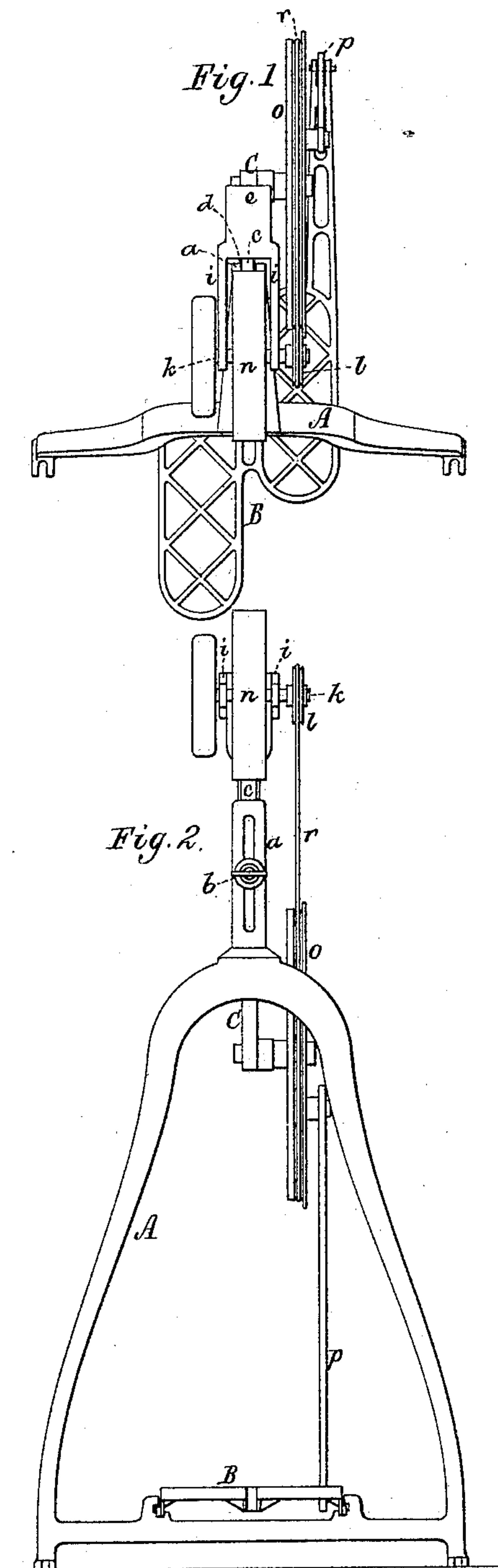


(No Model.)

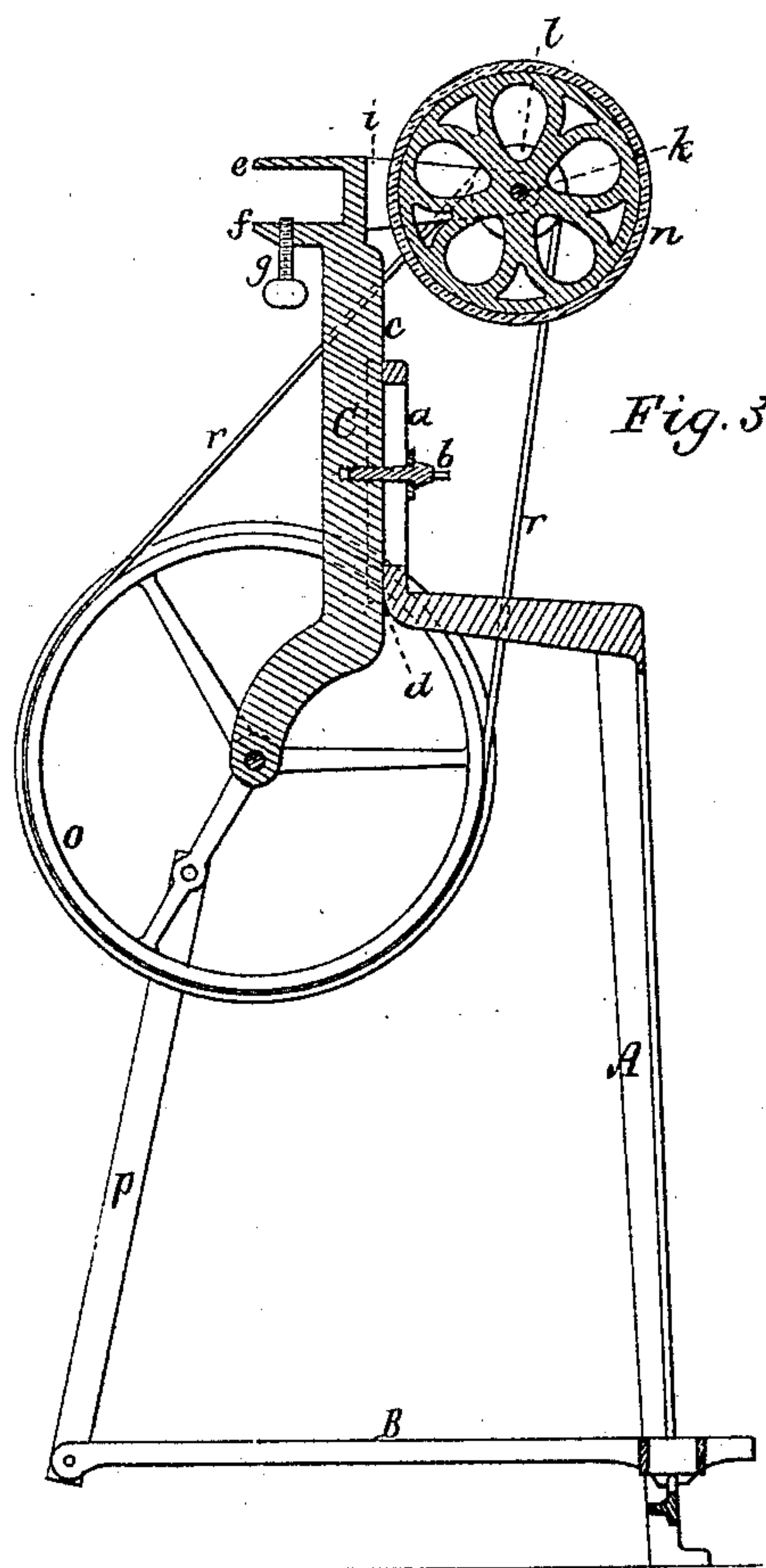
C. E. STEVENS.  
FOOT POWER STAND.

No. 354,446.

Patented Dec. 14, 1886.



Witnesses.  
*S. N. Piper*  
*R. B. Torrey*



Inventor.  
*Charles E. Stevens.*  
by *R. H. Eddy* att'y.

# UNITED STATES PATENT OFFICE.

CHARLES EDWIN STEVENS, OF NORTHAMPTON, MASSACHUSETTS.

## FOOT-POWER STAND.

SPECIFICATION forming part of Letters Patent No. 354,446, dated December 14, 1886.

Application filed April 26, 1886. Serial No. 200,148. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES EDWIN STEVENS, of Northampton, in the county of Hampshire, of the Commonwealth of Massachusetts, have invented a new and useful Improvement in Foot-Power Stands; and I do hereby declare the same to be described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a top view, Fig. 2 a side elevation, and Fig. 3 a vertical and median section, of a foot-power stand of my invention, the nature of which is defined in the claim hereinafter presented.

In such drawings, A denotes a standard having extended through and fulcrumed to it a treadle, B. The upper part, *a*, of this standard is slotted vertically to receive a clamp-screw, *b*, which goes through the slot and screws into a slide, C, provided with a tongue, *c*, to enter a groove, *d*, in the said part *a*, such tongue and groove being to guide the slide C in its movements either upward or downward relatively to such part *a*. At its upper end the slide C is provided with two parallel ears, *e* and *f*, projecting forward from it, as represented, in the lower one of which is a clamp-screw, *g*, that screws through the ear, such ears and clamp-screw being for fastening the slide to a bench or the top of a table. Besides such ears there are to the slide two others, *i i*, that project backward from it and support an arbor or shaft, *k*, provided with a grooved pulley or wheel, *l*. The said shaft may have upon it concentrically, and between the ears *i i*, a wheel, *n*, that may be used as a guiding-wheel or as a pulley for carrying an endless belt for

putting in operation a sewing-machine or other mechanism on the bench or table. The slide C at its lower part supports the journal of a larger grooved wheel, *o*, which is joined to the treadle by a connecting-bar, *p*, pivoted to both wheel and treadle. An endless band, *r*, works around the wheels *o* and *l*.

A workman, by applying one or both of his feet to the treadle and vibrating it, can put the wheel *o* in revolution, and thereby cause the arbor or shaft *k* to revolve. By having the slide C separate from and adjustable in altitude on the standard A, the "foot-power" can be adapted and fastened to a table or bench, whatever may be the height of its top from the floor on which the stand may rest, provided such height is not above the reach of the clamping-ears of the slide when the slide is at its highest altitude.

I claim—

The combination of the standard A, provided with the treadle and connecting-bar, with the slide C, adjustable, as described, on such standard, and having devices for clamping it thereto and to a bench or top of a table, and also having ears projecting rearwardly from it, an arbor supported by or in such ears, a wheel fixed on such arbor, and another and larger wheel pivoted to it, the said slide, and joined to the treadle by the connecting-bar, an endless band being applied to the wheels, and all being substantially and to operate as specified.

CHARLES EDWIN STEVENS.

Witnesses:

R. H. EDDY,  
S. N. PIPER.