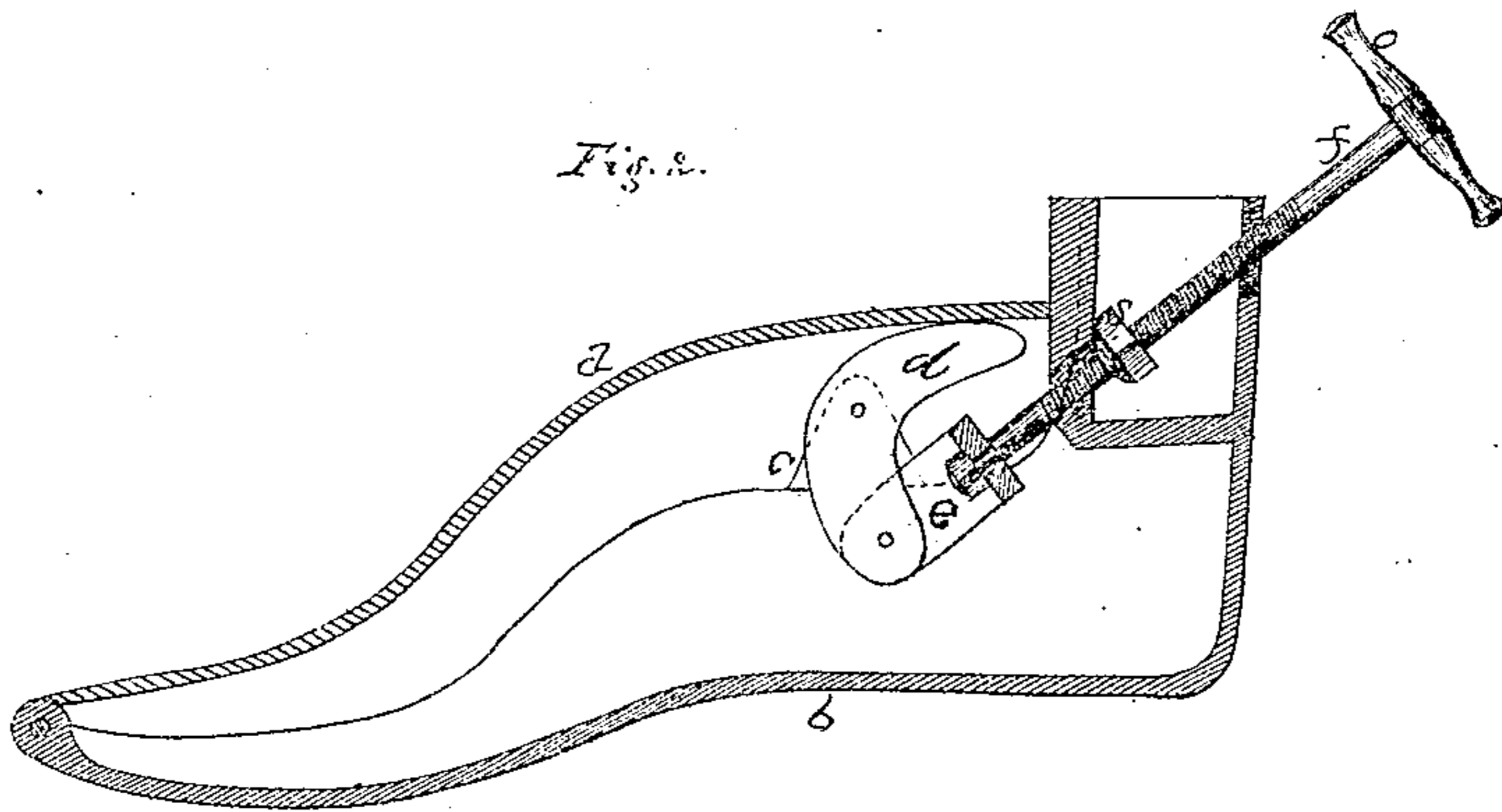
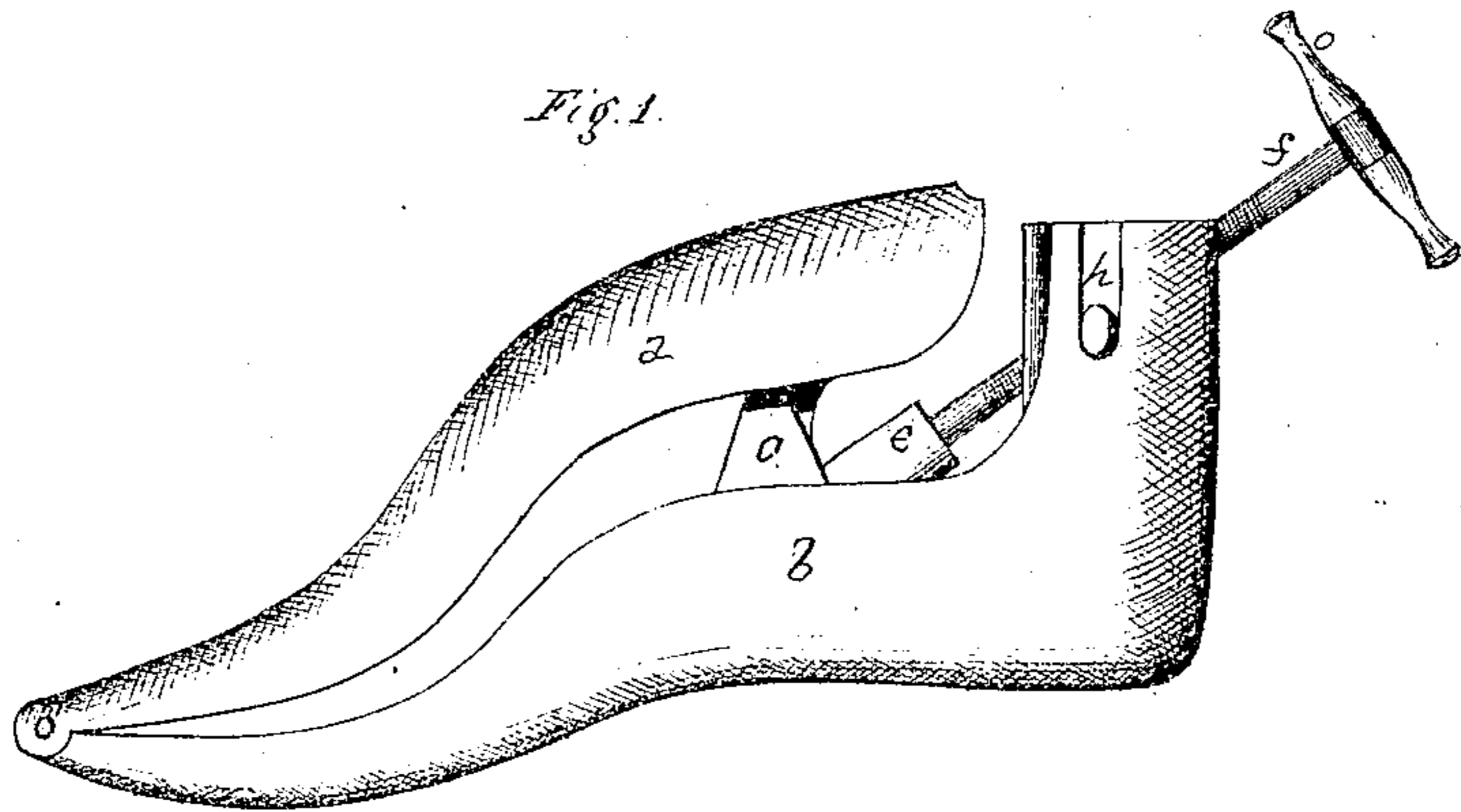


*M. Belding,*

*Boat Tree.*

*No. 104,923.*

*Patented July 5. 1870.*



Witnesses.

*Wm. E. Simonds*  
*Fred. A. Creighton.*

Inventor.

*Moses Belding*

# United States Patent Office.

MOSES BELDING, OF HARTFORD, CONNECTICUT.

*Letters Patent No. 104,923, dated July 5, 1870.*

## IMPROVED INSTEP-STRETCHER FOR BOOTS AND SHOES.

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

I, MOSES BELDING, of Hartford, county of Hartford and State of Connecticut, have invented certain Improvements in Instep-Stretchers, of which the following is a specification.

### *Nature and Objects of the Invention.*

My improvements consist in making the stretcher of a metal shell hinged together at the toe and opening apart upward and downward, and in putting inside this shell a cam operated by a screw on the end of a bar, which bar projects backward obliquely out of the heel of the last having a handle upon the further extremity whereby to operate it.

By screwing this bar outwardly the cam is made to lift the upper part of the metal shell, making it thus to act as an instep-stretcher.

### *Description of the Accompanying Drawing.*

Figure 1 is a side view, the upper part somewhat raised.

Figure 2 is a central vertical section.

### *General Description.*

The letter *a* indicates the upper part of the metal shell, and *b* the lower, both hinged together at the toe.

Upon the inside of the shell, from each side of the

bottom part, rise the bearings *c c*, in which is hung, so as to turn freely, the cam *d*, which bears up against the upper part *a*.

At its lower end the cam *d* is jointed by means of the connecting-bar *e* to the screw-rod *f*, so as to allow the rod to turn freely.

Upon this rod is a left-handed screw-thread, which runs in the swivel-nut *s*, which swivel-nut is hung on bearings in the slot *h*.

At the further extremity of the rod is the handle *o* for operating it.

From the above description it is obvious by turning the screw, the top part *a* will be raised or lowered, as desired.

### *Claim.*

I claim as my invention—

An instep-stretcher, consisting of the pieces *a* and *b*, hinged together at the toe, cam *d*, and connecting-rod *e*, with the screw-rod *f*, working in the nut *s*, all constructed, arranged, and operated in the manner and for the purpose set forth.

MOSES BELDING.

Witnesses:

WM. E. SIMONDS,

FRED. A. CREIGHTON.