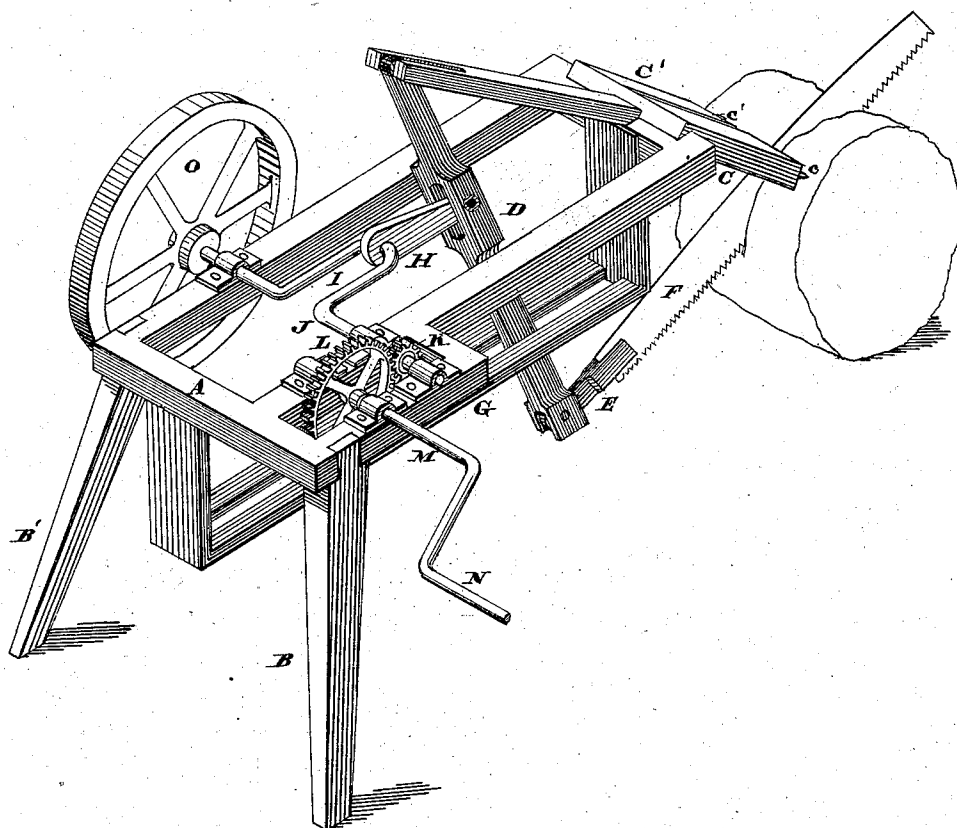


(No Model.)

F. STROBL.
Drag Saw.

No. 243,004.

Patented June 14, 1881.



Attest.
C. N. Smallwood,
S. H. Hapkins

Inventor.
Frank Strobl.
By Knight Bros.
Attys.

UNITED STATES PATENT OFFICE.

FRANK STROBL, OF NAPOLEON, INDIANA, ASSIGNOR OF ONE-HALF TO
AUGUST F. WENZEL, OF CINCINNATI, OHIO.

DRAG-SAW.

SPECIFICATION forming part of Letters Patent No. 243,004, dated June 14, 1881.

Application filed February 28, 1881. (No model.)

To all whom it may concern:

Be it known that I, FRANK STROBL, of Napoleon, Ripley county, Indiana, have invented a new and useful Hand Sawing-Machine, of which the following is a specification.

In the accompanying drawing a sawing-machine embodying my invention is represented in perspective.

A represents a wooden frame, having two legs, B B', that rest upon the ground, and two shorter legs, C C', which terminate in spurs c c', that rest upon and are firmly driven into the log.

Pivoted in the frame is a swinging arm, D, to whose lower extremity is hinged the helve E of a crosscut-saw, F. The arm D is restricted to its proper path by slotted guide G on the frame.

Pivoted to arm D, considerably nearer its point of suspension than the place of attach-

ment of the saw-helve, is a pitman, H, whose other extremity engages with a crank, I, upon a shaft, J, a pinion, K, upon which meshes with spur-wheel L upon the shaft M of a winch, N. Attached to the shaft J is fly-wheel O.

I claim as new and of my invention—

A hand sawing-machine consisting of frame A, provided with legs B B' and short legs C C', having spurs c c', the swinging arm D, saw F, coupled to the extremity of the arm, guide G, pitman H, engaging intermediate portion of the arm, crank-shaft I J, pinion K, spur-wheel L, and winch M N, the whole being combined and operating as set forth.

In testimony of which invention I hereunto set my hand.

FRANK STROBL.

Witnesses:

GEO. H. KNIGHT,
SAML. S. CARPENTER.