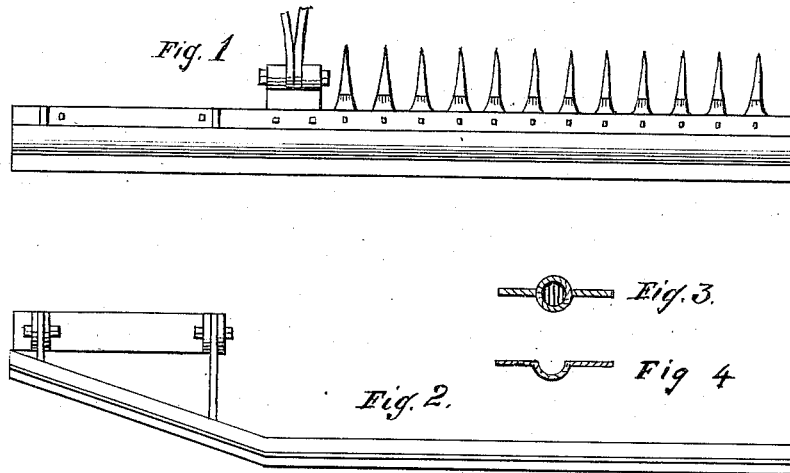


A. MILLER.

HARVESTING MACHINE.

No. 182,030.

Patented Sept. 12, 1876.



Witnesses
Wm. F. Miller
Milton H. Hooley

Avron Miller
Inventor

UNITED STATES PATENT OFFICE.

AARON MILLER, OF BROCKPORT, NEW YORK.

IMPROVEMENT IN HARVESTING-MACHINES.

Specification forming part of Letters Patent No. **182,030**, dated September 12, 1876; application filed April 7, 1876.

To all whom it may concern:

Be it known that I, AARON MILLER, of Brockport, Monroe county, and State of New York, have invented a new and useful Improvement in Harvesting-Machines, which improvement is fully set forth in the following specification, reference being had to the accompanying drawings.

The object of this invention is to give firmness to the finger-bar and platform of harvesting-machines; and this I obtain by constructing a tubular finger-bar with flanges on two sides, the flanges being for the purpose of fastening the guards and platform to the bar.

The finger-bar may be constructed of two separate bars rolled in the form represented at Fig. 4, (Figs. 3 and 4 being sectional views, Figure 1 being a plan, and Fig. 2 a rear, view,) the rear edges being fastened together with rivets, the bolts that fasten the guards hold-

ing the front edges together; or the bars, after being formed as shown at Fig. 4, may be heated and passed through rollers and welded, as shown at Fig. 3.

When the grain-wheel is placed at some distance in the rear of the finger-bar in a harvesting-machine there is a twisting strain or torsion to the finger-bar, and an unsteady vibrating motion to the platform. This tubular form being given to the finger-bar imparts strength to resist torsion and give steadiness to the platform.

I claim as my invention—

A tubular finger-bar having flanges projecting from the front and rear thereof, substantially as described.

AARON MILLER.

Witnesses:

MINER F. MILLER,
MILTON H. COOLEY.