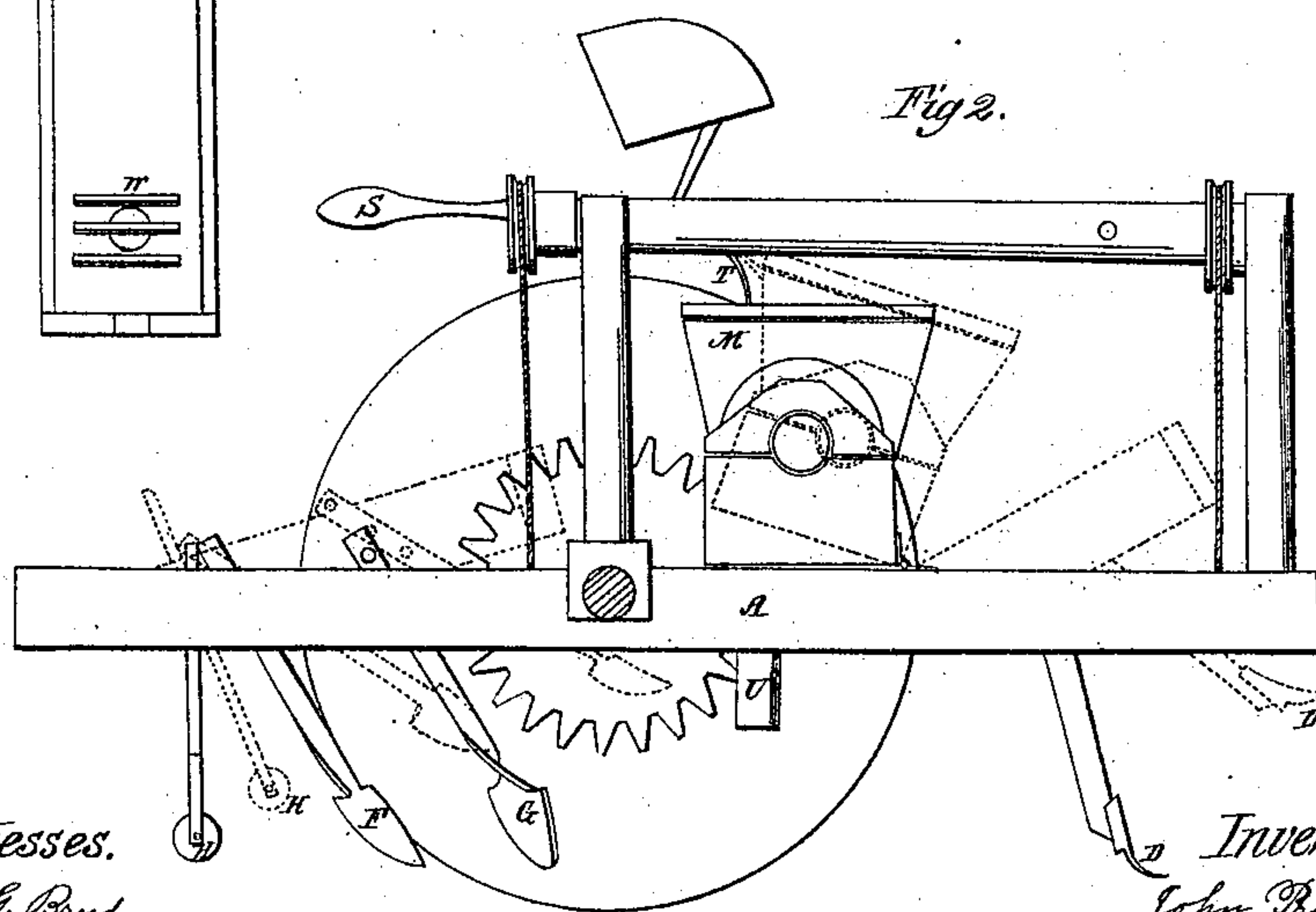
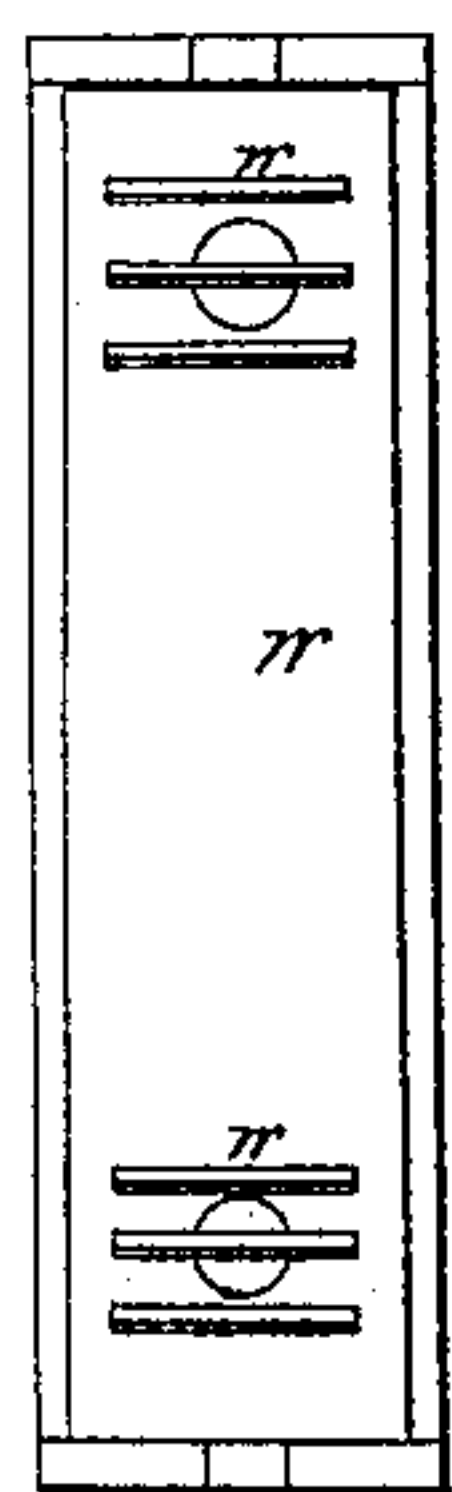
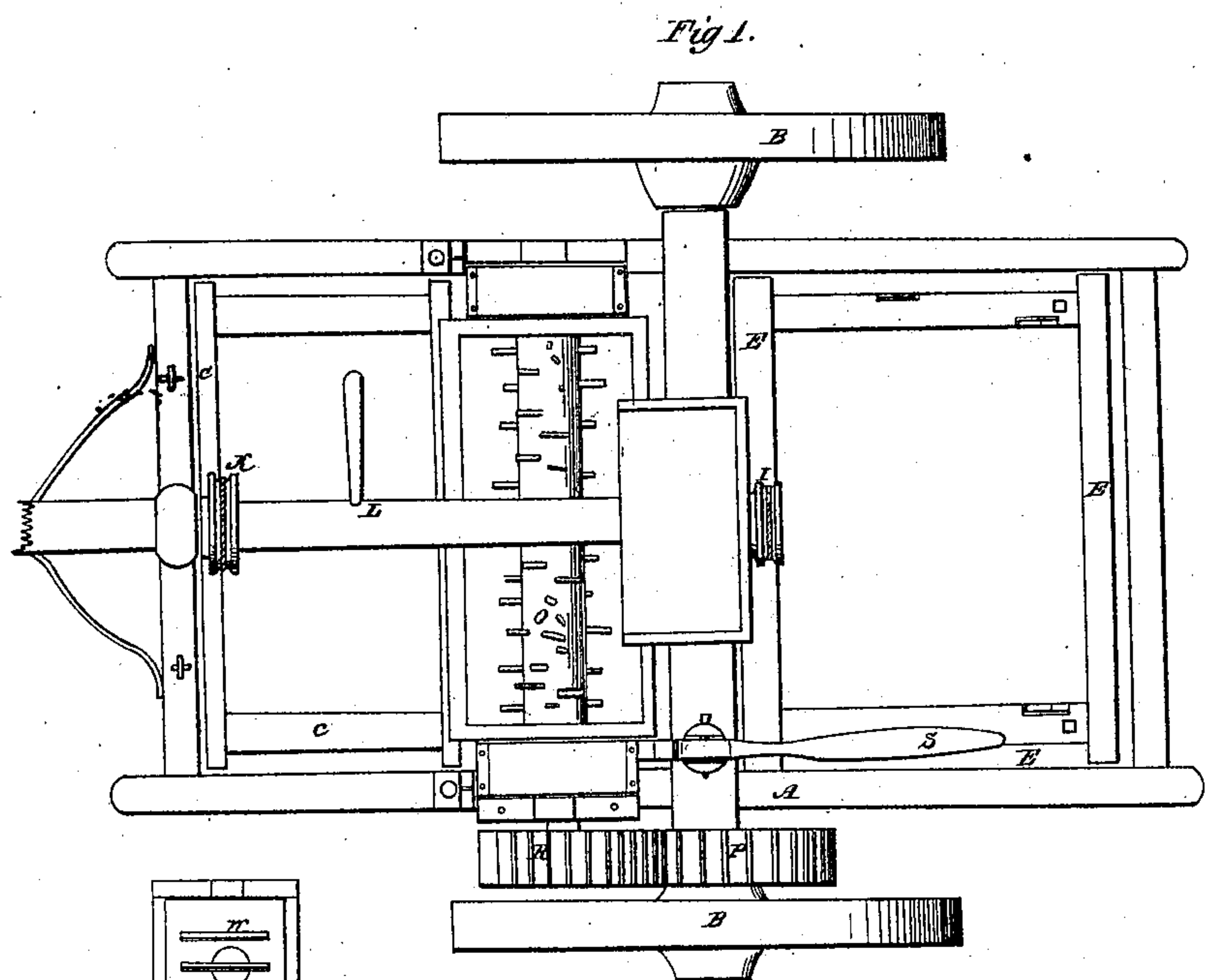


J. PRICE.
Cotton Planter.

No. 52,318.

Patented Jan. 30, 1866.



Witnesses.

*G. Breed
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Inventor.

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Daniel Breed Atty.*

UNITED STATES PATENT OFFICE.

JOHN PRICE, OF NEW HARRISBURG, OHIO.

IMPROVEMENT IN COTTON-SEED PLANTERS.

Specification forming part of Letters Patent No. 52,318, dated January 30, 1866.

To all whom it may concern:

Be it known that I, JOHN PRICE, of New Harrisburg, in the county of Carroll and State of Ohio, have invented a new and useful Improvement in Cotton-Seed Planters; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My invention consists in a peculiar arrangement of shovel-plows and rollers upon hinged frames, in connection with a spiked feed-roller, for planting cotton-seed, the frames and roller being capable of swinging up in order to throw the plows out of the ground and the roller out of gear.

In the accompanying drawings, Figure 1 is a top view of my machine. Fig. 2 is a side view of the same with one wheel removed, so as to better show other parts. Fig. 3 is a detached view of the staples in the bottom of the feed-box.

In the construction of my machine the main frame A may be mounted upon the traveling wheels B in the usual manner. In front of the axle is a hinged frame, C, carrying two shovels, D, for opening the furrows for the seed, and in the rear of the same is another hinged frame, E, carrying four shovel-plows, F G, Fig. 2, for covering two rows of seed. These coverers are followed by two rollers, H. Both of these hinged frames may be raised by means of pulleys J and K, operated by crank-lever L, in order to throw the plows or shovels out of the ground, as seen in red lines, Fig. 2.

The feed-box M is provided with a spiked roller, O, which is set in motion by the cog-wheels P and R, Fig. 1. The spikes upon this roller produce a combing action upon the fibers of cotton attached to the seeds, and thus prevent the latter from adhering together and choking the machine.

The entrances to the feed-tubes are guarded by two wire staples, W, Fig. 3, and the spikes of the roller, passing between these staples, constantly clear the entrances and secure uniformity of feeding. Both the feed-box and roller may be swung up, as shown in red lines, in order to throw the cog-wheels out of gear and stop the flow of the seed. This motion may be produced by means of a lever, S, and a strap or cord, T.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

1. The spiked roller, in combination with the staples or their equivalents, for feeding the cotton-seed into the seed-tubes without clogging, substantially in the manner set forth.

2. The arrangement of the feed-box and spiked rollers, in combination with the cog-wheels and lever S, substantially as described, for the purposes specified.

3. The combination of the frames C and E and the pulleys J and K, arranged and operated substantially as set forth.

JOHN PRICE.

Witnesses:

JOHN STERLING,
GEO. H. TETER.