

W. T. HOSKINS.
Ditching-Machines.

No. 135,807.

Patented Feb. 11, 1873.

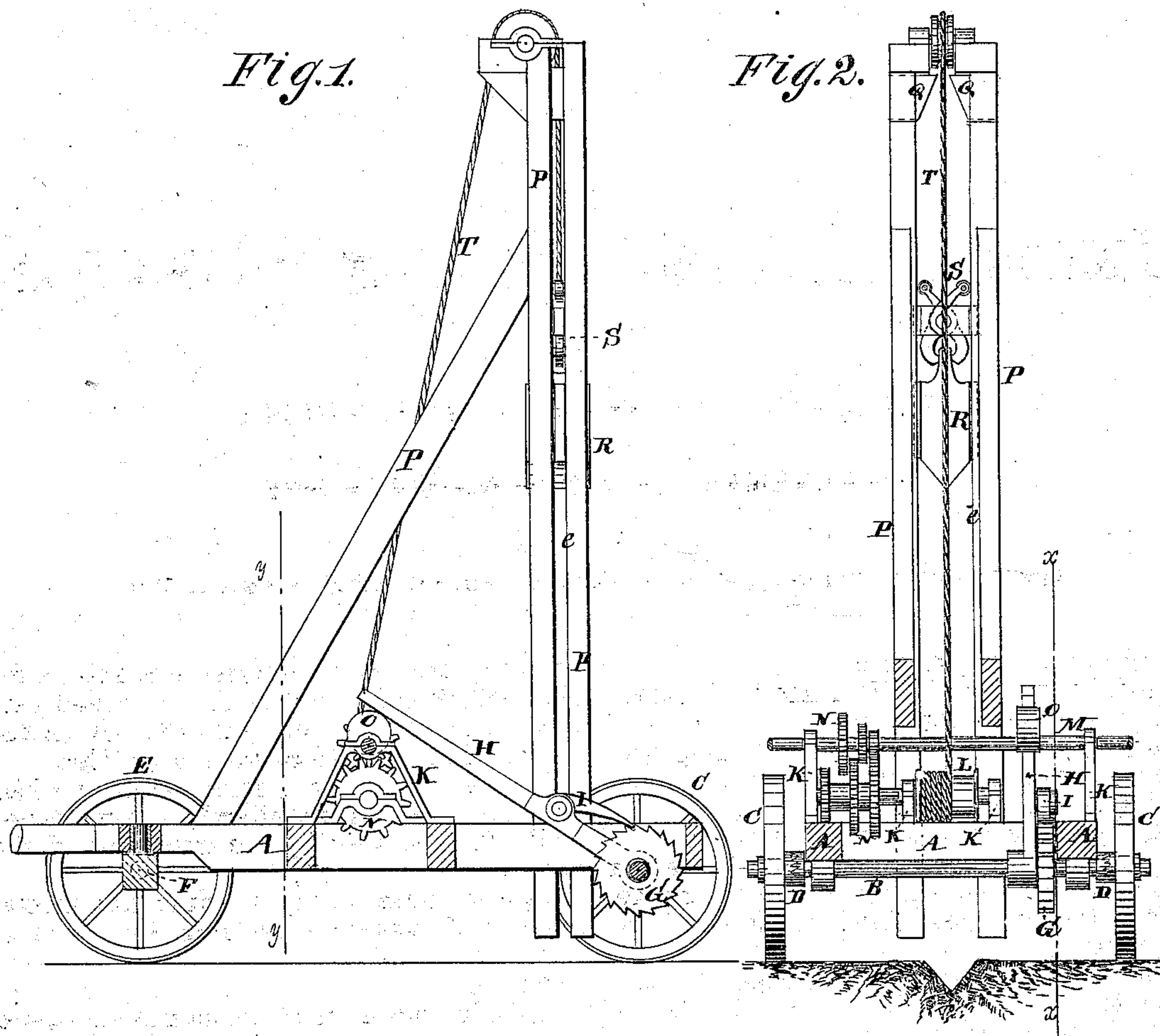
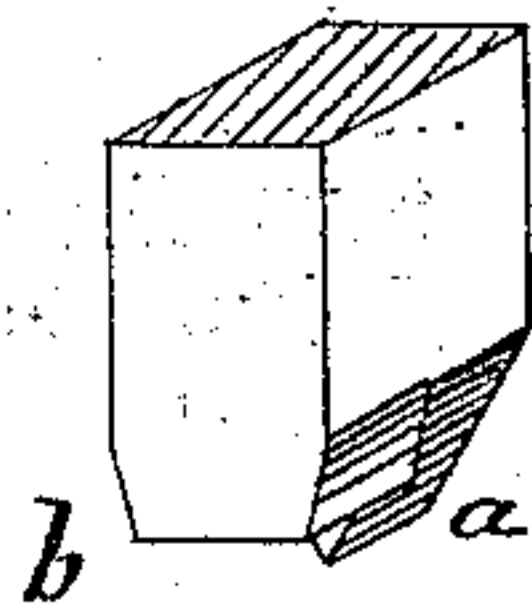


Fig. 3.



Witnesses:
G. Motters.
A. M. Tanner

Inventor:
Wm. T. Hoskins
PER *Wm. T. Hoskins*
Attorneys.

UNITED STATES PATENT OFFICE.

WILLIAM T. HOSKINS, OF LIVIA, KENTUCKY.

IMPROVEMENT IN DITCHING-MACHINES.

Specification forming part of Letters Patent No. **135,807**, dated February 11, 1873.

To all whom it may concern:

Be it known that I, WILLIAM T. HOSKINS, of Livia, in the county of Daviess and State of Kentucky, have invented a certain Improvement in Ditching-Machines, of which the following is a specification:

My invention relates to the part which forms the ditch, as the combined whole—namely, a wedge-shaped ram mounted upon a carriage, with automatic progressive movement—I do not claim.

Figure 1 is a side view of wedge, and machine for operating the same. Fig. 2 is a front view of wedge and machine.

The tapering part of the front is made longer and narrower than the rear, which is wider and truncated. The point or edge *a* forms a trench deeper and more easily than a blunt piece would do by forcing the earth laterally as well

as downward, which becomes a receptacle for the earth forced down by the truncated part *b* at next stroke of ram. *e* is the groove of the upright frame, in which the block slides.

By the earth being pressed laterally a better wall is furnished, whereby a ditch is not so liable to be filled by the crumbling of the sides.

I do not claim as my invention any special manner of mounting or progressive movement; but

I claim—

A wedge-shaped ram, elongated as at *a*, and truncated as at *b*, substantially as and for the purpose hereinbefore set forth.

WILLIAM T. HOSKINS.

Witnesses:

BEN. F. SWINDLER,
HENRY SOSH.