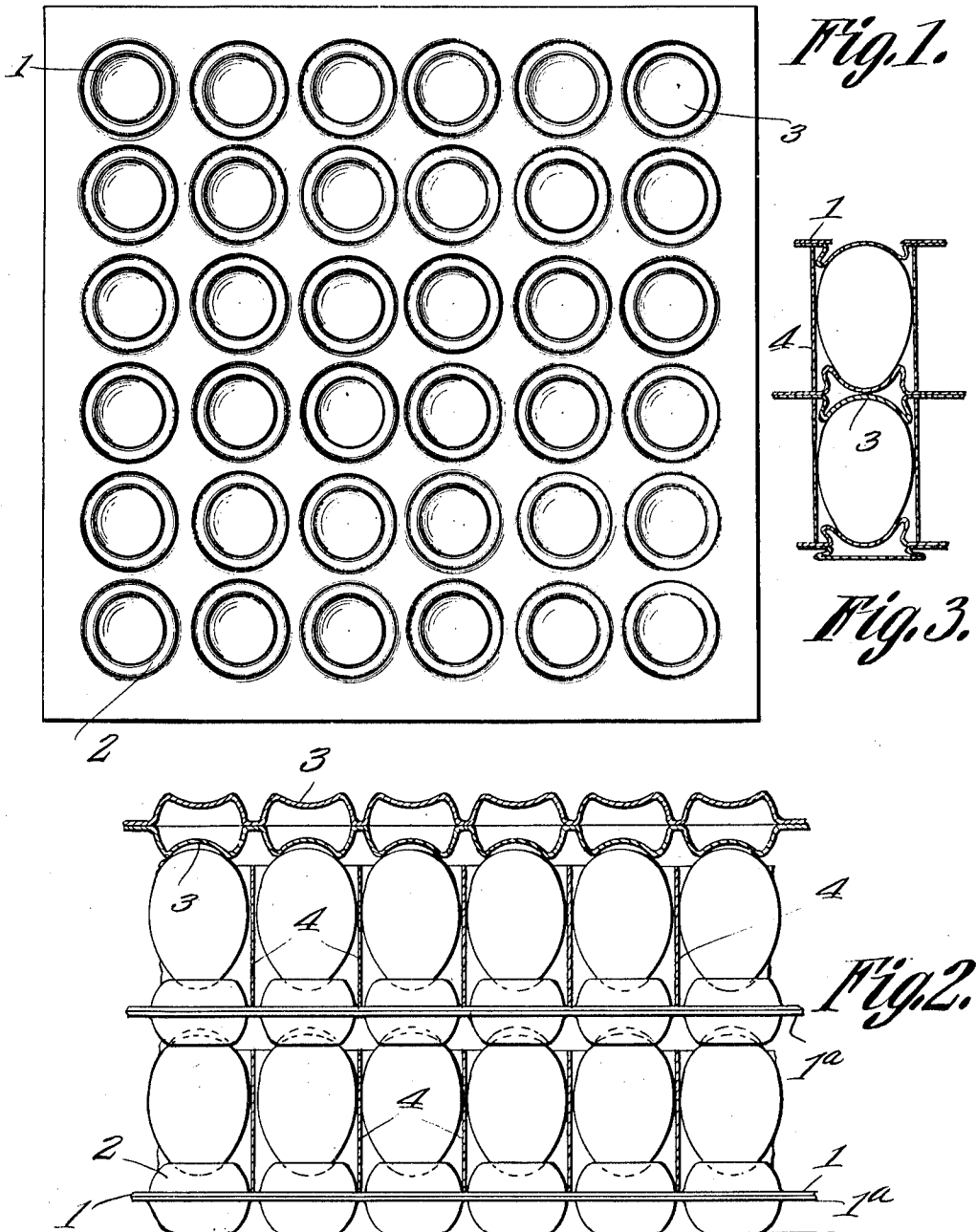


J. J. MILLER.
EGG SAVING PACKER.
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1,026,359.

Patented May 14, 1912.



Witnesses
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UNITED STATES PATENT OFFICE.

JEROME J. MILLER, OF OMAHA, NEBRASKA.

EGG-SAVING PACKER.

1,026,359.

Specification of Letters Patent.

Patented May 14, 1912.

Application filed July 10, 1911. Serial No. 637,837.

To all whom it may concern:

Be it known that I, JEROME J. MILLER, a citizen of the United States, residing at 1431 South Eleventh street, Omaha, in the county of Douglas and State of Nebraska, have invented a new and useful Egg-Saving Packer, of which the following is a specification.

This invention relates to improvements in egg cases for packing eggs for transportation.

The object of the invention is to effectively provide against the breakage of the eggs in transit or transportation, as well as casually, in depositing or placing them within the shipping case.

A further object is to allow of delivering or exerting the retaining pressure to, or upon the ends of the eggs.

A still further object is to provide for handling the egg-containing cases expeditiously and with facility and less liability of breakage of the eggs therein than could otherwise be effected.

A still further object is to prevent "checking" the eggs while dropping into the filler, provision being made to break the force of the fall thereof.

A still further object is to provide for the ready adjustment or accommodation of the device to eggs of different sizes.

A still further object is to readily adapt the device to use in connection with the standard fillers, or any in common or general use also without the use of additional filling or packing, thereby avoiding further cost for packing purposes.

A still further object is to provide for the retention of the eggs in a better state of preservation than would otherwise be the case.

A still further object is to preserve the eggs against mold usually adhering to those which have been long packed, due to leaking eggs.

A still further object is to carry out the aforesaid ends in a simple, economical and effective way.

The invention consists in certain instrumentalities and features substantially as hereinafter fully disclosed and defined by the claims.

In the accompanying drawing illustrating the preferred embodiment of my invention wherein it will be understood that various changes and modifications may be made

therein as relates to the detailed construction and arrangement of the parts without departing from the spirit of my invention—
Figure 1 is a plan view of the device. Fig. 2 is an elevational view thereof, partly in section, more fully disclosing the constituent members of the device or cushion formed thereby. Fig. 3 is a detailed sectional elevation, disclosing a number of the cushions and the packed objects or eggs received therebetween.

In carrying out my invention, I form from suitable material, preferably card or straw board of usual thickness, a blank member 1, the same initially being shaped to suitably conform to the inside of, and be received within the egg case, (not shown) such outline being generally disclosed by Fig. 1. The card-board blank or member 1 is suitably passed between specially devised rollers (not shown) and has impressed or rolled therein at or during its initial passage, numerous circular upraised or embossed-like formations or corrugations 2. These latter are produced at suitable intervals apart, say about an inch and three fourths, the same ranging in either direction along the blank or member 1, and projected about half an inch or more, as practical use may suggest. The blank or member 1 has impressed or rolled therein, during a second passage thereof between the rolls, depressions or cavities 3, a cavity or depression indenting each elevation or corrugation 2 just centrally thereof, as clearly disclosed especially in Fig. 2, the depressions or cavities being adapted to conform to, and receive the eggs endwise, as also seen in this figure for their suitable retention individually in such position when placed or inserted within the cells of the filler 4, the filler of the standard or ordinary form being available for use in this connection, or a filler of any preferred or approved form may be employed as desired. A second like card-board blank or member 1^a is similarly or correspondingly conformed or treated as the aforesaid blank or member, resulting in the exact counterpart or duplication of the latter, the two blanks or members being then suitably united back to back, preferably by pasting, the two members being used inseparable and forming the unitary device or cushion for the eggs, an intermediary space thus resulting, whereby, it is apparent that the members 1, 1^a may be fur-

ther centrally depressed or compressed as pressure is delivered or imparted to the superposed or interposed eggs, as will be readily appreciated.

5 In the packing operation, a cushion or "packer" forming member is first inserted into the egg-case, the same resting upon the bottom of the latter, a filler then being introduced, its lower edges resting upon the
10 plane or uncorrugated portions of said cushion, the cavity or depression forming portions of the cushion thus being received within the lower portions of the cells of said filler to receive the lower ends of the
15 eggs, which are now placed within the cells of the filler. A second cushion or "packer" forming member is next placed upon the upper ends of the eggs, pressure then being applied to the cushion-forming member, for
20 forcing the eggs downwardly until the cushion forming member is in contact with the upper edge of the filler. A second filler is inserted in like manner as the first and a succeeding or another layer of eggs is introduced to rest upon the last inserted
25 cushion, and a third cushion forming member disposed upon this layer of eggs, pressure applied thereto for forcing downwardly the same until said cushion engages the filler, the same procedure being continued until
30 the egg case is filled, when its closure is suitably placed in position under pressure, for fastening.

35 The many advantages and benefits of my invention have been above set forth, it only being necessary possibly to state further that it will be noted that it is characterized for its extreme simplicity, accordingly inex-

pensive of manufacture, is readily and expeditiously applied for use and is effective 40 for its intended purpose. It is noted, in particular, that the device forming a cushion which is compressible, the casual dropping of an egg, or eggs into the egg case in handling the eggs will not result in the breakage 45 of the egg or eggs as would otherwise occur, the cushioning effect thus provided serving to break or neutralize the force of the fall of the egg or eggs.

What is claimed:

1. A device of the character described, including duplicate members having numerous opposed circular corrugations, said opposed circular corrugations having central 50 depressions therein, said members being secured together back to back and adapted to provide a cushioning space therebetween. 55

2. In an egg-packing case, opposed members of yieldable material, each having formed therein numerous upraised formations of circular outline, said upraised formations having centrally therein concavities forming depressions for the reception of the eggs in endwise upright position, the upraised formations of the opposed members 60 being adapted to provide spaces therebetween, said concavities being of less depth than said spaces. 65

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses. 70

JEROME J. MILLER.

Witnesses:

JOHN A. GILLESPIE,
C. W. FARWELL.