

V. N. COLLINS.
Finger-Bar for Harvesters.

No. 164,676.

Patented June 22, 1875.

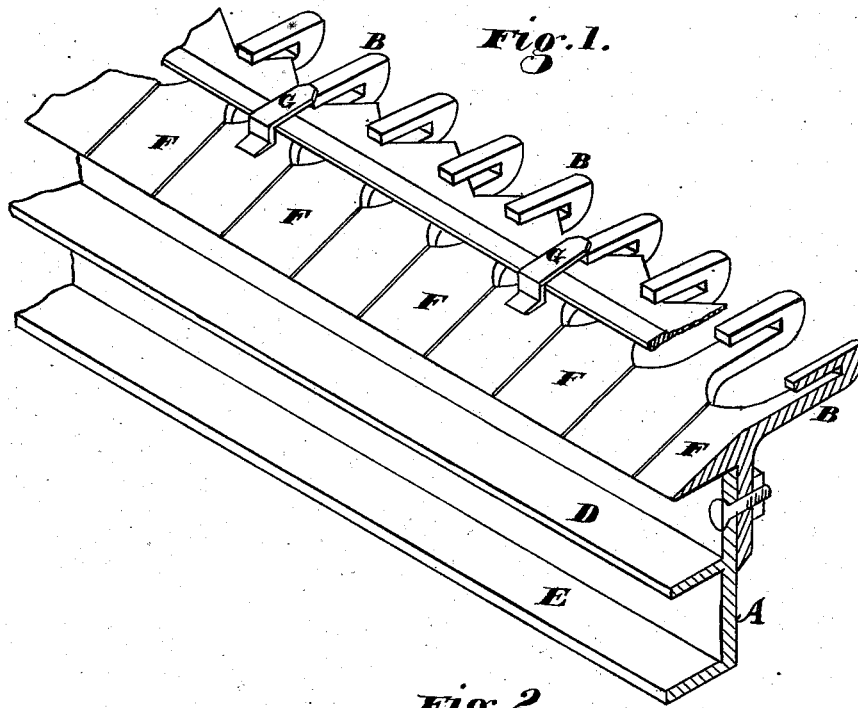


Fig. 1.

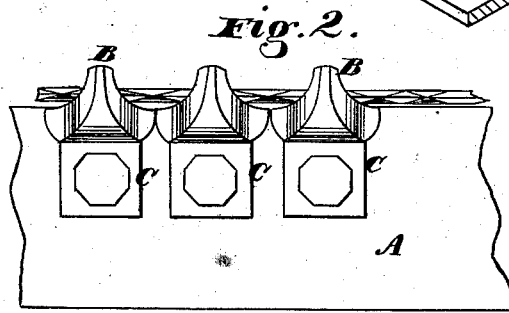


Fig. 2.

Witnesses

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UNITED STATES PATENT OFFICE.

VICTOR N. COLLINS, OF NORDHOFF, CALIFORNIA.

IMPROVEMENT IN FINGER-BARS FOR HARVESTERS.

Specification forming part of Letters Patent No. **164,676**, dated June 22, 1875; application filed April 27, 1875.

To all whom it may concern:

Be it known that I, VICTOR N. COLLINS, of Nordhoff, Ventura county, State of California, have invented an Improvement in Harvester-Fingers; and I do hereby declare the following description and accompanying drawings are sufficient to enable any person skilled in the art or science to which it most nearly appertains to make and use my said invention or improvement without further invention or experiment.

My invention relates to certain novelties in harvester-fingers, and their relation to the finger-bars, and it is an improvement upon a device for which Letters Patent were granted to me January 27, 1874, and numbered 146,804.

My improvement consists in making the guard or finger so that the cover for the draper is formed in one piece with it, instead of being formed separately and secured to the finger-bar, or formed in one piece with the latter. The keepers for the sickle may also be formed in one piece with the guard, and the whole being constructed of cast metal of any kind.

Referring to the accompanying drawing for a more complete explanation of my invention, Figure 1 is a perspective view of my machine. Fig. 2 is a front view of a portion of it.

A is the finger-bar, which may be made as formerly described, with the flanges D and E projecting from the rear side; but the flange and the inclined plate at the top are omitted in the present case. The guards or fingers B are each made with a wide base, C, and are

secured to the bar by a single bolt; but, instead of being notched and fitted to a shoulder or flange upon the top of the finger-bar, each guard has a projection, F, cast or otherwise formed with it, which rests upon the plain upper edge of the finger-bar, and projects to the rear so far as to form the cover for the carrying-belt, and serves to secure the position of the fingers on the bar.

This construction gives a very superior steadiness and solidity to the fingers on the bar, and a greater simplicity in their manufacture. The keepers G, which cover the sickle and hold it to its place, are formed with the guard, and extend over the sickle at certain intervals, as shown.

The whole guard and keeper may be cast of iron or steel, and by this construction I am enabled to cheapen the device, as I save considerable work upon the top of the finger-bar.

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

The guard or finger B, having formed with it the projection F, which serves to secure the position of the fingers on the bar, and acts as a wall for the carrier-guide, and the projecting base C, by which it is secured to the finger-bar, substantially as herein described.

In witness whereof I hereunto set my hand and seal.

VICTOR N. COLLINS. [L. S.]

Witnesses:

W. T. WILLIAMS,
L. C. GRANGER.