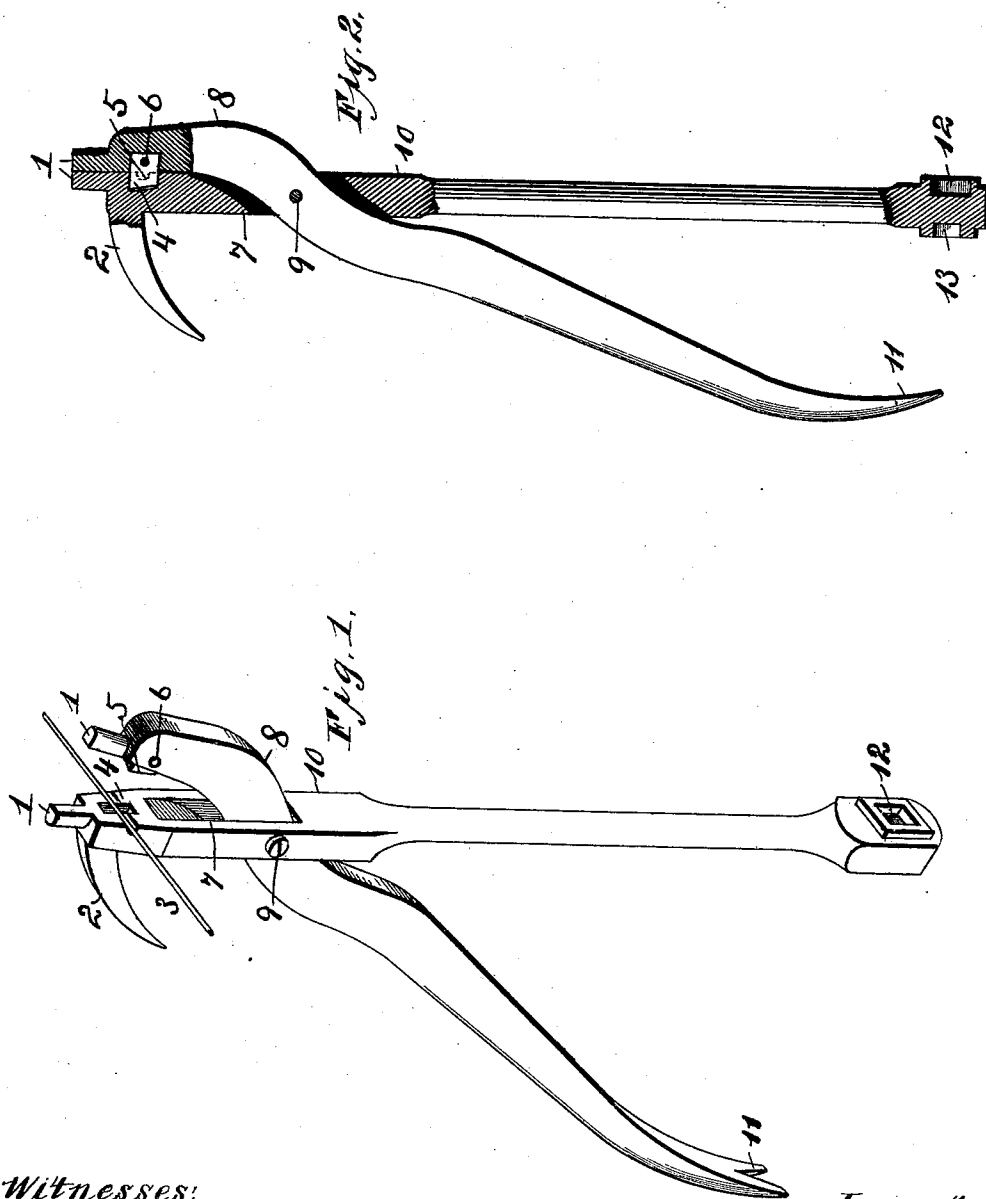


(No Model.)

J. D. BARNETT.
COMBINATION TOOL.

No. 500,551.

Patented July 4, 1893.



Witnesses:

G. J. Thorne
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UNITED STATES PATENT OFFICE.

JAMES D. BARNETT, OF LEANN, MISSOURI.

COMBINATION-TOOL.

SPECIFICATION forming part of Letters Patent No. 500,551, dated July 4, 1893.

Application filed August 22, 1892. Serial No. 443,793. (No model.)

To all whom it may concern:

Be it known that I, JAMES D. BARNETT, of Leann, Barry county, Missouri, have invented certain new and useful Improvements in Combination-Tools, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention consists of a combination tool, comprising a pair of tongs with certain other peculiar parts connected thereto, and the object which I have in view is to produce a combination tool which will be easy in manipulation, cheap in construction and durable after construction; and the principal use to which it is to be applied is the handling of tobacco during the process of curing after the tobacco has been cut from the stump in the field. The plan adopted for curing tobacco after it is cut from the stump and ready to hang by most tobacco raisers is to string it on strands of wire of suitable length. To do this the wires are cut with suitable nippers and the tobacco is strung on the wires. Then the ends of the wires are bent or crooked to prevent the tobacco from slipping from them. It can be seen by referring to the drawings that I have provided in my combination tool a means for clipping and also bending the ends of the wires to prevent the tobacco slipping from them.

To the above purposes my invention consists in certain peculiar and novel features of construction and arrangement as herein-after described and claimed.

In order that my invention may be fully understood, I will proceed to describe it with reference to the accompanying drawings, in which—

Figure 1 is a perspective view of my combination, showing the general construction thereof. Fig. 2 is a sectional side elevation of the device, in its closed position.

In the drawings, 10 designates a straight arm or lever, having enlarged rectangular portions near its opposite ends, the upper or longer one of which is provided with an elongated opening or slot 7.

8 designates an arm or lever, of lesser width than the arm or lever 10, and which is pivoted at 9, in the elongated opening or slot of

the arm or lever 10, thus constituting a pair of pinchers. The arm 8 is of curved configuration in side view, and has its shorter end, or end above the pivot 9, formed straight, so that its inner edge will bear firmly against the adjacent edge of the straight handle or lever 10. The levers 8 and 10, have each a reduced extension 1 at their upper ends, the inner sides of which are flattened, and are flush with the inner sides of its corresponding lever. These extensions are designed, when brought together with a strand of wire between them, to clamp and twist said wire into any desired shape. The inner face of the lever in the shorter end thereof, is provided with a longitudinally extended recess 4, a slight distance below the extension 1 at the upper end of the lever. The upper inner face of the shorter portion of the lever 8, immediately opposite the recess in the lever 10, is provided with the longitudinally arranged cutting plate 5, the rear portion of which is secured in the lever 8, by cross pin or rivet 6, the cutting surface of which plate is arranged oblique to the inner surface of the lever, to more surely sever the wire when desired. The upper inner surface of the lever 10 is further provided with a transversely extending groove or recess communicating with the recess 4 of said lever, and designed to guide and hold the wire 3 stationary across the face of the recess 4, when the wire is to be severed. The opposite end of the lever 10, is provided in its inner and outer faces with the rectangular recesses 12 and 13, provided respectively to engage larger and smaller sized nuts, when the device is used as a nut wrench. The adjacent end of the lever 8, is flattened and V-notched at 11, to be used as a tack or small nail extractor. The segmental shaped spur or finger 2 at the upper end of the lever arm 10, is to facilitate the handling of green stalks of tobacco, after it is cut; also to facilitate the baling, loading and unloading of cotton and hay.

From the above description, it will be seen that I have produced a combination tool that is cheap and simple and durable of construction, and a tool that can be used in a variety of positions, and for many different purposes, with advantageous results.

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

5 A combination tool, comprising an arm having a longitudinally extending opening therein, an arm pivoted within said opening, reduced extensions 1 at the upper end of said arms, and rectangular recesses in the lower end of one of said arms, and a longitudinally
10 extending recess, in the inner edge or face of one of said arms, and a transverse groove in

said arm communicating with said longitudinally extending recess, and a cutting plate carried by the opposite arm or lever and adapted to register with the said longitudinally arranged recess, substantially as set forth. 15

In testimony whereof I affix my signature in the presence of two witnesses.

JAMES D. BARNETT.

Witnesses:

FRANK THOMAS,
THOMAS ZINN.