

No. 623,041.

Patented Apr. 11, 1899.

J. S. SCOTT.

TOOL.

(Application filed Oct. 22, 1898.)

(No Model.)

Fig. 1.

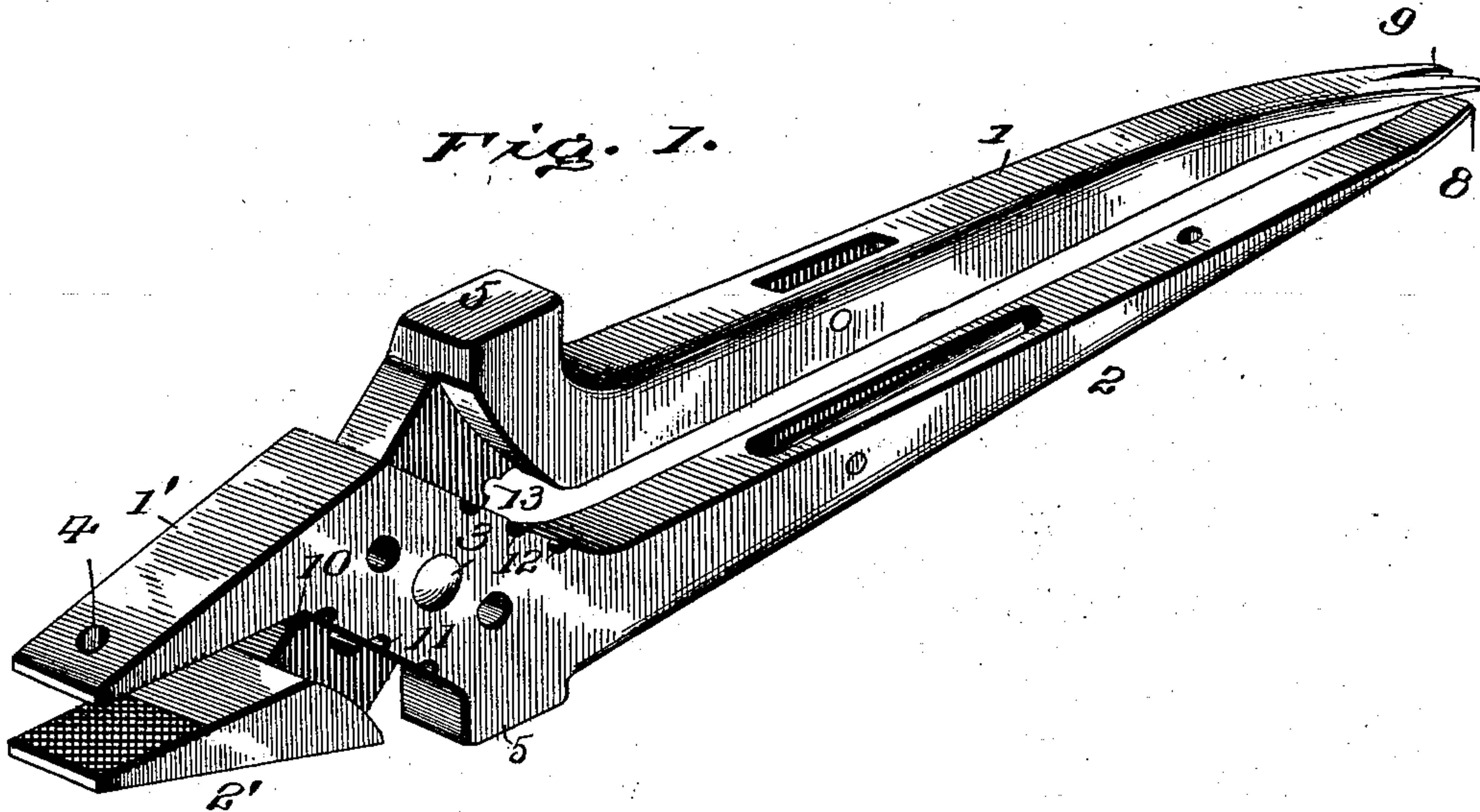
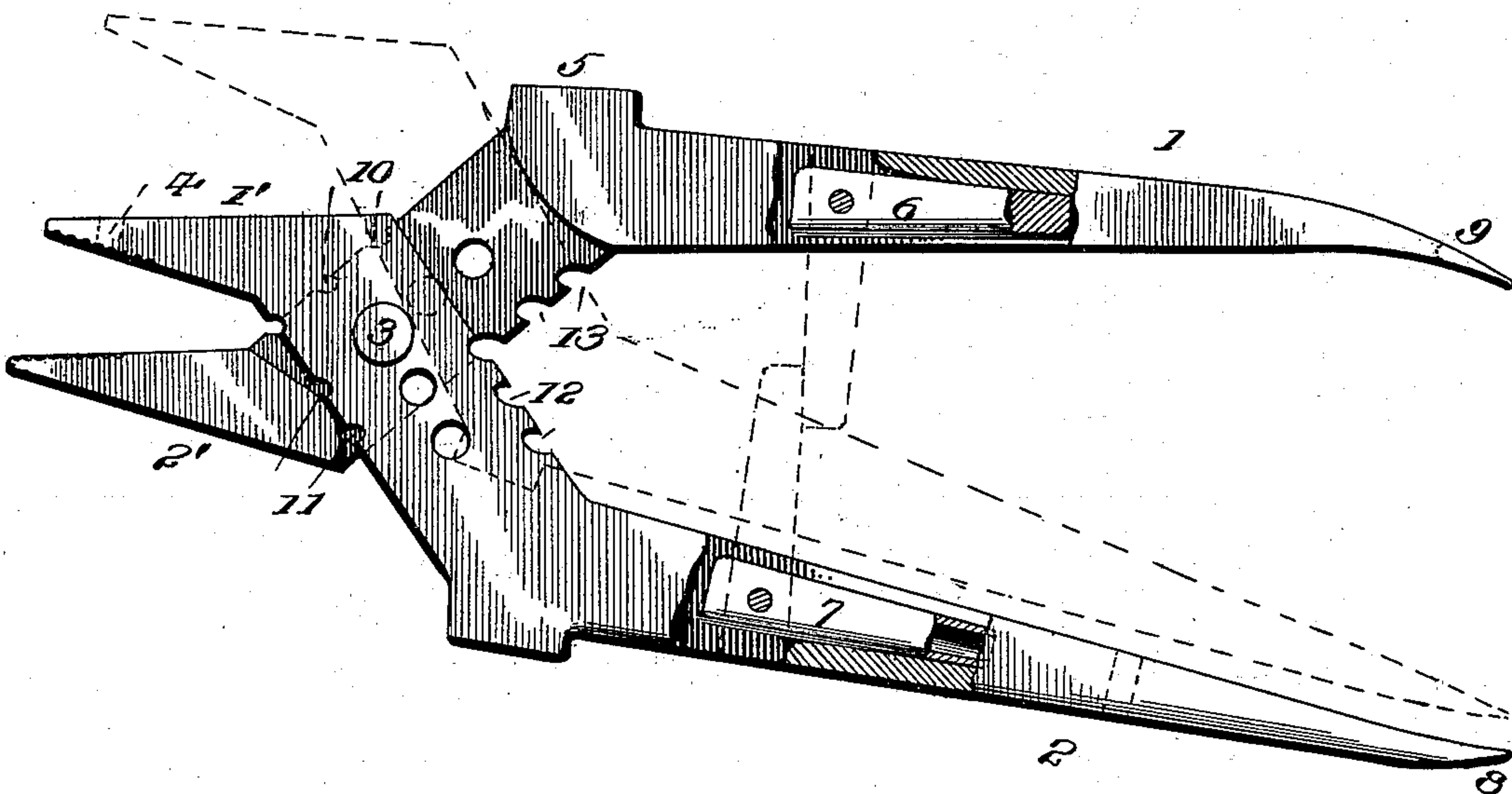


Fig. 2.



Witnesses

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UNITED STATES PATENT OFFICE.

JAMES S. SCOTT, OF ARCHER CITY, TEXAS.

TOOL.

SPECIFICATION forming part of Letters Patent No. 623,041, dated April 11, 1899.

Application filed October 22, 1898. Serial No. 694,313. (No model.)

To all whom it may concern:

Be it known that I, JAMES S. SCOTT, a resident of Archer City, in the county of Archer and State of Texas, have invented certain new and useful Improvements in Tools; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same.

10 The invention relates to tools suitable for use in repairing or renewing wire or other metal fastenings for belts such as used in farm machinery and for other like uses; and its object is to provide a pair of pincers, with
15 adjuncts, adapted for various uses, and particularly to provide for the adjustability of the pincer members without impairing its various subsidiary functions.

20 In the accompanying drawings, Figure 1 is a perspective of the improved tool. Fig. 2 is a side elevation, the dotted lines showing a distinct adjustment of the tool members.

25 Numerals 1 and 2 denote the two members of the pincers, having a removable pivot connection 3 and each provided with a jaw 1' or 2', whereby the tool is adapted for use as a nut-wrench and for other like purposes. Each member has a series of suitably-disposed holes to receive the pivot and provide for
30 various relative adjustments of the pincer members. These holes, arranged as shown, permit the adjustment of the tool to suitably grasp objects varying from a small fraction of an inch to about two inches or more in diameter. The hole 4 in the jaw 1' of member
35 1 adapts the tool to press "burs" or washers on the rivets used in mending belts. Each of the members 1 and 2 is provided with a head 5, whereby when detached it can be used
40 as a hammer, or the tool can be so used without separation of its members.

45 6 and 7 denote, respectively, metal and leather punches pivotally supported, one in each member of the tool, and adapted when not in use to be turned into a recess in its respective member. To arrange a punch for use, it is turned transverse to the slot. Either punch can be driven by the hammer-head of the opposite member when separated from its
50 fellow, or another hammer may be employed

without separation of the tool members. One of the members has at its end opposite the jaws a screw-driver 8 and the other a nail-extractor 9.

10 and 11 denote a series of coacting wire-cutting edges arranged to shear wire in the throat of the tool, a plurality in each member being provided to insure operative relation of opposing edges under various adjustments of said members. 12 and 13 denote similar wire-cutting edges situated back of the pivot and adapted to cut wire of larger dimensions under various adjustments.

By the construction set forth the tool is given a large range in capacity as respects its use in grasping objects—such as nuts, bolts, pipes, and the like—and the various adjustments can be effected without neutralizing its other functions, and particularly its use as a wire-cutter.

70 It is desirable to provide a farm-tool of the character herein set forth with a considerable range of capacity and function to avoid the necessity of a large number of tools both for economy's sake and to obviate the danger of scattering tools. The plurality of pivot-holes in each member provides for a very wide adjustment, and the plurality of wire-cutters is requisite to maintain an operative wire-cutter under adjustments of the pincer members.

80 The hammer-heads are placed adjacent the neck portion of each pincer member, at a bend in said member, thereby adding strength at a point where additional strength is desirable, so that by the same construction the tool is
85 both strengthened and adapted to be used as a hammer.

Having thus described my invention, I claim—

1. A pair of pincers having two members joined by an adjustable pivotal connection, said members having each a plurality of wire-cutting edges arranged so that a cutting edge of one member will coact with a cutting edge of the other member in each of the various pivotal adjustments of the members.

2. A pair of pincers having two members joined by a pivot, a plurality of holes in each member each adapted to receive the pivot, said members having each a plurality of wire-

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cutting edges forward of the pivotal connection and a plurality of wire-cutting edges in rear of the pivotal connection, whereby opposing cutting edges of the members are in
5 operative situation under various pivotal adjustments, substantially as described.

In testimony whereof I have signed this

specification in the presence of two subscribing witnesses.

JAMES S. SCOTT.

Witnesses:

WM. COUND,

W. H. SEEFELD.