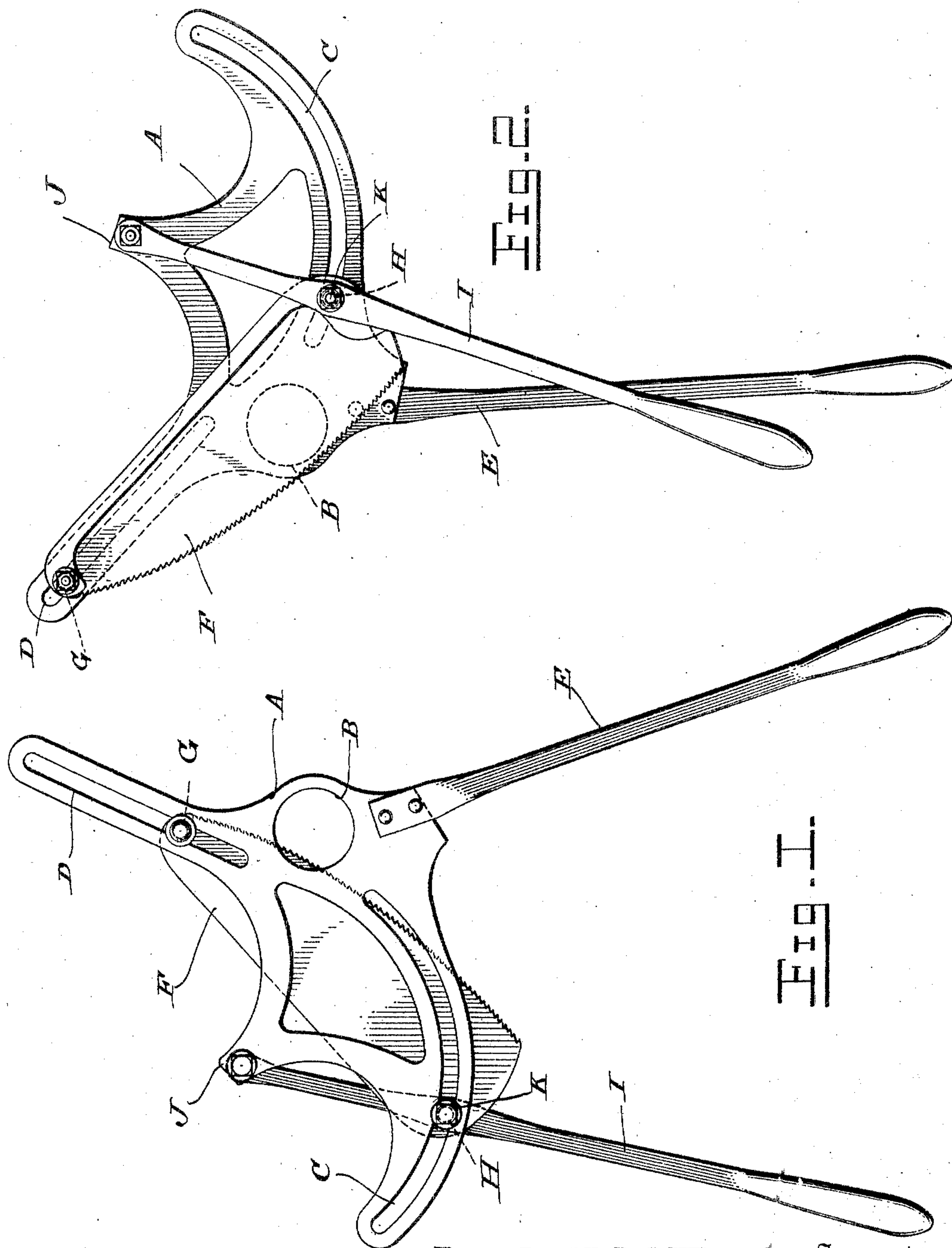


No. 777,668.

PATENTED DEC. 20, 1904.

J. H. M. FORCK.
CATTLE DEHORNING IMPLEMENT.
APPLICATION FILED JUNE 7, 1904.

NO MODEL.



Witnesses
F. E. Elden.
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UNITED STATES PATENT OFFICE.

JOSEPH H. M. FORCK, OF TAOS, MISSOURI.

CATTLE-DEHORNING IMPLEMENT.

SPECIFICATION forming part of Letters Patent No. 777,668, dated December 20, 1904.

Application filed June 7, 1904. Serial No. 211,565.

To all whom it may concern:

Be it known that I, JOSEPH H. M. FORCK, a citizen of the United States, residing at Taos, in the county of Cole and State of Missouri, have invented certain new and useful Improvements in Cattle-Dehorning Implements, of which the following is a specification.

My invention relates to devices for cutting off the horns of cattle, and has for its object the provision of a device of simple construction, easy to operate, and of reasonable cost to manufacture.

The construction and advantages of my invention will more fully appear hereinafter and by reference to the accompanying drawings, in which—

Figure 1 is a view of one side of my improved implement, and Fig. 2 a view of the reverse side.

In the drawings similar reference characters indicate corresponding parts throughout both views.

A represents a plate of irregular shape, having a circular hole B to receive the horn to be cut off and provided with a curved slot C and a straight slot D, that is substantially tangential to the hole B.

E represents a handle secured to or integral with plate A and placed adjacent to hole B.

F represents a saw-blade slidably mounted on plate A and having a roller G journaled thereon at its forward end and mounted in slot D, and another roller, H, journaled at its rear end and mounted in slot C. Saw-blade F is actuated by means of a lever I, fulcrumed on a projection J on plate A and pivotally secured to the rear end of the saw-blade by means of a bolt K. By this construction it will be apparent that when the lever I and handle E are separated, as shown in Fig. 1, the hole B is uncovered and the implement may be placed on the horn to be cut, which, as stated before, enters hole B. The lever I and handle E are then drawn together, the slot D causing the saw to pass through the horn, while the curved

slot C pushes it into the horn, and when the lever I crosses the handle E, as shown in Fig. 2, the horn will have been cut off.

Having thus described my invention, what I claim is—

1. In a dehorning implement, a plate having a hole to receive the horn, a straight slot and a curved slot, a handle on said plate, a saw-blade, rollers journaled thereon, mounted in said slots, and a lever fulcrumed on the plate and pivotally secured to the blade, substantially as shown and described.

2. In a dehorning implement, a plate having a circular hole to receive the horn, a straight slot at one side of said hole and tangential thereto, and a segmental slot on the other side of the hole and curved away therefrom, a handle on said plate adjacent to said hole, a saw-blade, a roller journaled on one end of said blade and mounted in the straight slot, a roller journaled on the other end of the blade and mounted in the curved slot, and a lever fulcrumed on the plate and pivotally secured to the end of the blade mounted in the curved slot, substantially as shown and described.

3. In a dehorning implement, a plate having a hole to receive the horn, a straight slot at one side of said hole and tangential thereto, a segmental slot on the other side of the hole and curved away therefrom, a handle secured to said plate adjacent to said hole and on the other side therefrom from the straight slot, a saw-blade having a curved cutting edge, the forward end of said blade mounted in the straight slot and the rear end in the segmental slot, and a lever fulcrumed on the plate and pivotally secured to the rear end of the blade, substantially as shown and described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOSEPH H. M. FORCK.

Witnesses:

NELSON C. BURCH,
F. W. ROER.