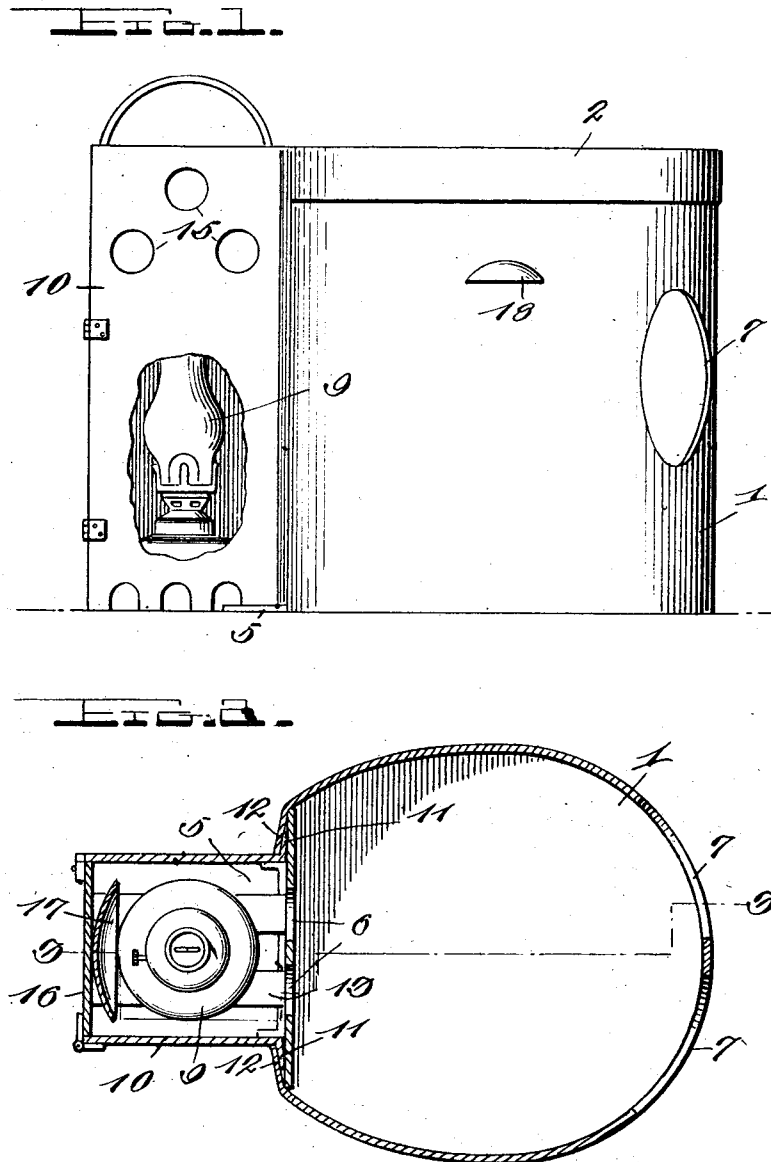


J. D. SUITER.
 EGG TESTER.
 APPLICATION FILED NOV. 18, 1911.

1,052,766.

Patented Feb. 11, 1913.

2 SHEETS—SHEET 1.



Inventor
J. D. Suiter,

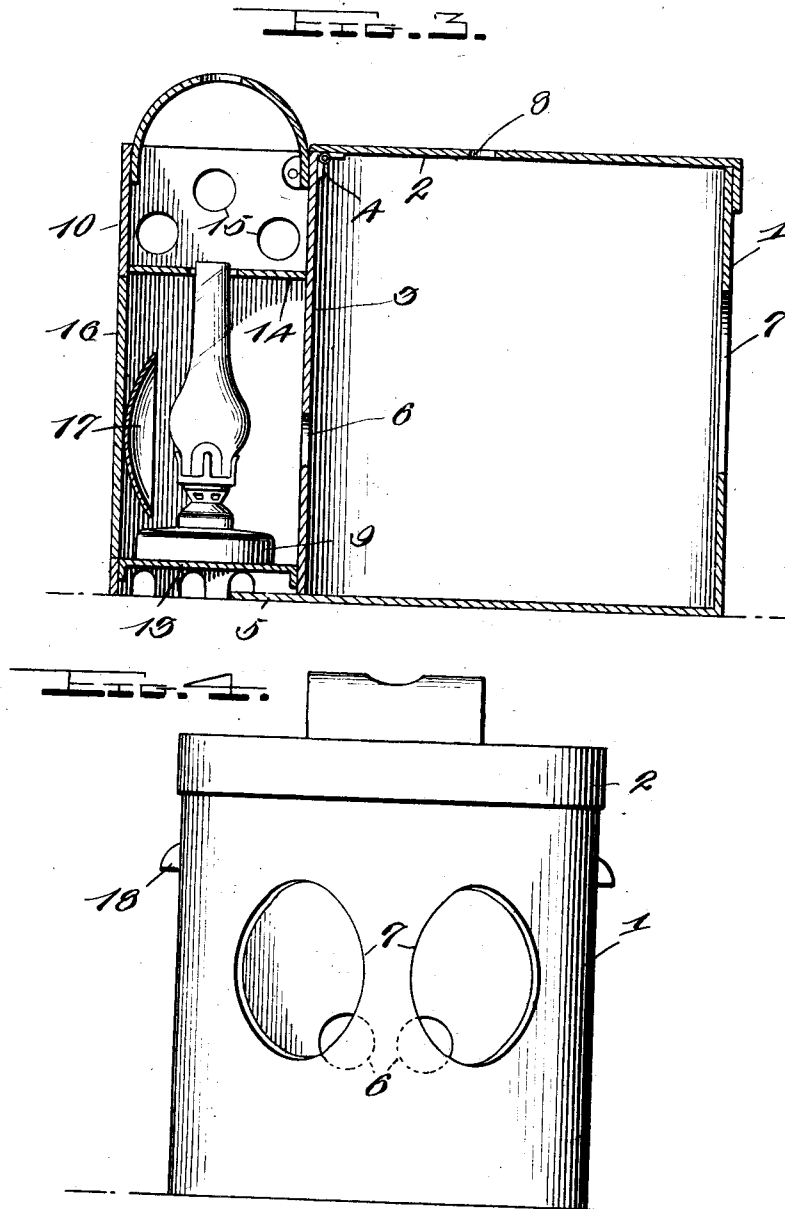
Witnesses
Chas. L. Griesbauer
L. H. Ellis.

By *Watson E. Coleman.*
 Attorney

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UNITED STATES PATENT OFFICE.

JOHN D. SUITER, OF ICONIUM, MISSOURI.

EGG-TESTER.

1,052,766.

Specification of Letters Patent.

Patented Feb. 11, 1913.

Application filed November 18, 1911. Serial No. 661,023.

To all whom it may concern:

Be it known that I, JOHN D. SUITER, a citizen of the United States, residing at Iconium, in the county of St. Clair and State of Missouri, have invented certain new and useful Improvements in Egg-Testers, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to new and useful improvements in the art of preserving and more particularly to an egg tester, and my object is to provide a device of this character which is simple in construction and thoroughly efficient and useful in operation.

A further object of the invention resides in providing a housing, the inner walls of which are darkened, said housing being provided with light entrance openings therein, and a further object resides in providing the housing with means for the entrance of the hands of the operator therein and also with a sight duct.

A still further object of the invention resides in providing illuminating means adapted for attachment to the housing immediately adjacent the light entrance openings therein.

Still another object of the invention resides in providing a device which is simple and durable in construction, inexpensive to manufacture, and one which will positively accomplish the results for which the same is designed.

With these and other objects in view, my invention consists in the novel features of construction, combination and arrangement of parts as will be hereinafter referred to and more particularly pointed out in the specification and claims.

In the accompanying drawings forming a part of this application, Figure 1 is a side elevation of the device having a portion thereof broken away to disclose the position of the lamp. Fig. 2 is a horizontal section of the same. Fig. 3 is a vertical section there-through as seen on line 3-3, Fig. 2, and, Fig. 4 is a front elevation of the device.

In carrying out my invention, I shall refer to the drawings in which similar reference characters designate corresponding parts throughout the several views and in which 1 indicates a housing of any preferred size and design having a top 2 hinged to the rear wall 3 of the housing by means

of the hinges 4, and the bottom of said housing is projected a slight distance beyond said rear wall, as shown at 5. The inner faces of the walls of said housing are entirely darkened in any preferred manner, while the rear wall 3 is provided with a pair of openings 6 to admit light within the housing, and the wall of the housing opposite that having the openings 6 therein, is provided with a pair of enlarged openings 7 to admit of the hands of the operator being entered within said housing to hold an egg therein. The top or closure 2 for the housing is provided with a sight opening 8 which may be disposed in any desired position thereon and it will be seen that by the operator passing his hands through the openings 7 and holding eggs within or immediately adjacent the light openings 6, sight may be had therethrough from the aforesaid opening 8.

It will be appreciated that in order to effectively operate this device, a strong light must be entered through the light entrance openings 6 of the housing, and to this end, I provide an illuminating means which consists of a lamp 9 of any desired character, whatsoever, mounted in a casing or the like 10. This casing has one side thereof entirely open, which side is adapted to oppose the rear wall 3 of the housing 1 and the side walls of said casing are provided with laterally extending flanges 11 which extend the full height of the casing and are adapted to be received in channels 12 on the housing, which channels are formed by the overlapping of the side walls of the housing on the rear wall 3 thereof. When properly engaged with the channels of the housing, said casing is adapted to rest upon the extension 5 of the bottom of said housing, whereby it will be seen that said casing may be readily carried with the housing from place to place, and said casing is provided adjacent its bottom with the supporting strips 13 for the lamp 9 and also has mounted therein adjacent its upper end, a partition 14, through which extends the chimney of the lamp. Air openings 15 are also provided adjacent the upper end of the casing, and the rear wall of said casing is provided with a hinged door 16, the inner wall of which is provided with a reflector 17, whereby it will be seen that the light from the lamp will be reflected through the openings 6 of the hous-

ing. In order to carry the device from place to place, the handle members or the like 18 are provided on the sides of the housing 1.

In operation, the lamp 9 is first positioned within the casing 10 and said casing is engaged with the housing 1 by the engagement of the flanges 11 of said casing within the channels 12, whereupon the lamp is illuminated, which will cause the rays of light to be reflected from the reflector 17 through the openings 6 in the housing. The operator, with eggs in his hands, then passes his arms through the entrance openings 7 and holds said eggs within or immediately adjacent the light entrance openings 6 and by looking through the sight opening 8, he will be able to obtain a sight through the eggs to determine the condition thereof.

From the foregoing, it will be seen that I have provided an improved form of egg tester, which while simple in construction, is inexpensive to manufacture, and thoroughly efficient in carrying out the objects for which it is designed.

It will further be seen that I have provided means whereby the illuminating means may be readily carried with the main portion of the device, but which is readily detachable therefrom, whereby any other form of illuminating means may be attached, when desired.

While I have particularly described and shown the elements which are most capable of serving the functions set forth, it will be understood that various changes in form, proportion and in the minor details of construction may be resorted to without departing from the spirit or sacrificing any of the principles of the invention.

What I claim is:—

1. An egg tester, comprising a housing, the inner walls of which are darkened and the bottom of which is projected beyond the

rear wall thereof to form an extension thereon, said rear wall being provided with a pair of light entrance openings, a hinged top for the housing having a sight opening formed therein, the front wall of said housing being also provided with a pair of enlarged openings for the entrance of the hands therethrough, a casing adapted to rest on the extension of the bottom of said housing, interlocking means between said casing and rear wall of the housing to retain said casing thereto, and illuminating means within said casing adapted to project rays of light through the openings in the rear wall of the housing.

2. An egg tester comprising a housing, the front wall of which is provided with hand entrance openings and the side walls thereof being extended to overlap the rear wall of the same and provide channels therebetween, said rear wall being also provided with light entrance openings therein, a hinged top for the housing having a sight opening formed therein, an extension formed on the bottom of the housing and projected a short distance beyond the rear wall thereof, a separable casing adapted to rest on the extension of said bottom, the side walls of said casing being provided with laterally extending flanges adapted for removable engagement with the channels formed by the overlapping of the side walls on the rear wall, and illuminating means within said casing adapted to project rays of light through the openings in the rear wall of said housing.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

JOHN D. SUITER.

Witnesses:

BEN GOVER,
T. A. COPENHAVER.