

A. BRILL.

Improvement in Treadles for Sewing-Machines.

No. 128,460.

Patented July 2, 1872.

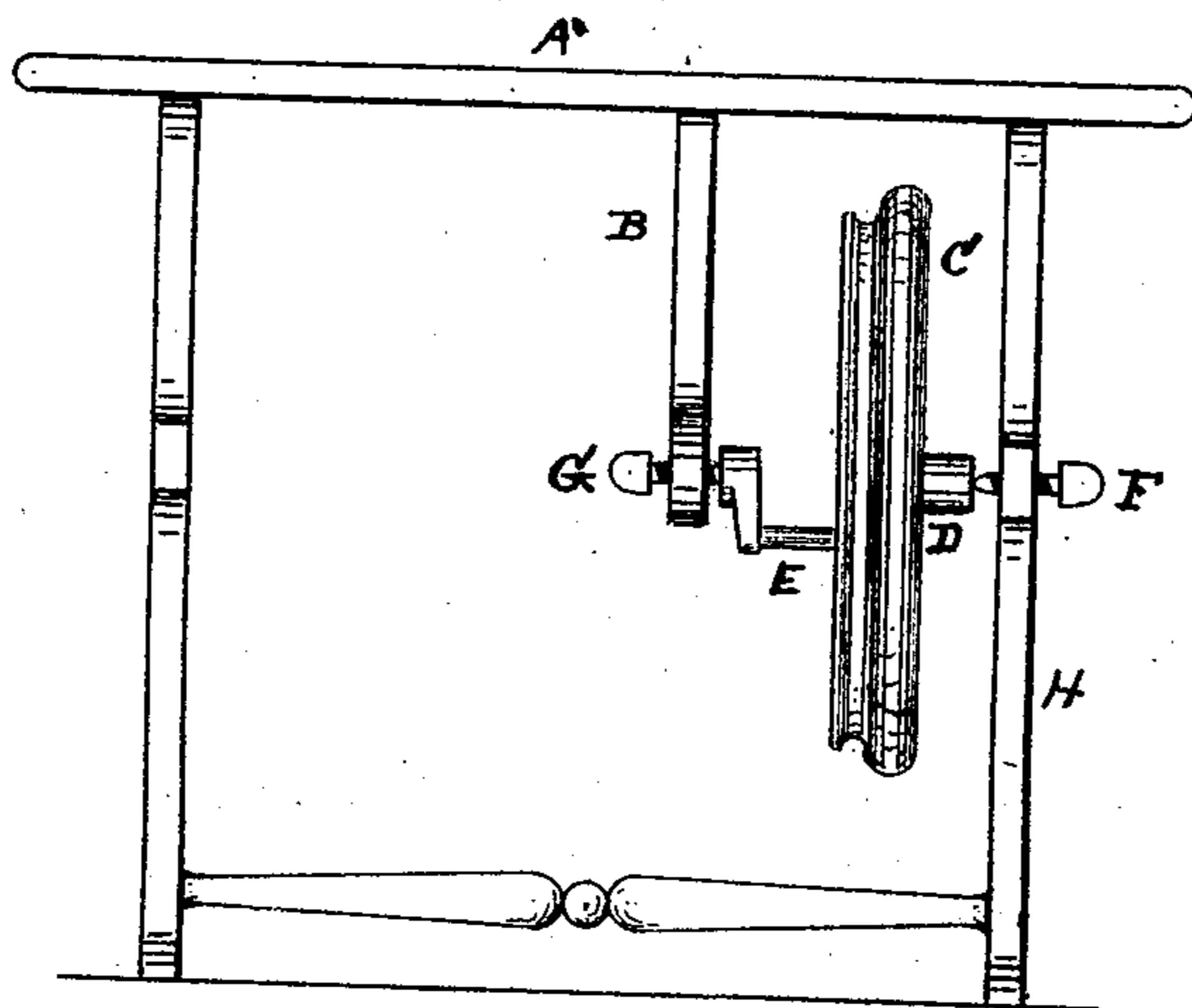


Fig. 1.

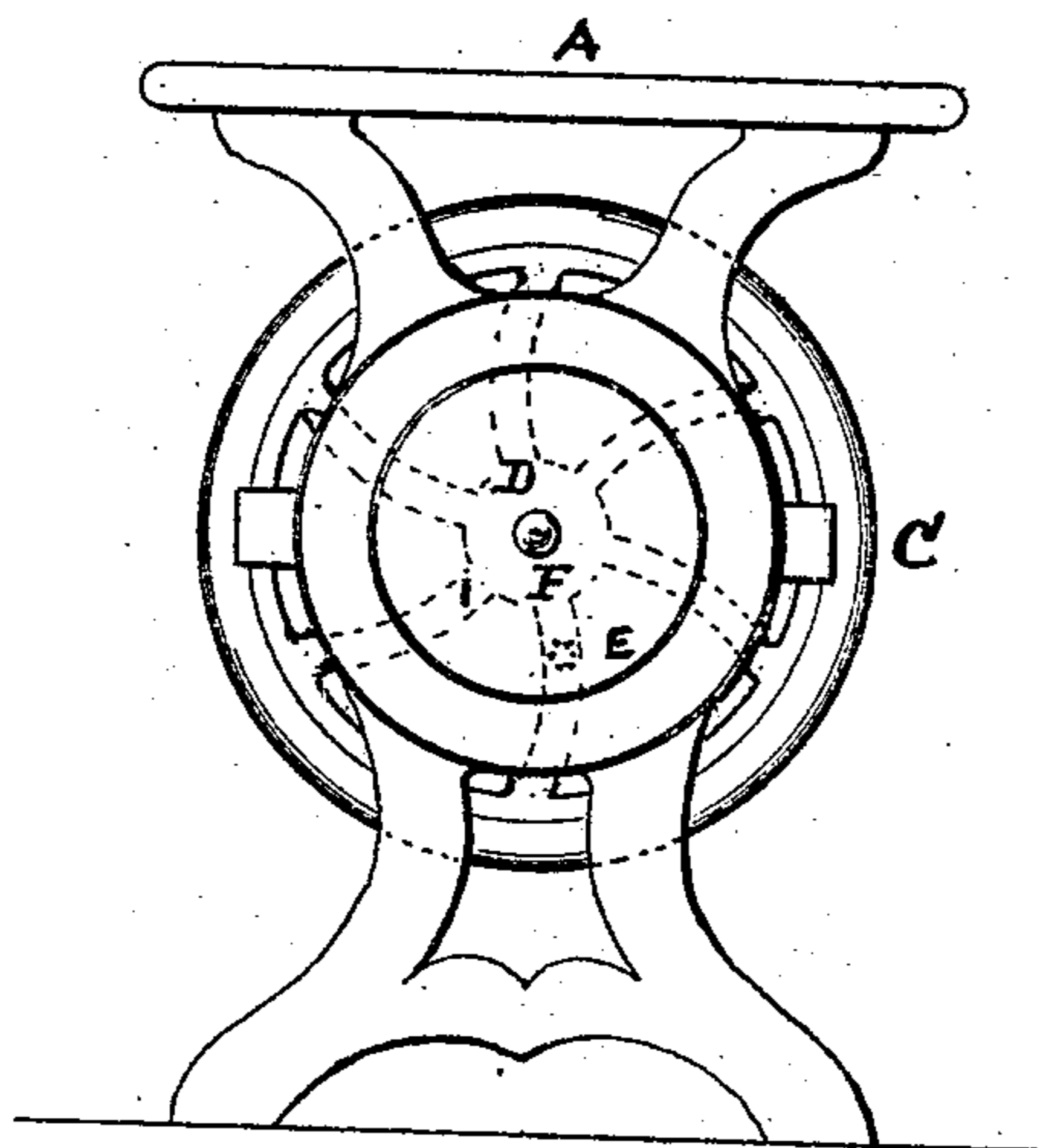


Fig. 2.

WITNESSES

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# UNITED STATES PATENT OFFICE.

ANDREW BRILL, OF ST. LOUIS, MISSOURI.

## IMPROVEMENT IN TREADLES FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. 128,460, dated July 2, 1872.

*To all whom it may concern:*

Be it known that I, ANDREW BRILL, of the city and county of St. Louis, State of Missouri, have invented a new and useful Improvement in Sewing-Machine Treadles, of which the following is a full, clear, and exact description, reference being had to the annexed drawing making a part of this specification, in which—

Figures 1 and 2 represent, respectively, front and end views of my invention.

Similar letters indicate like parts.

The object of my invention is to increase the ease of operating the machine, diminish the noise, and provide a means of readily adjusting the bearings of the driving or fly wheel, so that it may always run true and without shaking.

A, Figs. 1, 2, represents an ordinary sewing-machine table; and B, a bracket attached to the under side of it. C is a fly-wheel and belt-wheel combined, as seen clearly in Fig. 1, having on one side a projection, D, at its axis, and on the other an arm, E, one end of which is attached to the wheel a little below its center, as seen in Fig. 2, while the other end which projects upwardly is in a line with the axis of the wheel. A screw-pin passing through the standard H, as seen at F, Figs. 1

2, has a pointed end, which enters a corresponding socket in the projection D, while another similar pin, G, Fig. 1, passes through the bracket B, and engages with a socket in arm E, as seen clearly in Fig. 1, thus furnishing bearings to the wheel C. To the arm E is attached the ordinary pitman, not shown, which is connected with the usual treadles, not shown. The bearings of the wheel being merely points, the friction is much lessened, and consequently the labor of running it diminished. Should the wheel become loose it can readily be brought to its bearings by tightening the screw-pins F G.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The combination of the wheel C, arm E, bracket B, standard H, and screws F G, substantially as and for the purpose shown and specified.

2. The combination, with a driving or fly wheel, of adjustable bearings, substantially as and for the purpose shown and described.

A. BRILL.

Witnesses:

SAML. S. BOYD,  
C. M. WHITNEY.