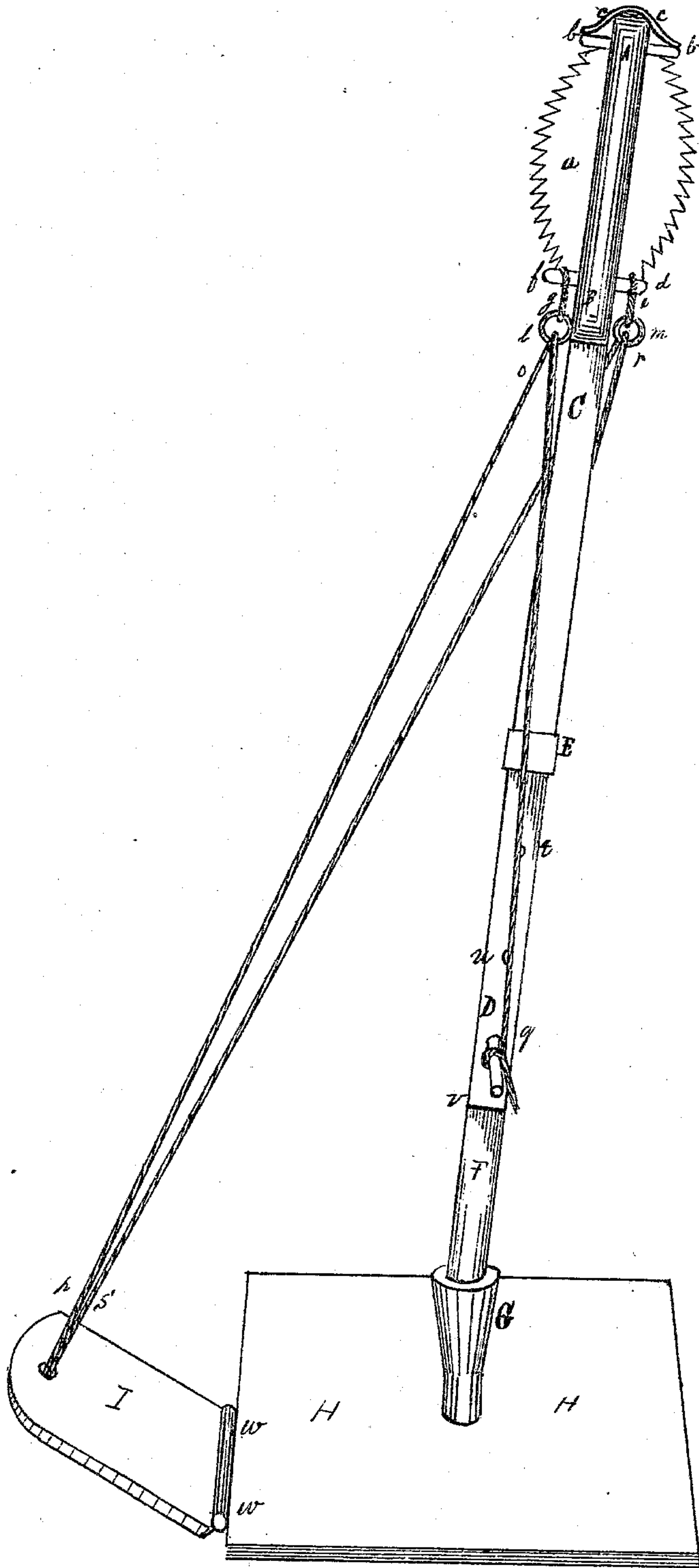


PETER EBERLE.

Improvement in Pruning-Saws.

No. 115,834.

Patented June 13, 1871.



Attest
Reed Fisher
George Rieger

Peter Eberle Inventor
by *C. E. McDonald*
his attorney in fact

UNITED STATES PATENT OFFICE.

PETER EBERLE OF FREETOWN, INDIANA.

IMPROVEMENT IN PRUNING-SAWS.

Specification forming part of Letters Patent No. 115,834, dated June 13, 1871.

To all whom it may concern:

Be it known that I, PETER EBERLE, of Freetown, in the county of Jackson and in the State of Indiana, have invented an Improved Pruning-Saw; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon.

The nature of the invention consists in the construction and use of the pruning-saw hereinafter described, said device to be made of wood, iron, steel, and ropes, or any other convenient and suitable materials.

To enable others skilled in the art to make and use my said invention, I proceed to describe it more particularly, as follows, viz:

A B of the accompanying drawing is a loop of wood, in which is placed the elliptical saw *a*. *b b* and *f d* are strips of wood fastened to each end of the saw, and arranged to work with it in the loop A B. C C is a gum spring fastened over the top of the loop A B and on the ends of the wooden strip *b b*. C D is a strong strip of wood fastened to the loop A B, and coupled to the strip F by means of the band E, so as to be adjusted as to length by means of the pin *g* and the holes *t* and *u*. G is a socket for the strip F firmly fastened to the base H. I is a treadle, fastened by the hinge

w to the base H. *e* and *g* are pieces of rope fastening the rings *l* and *m* to the wooden strip *d f*. Through these rings pass the two ropes, *o p* and *r s*, which are secured at one end to the treadle I and at the other to the pin *g*. All of these various parts are to be placed in their positions, as represented in the drawing.

To use my said device, the operator leans the edge of the saw against the limb he proposes to cut. When he presses the treadle I with his foot it will draw the saw down a little in the loop A B; as the pressure is relaxed the gum spring C C will draw the saw up again; and so a reciprocating motion is produced, which may be continued until the limb is cut off.

Any desired length may be attained by means of the adjusting-pin *g* and holes *u* and *t*.

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

The pruning-saw herein described, when constructed and used substantially as set forth.

In testimony that I claim the foregoing as mine I have hereunto set my hand this 7th day of July, 1870.

PETER EBERLE.

Witnesses:

GEO. H. ZIEGLER,
GEORGE RIEGER.