

No. 838,405.

PATENTED DEC. 11, 1906.

O. M. HENKEL.
FARM TOOL.

APPLICATION FILED APR. 17, 1906.

Fig. 1.

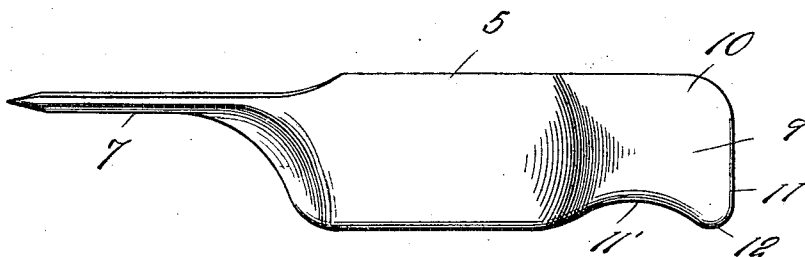


Fig. 2.

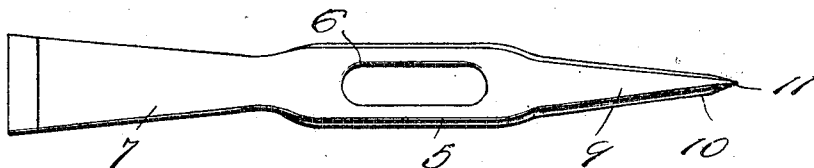
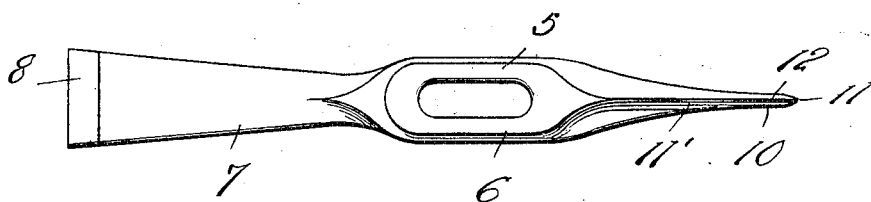


Fig. 3.



Witnesses

S. R. Thomas
F. B. MacKath.

Inventor

O. M. Henkel

By

Charles Chandler

Attorney

UNITED STATES PATENT OFFICE.

OTTO M. HENKEL, OF WARREN TOWNSHIP, MACOMB COUNTY, MICHIGAN.

FARM-TOOL.

No. 838,405.

Specification of Letters Patent.

Patented Dec. 11, 1906.

Application filed April 17, 1906. Serial No. 312,278.

To all whom it may concern:

Be it known that I, OTTO M. HENKEL, a citizen of the United States, residing in Warren township, in the county of Macomb, State of Michigan, have invented certain new and useful Improvements in Farm-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 appertains to make and use the same.

This invention relates to farm implements or tools; and it has for its object to provide an article of this nature which may be employed as either a grub or a hook, the parts being so arranged that neither interferes with the other and that they may be interchangeably used with convenience.

A further object of the invention is to provide a tool which may be made at a reasonable cost and which will be most efficient.

In the drawings forming a portion of this specification, and in which like numerals of reference indicate similar parts in the several views, Figure 1 is a side elevation of the head of a tool embodying the present invention. Fig. 2 is a top plan view. Fig. 3 is a bottom plan view.

Referring now to the drawings, the present tool, which is illustrated as adapted for application to a handle, is formed from a single piece of metal and comprises a central or body portion 5, having an eye 6 and at one end a blade 7, which is broadened transversely of the tool and has a straight transverse cutting edge 8 at its free end, formed by beveling the stock of the blade.

At the opposite end of the body portion 5 from the blade just described there is a second blade 9, the height of which is substantially the same as the height of the body portion 5, the upper edge of this blade being straight and in the plane of the upper face of said body portion.

At the base of the blade 9 it is of substantially the same thickness as the body portion

5, and it is gradually reduced in width toward its free end 10, where there is a vertical cutting edge 11, the central portion of which is substantially straight, while the end portions thereof are curved or rounded in the direction of the body portion 5. The lower side of the blade 9 is concaved, and the blade is reduced in thickness downwardly, so as to form the concaved cutting edge 11, this cutting edge being continued forwardly of the blade with a compound curve, so that it meets the backwardly-curved lower end portion of the cutting edge 11, there being thus formed a depending lip 12 at the free end and at the lower portion of the blade 9.

It will be noted that the blade 7 is gradually broadened from its inner end or base to the cutting edge 8 and that while the upper edge of the said blade lies slightly below the upper face of the body portion 6 and blade 9, yet this difference is so slight that the entire upper face of the tool may be regarded as being approximately in the same horizontal plane. The base of the blade 7 is swelled vertically in both directions, as illustrated, to give rigidity.

What is claimed is—

A tool formed from a single piece of metal and comprising a body portion having an eye; a blade projecting from one end of the body portion, and having a vertical cutting edge at its free end and a concave cutting edge at its bottom, said vertical cutting edge being curved at its lower end to meet the curvature of the concave cutting edge; and a blade projecting from the opposite end of the body portion and having a broadened transverse cutting edge at its free end, the upper face of the tool being approximately in the same horizontal plane.

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

OTTO M. HENKEL.

Witnesses:

JOHN H. POWELL,
B. D. YORK.