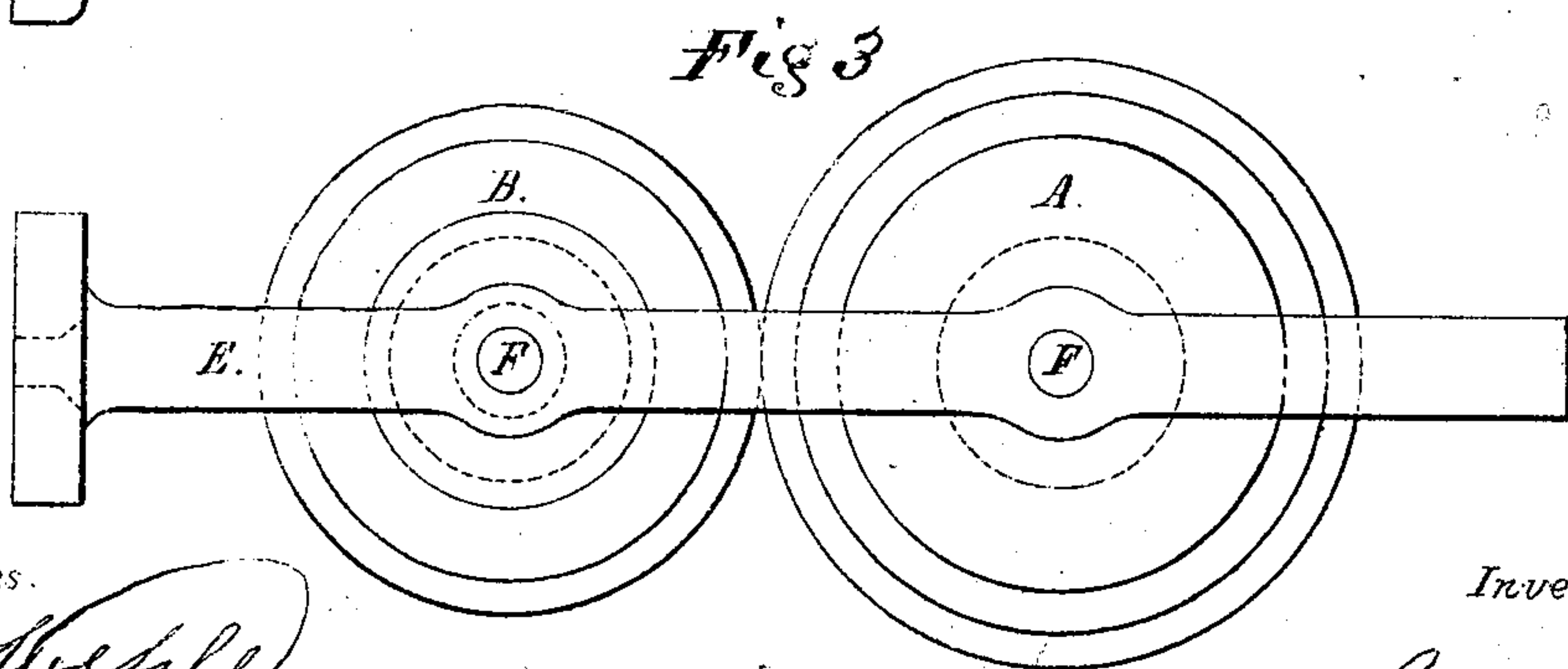
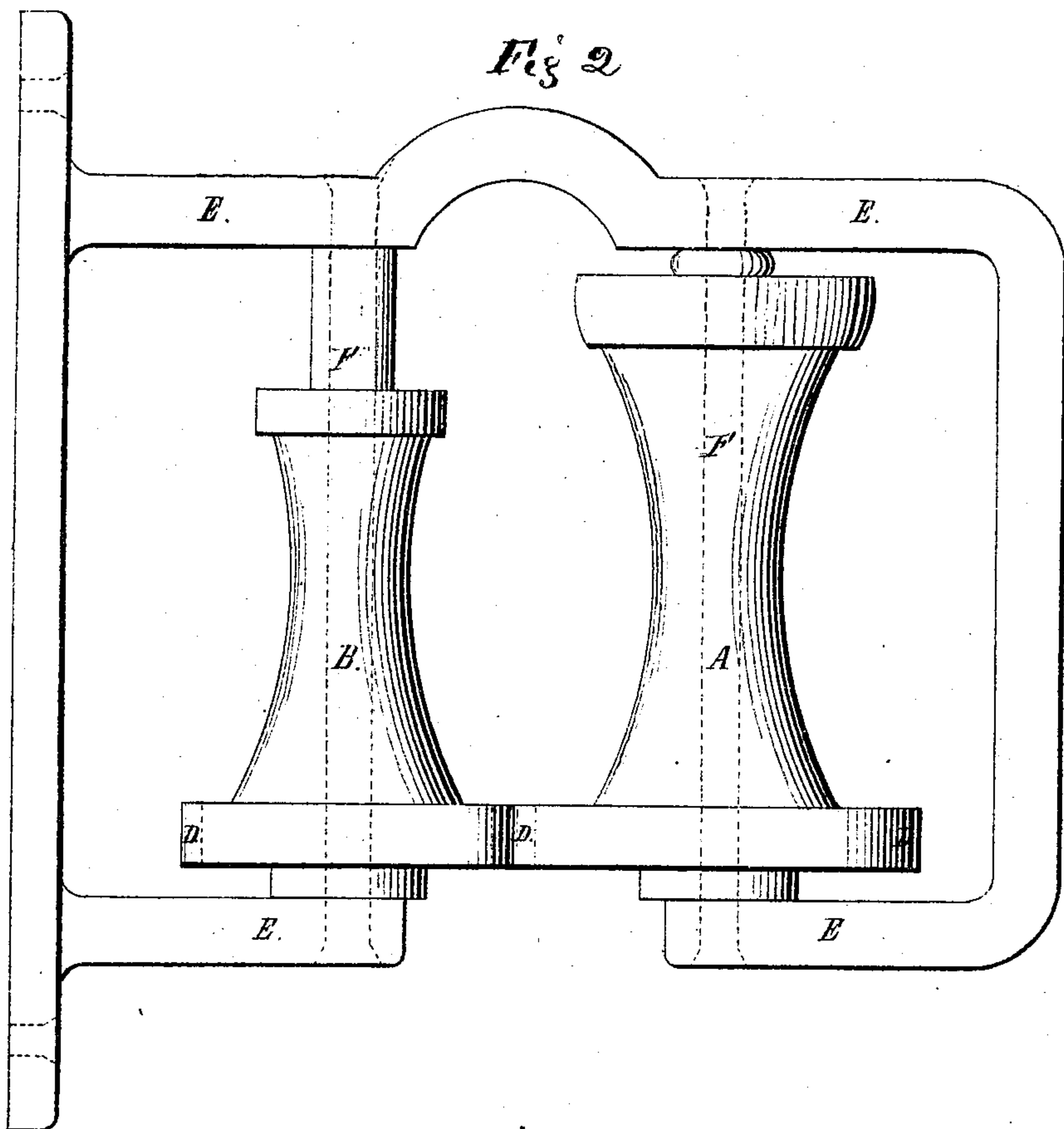
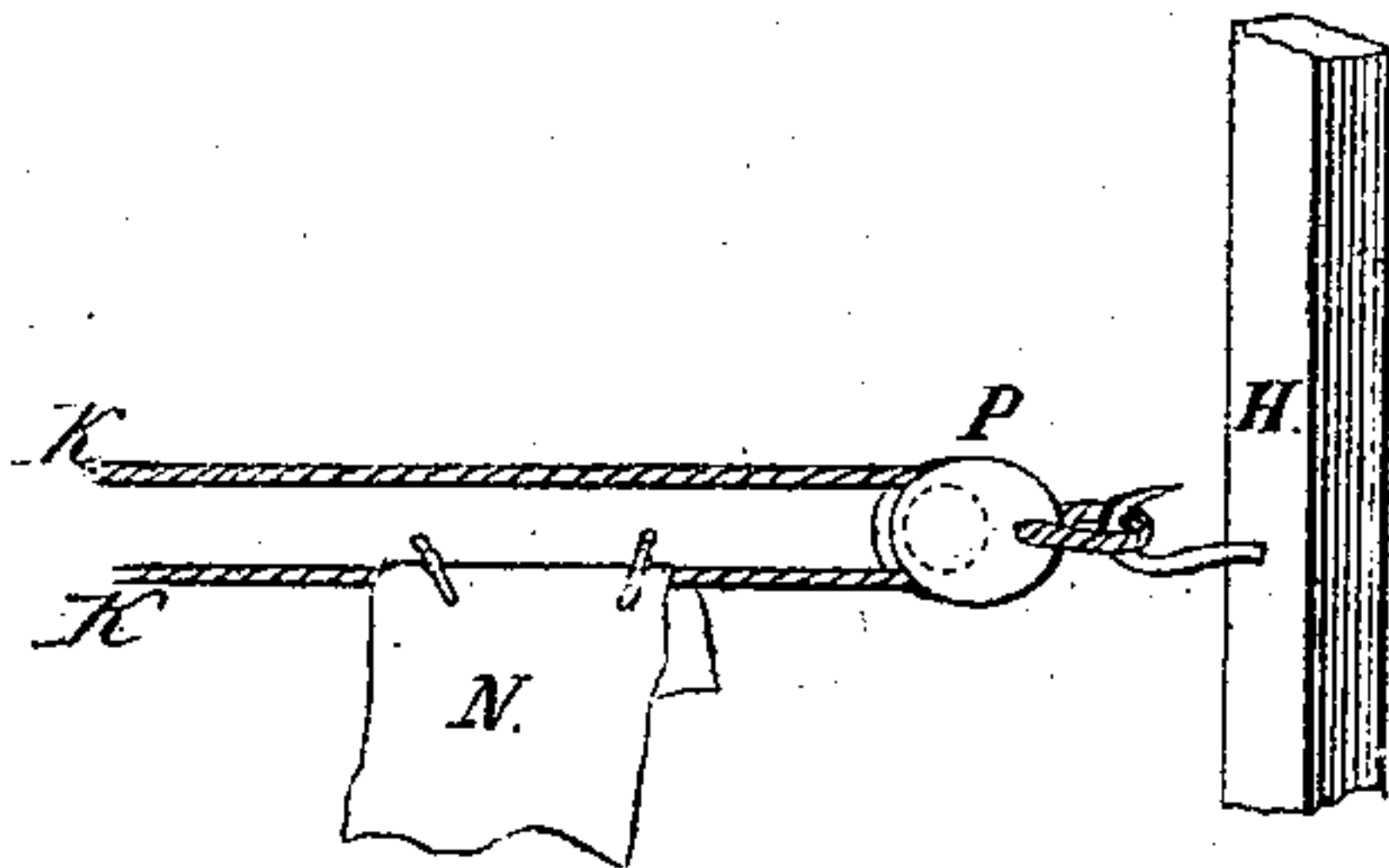
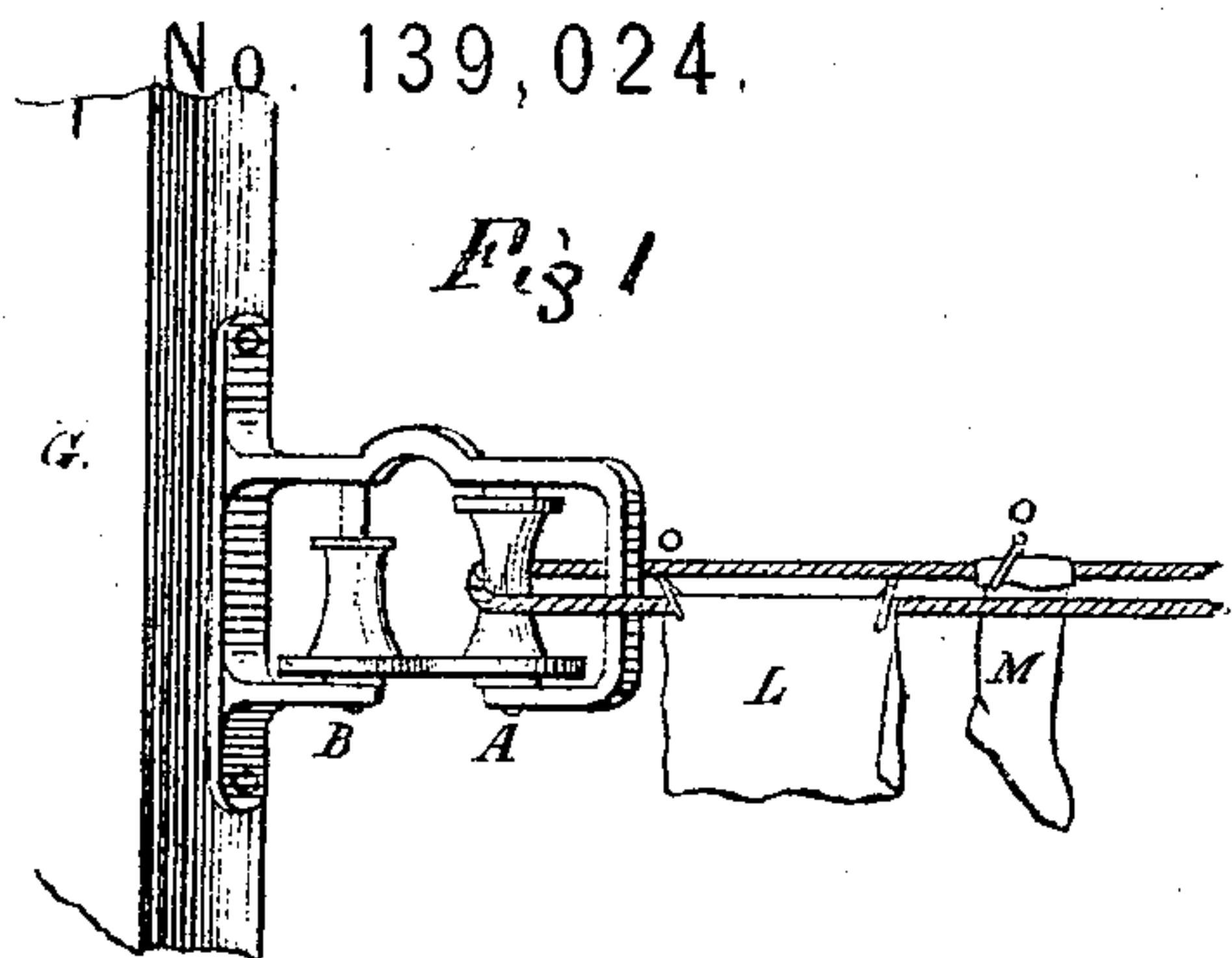


G. H. RYER.
Clothes-Line Pulleys.

No. 139,024.

Patented May 20, 1873.



Witnesses.

Chas Wehle
Chas Goldzins

Inventor.

George H. Ryer

UNITED STATES PATENT OFFICE.

GEORGE H. RYER, OF NEW YORK, N. Y.

IMPROVEMENT IN CLOTHES-LINE PULLEYS.

Specification forming part of Letters Patent No. **139,024**, dated May 20, 1873; application filed October 24, 1872.

To all whom it may concern:

Be it known that I, GEORGE H. RYER, of the city, county, and State of New York, have invented certain Improvements in Clothes-Line Pulleys, of which the following is a specification:

The invention consists in an arrangement whereby on one end of the line two blocks or pulleys are used, allowing the clothes to pass between them, and thus allowing the whole rope or line to be used for hanging clothes on, instead of the present method, whereby only one-half of the line can be used for that purpose.

The accompanying drawing is as follows:

Figure 1 is a perspective view of the clothes-line on my improved pulleys. Fig. 2 is an elevation, showing my improved pulleys and the frame to which they are fastened. Fig. 3 is a plan of the same.

G is the wall or pole to which my new clothes-pulleys are fastened. H is the wall or pole on the other end, to which a usual rope-pulley is fastened. K is the rope. L M N are the clothes, fastened to the rope by the pins O O. P is the old-style block or pulley. E E E is the cast-iron or other strong metal frame in which my new pulleys are inserted. F F are two axles fastened to the frame. A is the large pulley over which the

clothes line or rope passes. B is the small pulley, revolving in an opposite direction from the large pulley; the lower circle of the two pulleys touch, and are covered by two India-rubber bands or rings, D D, which permit the clothes to pass through without injury to them.

This arrangement permits both sides of the line to be used in the following manner: I commence to hang the clothes next to the old block P, and continue to hang them to the left until I reach the new pulley A, when I revolve it, and all the clothes hung will then pass through the two pulleys A and B, and I continue hanging from P until the whole line is full. The reason for two pulleys is to prevent the clothes-line from coming off. The new pulleys may be used on both ends, if desired.

I claim as my invention—

The two pulleys A and B, with India-rubber bands or rings at the lower ends, inserted in a frame fastened to one end or wall, substantially as and for the purpose hereinbefore set forth.

GEORGE H. RYER.

Witnesses:

CHS. WEHLE,
CHAS. GOLDZIER.