

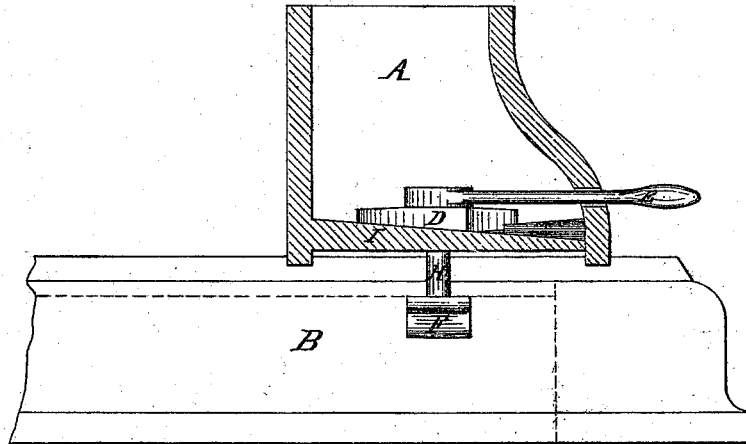
*J. G. Stowe,*

*Lothe Fastening.*

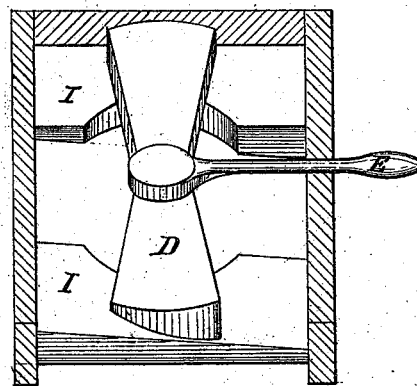
*No. 97,986.*

*Patented Dec. 14, 1869.*

*Fig. 1.*



*Fig. 2.*



*Witnesses.*

*Joshua Milbourn  
Horatio A. Hunt*

*Inventor.*

*James G. Stowe*

# United States Patent Office.

JAMES G. STOWE, OF PROVIDENCE, RHODE ISLAND.

*Letters Patent No. 97,986, dated December 14, 1869.*

## IMPROVED LATHE-FASTENING.

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

I, JAMES G. STOWE, of the city and county of Providence, and State of Rhode Island, have invented an Improvement in Lathe-Fasteniugs, of which the following is a specification.

To enable those skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

Figure 1, of the accompanying drawing, shows a perspective view of the interior of a tail-stock or cricket, with the fastening-apparatus represented therein; A being the tail-stock; B, the bed of the lathe; F, the lathe-shoe or clamp; H, a perpendicular rod, secured to the cam-block D at one end, and passing through the shoe E, and holding the same by a nut or shoulder at the other, so as to turn in the shoe; E, a lever, fastened to cam-block D; and I, one

of two cam-surfaces or inclines, cast with or fastened to the tail-stock, and represented by I I in Figure 2, which is another view of the cam-apparatus used.

By moving the levers E to the right or left, as desired, it will readily be seen, by the working of the cam-surfaces of D upon those of I I, how the fastening and loosening of the stock are effected.

I claim, as my invention—

The combination of the tail-stock A, cam-surfaces I I, cam-block D, lever E, rod H, and shoe F, or their equivalents, constructed and arranged substantially as and for the purpose described.

JAMES G. STOWE.

Witnesses:

JOSHUA WILBOUR,  
HORATIO A. HUNT.