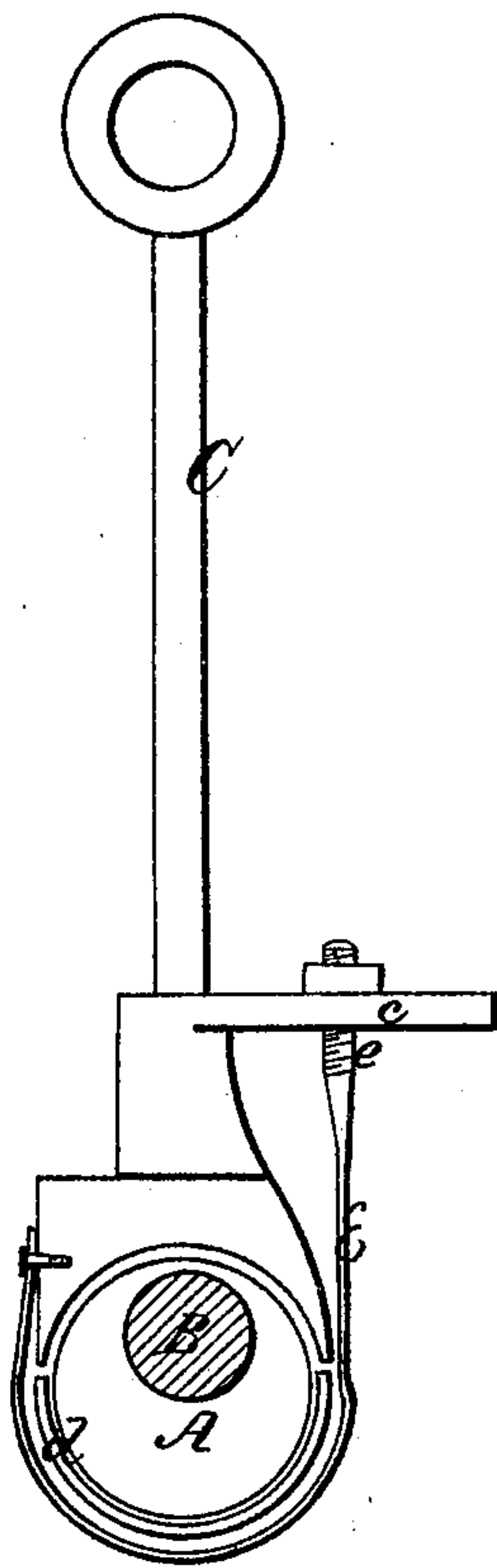


G. Fowler.

Eccentric Cam Rod.

N^o 90,635.

Patented Jun. 1, 1869.



*Witnesses;
C. O. Brown
Chas. Hadaway*

*Inventor;
Geo. Fowler
by Geo. E. Brown
Atty.*

United States Patent Office.

GEORGE FOWLER. OF PHILMONT, NEW YORK.

Letters Patent No. 90,655, dated June 1, 1869.

IMPROVEMENT IN APPARATUS FOR ADJUSTING ECCENTRICS TO CONNECTING-RODS.

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, GEORGE FOWLER, of Philmont, in the State of New York, have invented a new and useful Improvement in Eccentric-Straps; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and letters of reference marked thereon, making a part of this specification, in which—

Figure 1 is a longitudinal vertical section.

This invention consists in attaching the eccentric-rod to its eccentric, by means of an elastic metallic strap, passed around the eccentric, and secured, at its two ends, to the rod, in such a manner as to be capable of being tightened or loosened, at pleasure, so as to give the eccentric more or less room to work in, as may be desired.

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

Similar letters in the drawings refer to like parts.

In the drawing—

A represents an eccentric, placed on the shaft B.

C is the eccentric-rod.

E is the eccentric-strap, the same being metal, and

elastic, passed around the eccentric, and fastened to the rod C rigidly, at one end, by means of screws, or the like, while its other end terminates in a screw-bolt, *e*, which extends through a hole in the arm *c* of the eccentric-rod, and, by means of a nut on the upper side of the same, may be tightened or loosened, at pleasure.

A pad, *d*, may be placed between the strap and the eccentric, if desired.

By this arrangement, the eccentric is made to work without rattle or jar, and, whenever the parts work loose by friction, they may be tightened up again by the screw and nut.

The device is applicable to any eccentric, in whatsoever sort of a machine it may be used.

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

Attaching a connecting-rod to its eccentric, by means of an elastic metallic strap, capable of being tightened or loosened, at pleasure, substantially in the manner as described.

GEORGE FOWLER.

Witnesses:

H. P. HORTON,

A. L. HOUGHTALING.