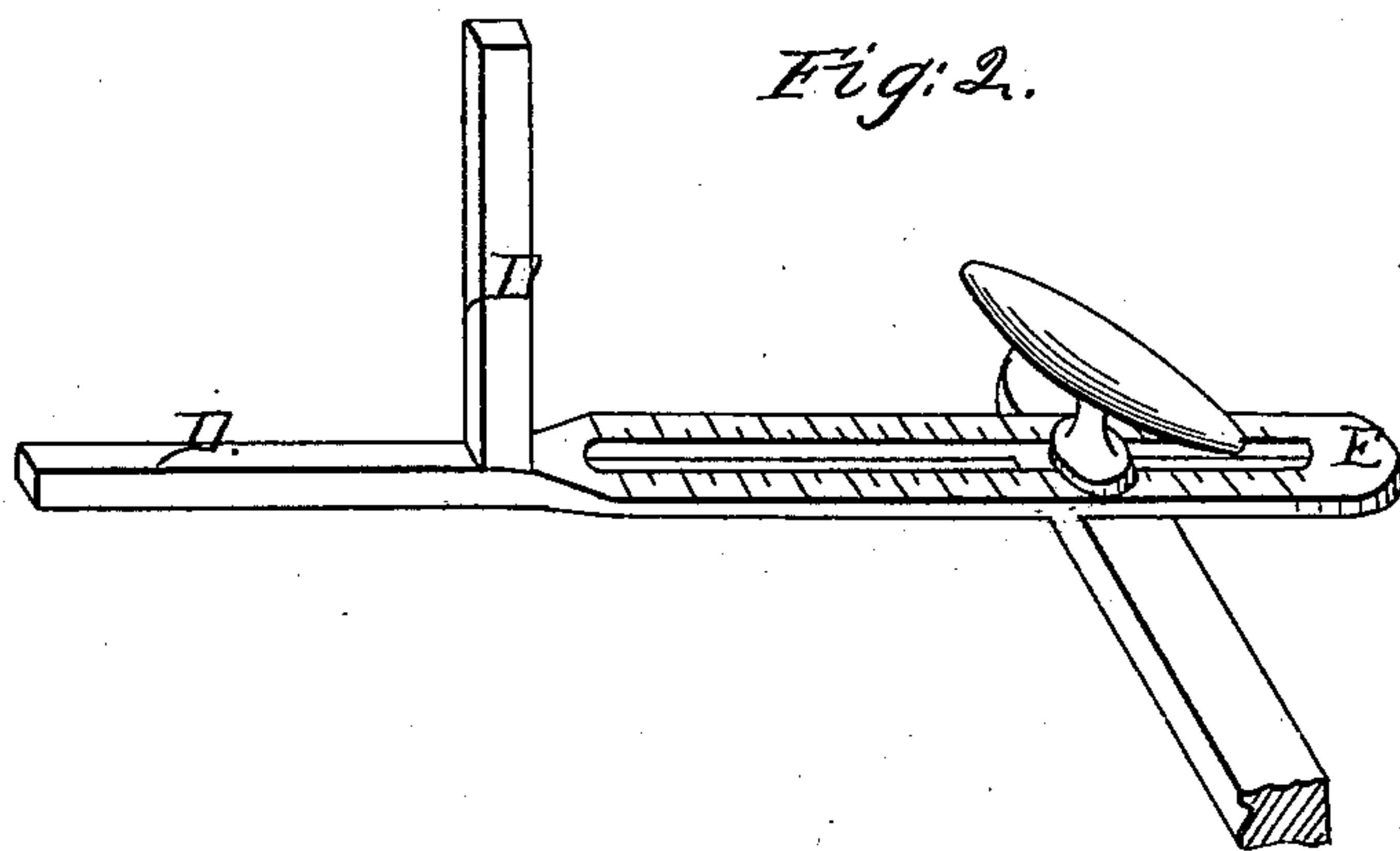
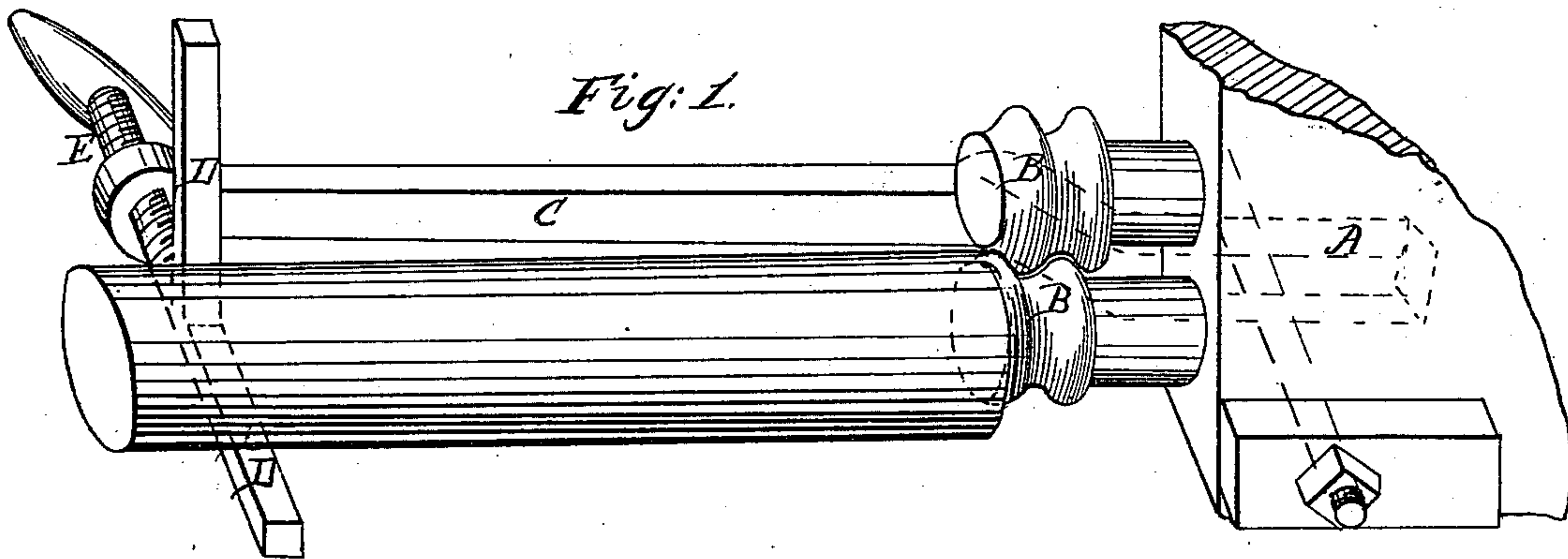


J. N. ADAMS.
MACHINE FOR JOINTING STOVEPIPES.

No. 61,791.

Patented Feb. 5, 1867.



Witnesses.

*Jas L. Esmer
 Chas. A. Pettit.*

Inventor.

J. N. Adams

*By Munnely
 Attorney*

United States Patent Office.

J. N. ADAMS, OF BLOOMFIELD IOWA.

Letters Patent No. 61,791, dated February 5, 1867.

IMPROVED MACHINE FOR JOINTING STOVE PIPE.

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, J. N. ADAMS, of Bloomfield, in the county of Davis, and State of Iowa, have made a new and useful Improvement in Machines for Jointing Stove Pipe; and I do hereby declare the following to be a full, clear, and exact description of the nature, construction, and operation of the same sufficient to enable one skilled in the art to which it appertains to construct and use the same, reference being had to the accompanying drawing, which is made part of this specification, and—

Figure 1 of which is a perspective view of my invention.

Figure 2 is a perspective view of a modification of the adjustable holder.

The improvement consists in a device for attachment to a swaging machine to hold the section of stove pipe while the end is being swaged into the form of a screw to be attached to another section or portion similarly furnished at the end by being screwed therein or thereto. The device consists of an arm to be attached at one end to the swaging machine, the other end projecting beyond the swage-rollers to support the section of stove pipe in such position that the end being presented obliquely to the rollers will have a thread impressed upon it instead of a circular groove and rib.

In the drawings, A is the end which is bolted to the swage; B are the rolls of the swage; C the projecting arm, and D the support upon, and against which the stove pipe lies, the angle of its presentation to the swage-rollers being regulated by the screw E, or by the equivalent slotted rod and thumb-screw, fig. 2. It will be seen that if the supporting device be so adjusted as to hold the pipe parallel with the axis of the rollers that a circular groove and rib will be impressed upon the pipe in a plane at right angles to the axis of the pipe, but if by means of the screw or slotted arm the supporting angle be adjusted to one side, the pipe will rotate between the swage-rolls obliquely to their axes, and the groove and rib be impressed upon them in a screw form. A certain degree of correspondence is necessary between the ends of the pipes which are to be thus united, and the means are afforded by the capacity for adjustment for so regulating the pitch as to make one screw the counterpart of another, which could not be so readily and correctly accomplished by merely holding the pipe in the hand in a position obliquely to the axis of the swage-rolls.

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

The combination, with the projecting arm C, of the adjustable holder D E, substantially as and for the purpose described.

J. N. ADAMS.

Witnesses:

SAM'L A. DYSORT,

E. W. TALLORP.