

9882X

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Fig. 1.

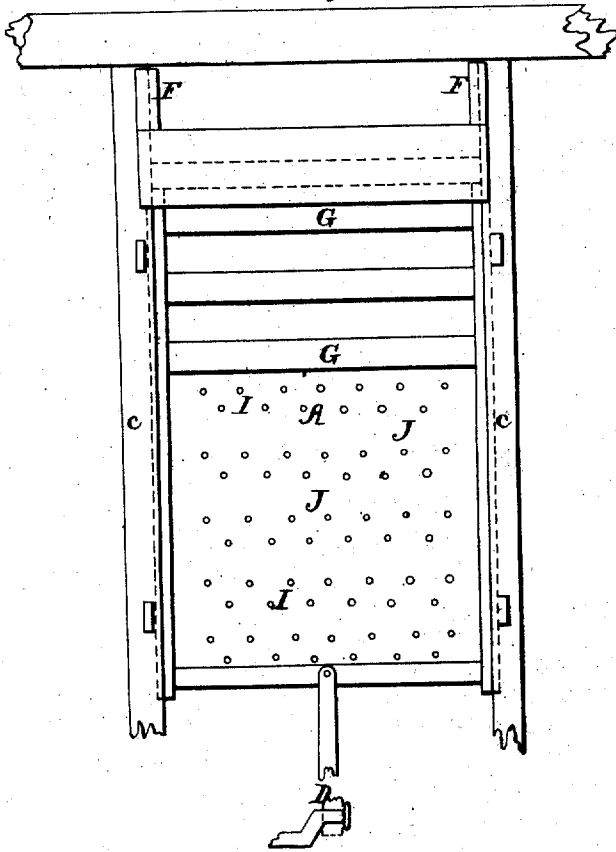
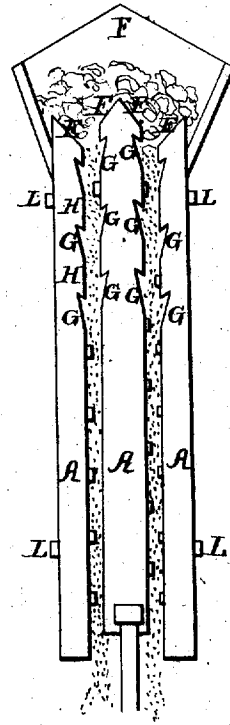


Fig. 2.



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the one will be kept in motion between them by the operation
of the crank D. as applied in the ordinary Saw Mill.
The combination of the three Shafts and therefore
will describe as such so that the rubber will be all for-
ward alike after the following improved form. By the top
per end of each outside one is brought to an edge by a hook
E from the inside so that it will thus form a sharp one
for more easily penetrating the logs of seed that will be
placed in the hopper. It above the rubber. At small space
below this head is formed another one as at A. through with
less slope than the one just mentioned, and is formed
according to the representation in section at Fig 2 as to
form an angular channel or cavity in the upper or hook
edge of which some I. descend down and obtain ingress thus
the operation of the middle roller may introduce. One of
these heads or channels. Any three or more, are placed
one below the other with intervals as at B. the remain-
ing space is then to the bottom of the rubber is to be fitted with
rows of nails as at C. also having intervals which are to
be repeated to the end of the shaft of that iron the may be
used instead of the nails by roughening the surface that they
may hold to the seed, which I perform by the use of a
shaped chisel, which shall form out such a pattern as to
project like into a spike for the purpose mentioned.
The difference of the center or movable roller consists in hav-
ing each side armed with an angular channel &c. & the
edge or top made by a double head and from which side the
seed easily to penetrate the shells &c. which will by the
crank motion to the middle roller draw the seed between
the rollers on each side pass the hopper. where it will
be restrained from rising out again by the channels
ways. Springs &c. are applied to the parts as at D. for upon
the side rollers (which are stationary) for the purpose of p.

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ing them against the middle one in order to produce
more friction amongst the seeds.

What I claim as my invention and for which I claim
a Patent is the improvement above set forth
in the introduction of the lateral channels, with the lower
edges at the upper part of each nut for the circulation
of the feeding process, and likewise for the extension of the seed
hulls when once fed in. In testimony that the above
is a full description of my improvement as in and by
I have hereunto set my hand

Witness

Henry Stone

B. H. Marshall

William Francis

(814 words)

Drawing