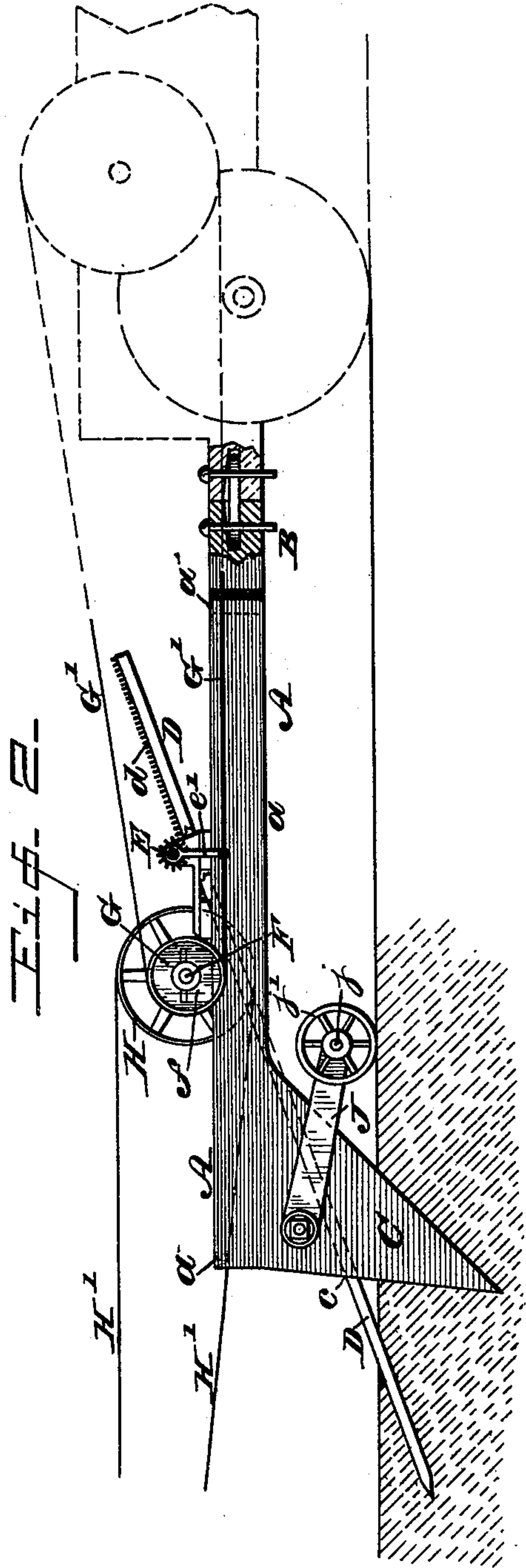
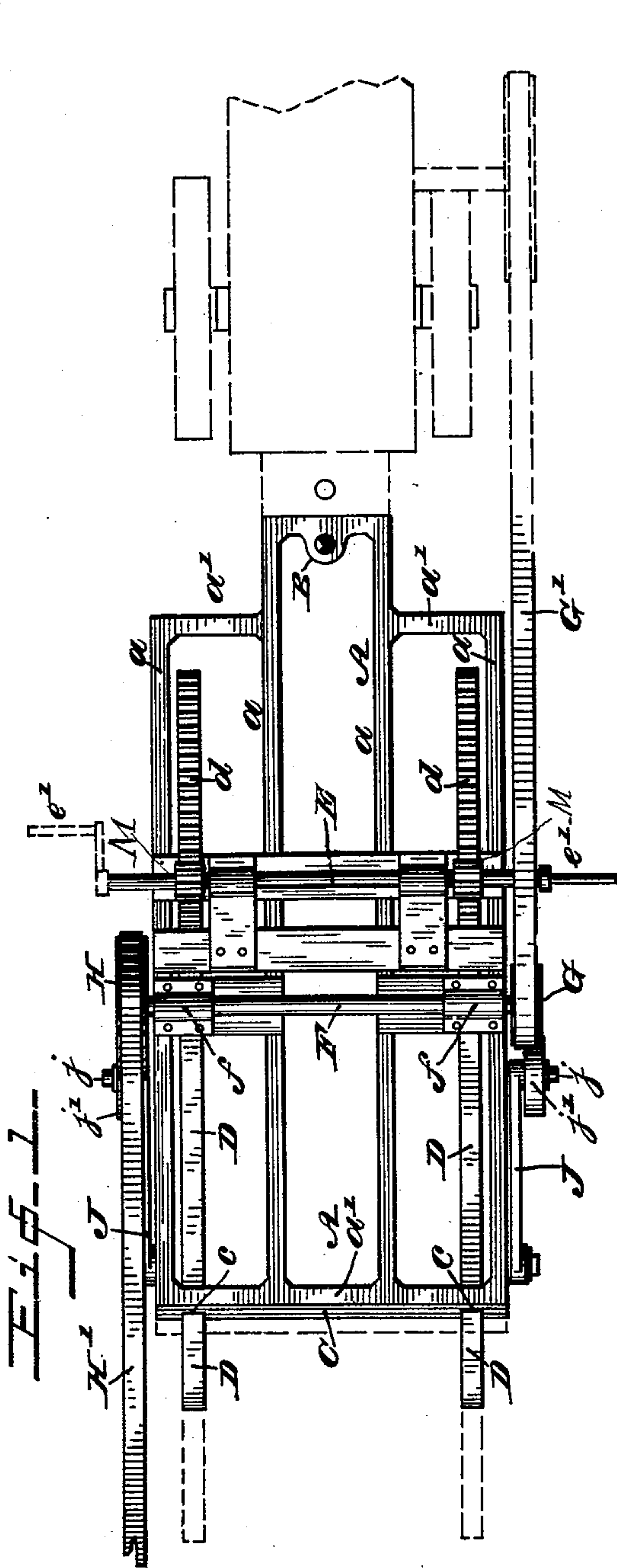


(No Model.)

J. C. WHITE.
ANCHORING DEVICE FOR PORTABLE MACHINES.

No. 403,811.

Patented May 21 1889.



WITNESSES

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JOHN CLAUDE WHITE, OF SWATARA, PENNSYLVANIA.

ANCHORING DEVICE FOR PORTABLE MACHINES.

SPECIFICATION forming part of Letters Patent No. 403,811, dated May 21, 1889.

Application filed July 28, 1888. Serial No. 281,333. (No model.)

To all whom it may concern:

Be it known that I, JOHN CLAUDE WHITE, a citizen of the United States, residing at Swatara, in the county of Schuylkill, State of Pennsylvania, have invented a new and useful Improvement in Anchoring Devices for Portable Machines or Engines, which improvement is fully set forth in the following specification and accompanying drawings.

My invention relates to devices for securing in a fixed position a portable machine or engine for hoisting or other purposes; and it consists in an anchoring device whereby said portable machine is securely anchored or fastened, so as to be reliably secured.

It also consists of devices, as described and claimed, whereby power is transmitted from said portable machine to attachments of the anchoring device.

It further consists of the combination of parts, as herein described and claimed.

Figure 1 represents a top plan view of the machine embodying my invention. Fig. 2 represents a side elevation thereof.

Similar letters of reference indicate corresponding parts in the two figures.

Referring to the drawings, A designates the frame of my machine, composed of the four beams *a*, arranged parallel to each other, and connected together at the front and rear ends by transverse beams or bars *a'*. To the front end of the frame is a coupling, B, for attaching the device to the portable machine, and to the rear end of the frame is secured an anchor, C, adapted to enter the ground, and this anchor is provided with openings *c*.

D designates stay bars or rods, which pass through the openings *c* in the anchor at an incline, and also through the frame; and these rods have racks *d* formed thereon, adapted to be engaged by the gear-wheel M on the shaft E, having a crank, *e'*. The purpose of these rods D is to enter the ground and form additional means for bracing the machine, and the racks thereon engaging the gear-wheel are to enable the brace-rods

either to be easily removed from or driven in the ground.

Journalled in boxes *f* in the frame A is a shaft, F, having thereon the band-pulleys G and H. Over the pulley G passes the band G', connected with a pulley on a rotary shaft of the portable machine, so as to transmit power therefrom to said pulley G, and over the pulley H passes a band, H', for transmitting power for any suitable purpose, as will be readily understood.

In order to be enabled to easily move the machine from place to place, the arms J are attached to the anchor at their upper ends, and in their lower ends is journalled the axle *j*, carrying the wheels *j'*.

The operation is as follows: When it is desired to anchor the portable machine to which the device is attached by the coupling B, the anchor C and the rods D are driven into the ground, the rods D being operated by turning the crank *e'*, and thus the gear-wheels M, working the racks and rods. The band G' transmits power from a rotary shaft of the portable machine, by means of a pulley thereon, to the pulley G on the shaft F, and the pulley H with its band H' transmit power, as desired.

When it is desired to move the portable machine to a different location, it may either be detached from the device at the coupling B, or it may be moved in connection with the anchoring device by raising the rods and anchor and bringing the wheels *j'*, by means of the arms J, so that the anchor will not engage or be in contact with the ground.

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

1. The frame A, with anchor C, having the diagonal opening *c*, the rods D, having racks on their upper ends and passing through the opening *c*, the rotary shaft E, having thereon the gear-wheels M, engaging said racks, said parts *b* being combined substantially as described.

2. The frame A, with anchor C, having the

arms J, secured at their upper ends to said anchor, and having at their lower ends the shaft *j*, with wheels *j'* thereon, said parts being combined substantially as and for the purpose set forth.

3. A frame and anchor at one end thereof, a shaft journaled in said frame and having the pulleys G and H thereon, a portable machine coupled to said frame at end opposite

said anchor and having a rotary shaft with a pulley thereon, said pulley being connected with said pulley G by band G', said parts being combined substantially as and for the purpose set forth.

JOHN CLAUDE WHITE.

Witnesses:

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