

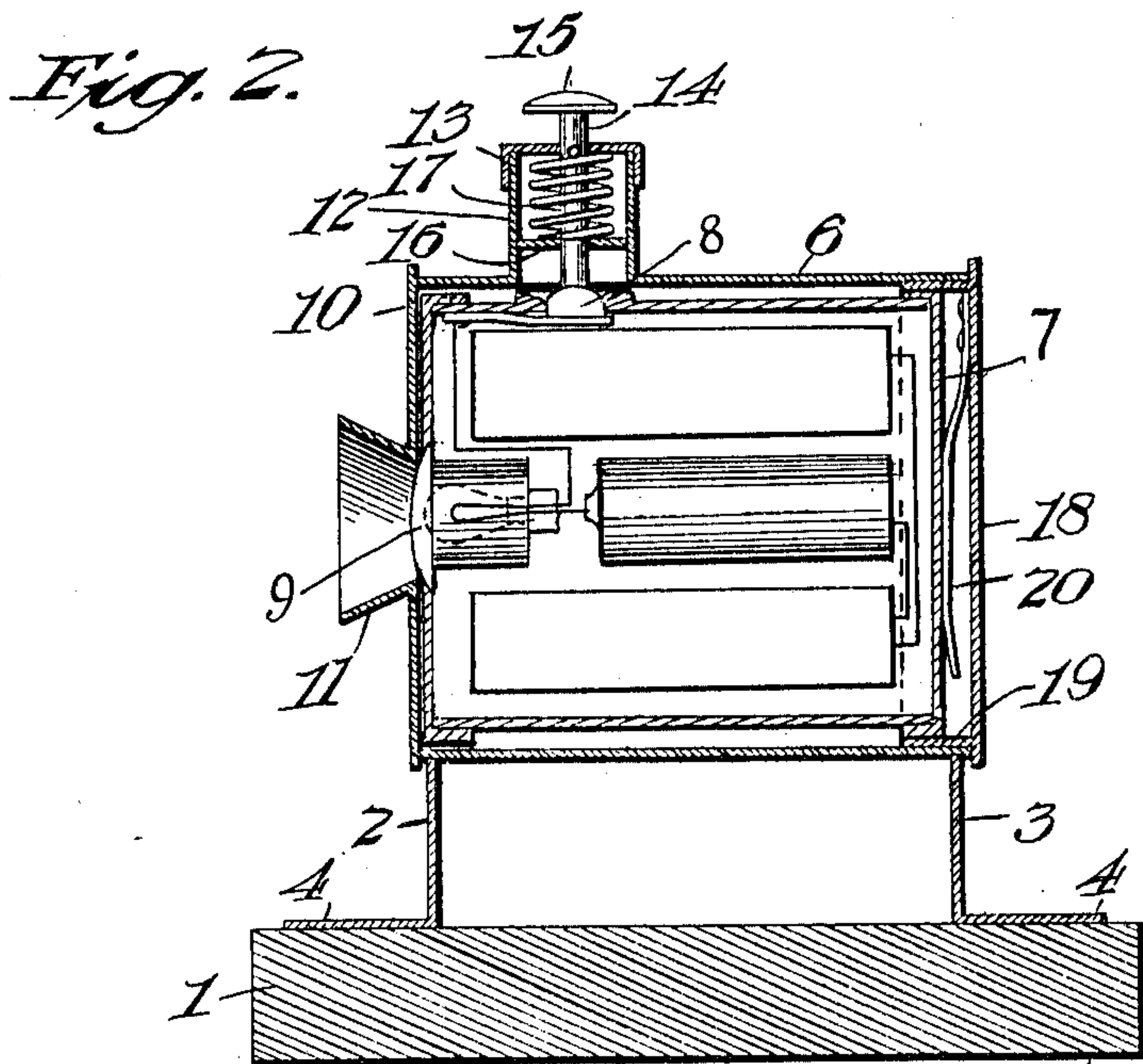
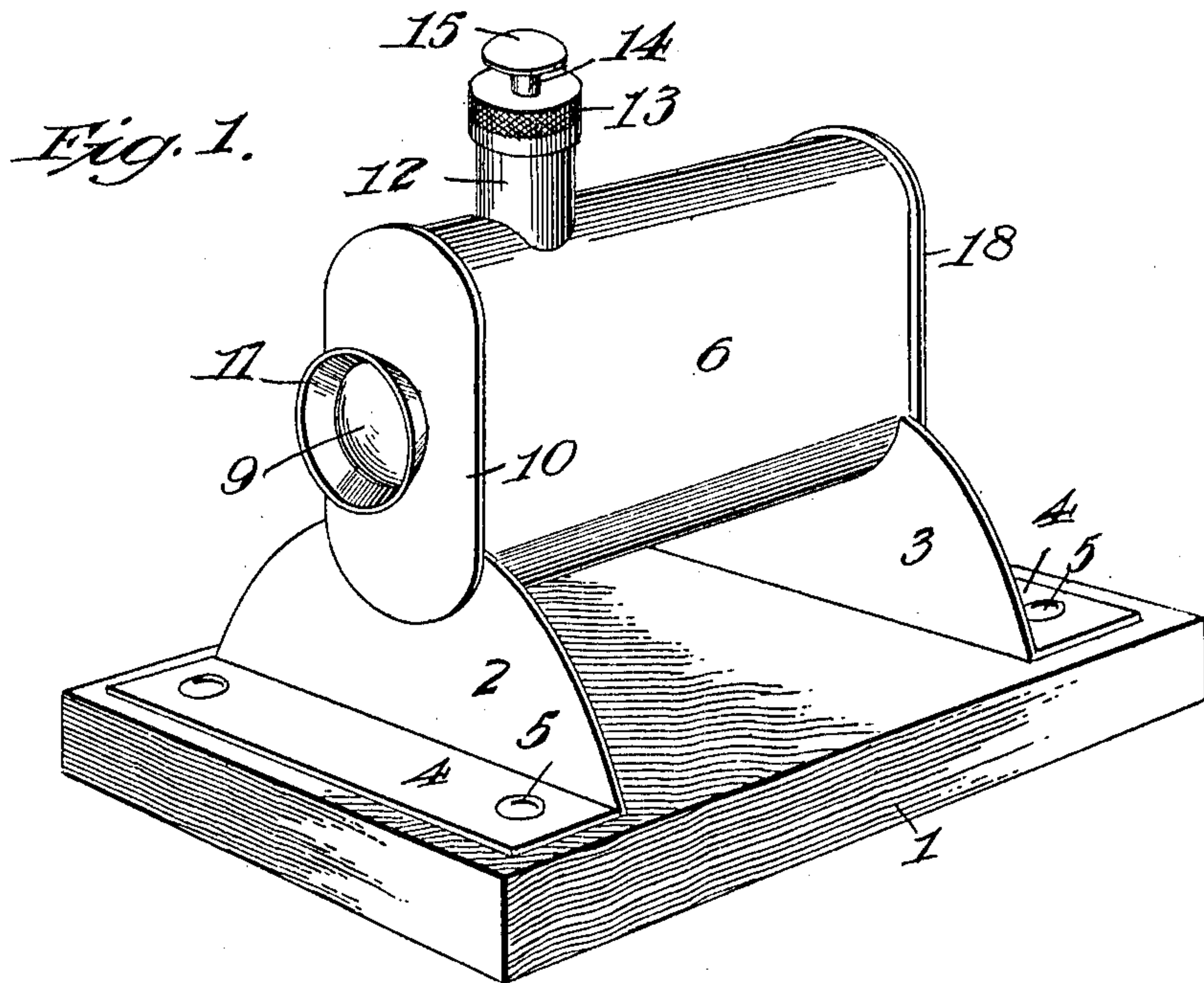
W. ROGERS.

EGG TESTER.

APPLICATION FILED AUG. 30, 1909.

970,115.

Patented Sept. 13, 1910.



Witnesses  
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# UNITED STATES PATENT OFFICE.

WILBERT ROGERS, OF BROOKVILLE, INDIANA.

EGG-TESTER.

970,115.

Specification of Letters Patent. Patented Sept. 13, 1910.

Application filed August 30, 1909. Serial No. 515,207.

*To all whom it may concern:*

Be it known that I, WILBERT ROGERS, a citizen of the United States, residing at Brookville, in the county of Franklin and State of Indiana, have invented a certain new and useful Egg-Tester, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to egg testers, the object of the invention being to provide a simple, practical and economical device for testing or candling eggs.

With the above general object in view, the nature of which will more fully appear as the description proceeds, the invention consists in the novel construction, combination and arrangement of parts as herein fully described, illustrated and claimed.

In the accompanying drawings:—Figure 1 is a perspective view of an egg tester embodying the present invention. Fig. 2 is a vertical longitudinal section through the same.

Referring to the drawings, 1 designates a suitable supporting base upon which the remainder of the device is mounted. Extending upward from the base are suitable parallel supporting plates 2 and 3 arranged at a suitable distance apart and provided with oppositely extending bottom flanges 4 connected to the top of the base by means of suitable fasteners 5. The space between the plates 2 and 3 is bridged by means of a housing 6 which is substantially elliptical in vertical cross section as indicated in Fig. 1 and of sufficient size and length to contain an electric lighting device 7, in Fig. 2. This electric lighting device 7 is of the conventional form and provided at one edge with a press button 8 which operates suitable contact points in electrical connection with a contained battery thereby producing a current of electricity in a filament or bulb which is located within the body of the device and behind a lens 9, the arrangement described serving to produce a flash of light through the lens.

The housing 6 is closed at one end by means of an oblong front plate 10 and this plate is provided with an opening extending around the lens 9 of the electric lighting de-

vice 7 and said opening is surrounded by means of an outwardly flaring or frusto-conical nozzle 11 forming a rest or seat against which the eggs may be placed one at a time, while held in the hand between the fingers. Extending upward from the housing 6 in line with and above the press button 8 is a tubular extension 12 closed at its upper end by means of a removable cap 13. This cap is provided with a central hole through which operates a plunger stem 14 having a push button or head 15 at its upper end. At its lower end the stem 14 is adapted to bear against the press button 8 of the electric lighting device contained in the housing so that when said stem is pressed inward, the push button 8 is operated for the purpose referred to. Within the extension 12 is a cross bar 16 formed with an opening to serve as a guide for the stem 14 while between said bar 16 and a suitable stop or shoulder on the stem 14, there is arranged a plunger return spring 17 which normally upholds the plunger and allows the push button 8 to be elevated by means within the electric lighting device 7. The back of the housing is closed by means of a shutter 18 having a friction flange 19 insertible in the adjacent end of the housing and a spring 20 secured to the inner face of the shutter and adapted to bear against the adjacent end of the device 7 to hold the latter in a position with the push button 8 in alinement with the plunger stem 14.

It will be understood that the eggs are placed one at a time against and in front of the nozzle 11, and while in such position the plunger stem 14 is depressed, thereby flashing light through the body of the egg in a manner similar to the ordinary candling operation, but giving, however, a more brilliant and effective light for the purpose.

I claim:—

In an egg tester, the combination of a holder comprising a supporting base, bracket plates extending upward therefrom and secured thereto, a housing supported by said plates and closed at one end and having a removable cover at the other, an outwardly flaring nozzle communicating with a central opening in the closed end of the hous-

ing, a tubular extension projecting upward  
from said housing, a spring-sustained  
plunger stem operating through said ex-  
tension, and an electric flashing lamp em-  
5 bodying a casing removable from said hous-  
ing, a lens at one end of said casing which  
registers with the nozzle of the housing, and  
a push button forming the circuit closer of

the lamp and arranged to lie in the path of  
the plunger stem. 10

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

WILBERT ROGERS.

Witnesses:

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