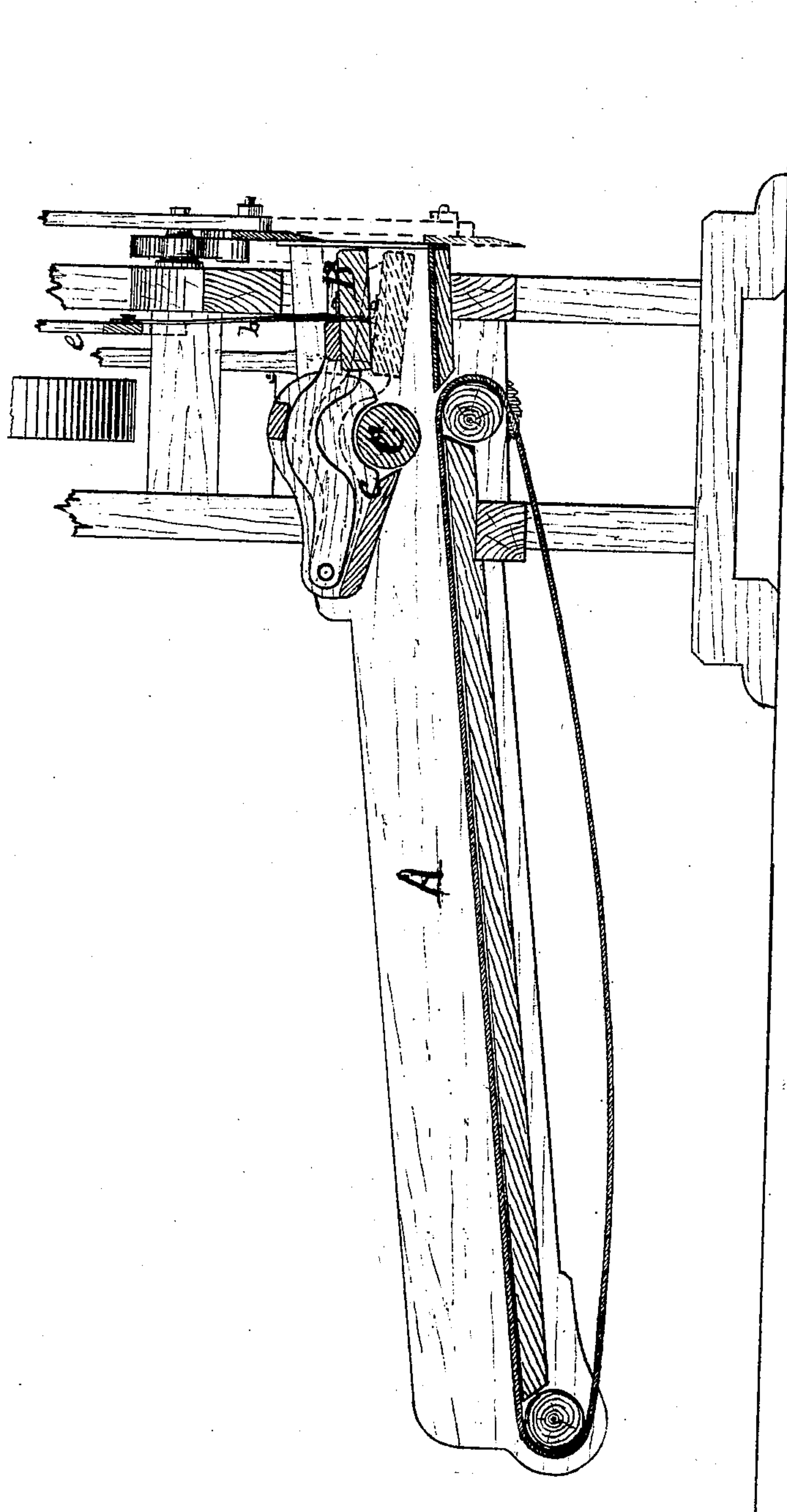


J. EIBERWEISER.

Improvement in Straw-Cutters.

No. 132,645.

Patented Oct. 29, 1872.



Attest.

E. M. Yeau
Geo. Bartle

Inventor.

John Eiberweiser
By his atty J. H. Smith

UNITED STATES PATENT OFFICE.

JOHN EIBERWEISER, OF CINCINNATI, OHIO, ASSIGNOR OF ONE-HALF HIS
RIGHT TO FREDERICK GROENE, OF SAME PLACE.

IMPROVEMENT IN STRAW-CUTTERS.

Specification forming part of Letters Patent No. **132,645**, dated October 29, 1872.

To all whom it may concern:

Be it known that I, JOHN EIBERWEISER, of Cincinnati, county of Hamilton, and State of Ohio, have invented a new and useful Improvement in Straw-Cutters; and I 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.

The drawing represents my improvement in a side elevation.

My improvement relates to that class of straw and feed cutters wherein an endless belt is made use of in feeding the stock to the cutting-knife. It consists in hanging a presser within the feeding-trough, which, by its weight, holds the stock firmly in place while the knife is making the cut. It further consists in placing a roller a short distance in the rear of the said presser, directly across the trough, and so arranged as to move up or down with freedom as the thickness of the stock may vary, the purpose of which is to gradually compress the straw on entering the cutting-box and placing it in positions to be easily cut.

In construction my improvement is as follows: A is one of the side boards of the feeding-trough, to which is jointed the weighted lever B. A connecting-rod, *b*, communicating to a cam, *c*, on the main shaft, elevates the presser B at every forward movement of the

stock. C is a roller journaled in the vibrating frame *c* so as to keep a continuous pressure on the stock. The cam giving motion to the connecting-rod is not fully represented in the drawing. The relative motion of the endless apron and the presser B is so timed as to alternate.

The operation of my improvement is as follows: Straw being placed into the feeding-trough, the endless apron by successive movements brings it under the roller C and next under presser B. The former rises to the height necessary automatically, while the latter is raised by the cam, as above set forth. As the straw enters it is slightly compressed by the roller, and as it passes on is still further compressed by the lever, making it easier to be cut in this condition.

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

The presser B, hung in frame *c*, and arranged between the roller C and the cutting-knife, when operated by connecting-rod *b* and cam *c*, substantially as and for the purpose set forth.

JOHN EIBERWEISER.

Witnesses:

FR. GROENE,
T. VAN KANNEL.