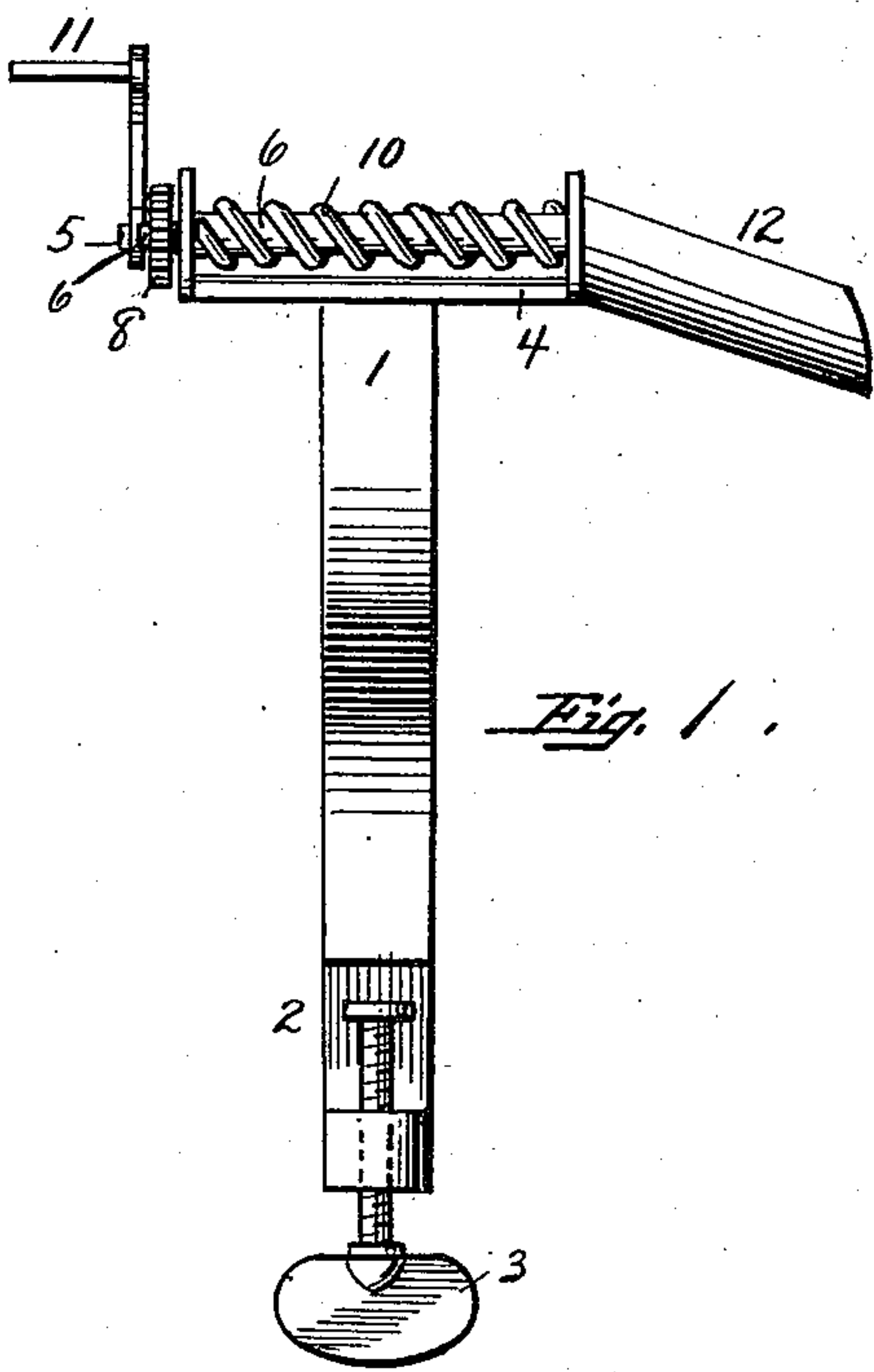


(No Model.)

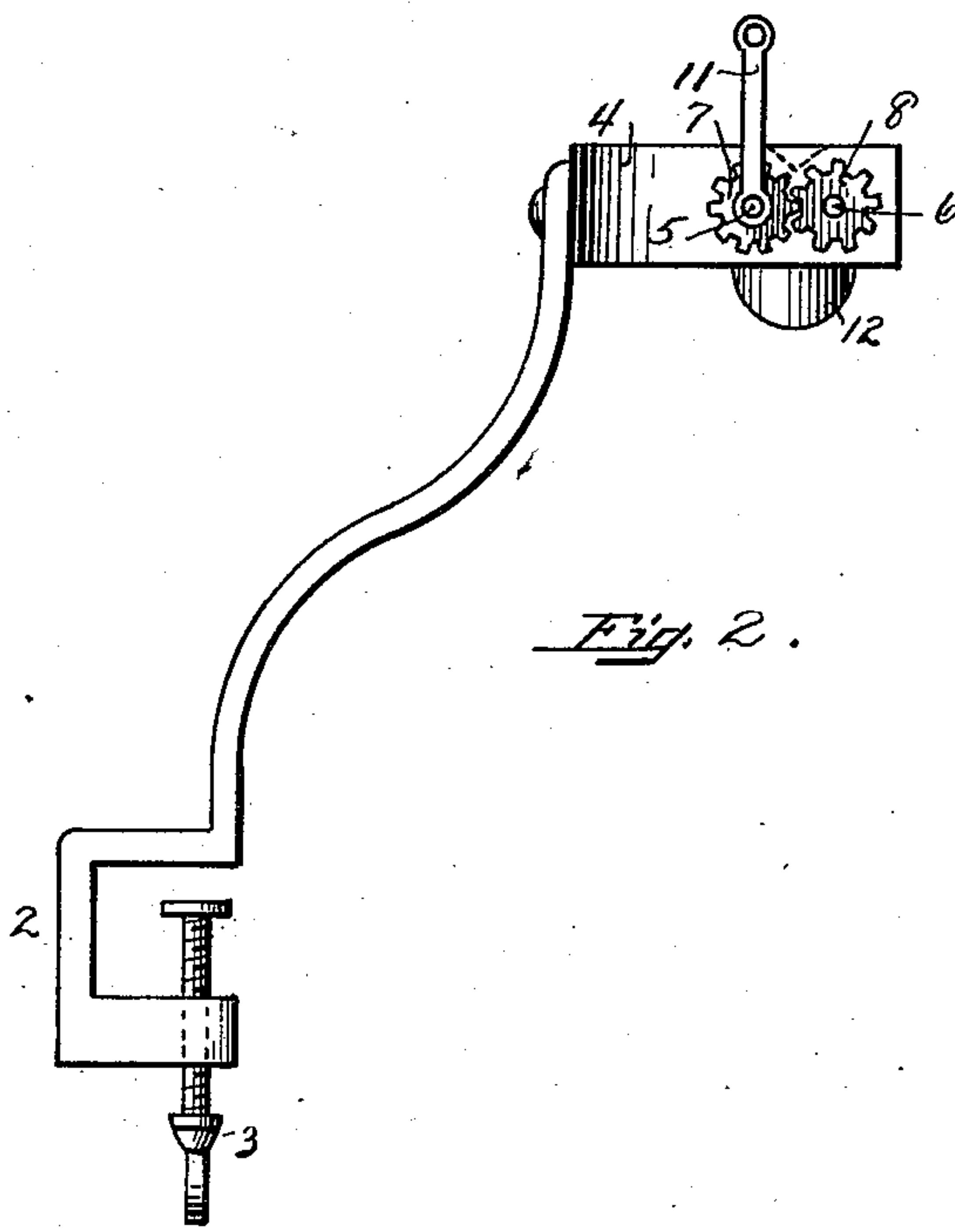
G. A. ALGER.  
RAISIN SEEDER.

No. 557,321.

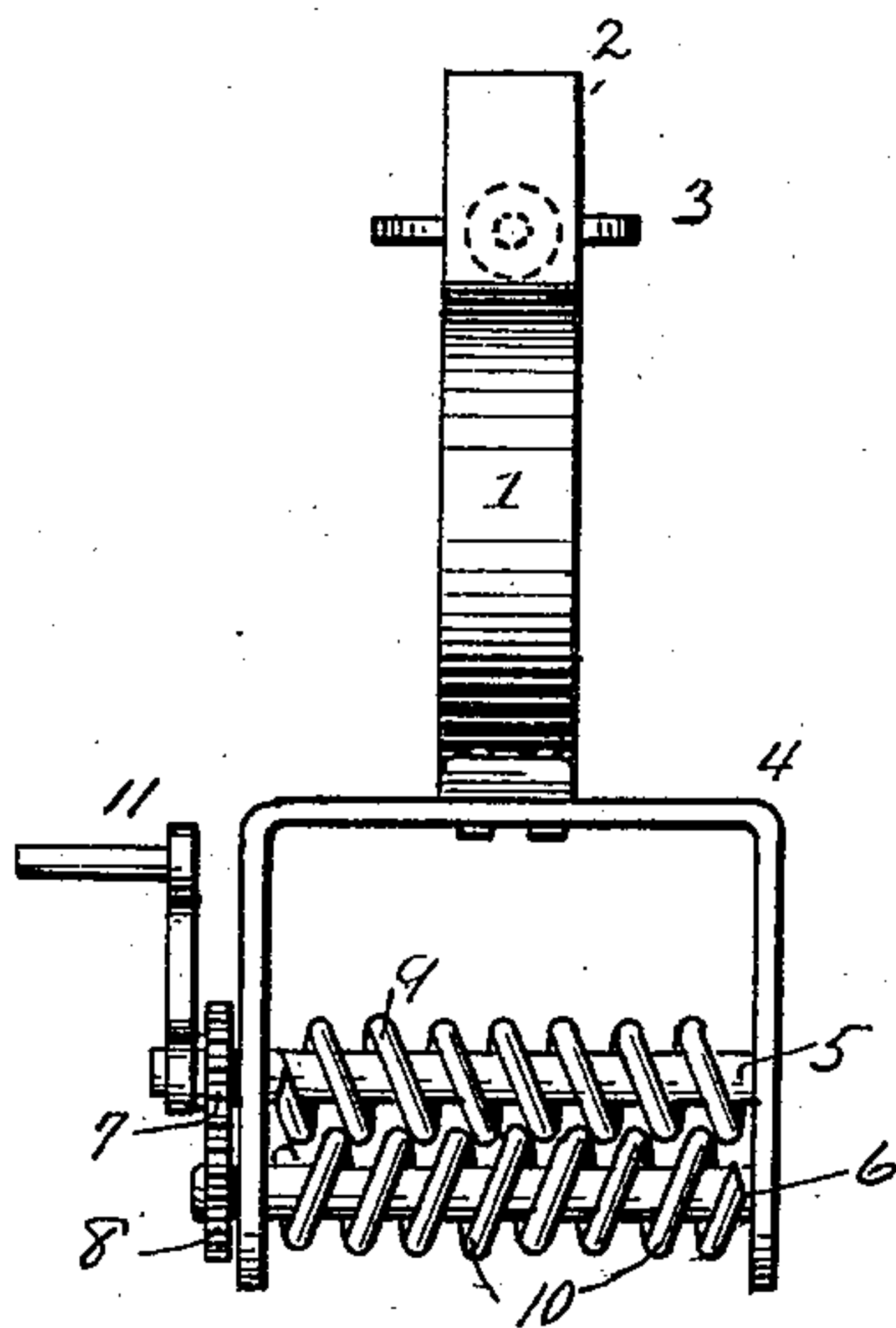
Patented Mar. 31, 1896.



*Fig. 1.*



*Fig. 2.*



*Fig. 3.*

Witnesses:  
H. Snyham  
J. H. Orrin

Inventor:  
George A. Alger

# UNITED STATES PATENT OFFICE.

GEORGE A. ALGER, OF FITCHBURG, MASSACHUSETTS.

## RAISIN-SEEDER.

SPECIFICATION forming part of Letters Patent No. 557,321, dated March 31, 1896.

Application filed May 24, 1895. Serial No. 550,580. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE A. ALGER, a resident of Fitchburg, in the county of Worcester and State of Massachusetts, have invented a new and useful Improvement in Raisin-Seeders, of which the following, taken in connection with the accompanying drawings, is a specification.

My invention relates to an improvement in raisin-seeders; and the objects of my improvement are to provide means whereby the seeds may be quickly separated from the pulp of the raisin and be deposited in any suitable place, and also to adapt the mechanism to speedy and durable use. I attain these objects by means of the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of my mechanism; Fig. 2, an end elevation of the same; Fig. 3, a top view of the same.

Similar figures refer to similar parts throughout the views.

1 is a bracket of convenient shape and form and preferably of metal, provided with a holder 2, through which operates the thumb-screw 3, said holder being provided with a suitable threaded bore for said screw 3.

4 is a metal frame fixed to the upper end of the bracket 1 and of convenient form and of the size and shape suitable to contain the parts of the mechanism.

5 and 6 are shafts resting in the sides of frame 4 and rotating therein and provided on the one side, without the frame 4, with cog-wheels 7 and 8, respectively, the teeth of one meshing with those of the other, thus rotating said shafts when desired in opposite directions to each other. Within said frame, on said shafts 5 and 6, are the worms 9 and 10, respectively, which may be of wire soldered on the shafts or formed entire with said shafts. On the shaft 5, at its outer end, is the crank 11, by which the shaft may be rotated.

12 is a trough fixed to the ends of the side of the frame 4 and adapted to receive the seeds when separated.

The holder being placed over the edge of a table or desired place, the thumb-screw 3, being turned as required, keeps the mechanism firm in place. A cup or other receptacle, if desired, being placed under the end of the trough 12, the raisin is pressed by hand upon the worms 9 and 10 and the shafts 5 and 6 are revolved in opposite directions by the cogs 7 and 8, arranged as described. The crank 11 being turned by hand revolves the shaft 9 and thus actuates the movement of the mechanism. The raisin is caught by the worms 9 and 10 and the pulp carried through to the place on the table immediately beneath, while the seeds are pressed out and borne along upon the worms to the trough 12.

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

The improved raisin-seeder herein described, consisting of the following elements in combination, viz: the metallic frame 4, worm-cylinders 5, 6, mounted therein, having rounded or wire-like intermeshing right and left worms 9, 10, intermeshing gears 7, 8, crank-arm 11, chute 12, and bracket-support 1 with clamp 2 and clamp-screw 3 as a means of attachment to a table, all constructed and arranged substantially as and for the purpose specified.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, on this 26th day of March, A. D. 1895.

GEORGE A. ALGER.

Witnesses:

H. DUNHAM,  
J. M. PRIOR.