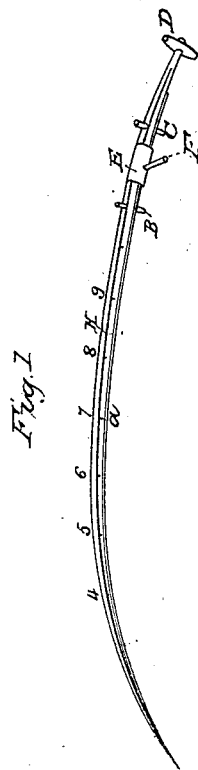


J. HOUGHTON.
Grain Cradle Finger.

No. 7,840.

Patented Dec. 17, 1850.



INVENTOR
Jos. Houghton

UNITED STATES PATENT OFFICE.

JOEL HOUGHTON, OF OGDEN, NEW YORK.

IMPROVEMENT IN GRAIN-CRADLE FINGERS.

Specification forming part of Letters Patent No. 7,840, dated December 17, 1850.

To all whom it may concern:

Be it known that I, JOEL HOUGHTON, of Ogden, in the county of Monroe and State of New York, have invented a new and useful Improvement in the Finger of a Grain-Cradle; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a perspective view.

As it is not necessary to describe the whole cradle, I shall confine myself to that part which contains the improvement in the finger.

Letter A represents a metallic plate inserted along in the edge of the finger nearly the whole length of it; B and C, the rods that pass through the fingers to hold them together; D, the post or upright piece that holds the back end of them; E, the clasp, to which the brace is attached; F, the brace. H is a

line showing how deep the groove is into which the plate is set.

Figs. 4, 5, 6, 7, 8, and 9 show the rivets that hold the plate in its place.

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

The insertion of a metallic plate into the edge of a cradle-finger by means of rivets or other fastenings, so as to keep the plate and finger permanently attached together and in their place, thereby effectually preventing the finger from straining or springing back when used in damp grain, preventing the grain from wearing it away, and preventing the grain from sliding endwise off the cradle before the cradler gets it round into his own swath.

JOEL HOUGHTON.

Witnesses:

J. FOOT,

HENRY E. WHITE.