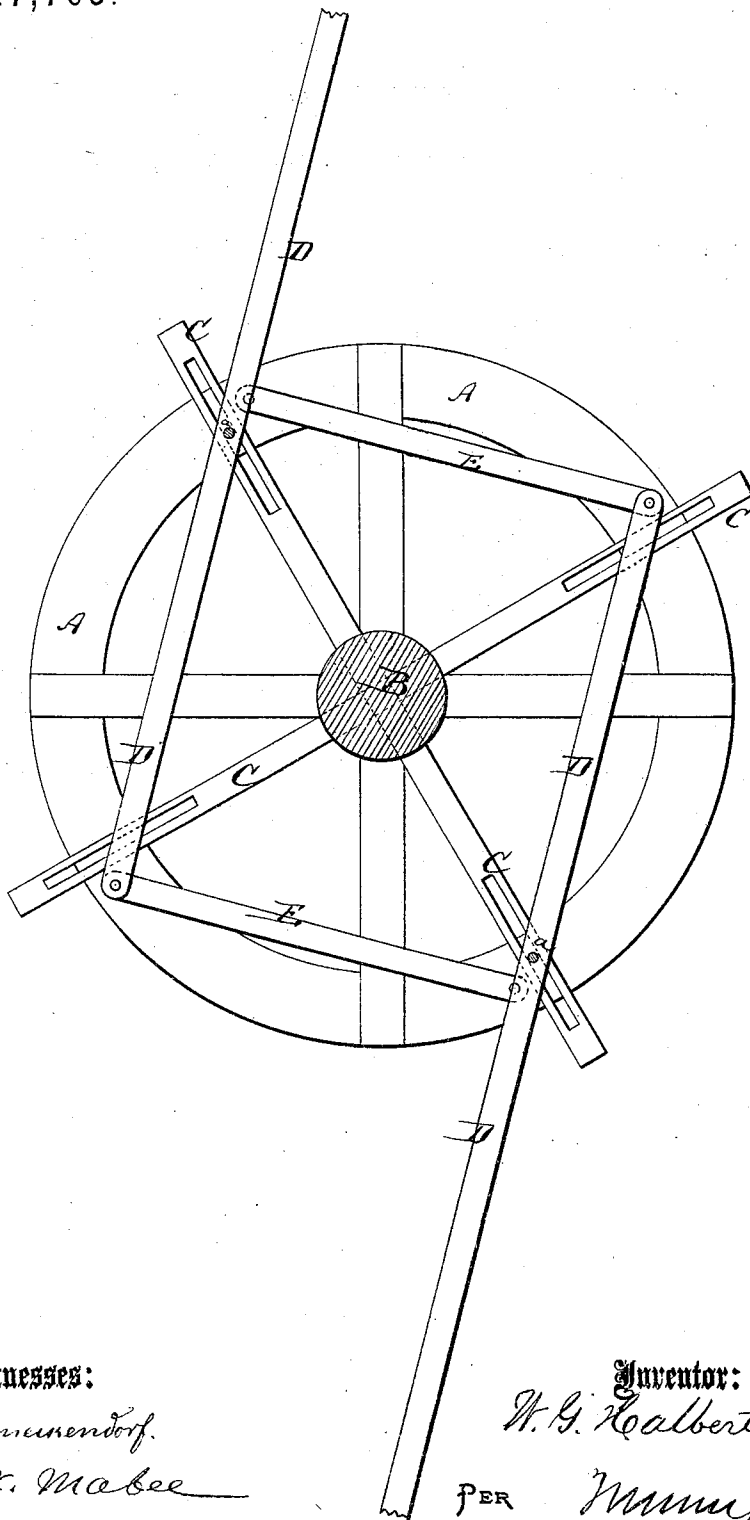


WILLIAM G. HALBERT.
Improvement in Horse-Power.

No., 127,763.

Patented June 11, 1872.



Witnesses:

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UNITED STATES PATENT OFFICE.

WILLIAM G. HALBERT, OF COLUMBUS, MISSISSIPPI.

IMPROVEMENT IN HORSE-POWERS.

Specification forming part of Letters Patent No. 127,763, dated June 11, 1872.

Specification describing a new and Improved Horse-Power, invented by WILLIAM G. HALBERT, of Columbus, in the county of Lowndes and State of Mississippi.

The drawing represents an inverted plan view of my new horse-power.

This invention is an improvement in horse-powers; and consists in the construction and arrangement of parts hereinafter described.

A in the drawing represents the main wheel of a horse-power, provided with cogs on its upper face or edge and mounted upon a shaft, B, which has its bearings in the frame-work of the apparatus. Some distance below the wheel A are fitted, through the shaft B, two radial beams, C C, each somewhat longer than the diameter of the wheel, and both slotted at both ends. D D are the draft-beams or levers, to the outer ends of which the horses are hitched. The inner end of each beam D is, by an inclined brace, E, connected with the under side of the wheel A, while near its mid-

dle it is, by a pin or bolt, *a*, connected with the end of one of the beams C, as shown. The pin *a* can play in the slot of C. The four ends of the two beams C may in this manner be connected with as many draft-beams or levers.

By this arrangement I contend that considerable leverage is obtained, the power increased and equalized, and the machine consequently made more valuable than it would have been without the improvement.

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

The draft-levers D D, pivoted to each other, and provided with pins *a*, working in longitudinal slots of beams C, in combination with the shaft B and wheel A, as specified.

W. G. HALBERT.

Witnesses:

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