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HENRY H. HULL.

Clod Crusher, Pulverizer, and Road Scraper.

No. 119,361.

Patented Sep. 26, 1871.

fig. 1.

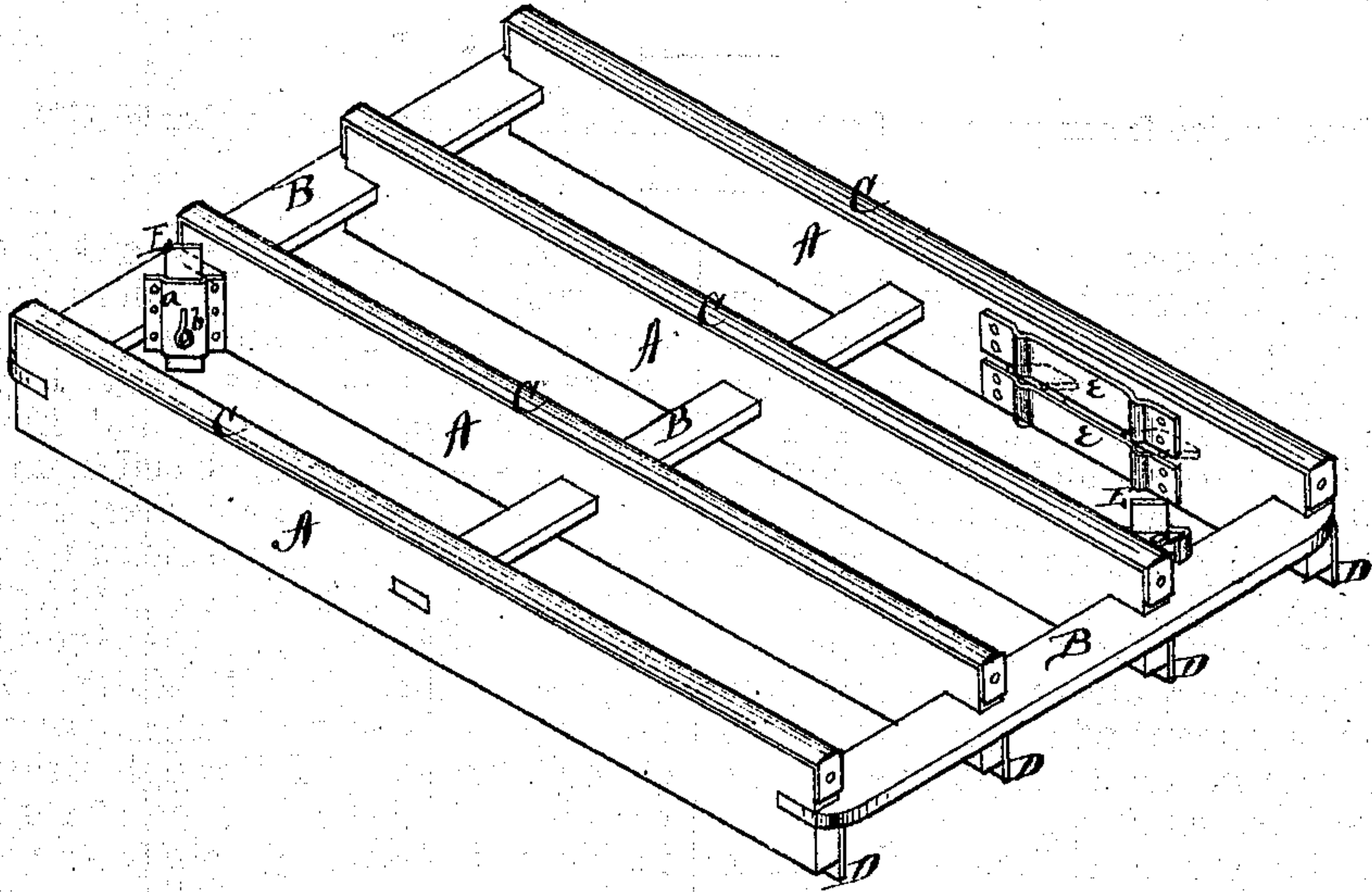
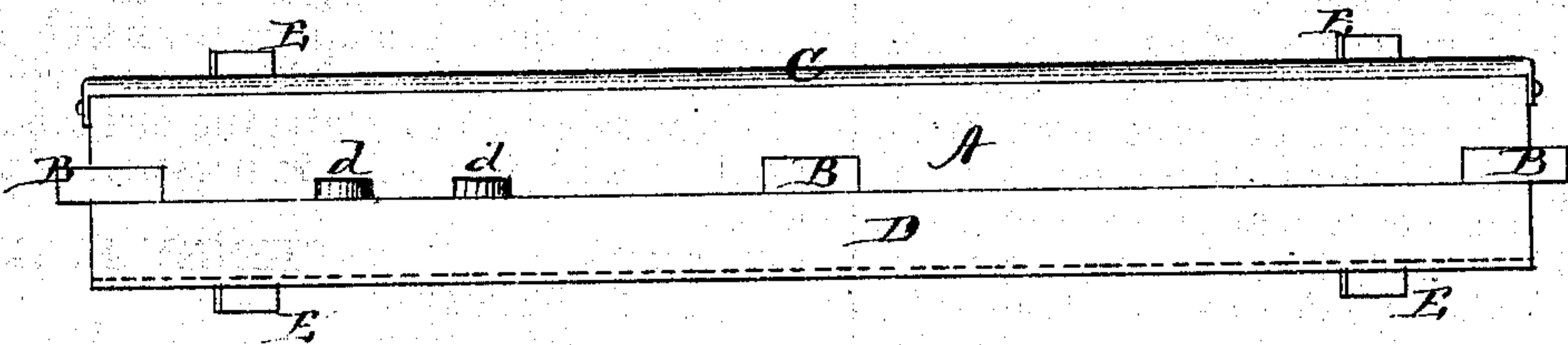


fig. 2.



Witnesses

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UNITED STATES PATENT OFFICE.

HENRY H. HULL, OF BERGEN, NEW YORK.

IMPROVEMENT IN CLOD-BREAKING-AND-PULVERIZING MACHINES.

Specification forming part of Letters Patent No. 119,361, dated September 26, 1871.

To all whom it may concern:

Be it known that I, HENRY H. HULL, of Bergen, in the county of Genesee and State of New York, have invented certain new and useful Improvements in Clod-Breaking-and-Pulverizing Machines; 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 which form part of this specification.

The nature of my invention consists in the construction and arrangement of a combined clod-crusher, pulverizer, and road-scraper, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a perspective view, and Fig. 2 a side elevation of my machine.

A A represent four beams, of suitable dimensions, placed parallel with each other and connected together by means of three bars, B B, passing through said beams. Upon one side, or rather edge, of each beam is attached a rounded iron bar, C, while from the other edge project steel plates D. The rounded bars C C are to be used down after plowing to level and pulverize

the ground. And the plates D D are used down for pulverizing, leveling, and filling up the dead furrows, cutting up and destroying all grass and weeds preparatory to sowing, and for scraping and preparing turnpikes and highways. E E represent two guides, placed in triangular pieces of wood *a a*, cased with sheet-iron or other suitable material, so that said guides (or rudders) may be pressed down to guide the machine, or drawn up at pleasure. They are confined by pins *b b* passing through the casings. Through one of the outside beams A, near one end, are two inclined mortises, *d d*, through either one of which the clevis is to be inserted and fastened on the inside of the beam by a pin passing down through sockets *e* attached on the inner side of said beam.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The beams A A, constructed with rounded surfaces C C, and provided with the projecting plates D D, thus forming a reversible scraper and pulverizer, substantially as set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

Witnesses:

A. P. HASCALL,
M. H. HASCALL.

HENRY H. HULL.