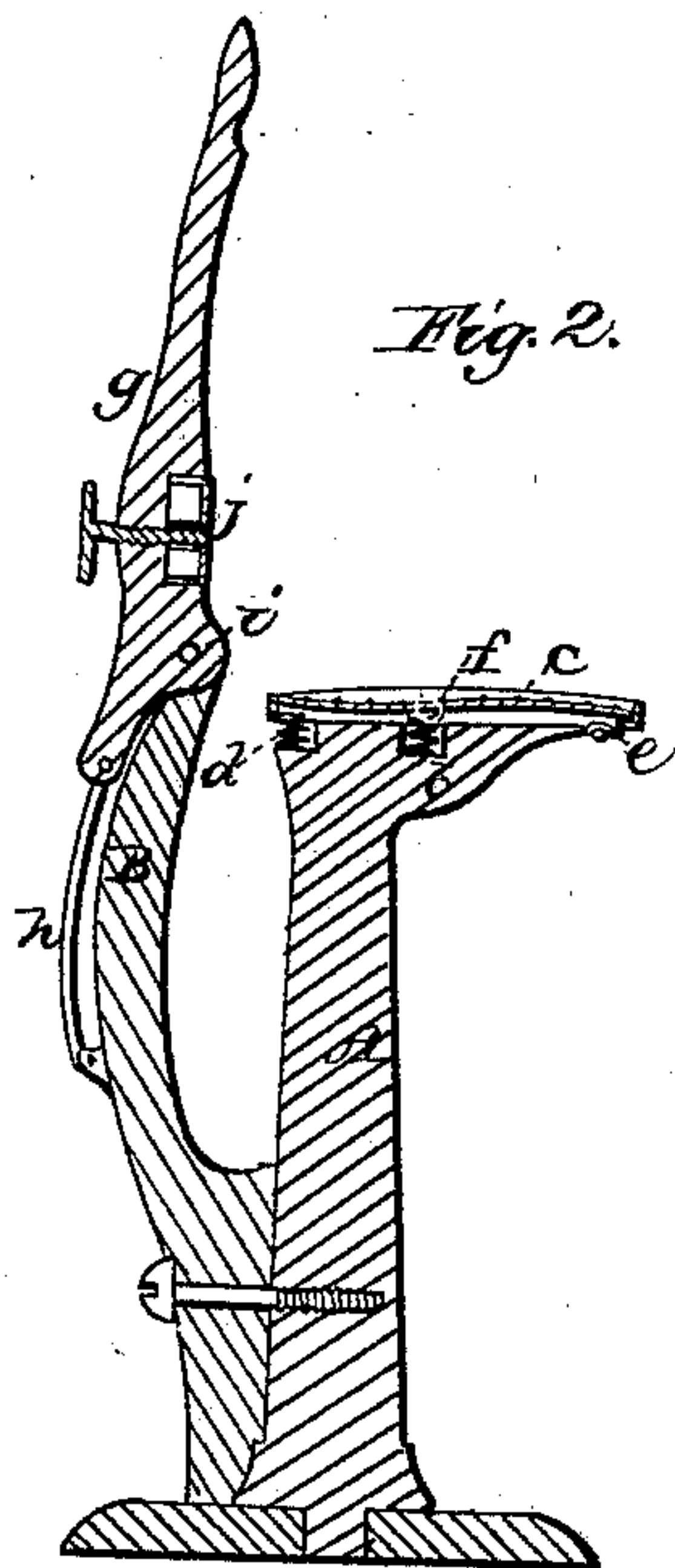
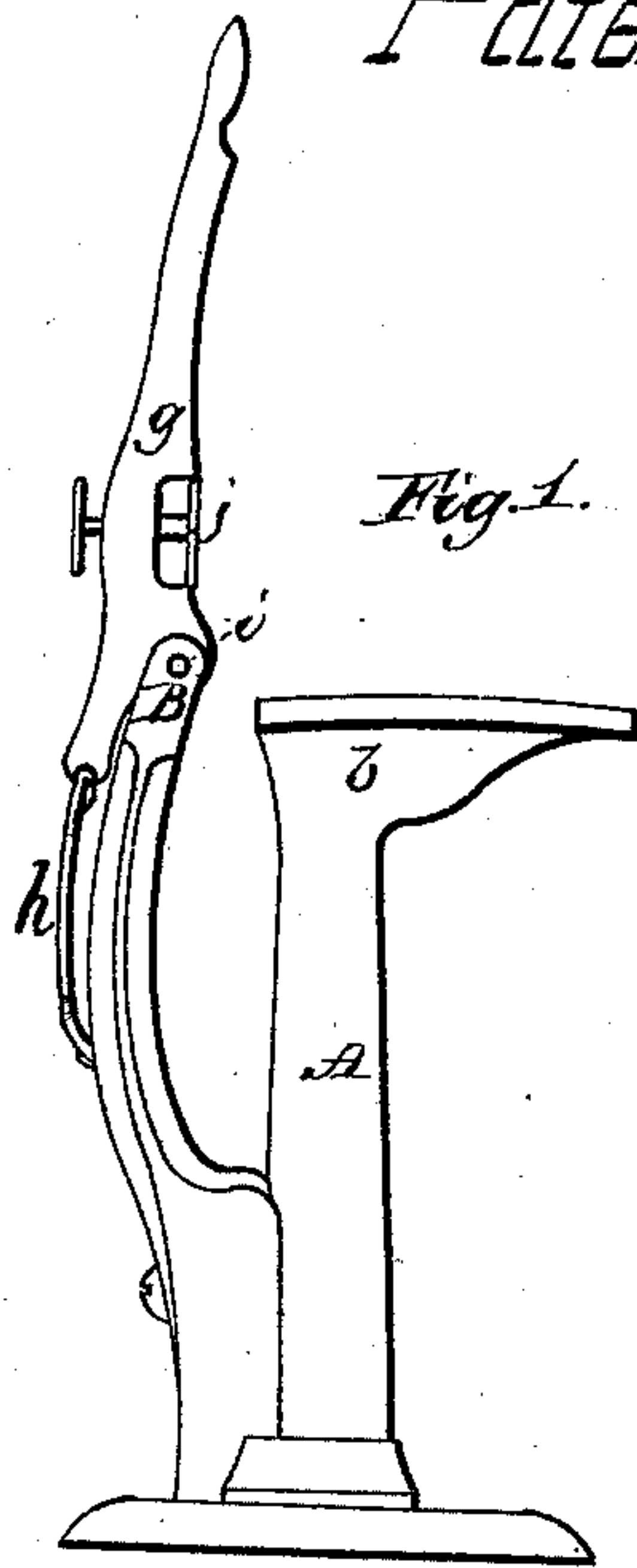


*Priest & Walcott,*  
*Shoe-Sole Machine,*  
*No 79,774, Patented July 7, 1868*



*Witnesses:*  
*J. L. Newton*  
*E. W. Newton*

*Inventors:*  
*D. H. Priest*  
*H. S. Walcott*

# United States Patent Office.

D. H. PRIEST AND H. S. WALCOTT, OF BOSTON, MASSACHUSETTS.

*Letters Patent No. 79,774, dated July 7, 1868.*

## IMPROVEMENT IN FASTENING THE LINING TO SOLES OF BOOTS AND SHOES.

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

### TO ALL WHOM IT MAY CONCERN:

Be it known that we, D. H. PRIEST and H. S. WALCOTT, of Boston, in the county of Suffolk, and State of Massachusetts, have invented a new and improved Device for Fastening the Linings to the Soles of Boots and Shoes; and we hereby declare that the following is a correct description of the invention, and we refer to the accompanying drawings, and letters of reference marked thereon, as parts of this specification.

Figure 1 is a side elevation of the device, and

Figure 2 is a vertical section of the same.

The letter A represents the standard or leg of the device; *b*, the last supported by the standard; *c*, its metallic facing or rim; *d*, *e*, and *ff*, the heel and toe and side springs, upon which the facing or rim rests; B, the fork or brace supporting the lever *g*; *h*, the spring of the lever *g*; *i*, its fulcrum, and *j* the adjustable plate or gauge of the lever *g*.

Lining the inner soles of boots and shoes requires care, and no small labor and expense, since the work is done after the uppers are closed upon the soles, and this part of the finishing, done by the hand, is necessarily done imperfectly, at best, the shoes, &c., often being so small as not easily to admit the hand to all parts of the soles, to smooth down or fasten the linings. This invention performs the work of fastening on the lining rapidly, and the lining is made to cover the entire sole; and the device and the mode of using it are thus described and explained.

The standard or leg, A, is made of iron, wood, or any suitable material, with a base upon which it rests. Upon the standard is a last, *b*, made of any suitable material, and of different size, as occasion may require. Upon and about the outer surface of the last, at the edge of the sole, is a yielding facing or rim, supported by springs or otherwise. This rim is independent of the last, except as combined and connected with the same by springs, as at *d*, *e*, and *ff*, or their equivalents. The springs keep the facing or rim a quarter of an inch, or thereabouts, above the surface of the sole when left free, but when the facing or rim is pressed down, its surface is even with the surface of the sole. There is also a lever, *g*, attached at its shorter arm by a spring, *h*, to the side of the fork or brace B, and it is supported upon the standard, turning upon its fulcrum, *i*. It has also an adjustable plate or gauge, *j*. By turning the screw connected therewith, the plate is raised or lowered to suit the size of heel, bringing the lever down upon the rim, as may be desired, more closely. The lever is operated by the hand, and, when brought down upon the rim, presses it down even with the surface of the sole. The lever is not necessary in light work, the rim being easily pressed down with the hand, but it will be serviceable in heavier work.

To operate the device, the lining cut for the last, as ordinarily cut, is laid upon the surface of the last, or its sole, within the rim, and there pasted; or it may be pasted before laying upon the last. The boot or shoe is then drawn upon the last as in ordinary cases, and the bottom is pressed upon the last, and, the rim yielding as far as the surface of the sole, the lining is stuck to the surface of the inner sole. Remove the pressure and draw off the boot or shoe. In this way the lining is fastened to the sole much more rapidly, better, and more evenly than it can be done with the hand. The use of the rim is to prevent the lining from being ruffled or disturbed in drawing the boot or shoe on to the last. In using the lever, the same operation is performed.

The device costs but little, is effective and perfect in its work, and saves much labor in lining, &c.

We are aware that T. Lucey patented a machine for this purpose, March 31, 1863, but our device, different in construction, is cheaper and more effective.

What we claim as our invention, and desire to secure by Letters Patent, is—

1. The automatic facing or rim *c*, operated by the springs *d*, *e*, and *ff*, or their equivalents, in combination with the last *b*, for the purpose of protecting the lining, substantially in the manner specified.
2. The combination and arrangement of the lever *g*, with its adjustable plate *j*, and the parts *i*, *h*, and B, for the purpose of operating upon the rim *c*, substantially in the manner specified.

D. H. PRIEST,  
H. S. WALCOTT.

Witnesses:

J. L. NEWTON,  
E. W. NEWTON.