

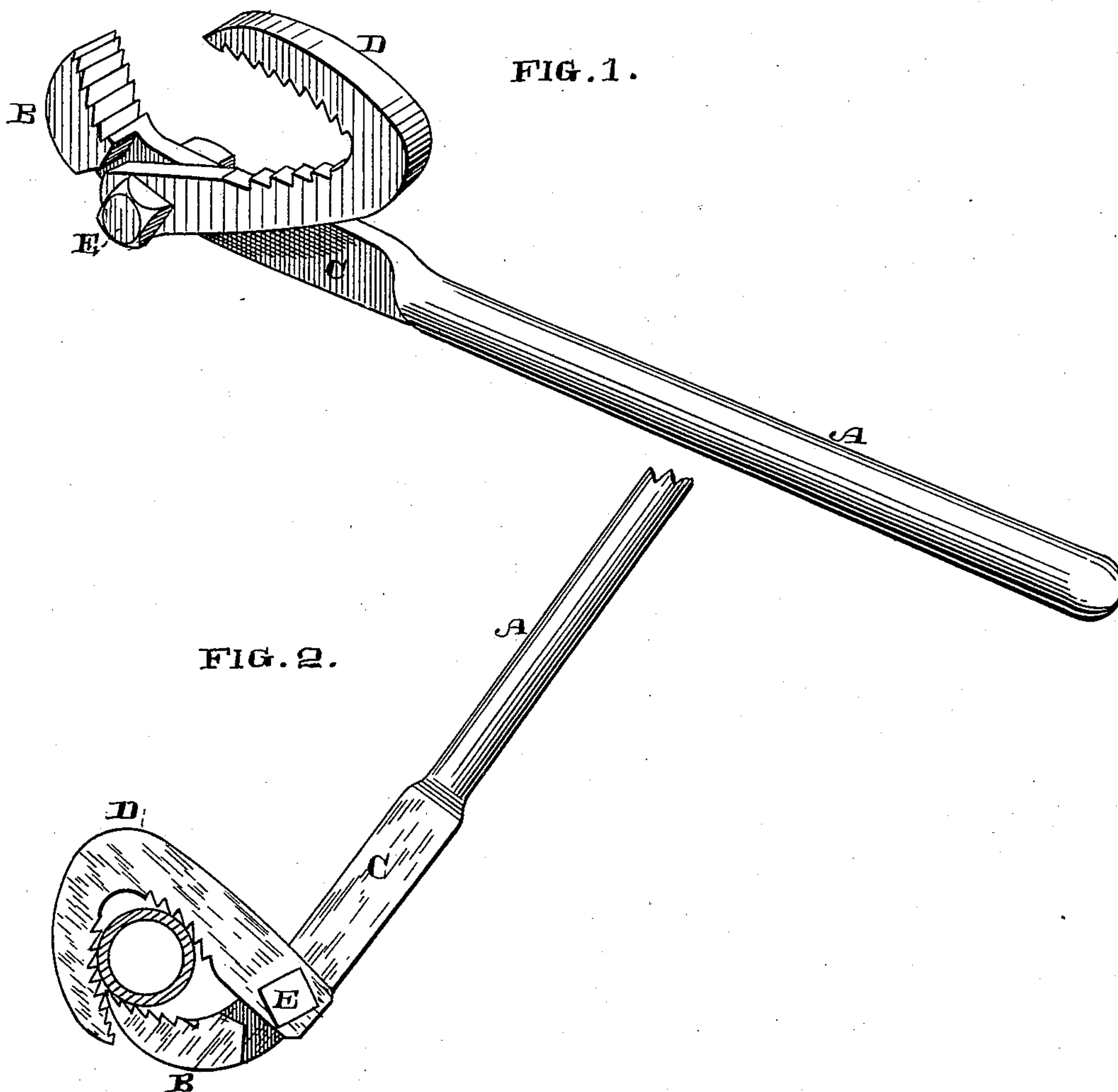
(No Model.)

G. B. KOONS.

PIPE TONGS.

No. 321,038.

Patented June 30, 1885.



Witnesses,
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UNITED STATES PATENT OFFICE.

GEORGE B. KOONS, OF HALFMOON BAY, CALIFORNIA.

PIPE-TONGS.

SPECIFICATION forming part of Letters Patent No. 321,038, dated June 30, 1885.

Application filed March 16, 1885. (No model.)

To all whom it may concern:

Be it known that I, GEORGE B. KOONS, of Halfmoon Bay, San Mateo county, State of California, have invented an Improvement in
5 Pipe-Tongs; and I hereby declare the following to be a full, clear, and exact description of the same.

My invention relates to an improved pipe-tongs. It consists of a lever-bar having the
10 outer end slightly curved beyond the fulcrum-pin, which passes through it, a hook-shaped jaw hinged to the fulcrum-pin so that its ends will pass by and overlap the curved end or
15 jaw of the lever to which it is hinged, the interior of both the shaft and the movable jaw being corrugated or toothed, so that they will hold the pipe.

Referring to the accompanying drawings for a more complete explanation of my invention,
20 Figure 1 is a view of my device showing the jaws open. Fig. 2 shows the jaws closed upon a pipe or tube.

A is a handle or lever of sufficient length, having the opposite end curved to one side,
25 as shown at B. This lever is flattened at C, and the hook-shaped jaw D is pivoted or fulcrumed to this flat portion of the lever by a bolt, E. The portion B, forming the jaw upon the main lever, is made of such thickness that
30 it extends outward, so as to stand opposite the jaw D upon the side, where it is bolted to the lever, and the opposite hinged jaw, D, in like manner extends over the side of the

portion C, to which it is fulcrumed, so as to give considerable thickness and bring the two
35 jaws opposite to each other. The jaw D is made of such a length and bent to such an angle that its outer end will just pass the point of the jaw B when the two are closed together, and by this construction the two jaws will take
40 in pipes having a considerable difference in diameter. The interior of both jaws is toothed or corrugated, so as to take hold of the pipe, and it will be seen from the peculiar shape of the jaw B that the pressure will be applied
45 to three sides of the pipe or bolt upon which the device is to act. This enables me to apply a very strong power without danger of indenting or crushing the pipe.

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

In a pipe-tongs, a lever-arm having its outer end curved to form a hooked jaw having a
55 concave gripping-surface, in combination with a hinged movable hook-shaped jaw pivoted to the lever and having its toothed portion overlapping the lever so as to stand opposite the fixed jaw, substantially as herein described.

In witness whereof I have hereunto set my
60 hand.

GEORGE B. KOONS.

Witnesses:

W. NELSON,
JACOB RESENBLUM.