

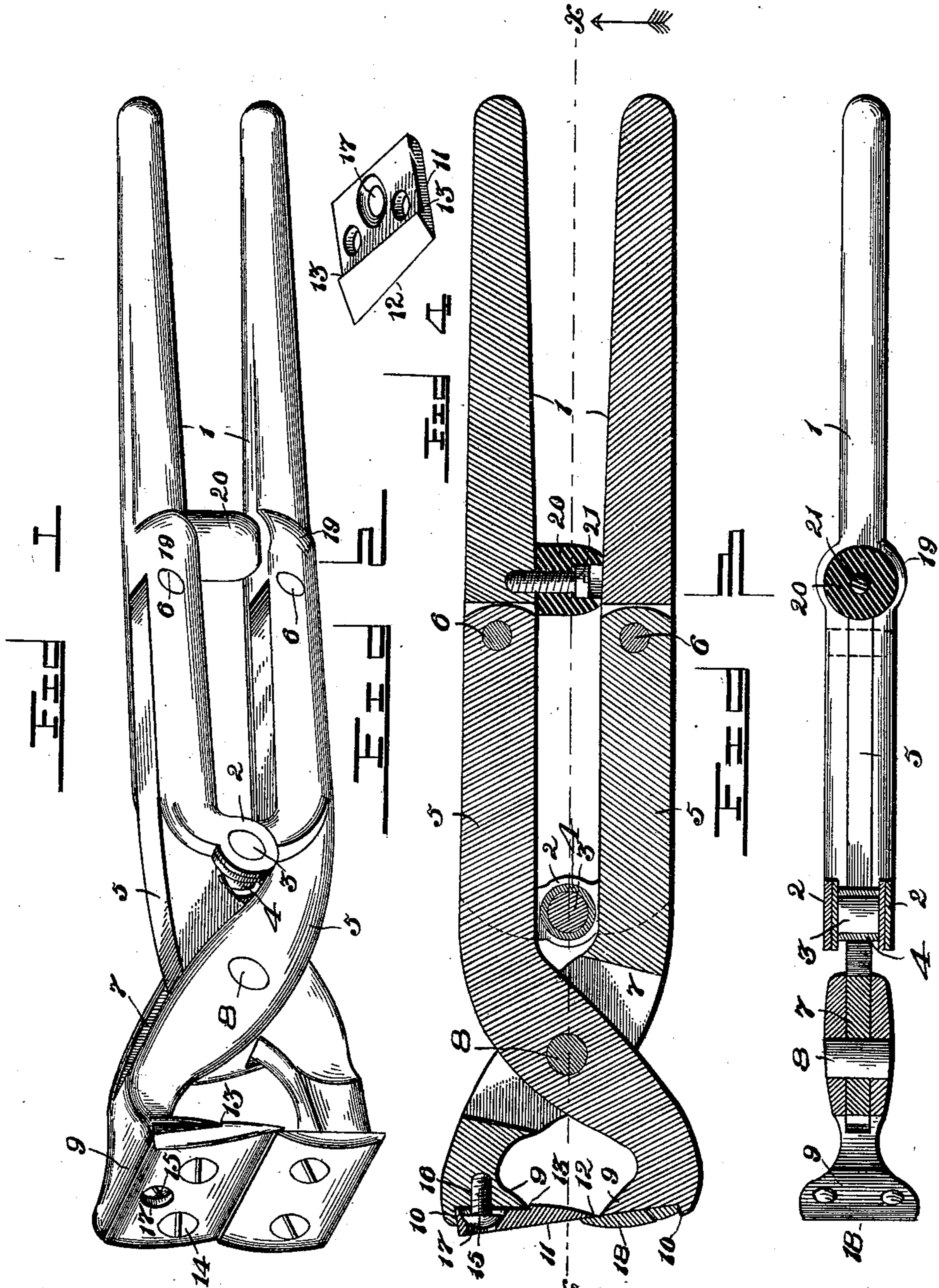
No. 630,670.

Patented Aug. 8, 1899.

J. D. DECELLE.  
HOOF TRIMMING NIPPERS.

(Application filed June 6, 1899.)

(No Model.)



Witnesses

John Manpin  
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# UNITED STATES PATENT OFFICE.

JERRY D. DECELLE, OF FORT COLLINS, COLORADO.

## HOOF-TRIMMING NIPPERS.

SPECIFICATION forming part of Letters Patent No. 630,670, dated August 8, 1899.

Application filed June 6, 1899. Serial No. 719,587. (No model.)

*To all whom it may concern:*

Be it known that I, JERRY D. DECELLE, a citizen of the United States, residing at Fort Collins, in the county of Larimer and State of Colorado, have invented a new and useful Nippers or Hoof-Trimmer, of which the following is a specification.

This invention relates to nippers or hoof-trimmers, and has for its object to increase the power of such implements and to provide an improved adjustable cutting or trimming plate, whereby the trimming action may be effectively adjusted.

To these ends the present invention consists in the combination and arrangement of parts, as will be hereinafter more fully described, shown in the accompanying drawings, and particularly pointed out in the appended claims.

In the drawings, Figure 1 is a perspective view of the improved implement. Fig. 2 is a longitudinal sectional view taken in the plane of the implement. Fig. 3 is a similar view taken on the line *xx*, Fig. 2. Fig. 4 is an underneath perspective view of the cutting-plate.

Corresponding parts are designated by like reference characters in all the figures of the drawings.

Referring to the accompanying drawings, 1 designates a pair of operative levers which are bifurcated longitudinally at the inner ends and in the plane of the levers. At the bifurcated ends of the levers each side thereof is provided with an inwardly-extending or offset bearing-eye 2, and the latter are connected together by means of a suitable pivot-pin or bolt 3, the latter being provided with a sleeve 4, fitting snugly between the adjacent eyes, so as to properly space the same apart.

A pair of auxiliary levers 5 have their outer ends pivoted, as at 6, within the respective bifurcations of the operating-levers and extend longitudinally beyond the pivoted ends of the said levers. One of these levers is provided with a longitudinal bifurcation 7, located beyond the end of the operating-levers, and the other lever passes loosely through said bifurcation and is pivoted therein by means of a pivot-pin 8. The outer ends of the jaws of the auxiliary levers are each pro-

vided with a flat head 9, having at its outer end a shoulder 10, extending the entire width of the head and at right angles to the plane of the levers. Fitted to one of these heads is a cutting or trimming plate 11, having an inclined cutting edge 12 and provided upon its under face with a transverse shoulder 13, adjacent to the cutting edge. This plate is arranged flat upon the head, engaging against the shoulder 10 and having the shoulder 13 engaging against the inner edge of the head and removably connected thereto by suitable screw-fastenings 14. In order that the cutting-plate may be adjusted, I provide an adjusting-screw 15, fitted in a countersunk threaded opening 16, provided in the outer face of the head intermediate of the sides and adjacent to the shouldered end thereof. The plate is provided with a smooth opening 17, countersunk upon its under face, alined with the adjusting-screw, and smaller in diameter than the head of the same. Thus it will be understood that the opening 17 exposes the head of the adjusting-screw 15 through the cutting-plate, whereby the screw may be adjusted to give the plate more or less incline, so as to regulate the cutting action thereof. The opposite head 9 is provided with a removable guard-plate 18, beneath which the cutting-plate is adapted to pass in the operation of the implement.

Adjacent to the base of the longitudinal bifurcation each of the operating-levers 1 is provided with an enlargement or shoulder 19 upon its inner face, and to one of these shoulders is connected a rubber stop 20 by means of a suitable screw 21, whereby the levers are limited in their movement and are prevented from striking together and thereby producing an unpleasant noise.

By reason of the fact that the auxiliary levers are pivoted at their ends within the longitudinal bifurcations formed in the operating-levers said auxiliary levers are gradually drawn into the bifurcations as the operating-levers are pressed together, thereby supporting the auxiliary levers and effectively preventing any lateral movement thereof. The sleeve 4, carried by the pivot-pin 3, is adapted to prevent the opposite sides of the respective operating-levers from binding upon the

auxiliary levers, so that the implement may work easily and effectively.

Changes in the form, proportion, size, and the minor details of construction within the scope of the appended claims may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

What I claim is—

1. An implement of the class described, comprising a pair of operating-levers bifurcated longitudinally at the pivoted or hinged ends thereof, and a pair of auxiliary levers having cutting or trimming jaws, said auxiliary levers being pivoted within the respective bifurcations of the operating-levers and adapted to be received longitudinally within said bifurcations as the operating-levers are forced together, substantially as and for the purpose set forth.

2. In an implement of the class described, the combination with a pair of operating-levers bifurcated longitudinally at their inner ends, the latter being provided with inwardly-offset bearing-eyes, a pivot-pin pivotally connecting said eyes, and a sleeve encircling the pin and spacing the eyes apart, of a pair of auxiliary levers having cutting or trimming jaws at their outer ends and pivoted at their inner ends within the bifurcations of the operating-levers, whereby said auxiliary levers are adapted to be received within the bifurcations as the operating-levers are forced to-

gether, substantially as and for the purpose set forth.

3. In an implement of the class described, the combination with a pair of levers having a pair of jaws, of an adjustable cutting or trimming plate having an opening formed therethrough and fitted to one of the jaws, a screw carried by the said jaw and accessible through the opening in the plate, whereby the screw may be adjusted to regulate the inclination of the cutting-plate, substantially in the manner shown and described.

4. In an implement of the class described, the combination with a pair of operating-levers having a pair of jaws, of a cutting or trimming plate carried by one of the jaws and provided with a smooth opening countersunk upon its inner face, and a screw adjustable in the countersunk screw-threaded opening provided in said jaw, the opening in the plate being smaller than the head of the screw and alined therewith so as to expose the screw and permit of the same being operated to adjust the inclination of the plate, substantially in the manner shown and described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

JERRY D. DECELLE.

Witnesses:

FRANK J. ANNIS,  
GUY E. LOOMIS.