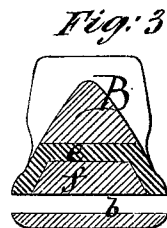
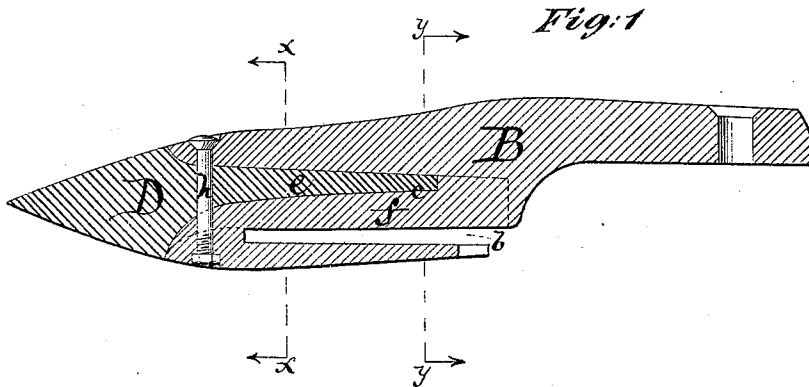


C. APPLEBY.

Harvester Guard-Fingers.

No. 151,341.

Patented May 26, 1874.



Witnesses:

Michael Ryan
J. H. Haynes

Charles Appleby
By his Attorneys
Brown & Allen

UNITED STATES PATENT OFFICE.

CHARLES APPLEBY, OF YONKERS, NEW YORK, ASSIGNOR OF ONE-HALF HIS
RIGHT TO G. HILTON SCRIBNER, OF SAME PLACE.

IMPROVEMENT IN HARVESTER GUARD-FINGERS.

Specification forming part of Letters Patent No. 151,341, dated May 26, 1874; application filed
March 26, 1874.

To all whom it may concern:

Be it known that I, CHARLES APPLEBY, of Yonkers, in the county of Westchester and State of New York, have invented an Improved Harvester-Finger, of which the following is a specification:

The invention consists in the construction of the point and cutting-edges of one piece, attached to the finger by a tongue-and-groove joint of peculiar form.

In the accompanying drawing, Figure 1 is a longitudinal vertical section of a harvester-finger embodying my invention. Fig. 2 is a transverse section taken in the line *x x* of Fig. 1. Fig. 3 is a transverse section taken in the line *y y* of Fig. 1.

The finger B is made of cast-iron, with the usual groove or notch *b*, for the cutter-bar to travel in. Above the groove *b* is a notch or groove, *c*, of similar form, but running forward instead of backward, and having its front portion tapering or flaring outward. The piece D, which forms the point and cutting-edges of the finger, is made of steel, with a tongue, *e*, running backward from the point, and fitting in the groove or notch *c*. The edges of the

tongue *e* are turned down so as to cover the edges of the strip *f*, which lies between the grooves *b* and *c*, and thus form the cutting-edges of the finger. The piece D may be rigidly and permanently attached to the casting B by means of a rivet, *h*.

By this construction the finger is provided with a steel point and cutting-edges in a simple and economical manner, without the labor and expense of making the finger entirely of steel.

I have herein spoken of the body of the finger as of cast-iron; but I propose to render it malleable by the process commonly practiced in making malleable cast-iron.

What I claim as new, and desire to secure by Letters Patent, is—

A harvester-finger having its point and cutting-edges made of one piece, and attached to the finger by a tongue-and-groove joint, substantially as shown and described.

CHARLES APPLEBY.

Witnesses:

HENRY T. BROWN,
MICHAEL RYAN.