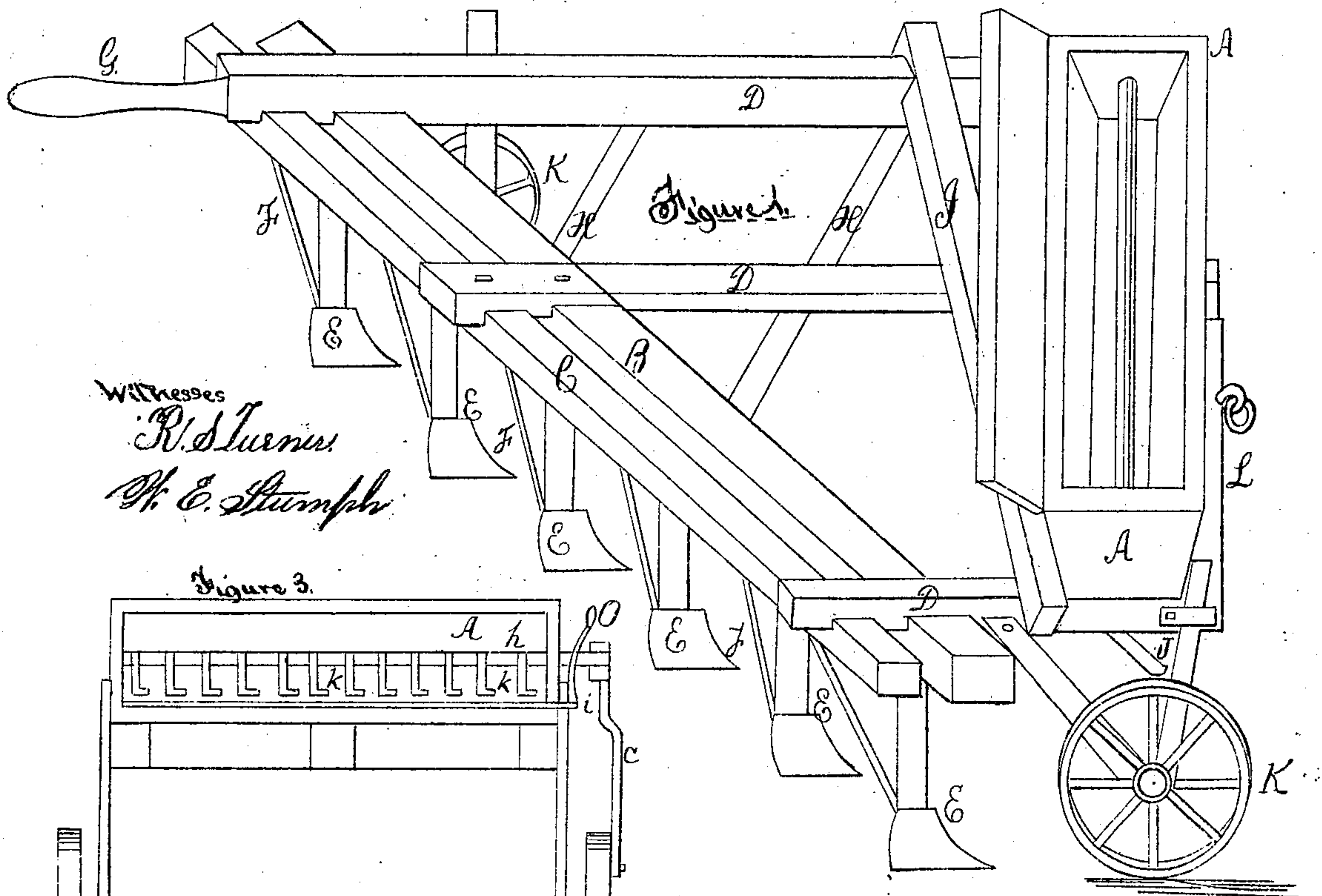
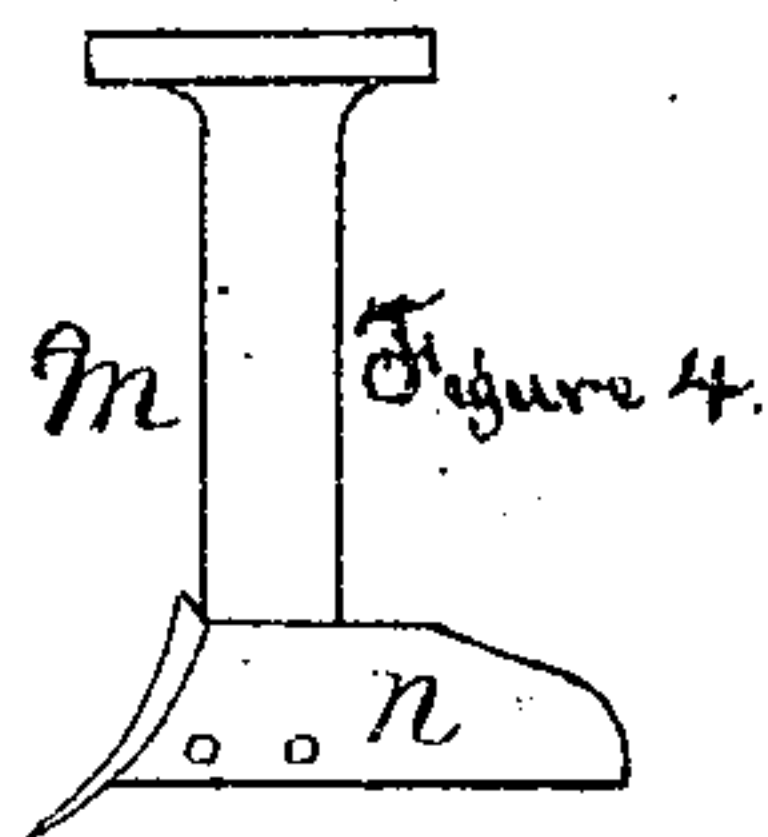
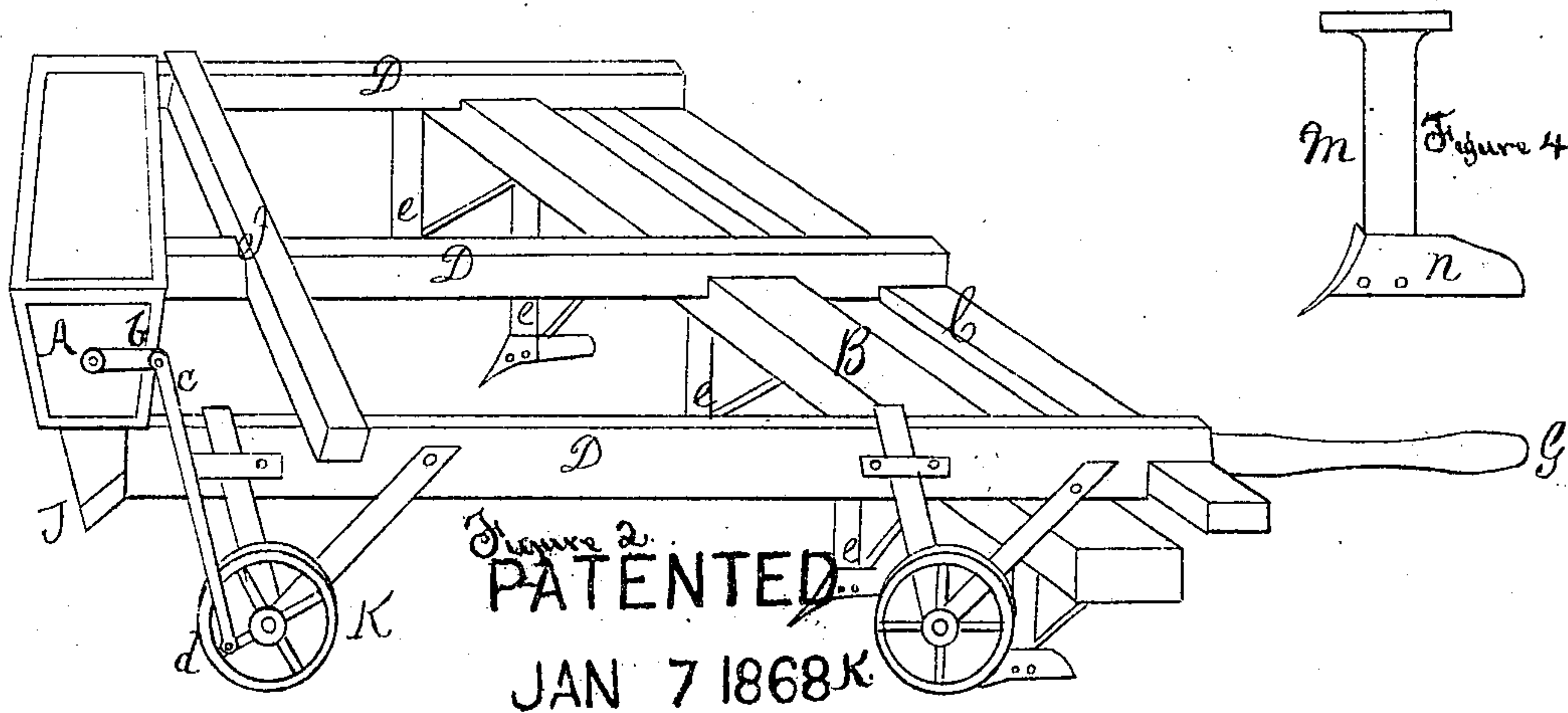


Henry D. Matteson

Seed Sower & Cultivator.

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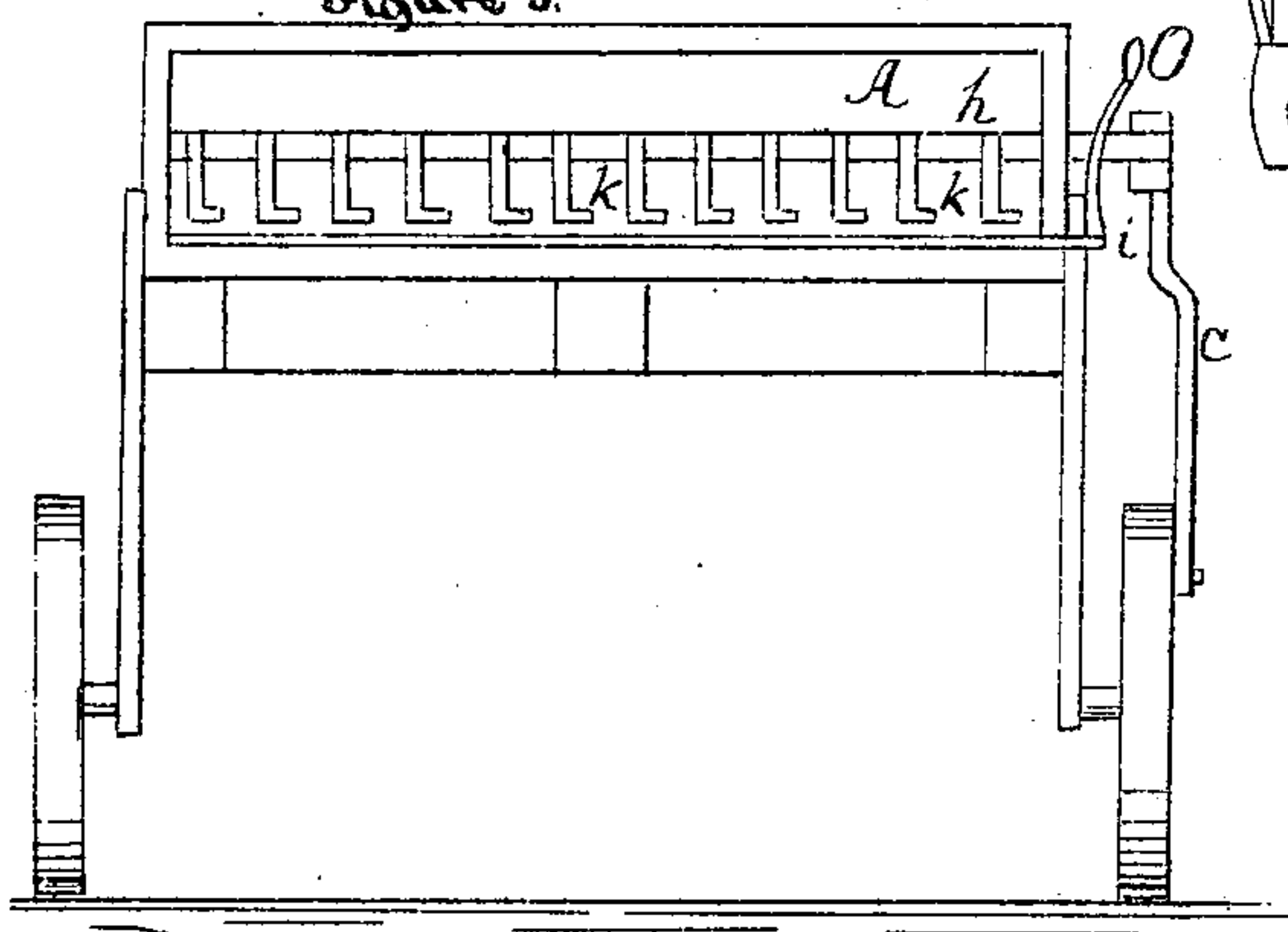


Witnesses

R. Turner.

W. E. Humphreys

Figure 3.



Inventor.

Henry S. Matteson, by
Brown & Beale, attys.

UNITED STATES PATENT OFFICE.

HENRY S. MATTESON, OF STOCKTON, CALIFORNIA.

IMPROVEMENT IN SEEDER AND CULTIVATOR.

Specification forming part of Letters Patent No. 73,020, dated January 7, 1868.

To all whom it may concern:

Be it known that I, HENRY S. MATTESON, of the city of Stockton, in the county of San Joaquin and State of California, have invented a new and improved Seed-Sower and Cultivator; and I do hereby that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a perspective view of my invention. Fig. 2 is a reversed view of the same. Fig. 3 is a front view of the seed-sower, and Fig. 4 is a side view of the cultivator-standard with land-side attached.

A A in Fig. 1 represent the chest in which the seed is put. D D D represent the beams to which the chest A A is fastened. C B are beams framed diagonally with beams D D D. H H are iron braces fastening beams D to beams B. L is an iron bar bolted to frame D D, by which the machine is drawn. E represent cultivator-standards, with cultivator-points, attached to beam B. F represent iron braces, the lower ends of which are attached to the lower ends of the standards, while the upper ends are bolted to beam C. K K represent iron wheels that run on the ground and hold up the machine. J represents the end of the board upon which the seed is allowed to fall for the purpose of scattering it. G represents a handle by which the machine is guided. I represents a cross-beam framed to D, holding the same together.

D in Fig. 2 represent three beams arranged lengthwise. I represents the cross-beam bolted to D. A represents the seed-chest. b

represents an iron crank. c represents a connecting-rod. d represents a pin by which the lower end of connecting-rod c is attached to wheel K. The pin d is attached to wheel K, for the purpose of giving an oscillating motion to crank b. e represent the sides of the standards to which the land-sides are bolted. C B represent the beams that hold up the standards e. G represents the handle that guides the machine. J represents the seed-board.

A in Fig. 3 represents the seed-chest with the front side taken off. h represents a wooden shaft provided with iron pins k, which have crooked ends for stirring the seed. c represents the connecting-rod by which the motion is given to the wooden shaft h. i represents an iron slide with holes through to gage the sowing of the seed. O represents the handle by which the slide i is moved.

M in Fig. 4 represents the standard. N represents the land-side attached to standard M.

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

1. The beams C B, in combination with beams D and cross-beams I, with draw-bar L.

2. The chest A, wooden shaft h, and iron slide i, in combination with crooked pin k, handle O, crank b, connecting-rod c, when used and arranged for the purpose herein specified.

HENRY S. MATTESON.

Witnesses:

R. W. BROOKS,
GEO. E. CHILDS.