

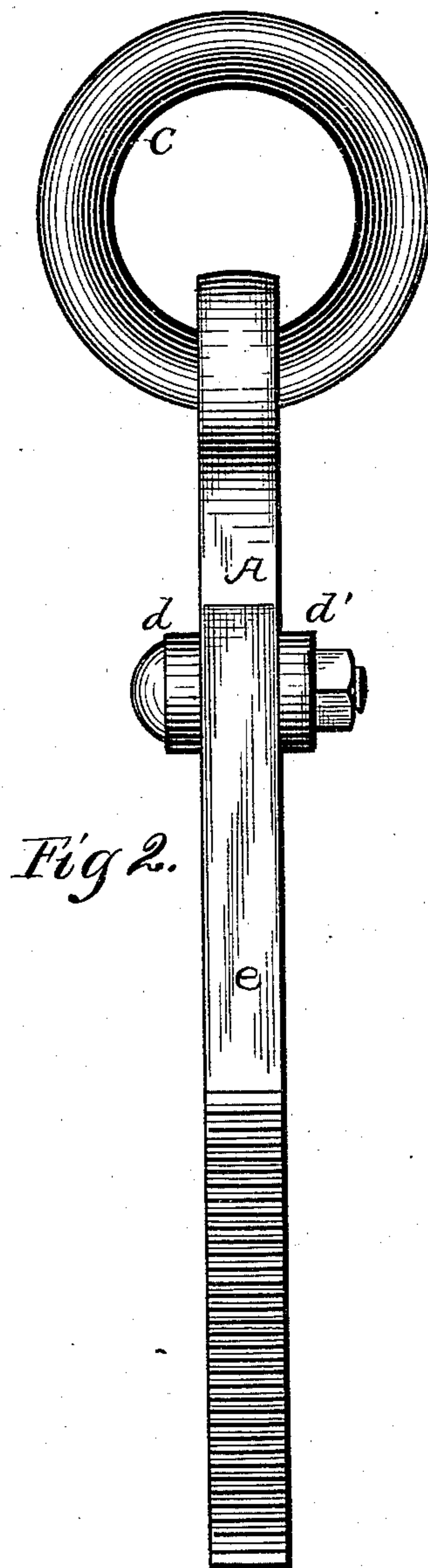
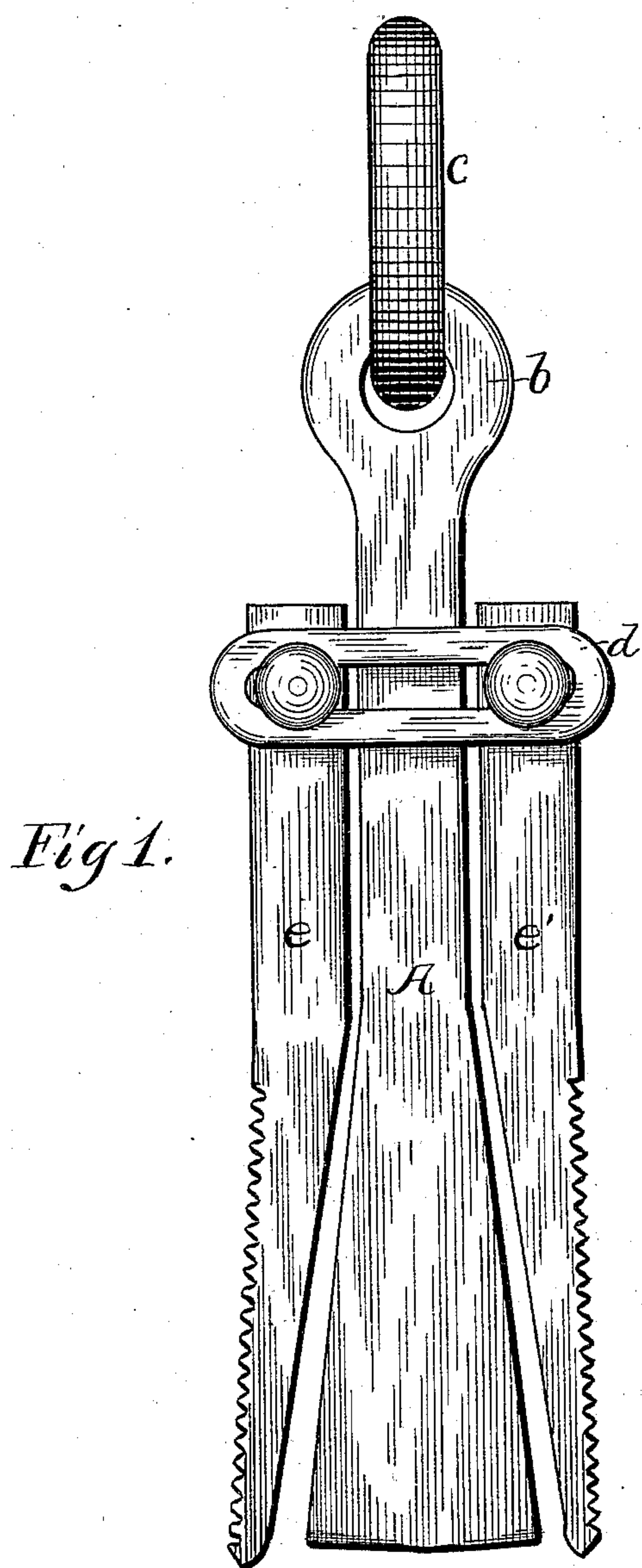
(No Model.)

T. HEATHCOTE.

STONE LIFTER.

No. 314,243.

Patented Mar. 24, 1885.



Witnesses:
H. E. Harrison.
Josiah W. Ellis

Inventor.
Thomas Heathcote
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UNITED STATES PATENT OFFICE.

THOMAS HEATHCOTE, OF ALLEGHENY CITY, PENNSYLVANIA.

STONE-LIFTER.

SPECIFICATION forming part of Letters Patent No. 314,243, dated March 24, 1885.

Application filed October 18, 1884. (No mod. 1.)

To all whom it may concern:

Be it known that I, THOMAS HEATHCOTE, a citizen of the United States, residing at Allegheny City, in the county of Allegheny and State of Pennsylvania, have made an Improvement in Lewis Tools; and I do hereby declare the following to be a correct description of the same, reference being had to the drawings hereto annexed.

Figure 1 is a front view of my improved stone-lifter. Fig. 2 is a side elevation of the same.

Referring to the drawings, *a* is a cone-shaped plug, provided at one end with a suitable eye, *b*, in which is placed an ordinary ring, *c*, to which power is applied when the lifter is in use. On each side of the cone-shaped plug *a*, and connected together by means of slotted links *d d'*, are two ribbed feathers, *e e'*, constructed so as to fit closely against the sides of the cone-shaped plug *a*. The slotted links *d d'* are intended to hold the feathers *e*

e' by means of suitable bolts, as shown in Fig. 1 of the drawings.

It will be apparent that when the lifter, as shown, with the feathers *e e'* in proper position, is placed in an oblong hole, and power is applied by means of the ring *c* to the plug *a*, the plug *a* will be forced upwardly, forcing the ribbed feathers outwardly and against the sides of the oblong hole.

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

The herein-described stone-lifter, consisting of the cone-shaped plug *a*, with the ring *c*, and slotted links *d d'*, with the ribbed feathers *e e'*, as shown and described, and for the purposes intended.

THOMAS HEATHCOTE.

Witnesses:

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