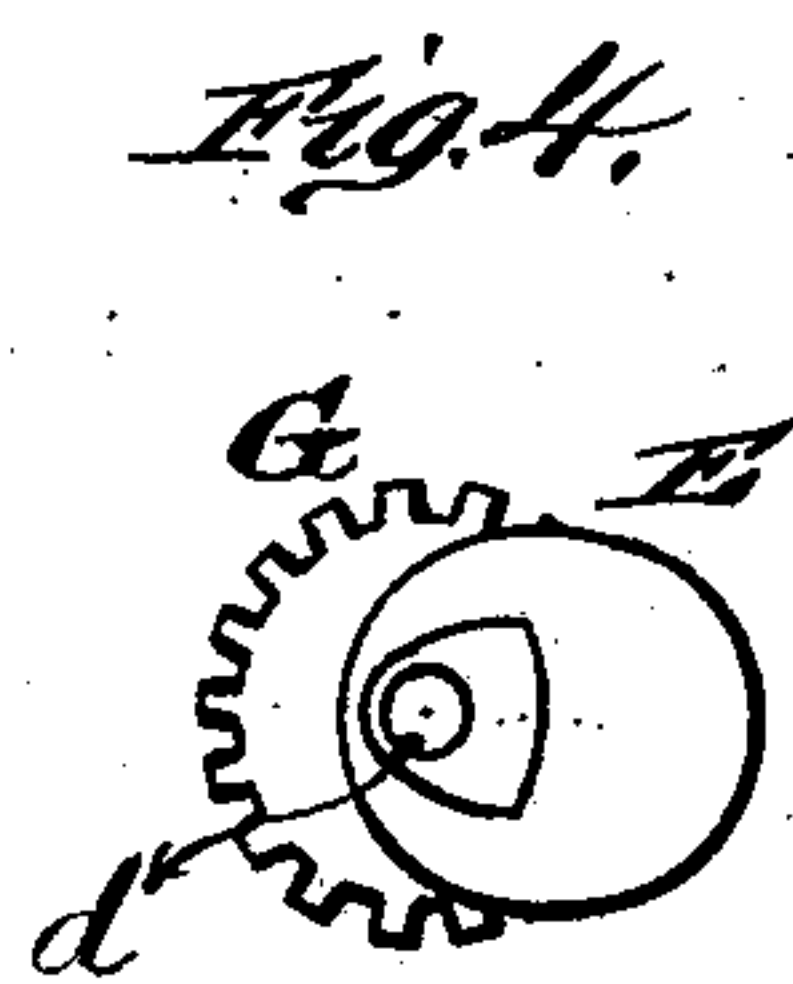
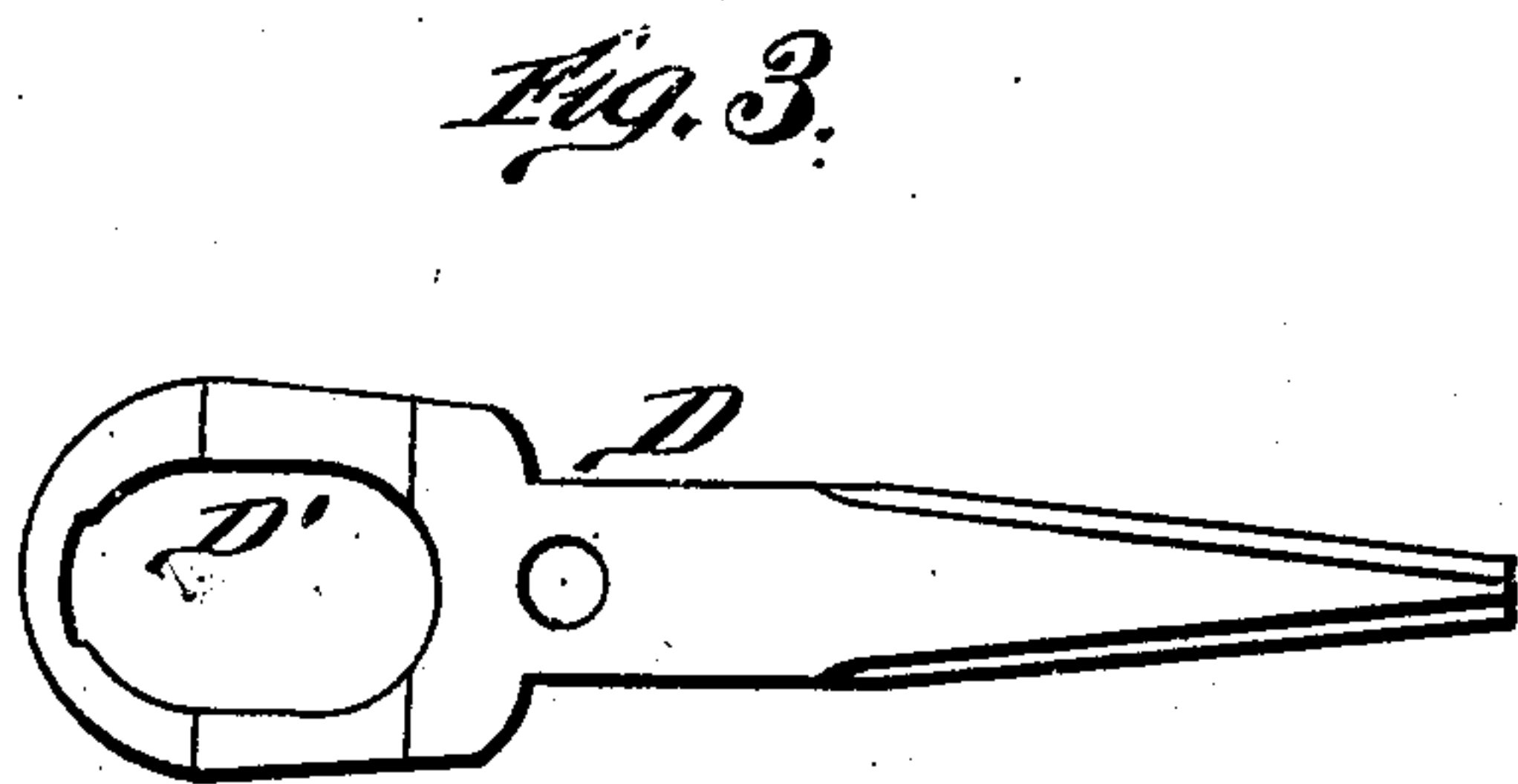
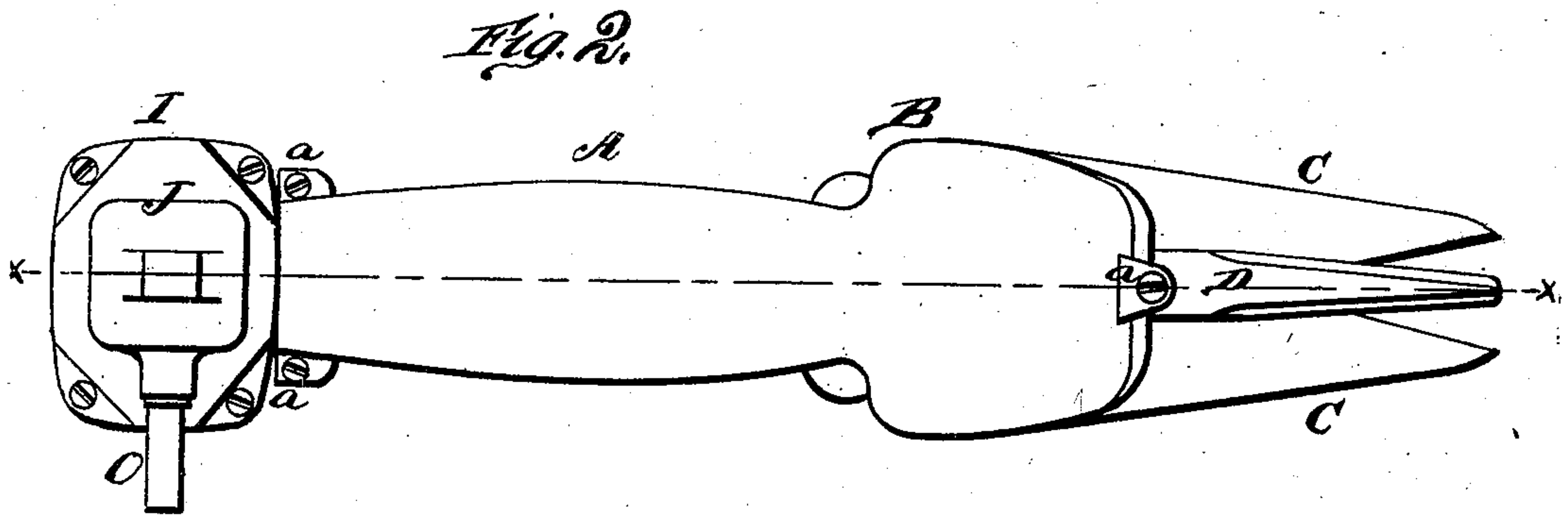
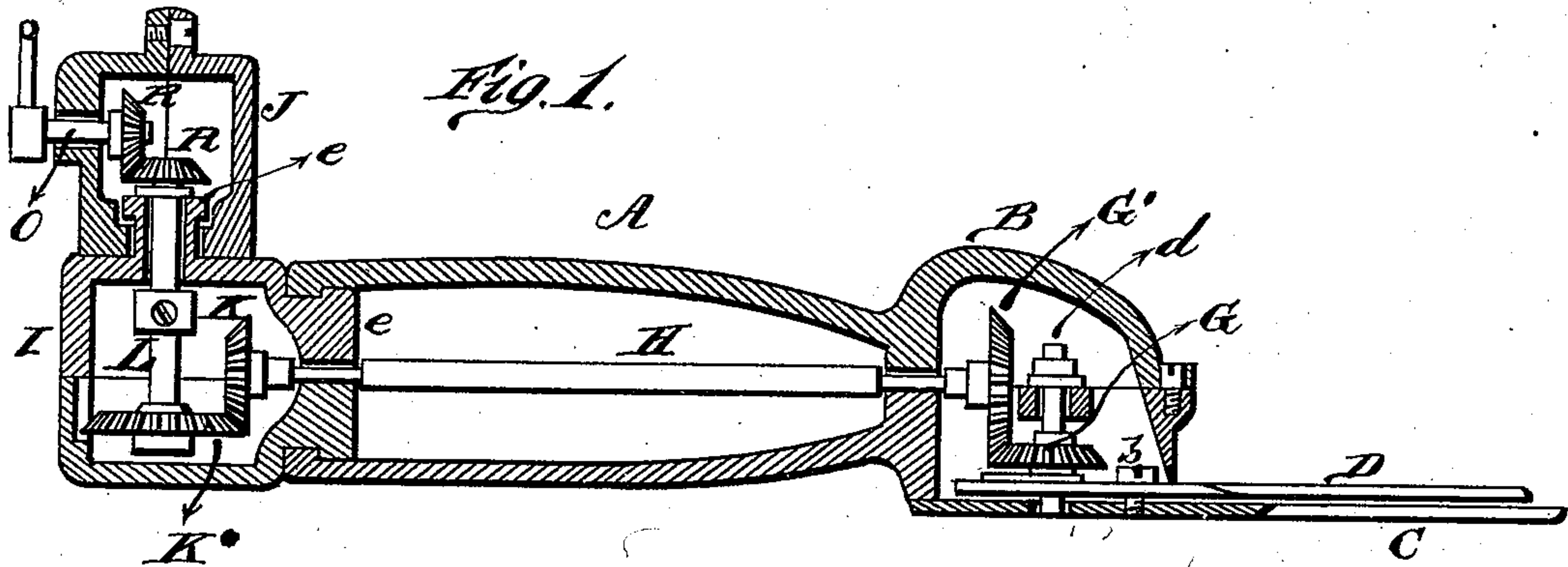


G. W. TALLMAN.
Clipping Device.

No. 196,724.

Patented Oct. 30, 1877.



WITNESSES
Robert Everett
George C. Upham

INVENTOR.
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ATTORNEYS

UNITED STATES PATENT OFFICE.

GEORGE W. TALLMAN, OF NEW YORK, N. Y.

IMPROVEMENT IN CLIPPING DEVICES.

Specification forming part of Letters Patent No. **196,724**, dated October 30, 1877; application filed August 25, 1877.

To all whom it may concern:

Be it known that I, GEORGE W. TALLMAN, of New York, in the county of New York and State of New York, have invented a new and valuable Improvement in Clipping-Machines; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a longitudinal vertical sectional view of my clipping-machine. Fig. 2 is a plan view, and Figs. 3 and 4 are details thereof.

The nature of my invention consists in the construction and arrangement of a clipping-machine, as will be hereinafter more fully set forth.

The annexed drawing, to which reference is made, fully illustrates my invention.

A represents a hollow handle, formed with a casing, B, at the front end, the whole being bisected longitudinally, and the two parts fastened together by screws at *a a a*. C C represent the stationary knives, fastened to the bottom of the casing B by screws or otherwise. D is the movable knife, turning upon its pivot at *b*. Within the casing B the inner end of the knife D forms an oblong or eccentric eye, D', within which works an eccentric, E, secured upon a short shaft, *d*, as shown. This shaft also carries a bevel-wheel, G, which gears with a larger bevel-wheel, G', upon the end of a shaft, H, that passes longitudinally through the handle A.

By the revolution of the shaft H the proper

motion is thus imparted to the knife D for cutting against both the stationary knives C C.

At the inner end of the handle A is swiveled a hollow head, I, formed with a tubular projection, *e*, on one side, and on this projection is swiveled another hollow head, J, as shown.

The shaft H extends into the head I, and is provided with a gear-wheel, K, that meshes with a similar wheel, K', on a shaft, L. This latter shaft passes through the projection *e* into the head J, where, by means of gears R R, it connects with a shaft, O, from whence the power and speed are obtained, said shaft O being rotated by any suitable means.

It will readily be seen that by taking hold of the handle the cutters can be turned in any desired direction and operated, the swiveled heads forming, as it were, a universal joint.

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

In a clipping-machine, the combination, with the hollow handle A and casing B, of the stationary knives C C, pivoted knife D, formed with the eye D', eccentric E, with the shafts and gear-wheels for rotating the same, and the swiveled heads I J, substantially as described, and for the purpose set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

GEORGE W. TALLMAN.

Witnesses:

CHAS. M. TALLMAN,
R. B. CATHERWOOD.