

Frazeur & Ginter

Stump Puller

Nº 93,192.

Patented Aug. 3, 1869.

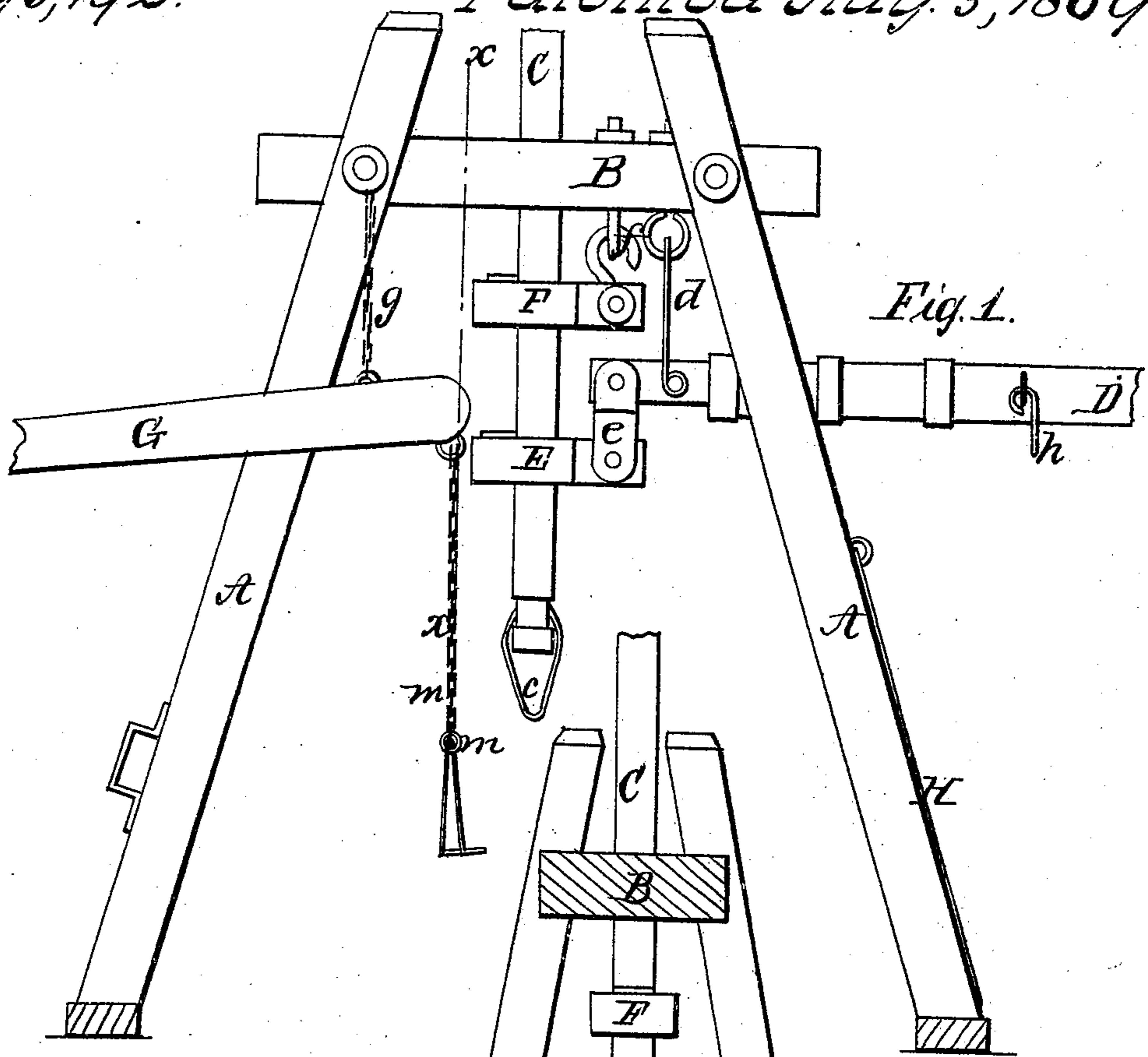
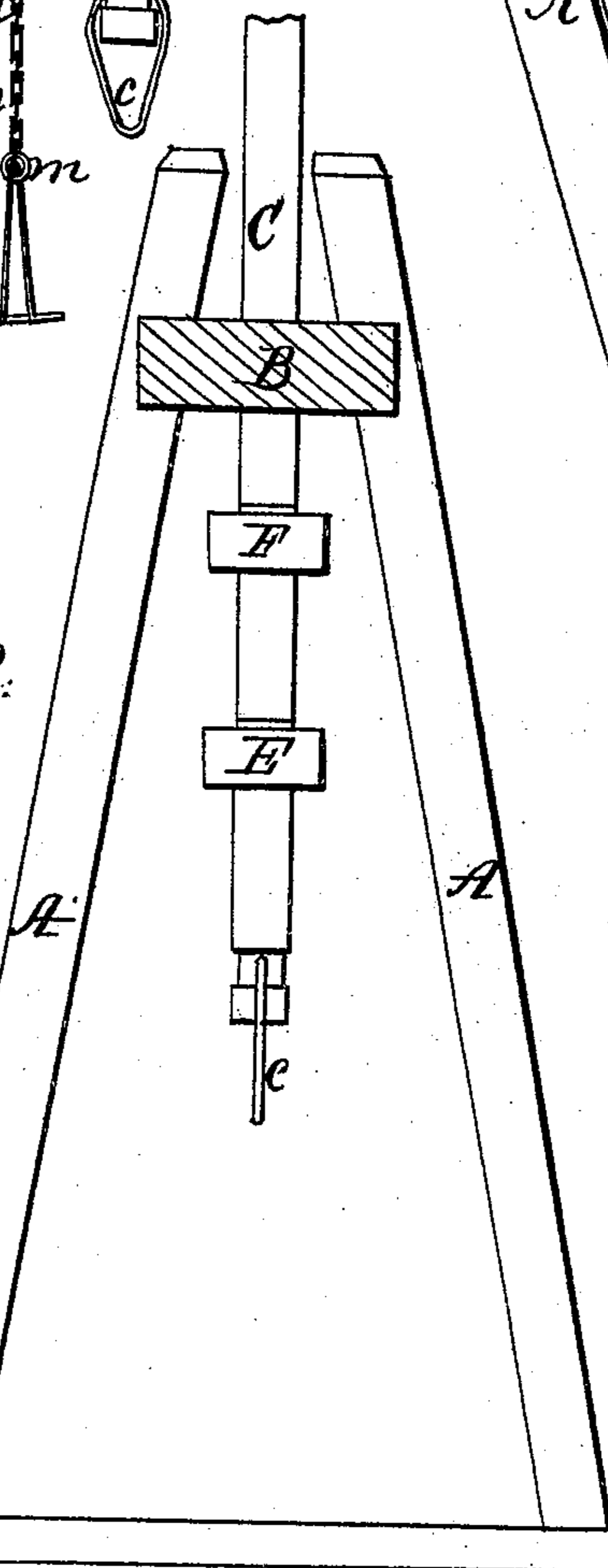


Fig. 2.



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by *[Signature]* Attorneys*

United States Patent Office.

DAVID C. FRAZEUR AND PETER GINTER, OF SIDDONSBURG, PENNSYLVANIA.

Letters Patent No. 93,192, dated August 3, 1869.

IMPROVED STUMP-EXTRACTOR.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that we, DAVID C. FRAZEUR and PETER GINTER, of Siddonsburg, in the county of York, and State of Pennsylvania, have invented a new and improved Stump-Puller; and we do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a side view.

Figure 2 is a vertical section through line *xx* of fig. 1.

The object of this invention is to provide for public use a simple, convenient, and effective apparatus for pulling stumps.

In the drawings—

A A are the legs;

B, the platform; and

C, a vertical rod or beam, sliding up and down through a slot at the centre of the platform, and operating to lift the stump, which is attached to its lower end by means of the link *c*, and suitable chains or hooks.

D is a lever, pivoted to the under side of the platform by a link, *d*, and united by another link, *e*, to a block, E, through which the beam C extends, as shown.

The beam fits rather loosely in the hole through the block, and, as the latter is lifted by purchase applied at its extremity, it clamps against the beam and lifts it with great power.

F is a block similar in shape, arrangement, and operation to the block E, except that instead of being

attached to a lever, and being movable, it is hung from the under side of the platform, above the lever, by a link, *f*, and its function is that of a stop to prevent the beam from slipping down while the lever is depressing the clamp E for another hold.

G is a lever, suspended by a chain, *g*, from or near one of the rear legs or posts, and provided with grappling-chains *m m*, its purpose being to swing the stump out from under the frame when it has been extracted from the ground.

H is a hook, and *h* an eye, which may be connected, forming a stop to prevent the long arm of lever D from being raised too far by the weight of the stump, or to enable the stump to be suspended for a time from the end of the lever without the use of stop F.

Having thus described our invention,

What we claim as new, and desire to secure by Letters Patent, is—

The combination and arrangement of the posts A, platform B, sliding beam C, lever D, blocks E F, links *e f*, lever G, and chains *g m*, all constructed and adapted to operate together, substantially in the manner and for the purposes herein set forth.

To the above specification of our improvement, we have set our hands, this 21st day of May, 1869.

DAVID C. FRAZEUR.

Witnesses:

WM. K. BURNS,

PETER V. GARDNER.

PETER GINTER.

Witnesses:

HENRY H. STAUFFER,

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