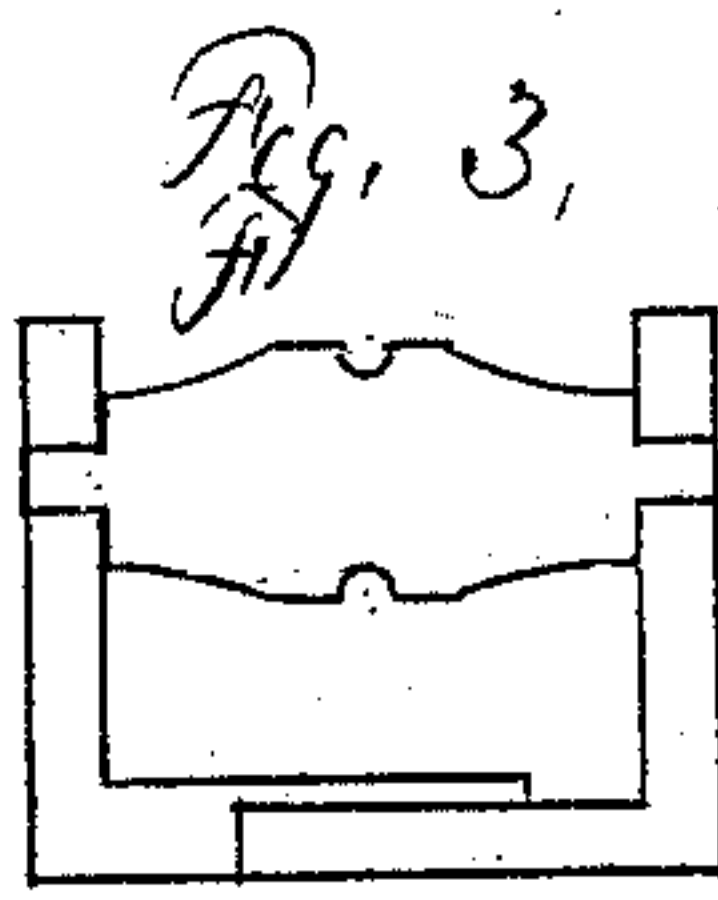
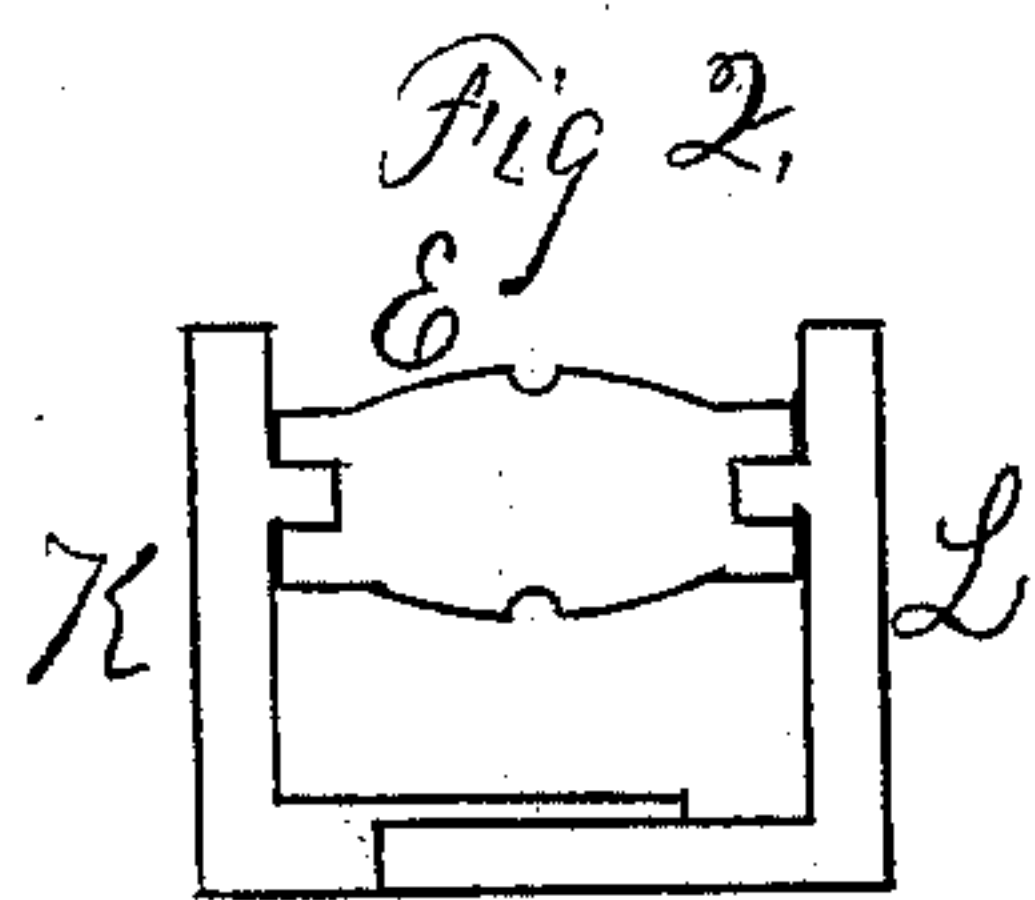
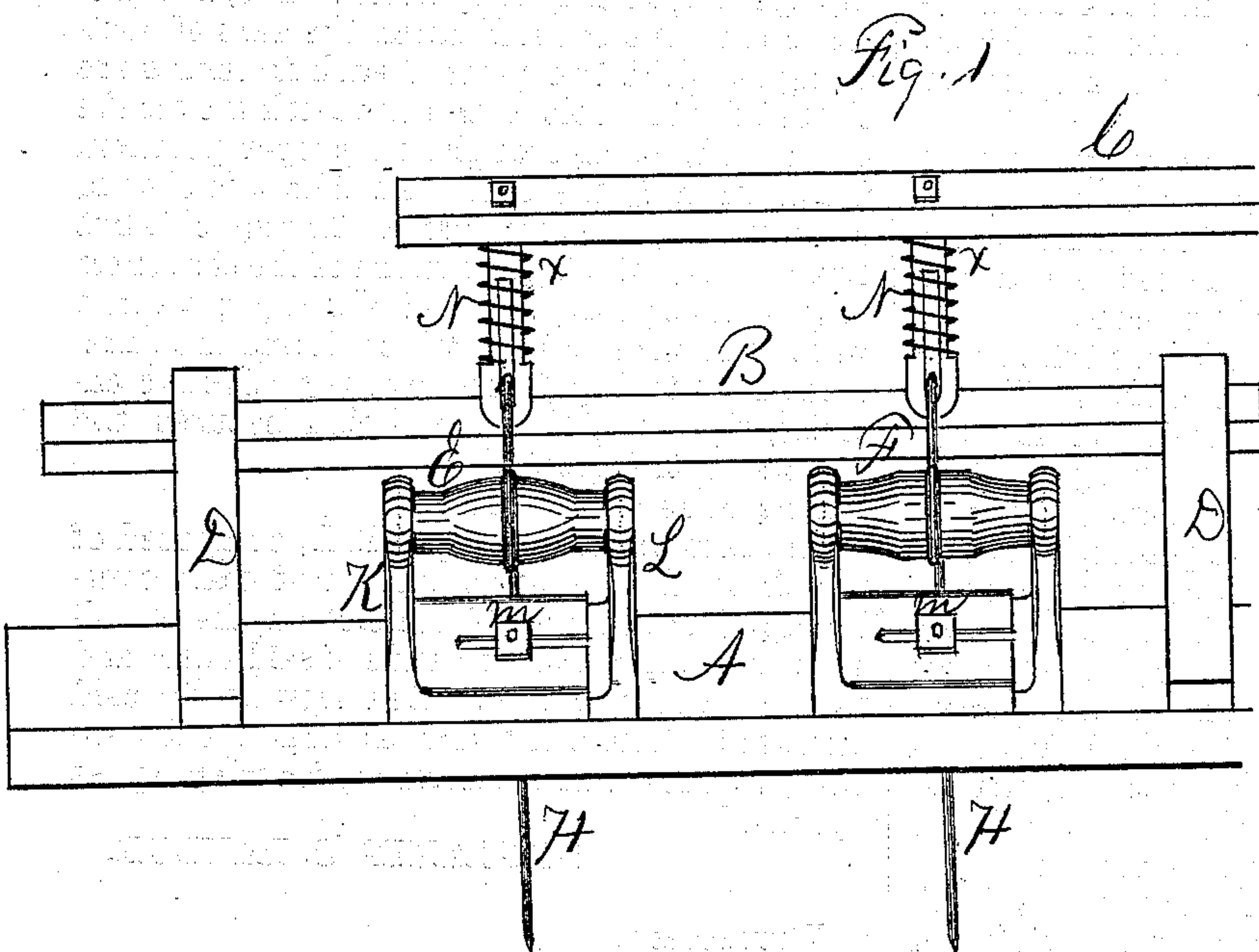


B. C. TAYLOR.

Tooth Fastening for Horse Rakes.

No. 125,630.

Patented April 9, 1872.



Witnesses,
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UNITED STATES PATENT OFFICE.

BENJAMIN C. TAYLOR, OF DAYTON, OHIO.

IMPROVEMENT IN TOOTH-FASTENINGS FOR HORSE-RAKES.

Specification forming part of Letters Patent No. 125,630, dated April 9, 1872.

SPECIFICATION.

I, BENJAMIN C. TAYLOR, of Dayton, in the county of Montgomery and State of Ohio, have invented certain Improvements in Horse-Rakes, of which the following is a specification:

My invention relates to the hinges or fastenings employed to attach steel rake-teeth; and consists in a peculiar form of the same cast in three parts, forming, when united, a bracket, and a pivoted head mounted therein.

Figure 1 is a perspective of a portion of a horse-rake illustrating my invention. Figs. 2 and 3 are sectional elevations of two slightly-modified forms of hinge or fastening.

A, Fig. 1, represents the frame, which is supported on the axle. Two pieces, D D, support the bar B, and this bar gives support to the guides N N, the ends of which pass through the bar and are secured by nuts. The top bar C is secured in like manner to the guides. These guides are cast in one piece, having a slot for the rake-teeth and a shoulder, against which the spiral spring *x* rests, the upper end of the spring bearing against the bar. The slot extends a short distance beneath the shoulder of the guide. When beneath the shoulder the tooth falls into any cavity of the earth by its own weight. The two fastenings K and L

are similar, there being but this difference: projections from the ears of fastening K enter the spool E, as shown by dotted lines, and projections of the spool F enter the ears of fastening L. The two parts of each fastening are slotted for the bolt *m*, the one setting over the other, and, when brought in proper position, are secured by the bolt. At Fig. 2 is shown, in section, the several parts. The spool E has orifices, into which projections of the ears enter to give it support, and has also a groove into which the wire is bent which forms the rake-teeth H. At Fig. 3 is shown the spool as entering the ears, the wire being secured the same as to the spool E.

I claim as my invention—

The fastenings or hinges K L, composed of the divided bases, one section of each overlapping the other and both slotted, the standards projecting from the ends of said bases and the heads or pivots journaled between the said standards, combined and arranged substantially as shown and described, for the purpose specified.

BENJAMIN C. TAYLOR.

Witnesses:

W. H. CLARK,
B. PICKERING.