

S. SMITH, Jr.
Seed-Planters.

No. 148,766.

Patented March 17, 1874.

Fig. 1.

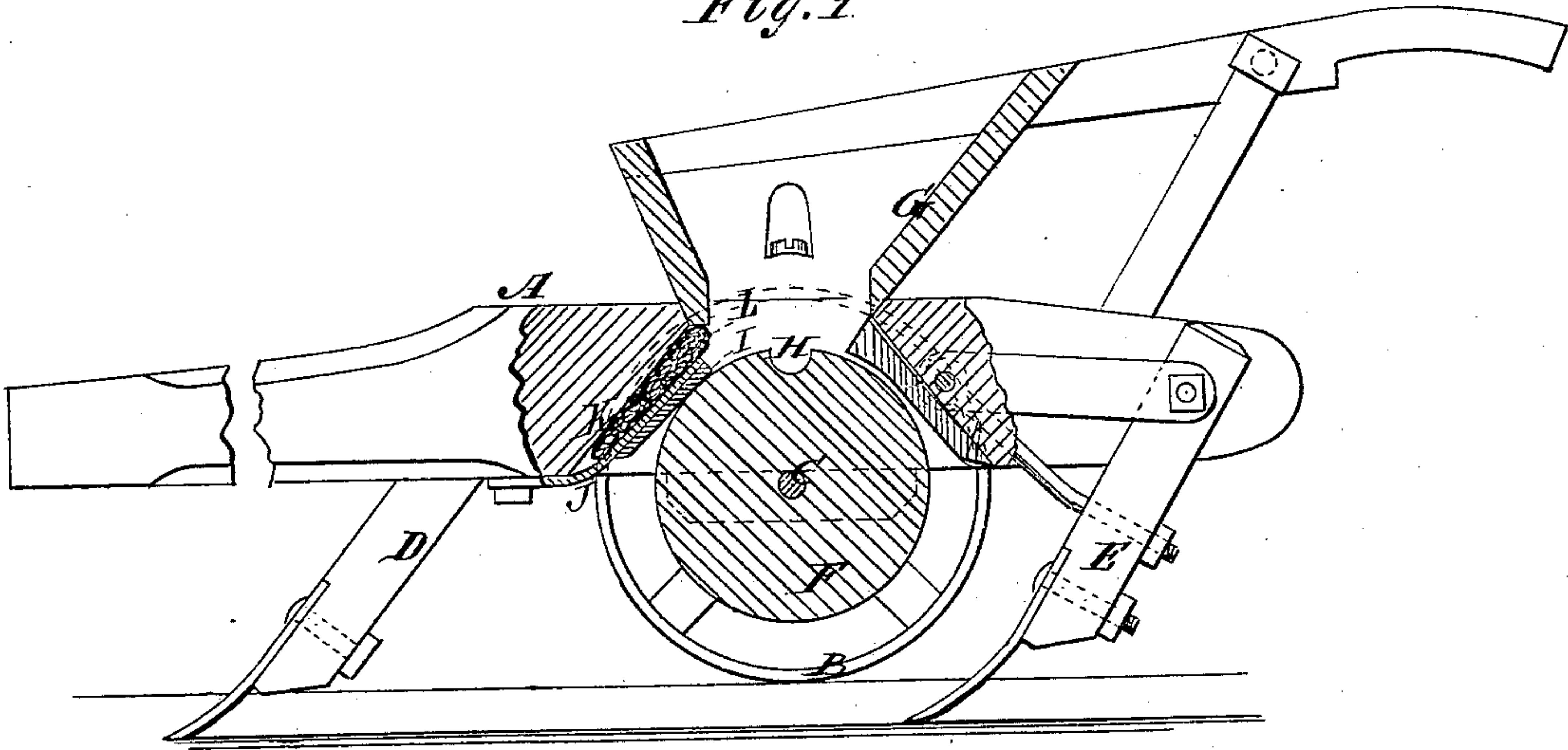
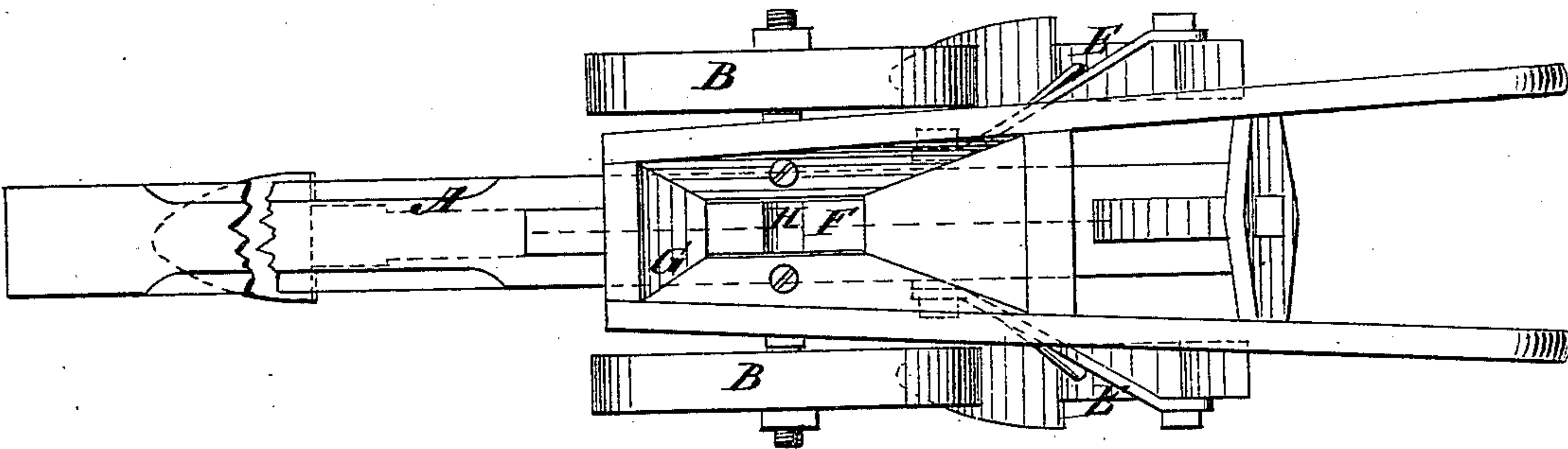


Fig. 2.



Witnesses:

E. Wolff.
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PER

UNITED STATES PATENT OFFICE.

SIMEON SMITH, JR., OF NEWBURG, TENNESSEE.

IMPROVEMENT IN SEED-PLANTERS.

Specification forming part of Letters Patent No. **148,766**, dated March 17, 1874; application filed September 13, 1873.

To all whom it may concern:

Be it known that I, SIMEON SMITH, Jr., of Newburg, in the county of Lewis and State of Tennessee, have invented a new and Improved Seed-Planter, of which the following is a specification:

The invention will first be fully described, and then pointed out in the claim.

Figure 1 is a longitudinal sectional elevation of my improved machine. Fig. 2 is a plan view.

Similar letters of reference indicate corresponding parts.

A is the beam; B, the truck-wheels; C, the axle; D, the front furrow-opening plow; E, the covering-plows; F, the seed-disk; G, the hopper; H, the pocket in the hopper; I, the cut-off pad; J, the spring; K, the recess behind

the spring; and L, the flexible material in the recess behind the spring, to keep the space full to exclude the grain, and allow the spring to work forward and back, to allow the grain to pass under the pad freely, and prevent any catching and cutting or breaking of the grain.

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

The combination, with a hopper, G, and seed-disk F H, relatively arranged as shown and described, of the beam A, having recess K, filled with compressible material L, the spring J, and the cut-off pad I, as and for the purpose described.

Witnesses: SIMEON SMITH, JR.

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