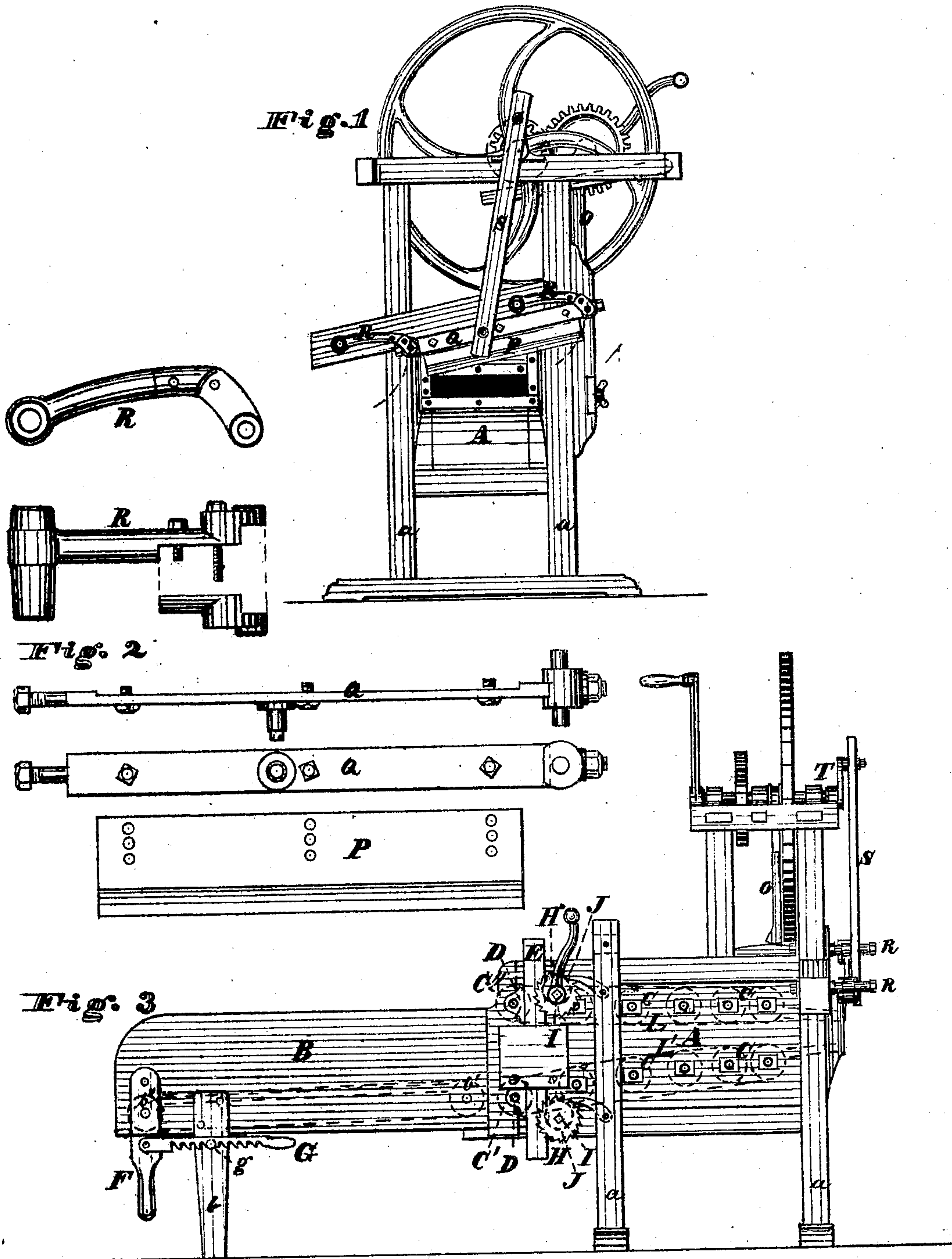


JOHN EIBERWEISER.

Improvement in Tobacco Cutters.

No. 124,426.

Patented March 12, 1872.



Attest

Abt. Von Kannel
R.H. Perrine.

Inventor

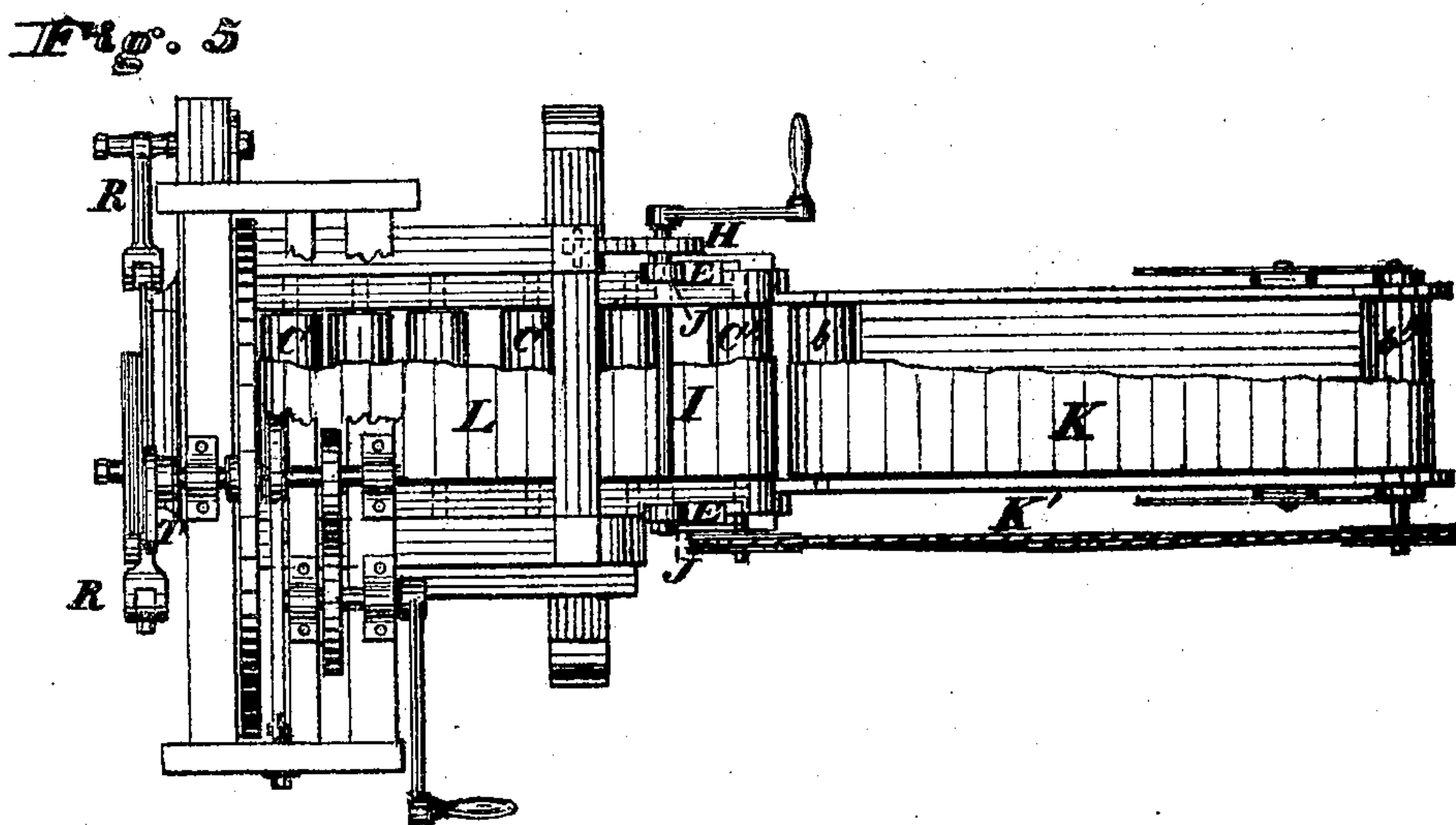
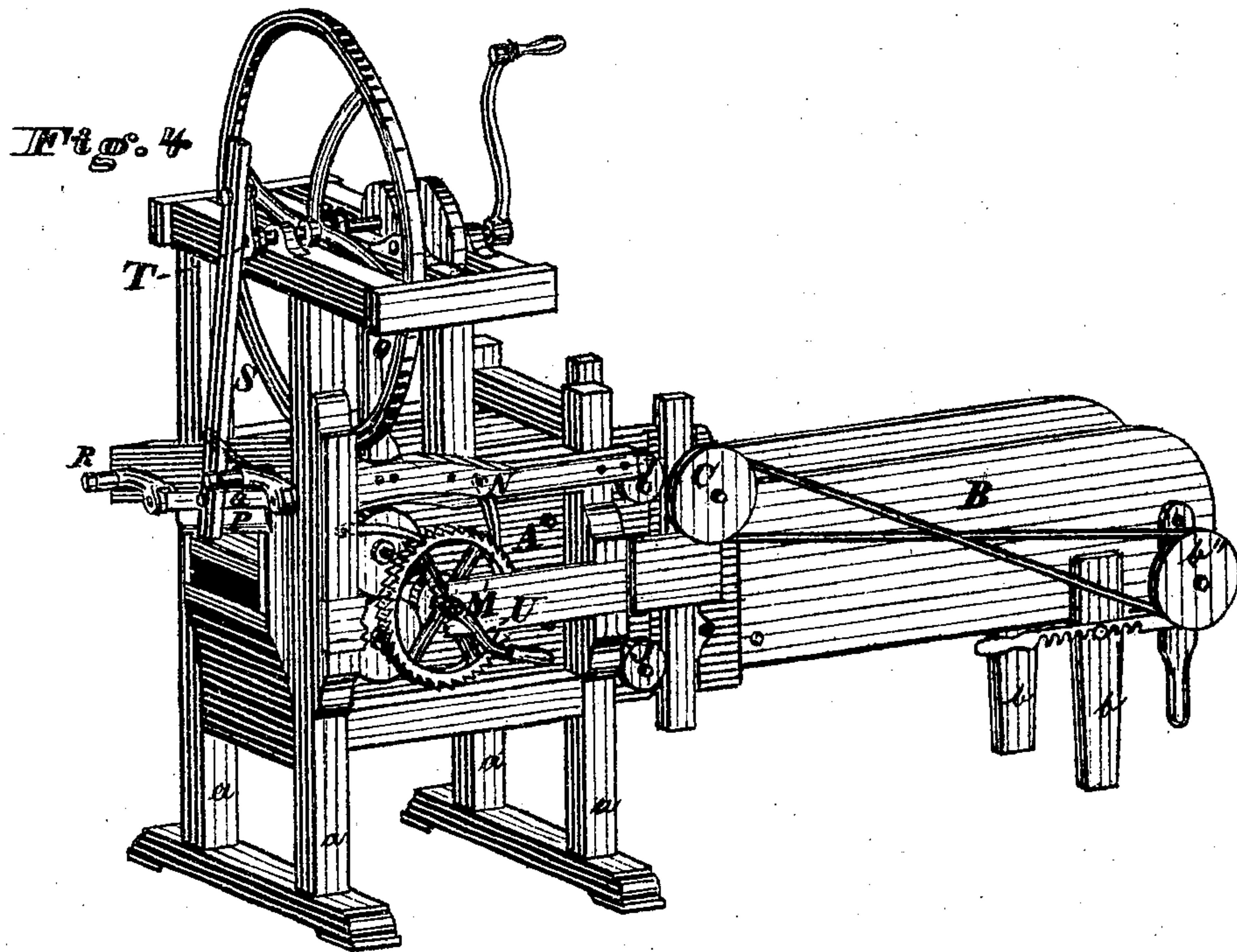
John Eiberweiser
per
T. Van Kannel & Co
attys.

JOHN EIBERWEISER.

Improvement in Tobacco Cutters.

No. 124,426.

Patented March 12, 1872.



Attest
Abr. Von Kannel
R. H. Perrine

Inventor
John Eiberweiser
for
T. Van Kannel & Co
attys

UNITED STATES PATENT OFFICE.

JOHN EIBERWEISER, OF CINCINNATI, OHIO.

IMPROVEMENT IN TOBACCO-CUTTERS.

Specification forming part of Letters Patent No. 124,426, dated March 12, 1872.

To all whom it may concern:

Be it known that I, JOHN EIBERWEISER, of Cincinnati, Hamilton county, Ohio, have invented a new and Improved "Tobacco-Cutter;" and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the annexed drawing making a part of this specification.

Figure 1, Sheet I, is a front elevation. Fig. 2, Sheet I, represents the knife, the vibrating arms, and knife-holder in detail. Fig. 3, Sheet I, is a side elevation. Fig. 4, Sheet II, is a perspective; and Fig. 5, Sheet II, is a plan of the same.

Similar letters of reference indicate corresponding parts.

My invention relates to a machine for cutting tobacco, wherein the cutting-knife is attached to two vibrating arms and motion given to the same by a crank and pitman.

A is the cutting-box, and B the feeding-trough, supported on legs *a a a a* and *b b*. The cutting-box A is provided with two rows of rollers C, C, and G, one above the other. The two hindmost rollers C' C'' are journaled in a cast-iron box, D, which is attached to a movable upright, E. The feeding-box B has two rollers *b' b''*, over which an endless belt is stretched. The roller *b''* has an adjusting device, consisting of the pending lever F and serrated plate G, the teeth of which engage with a pin, *g*. At H is seen a pawl and ratchet. Said ratchet is permanently fastened to two shafts, I, which are provided with four

eccentrics, J, so arranged as to push the upright E in a direction opposite to the knife. Motion is given to the belt K by the band K', which forms a communication between the rollers *b''* and roller C'' The rollers C C and the rubber belts L L' receive their motion from the ratchet-wheel M, pawl N, and pitman O. At P is the knife attached permanently to the knife-holder Q. This knife-holder is held in place by arms R R, and receives a circular motion from the pitman S, which communicates with the main crank T, and procures its motion therefrom. The cutting-box, where it comes in contact with the knife, is made of steel, while the rest is lined of metal of any suitable kind.

The operation of my invention is as follows: The tobacco is first laid on the endless apron K, which carries it to the endless belts L L', and between the rollers C. The stock is thus carried forward by intermittent strokes under the knife, which descends, while the stock is at rest, and ascends while it is moved forward.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The upright E, in combination with eccentric J and pawl and ratchet I, to slacken the belts L L' or stretch them, as described.

JOHN EIBERWEISER.

Witnesses:

T. VAN KANNEL,
R. H. PERRINE.