

J. F. SPITT.
 TOOL FOR CUTTING PIPE AND THE LIKE.
 APPLICATION FILED MAR. 11, 1908.

898,697.

Patented Sept. 15, 1908.

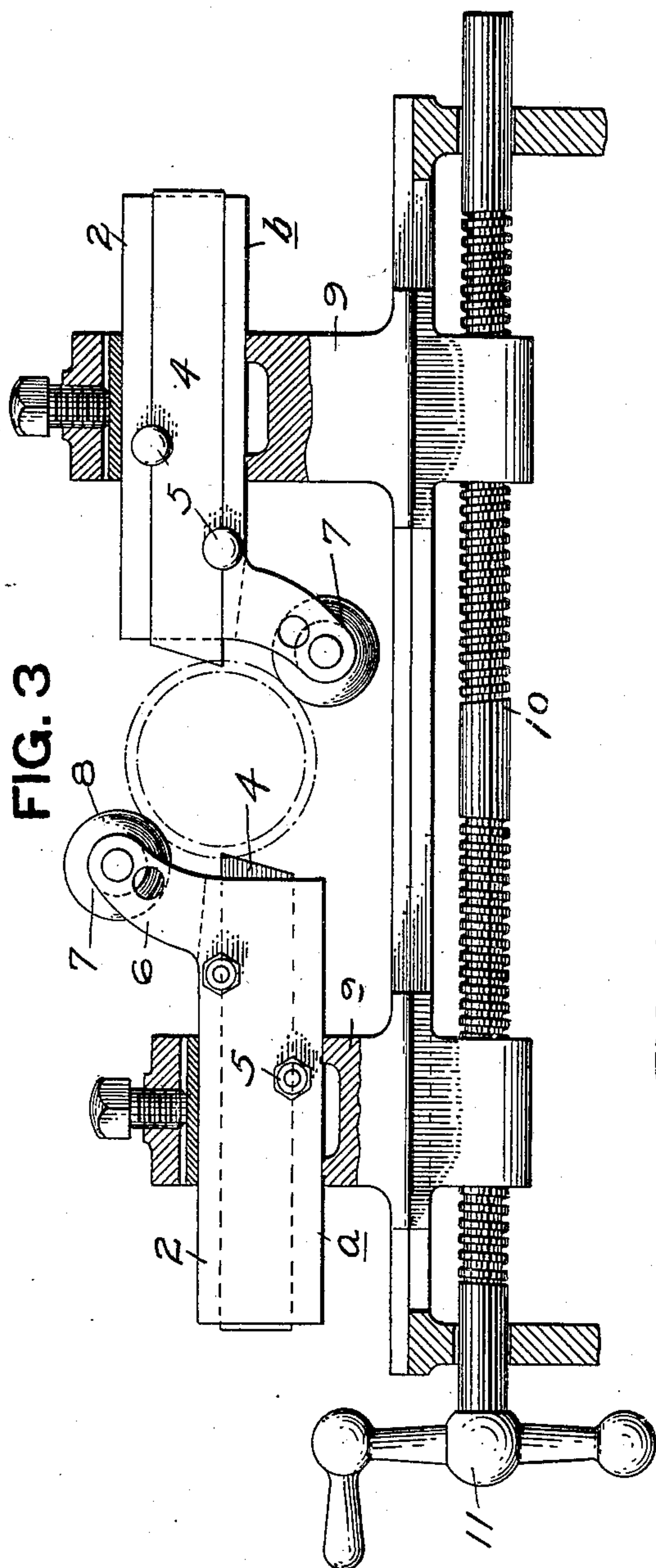


FIG. 1

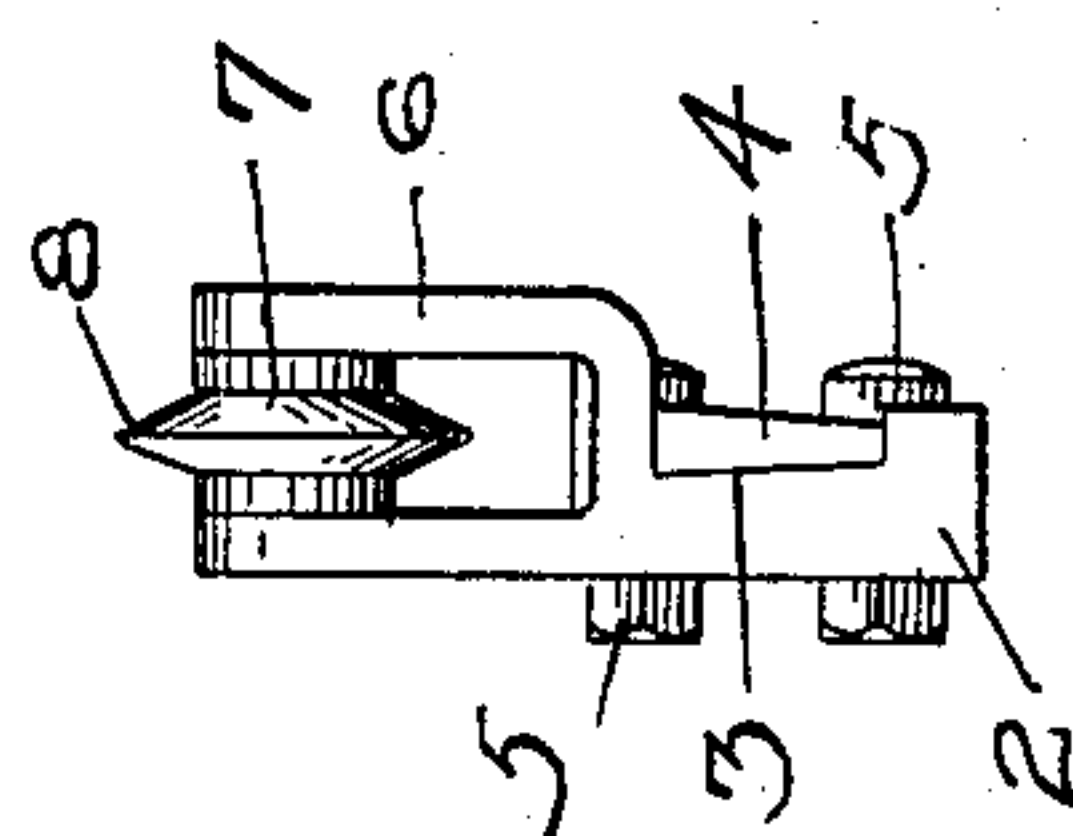


FIG. 2

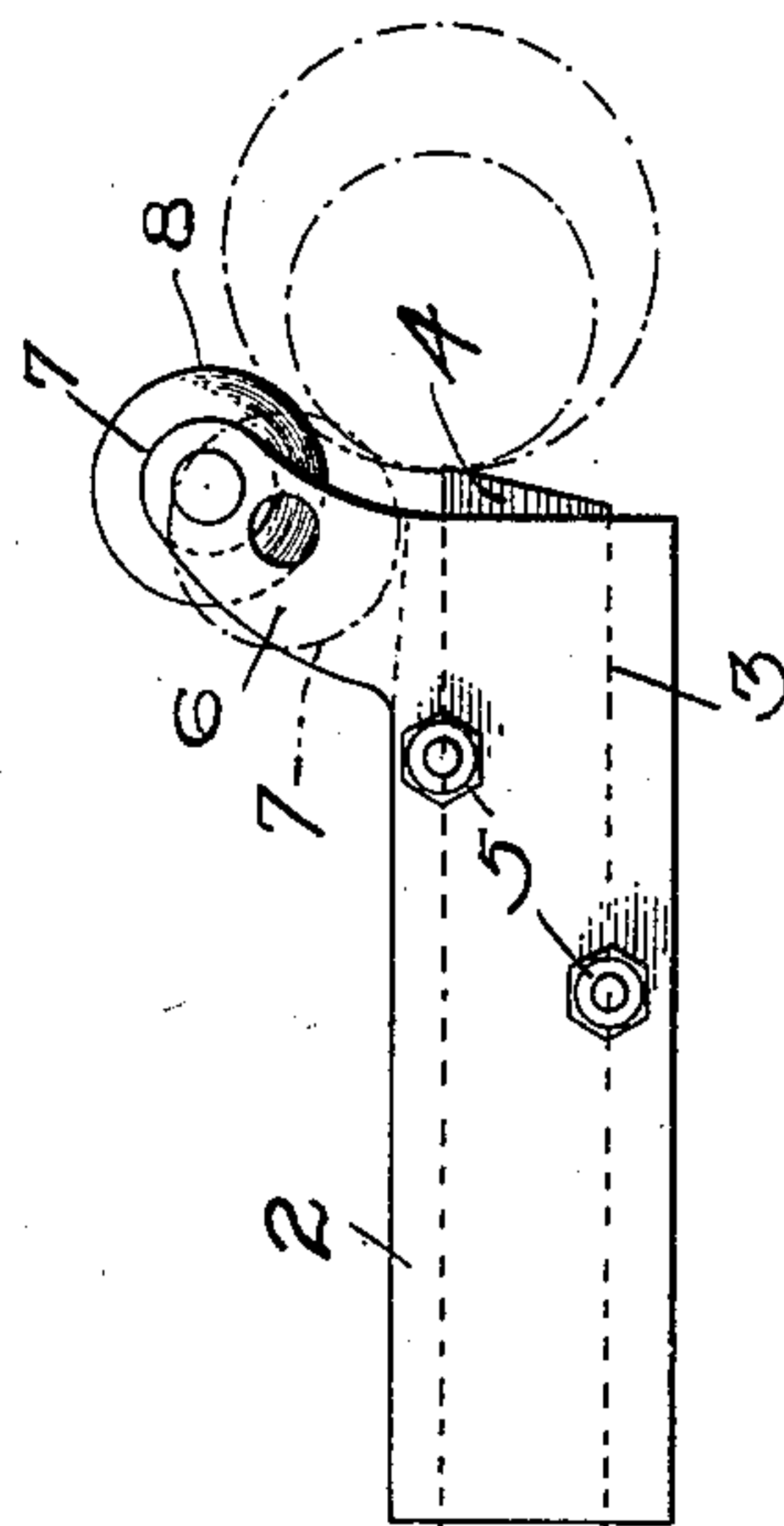


FIG. 3

WITNESSES.

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UNITED STATES PATENT OFFICE.

JOHN F. SPITT, OF McKEES ROCKS, PENNSYLVANIA.

TOOL FOR CUTTING PIPE AND THE LIKE.

No. 898,697.

Specification of Letters Patent.

Patented Sept. 15, 1908.

Application filed March 11, 1908. Serial No. 420,376.

To all whom it may concern:

Be it known that I, JOHN F. SPITT, of McKees Rocks, in the county of Allegheny and State of Pennsylvania, have invented a certain new and useful Improvement in Tools for Cutting Pipe and the Like, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing, forming part of this specification, in which—

Figure 1 is a side elevation illustrating my invention; Fig. 2 is an end elevation of the same; and Fig. 3 is a sectional view showing my invention applied to a pipe cutting machine.

My invention relates to a certain new and useful improvement in tools for cutting pipe and the like and it consists in the construction and combination of parts that will be hereinafter more fully set forth.

In the accompanying drawing I have shown my invention applied to a power pipe cutting machine in which the pipe is caused to be rotated, the tool being held in an adjustable rest or stock by which it is caused to be advanced for cutting the pipe. I do not, however, desire to limit myself thereto as my invention may also be applied to hand-operated implements.

I will now describe my invention so as to enable others skilled in the art to which it appertains to understand and construct the same.

The reference numeral 2 represents the body of the tool having a longitudinal slide recess 3 in which is mounted a knife 4, being held therein by means of clamping bolts 5. The working end of the knife is beveled and projects a short distance from the forward end of the tool so as to engage the pipe to cut the same. Formed on the forward end of the body 2 is a forked arm 6 carrying a disk 7 having a beveled edge 8. This disk is adjustably mounted on the arm 6 so that in cutting pipes of various sizes it may be brought to bear upon the pipe at an angle of

forty-five degrees with the cutting line, serving to steady the pipe and preventing the tool from digging during the cutting operation. It also serves as a chaser, nicking the pipe, thus making it easier for the knife and therefore enabling the pipe to be cut very rapidly.

In cutting the pipe, the tool is held in a suitable slide or stock such as is shown in Fig. 3 in which two oppositely arranged tools *a* and *b* are mounted in stocks 9, which stocks are provided with a screw feed rod 10 which is provided with a crank 11. By rotating the rod 10 the stocks 9 are caused to be slowly advanced, the tools being fed gradually forward for cutting the pipe. A reverse movement of the rod 10 will cause the tools to move away from the pipe after it is cut.

My invention will be appreciated by those skilled in the art.

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

1. A pipe cutting tool having a body portion, a fixed knife carried thereby, a disk adjustably mounted in a forked arm at the forward end of the body portion adjacent the working end of the knife and adapted to bear on the pipe at an angle of about forty-five degrees with the cutting line; substantially as shown and described.

2. In a pipe cutting tool having a body portion, a fixed knife carried thereby, a disk mounted on the forward end of the body portion at an angle of about forty-five degrees with the cutting line of the tool, and adapted to nick the pipe in advance of the knife; substantially as shown and described.

In testimony whereof, I have hereunto set my hand.

JOHN F. SPITT.

Witnesses:

M. ARTHUR KELLIE,
M. A. BARTH.