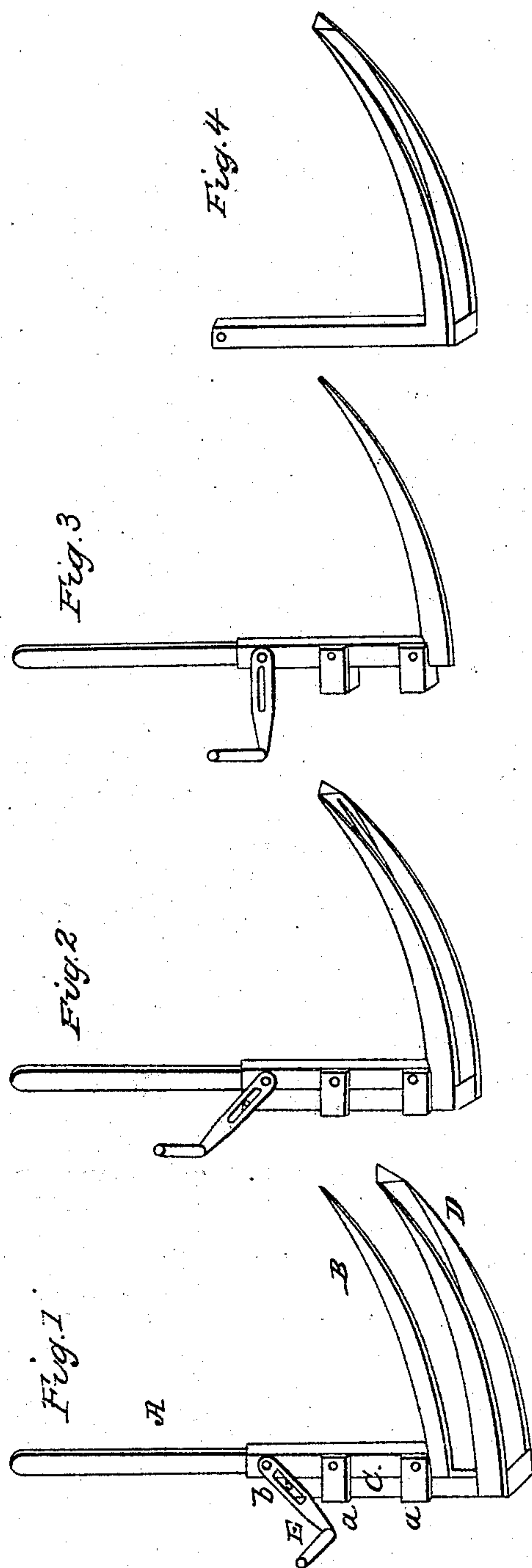


J. H. BENNETT.

Flax Harvester.

No. 3,890.

Patented Jan'y 23, 1845.



UNITED STATES PATENT OFFICE.

J. H. BENNETT, OF BENNINGTON, VERMONT.

IMPROVEMENT IN FLAX-PULLERS.

Specification forming part of Letters Patent No. 3,890, dated January 23, 1845.

To all whom it may concern:

Be it known that I, JAMES H. BENNETT, of Bennington, in the county of Bennington and State of Vermont, have invented a new and useful Instrument for Pulling Flax, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, viz:

A handle or staff, A, carries on its lower extremity one or more fingers, B, in shape and form resembling the fingers of the common cradle used in many parts of the country for harvesting grain. The staff carries, also, on its back two clamps, *a a*, which serve as guides for the movable part, C, which must slide freely in the clamps in the direction of its length. The movable part has also its fingers D, similar and parallel to the first, and receives its motion from the crank-neb, E, either by means of a pin, *b*, moving in a slot in the crank, or by a toggle-joint, as may be deemed most convenient. The fingers of the movable part should extend somewhat beyond the others and be united at their extremities; or the jaws may be made of solid pieces with grooves and ridges to correspond on their interior surfaces. In either case sufficient strength must be given to the parts to produce the desired effect, due regard being had to weight to avoid rendering it unwieldy.

Figure 1 represents the instrument open

ready to work; and this is the manner of using it: Seize the extremity of the handle with the left hand and the neb E with the right hand and swing it into the standing flax to a convenient distance. Then bring the neb E to the position shown in Fig. 2. The fingers or jaws will thus be so brought together and interlocked as to hold the flax firmly between them. Then a sudden jerk or twitch will tear the flax from the earth. Then, carrying the instrument with a motion similar to that used for depositing grain from a cradle, and opening the jaws, the flax may be dropped on the ground, and the operation recommenced. Fig. 3 represents the staff or handle, with its fingers, clamps, and neb; Fig. 4, the movable part of the instrument disengaged from its counterpart.

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

The manner of grasping the standing flax, for the purpose of pulling it, between the fingers or jaws by means of the movable part sliding in the clamps and receiving its motion in the direction of the handle from the crank-neb by means of a slot and pin or toggle-joint, as above set forth and described.

East Bennington, January 4, 1845.

JAMES H. BENNETT.

Witnesses:

E. N. BENNETT,
J. DOOLITTLE.