

G. H. Lamb,

Pump.

No. 111,219.

Patented Jan. 24. 1871.

Fig. 1

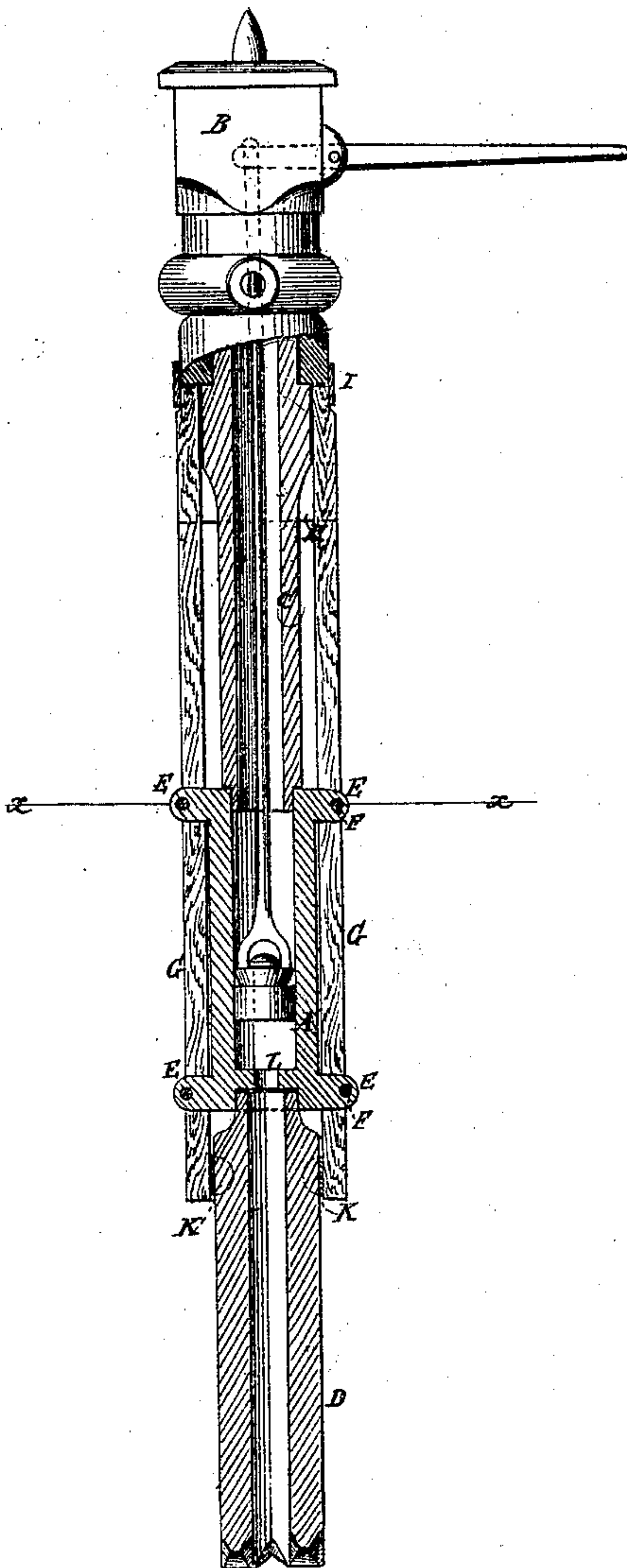
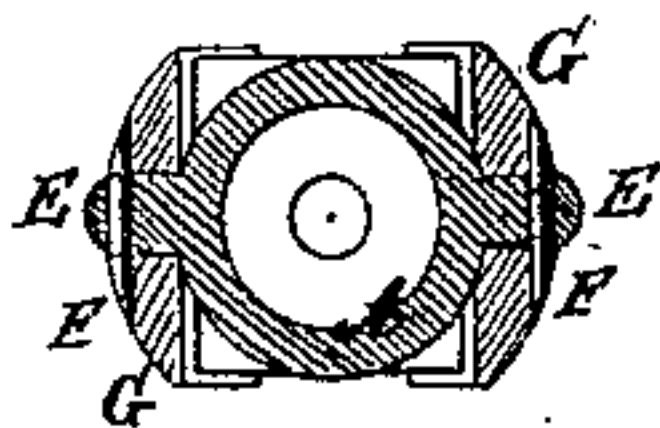


Fig. 2



Witnesses:

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GEORGE H. LAUB, OF WEST LEBANON, INDIANA.

Letters Patent No. 111,219, dated January 24, 1871.

IMPROVEMENT IN PUMPS.

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

To all whom it may concern:

Be it known that I, GEORGE H. LAUB, of West Lebanon, in the county of Warren and State of Indiana, have invented a new and useful Improvement in Pumps; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

This invention relates to an improved manner of attaching metal barrels for the valves to work into wooden pipes, for detaching and removing the barrels when required for cleaning or repairs, as hereinafter described.

Figure 1 is a sectional elevation of my improved pump, and

Figure 2 is a cross-section of the same.

Similar letters of reference indicate corresponding parts.

- A is the metal barrel;
- B, the top of the stock;
- C, the upper section of wood pipe; and
- D, the lower section.

The barrel has lugs E projecting radially from the ends on two opposite sides, which have key-holes F through them.

These lugs are passed through holes in the wood-clamping bars G, and the said bars, after being engaged with the stock B and the lower pipe D, are keyed up snugly against the sides of the barrel A.

They are nailed or otherwise fastened at the top

to the short pieces H, which, together with the said upper ends, form the base or seat for the top B, which sits on the top and has a hoop or band, I, projecting from it so as to receive the said upper ends.

The lower ends have lugs K, which are pressed into sockets formed for them in the upper end of the wood section D.

The top of section D is fitted to enter the lower end of the barrel A, which has a collar, L, to rest on the top of said section.

The part C of the wood pipe is designed to be permanently attached to the top B, and the lower end enters the top of the barrel.

This construction affords a simple means for readily detaching the barrel when it may be required to have access to it, which is done by first lifting the top and section C off, then releasing the bars G by driving out the keys and disengaging the lugs K from section D, when the barrel may be raised out of the well.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

The combination of the barrel A, bars G, wood pipes C D, top B, band I, lugs E K, and keys, all substantially as specified.

The above specification of my invention signed by me this 24th day of October, 1870.

GEORGE H. LAUB.

Witnesses:

JAMES P. TUTTLE,
WILLIS SHEPHERD.