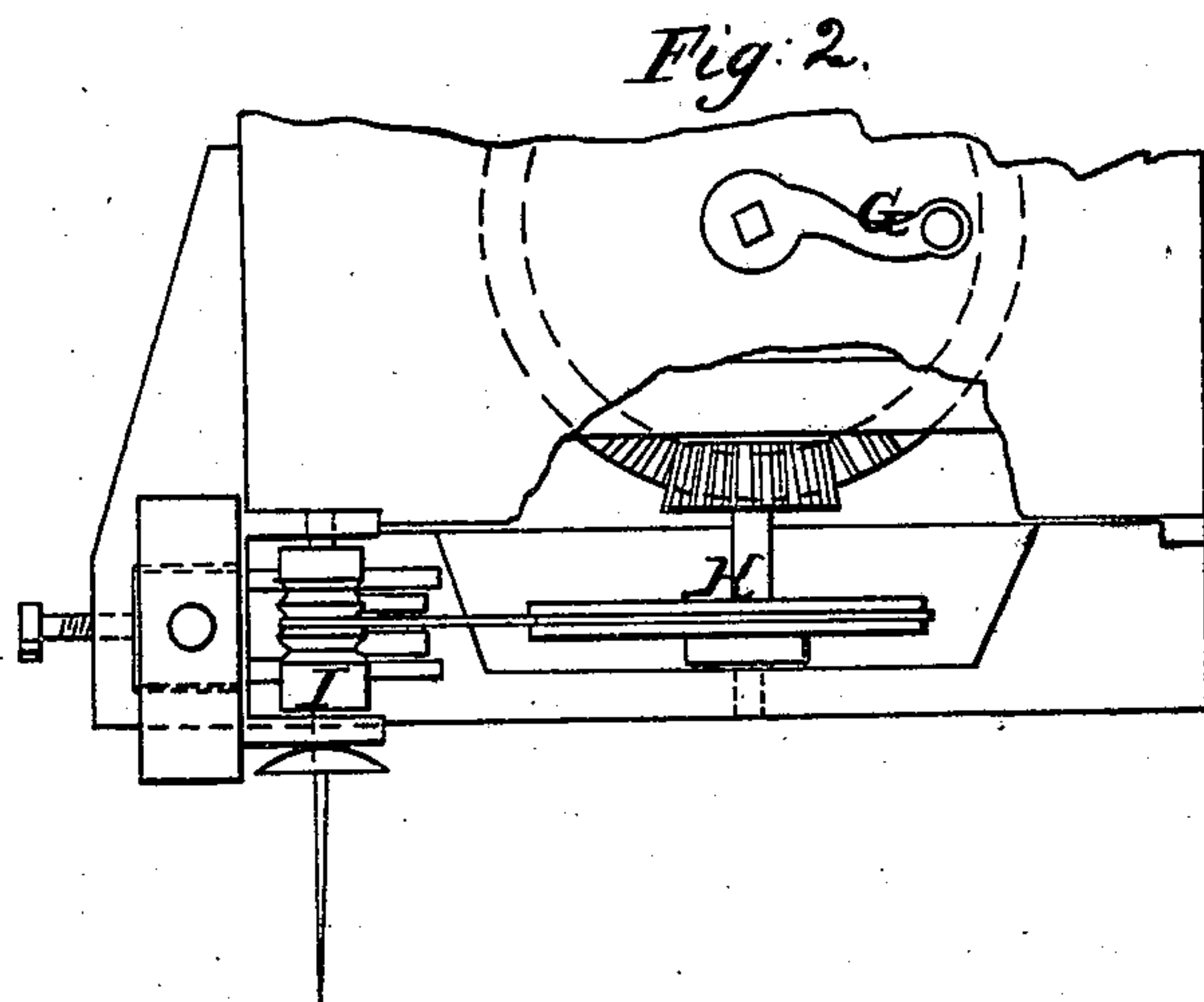
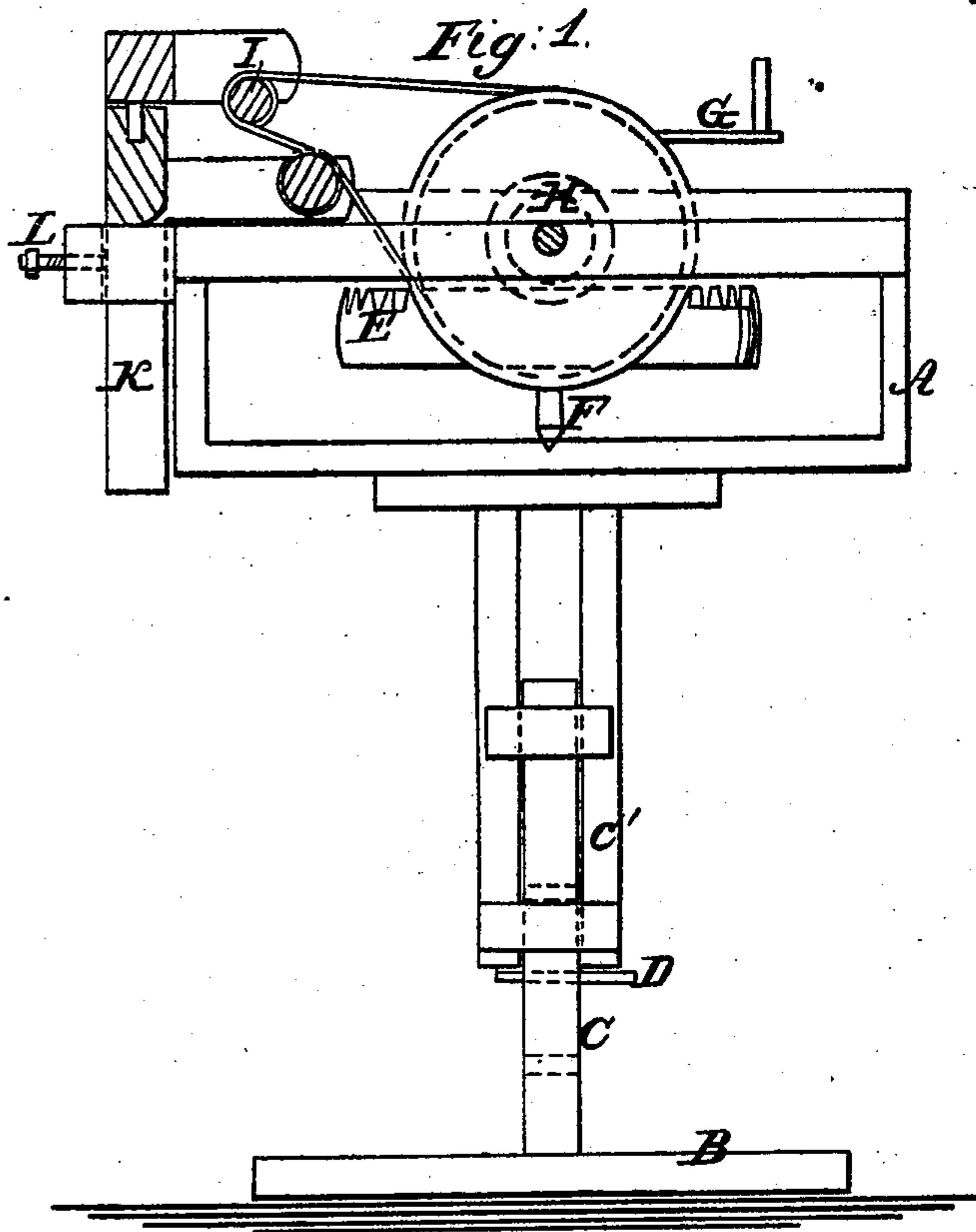


J. Rice.

Hand Spinning Mach.

Nº 96619.

Patented Nov. 9. 1869.



Witnesses;
O. Finchman
Wm. H. Brooks

Inventor;
J. Rice
Per Mmm

United States Patent Office.

JAMES RICE, OF PRAIRIE CREEK, INDIANA.

Letters Patent No. 96,619, dated November 9, 1869.

IMPROVEMENT IN HAND-SPINNING MACHINE.

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, JAMES RICE, of Prairie Creek, in the county of Vigo, and State of Indiana, have invented a new and improved Hand-Spinning Machine; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification.

The object of this invention is to provide a hand-spinning machine, which may be readily adjusted as to height, so that the operator may work it when either standing or sitting.

It is also arranged for enclosing the gearing in a case, for safety, and for a better appearance.

Figure 1 represents an elevation, partly in section, of my improved machine, and

Figure 2 represents a partial plan view.

Similar letters of reference indicate corresponding parts.

A represents a case for containing the operating-parts, supported on a stand, B, by an extension-support, C C', the part C' being arranged to slide up and down on the part C, and to be supported at any point by a pin, D, passing through holes in the said part C.

E represents a horizontal-toothed driving-wheel, supported in the case A on a vertical axis, F, which rises up through the top of the case, and is provided with a hand-crank, G.

This gear-wheel operates an intermediate shaft, H, carrying a pulley, which imparts motion to the spindle I, supported in bearings capable of being adjusted vertically on the stock K, which may be secured at any desired point, for tightening the belt or otherwise.

This arrangement provides a very simple, cheap, and convenient machine for household-use, which may be adjusted to any required height, for any person, either standing or sitting.

Having thus described my invention,

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

The arrangement of case A, driving-wheel E, vertical axis F, hand-crank G, the intermediate shaft and pulley and spindle I, with the adjustable stand B C and pin D, all constructed as described.

JAMES RICE.

Witnesses:

ZADOC J. HUNT,
JOHN W. SMITH.