

(No Model.)

L. GÜNTHER.
TIMEPIECE FOR BOILING EGGS.

No. 477,252.

Patented June 21, 1892.

Fig. 1.

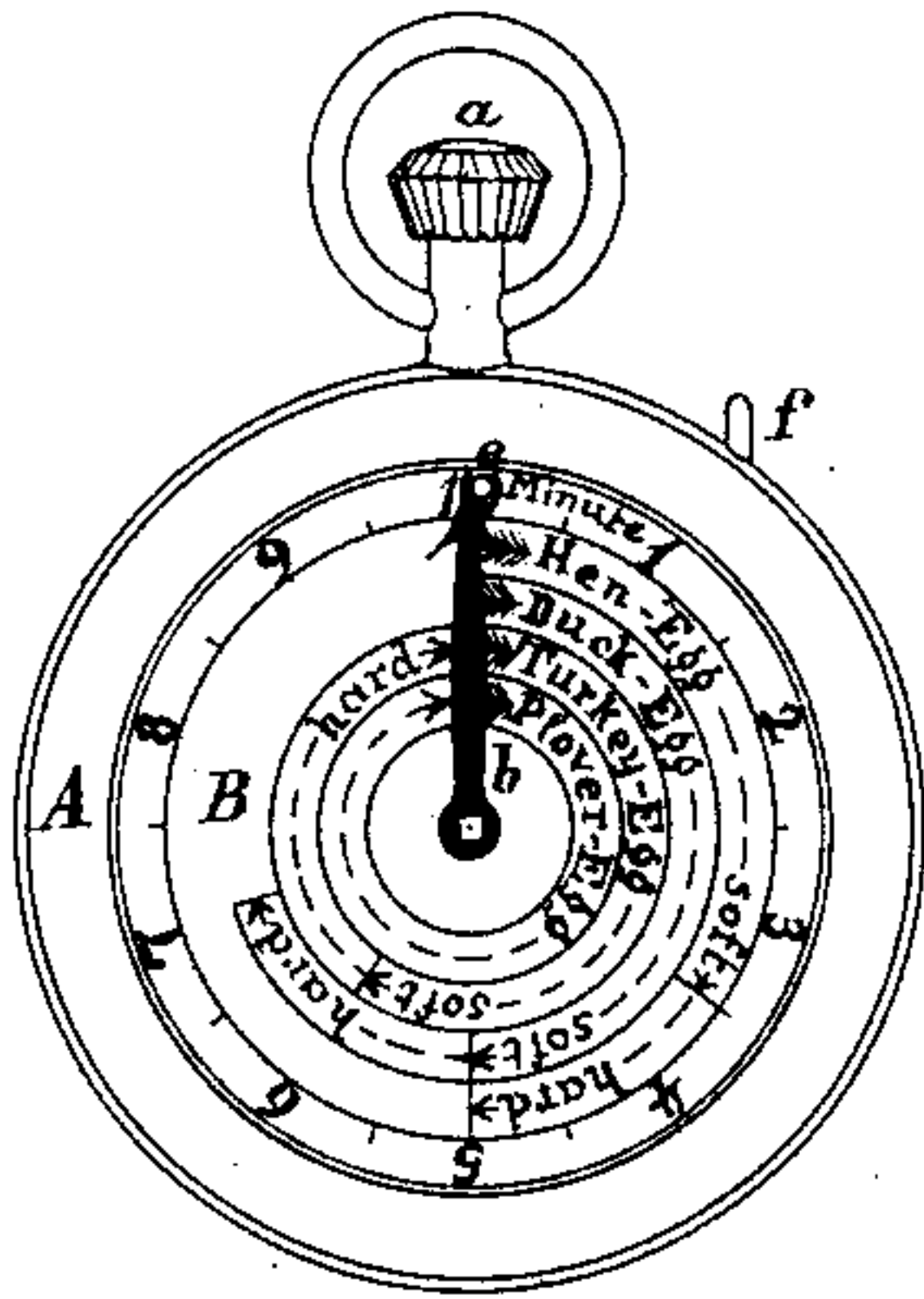


Fig. 2.

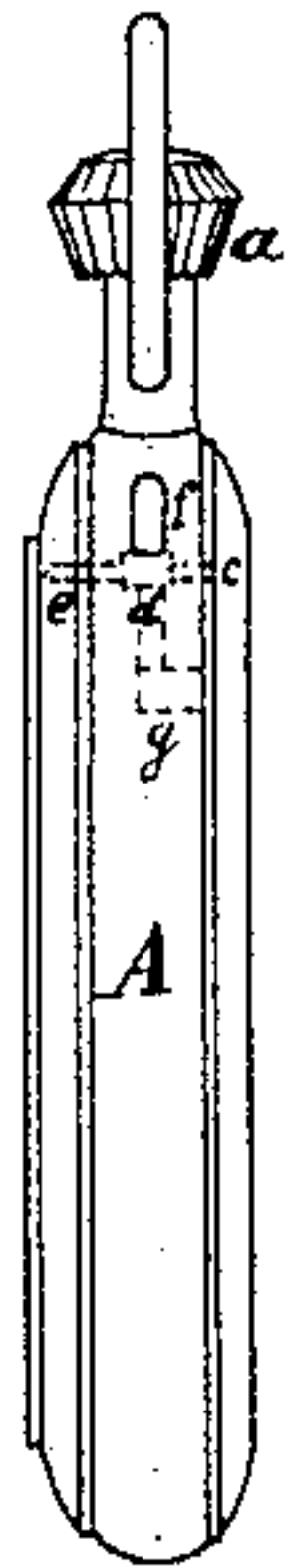


Fig. 3.

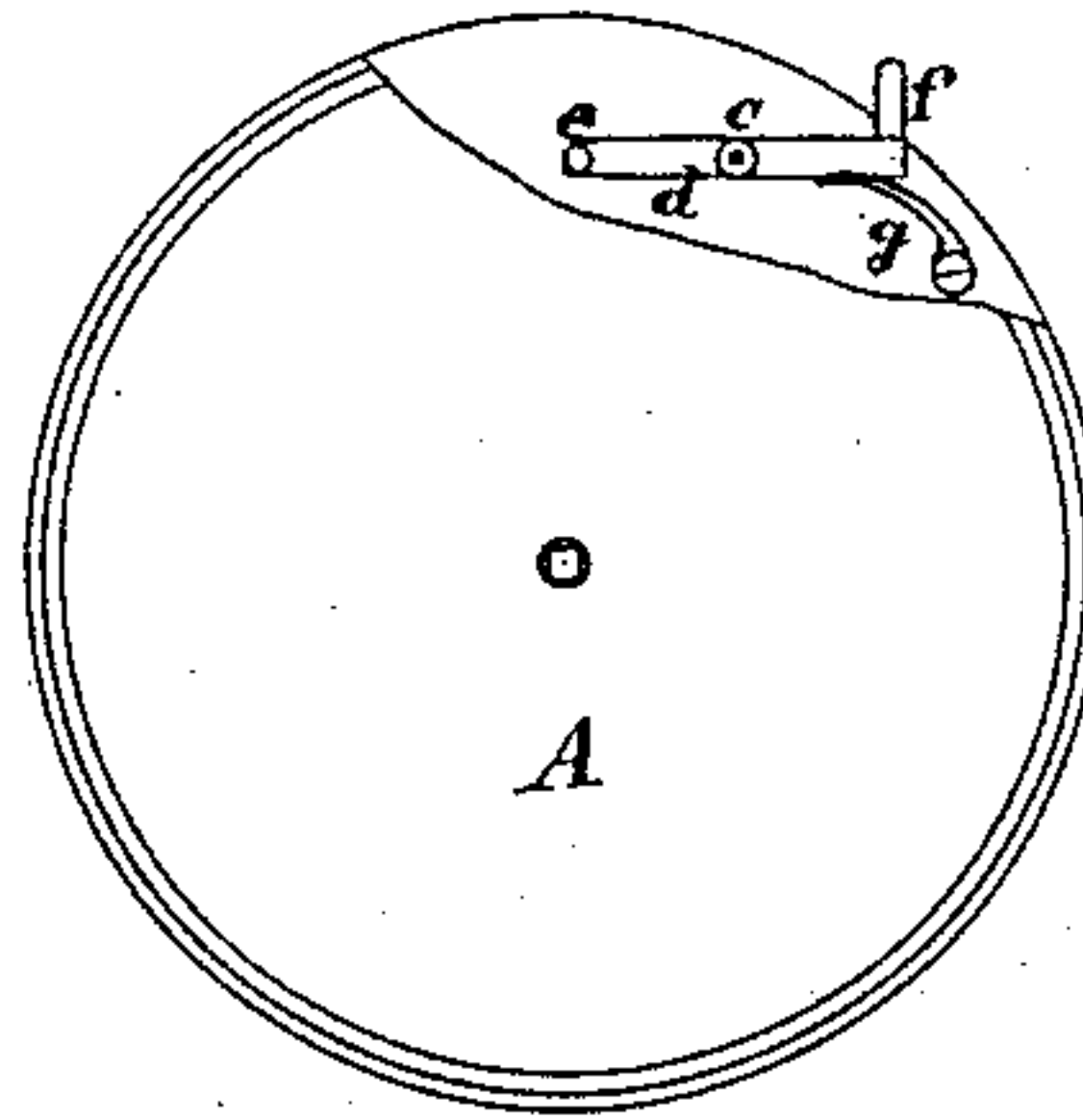
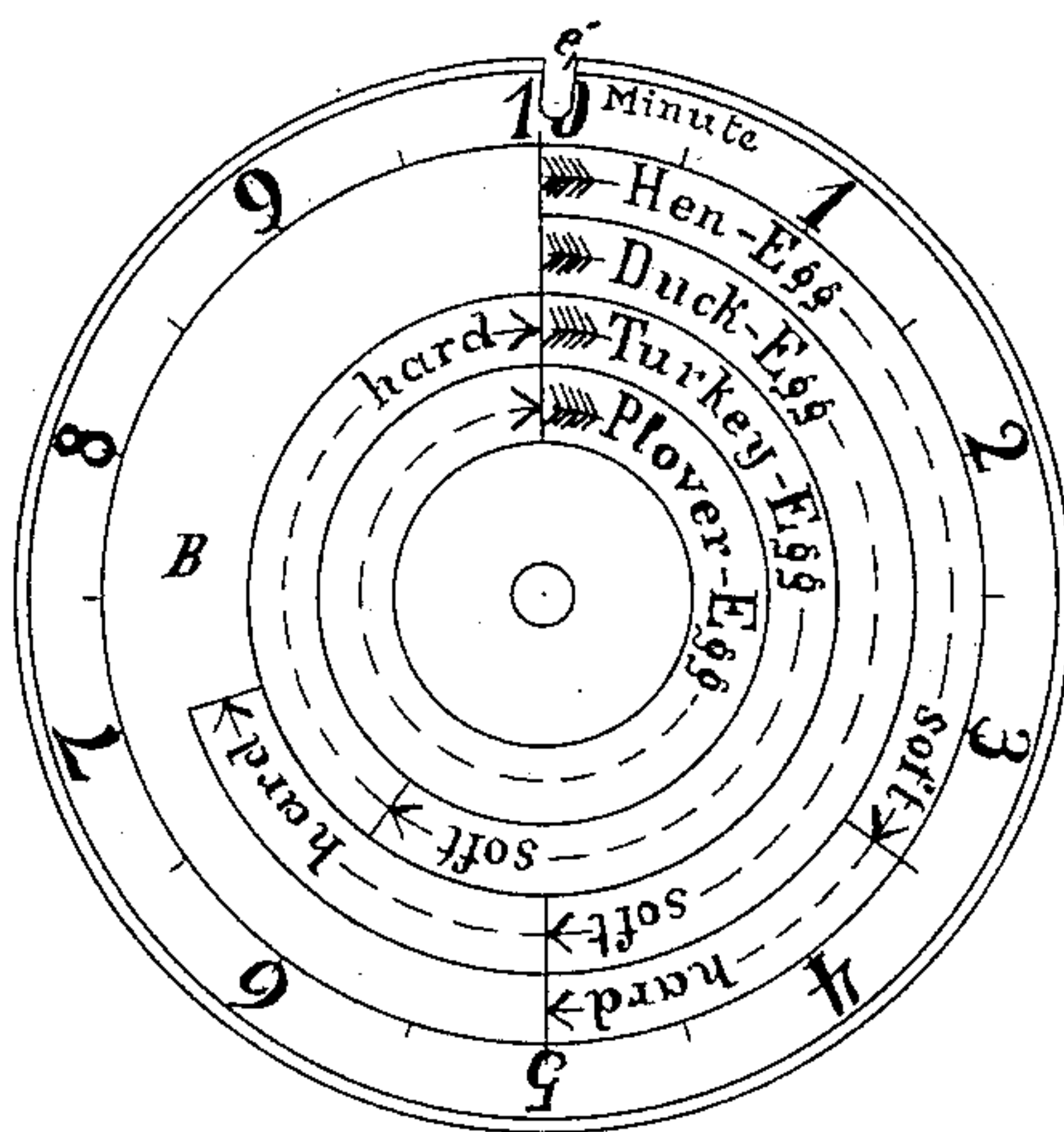


Fig. 4.



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UNITED STATES PATENT OFFICE.

LUDWIG GÜNTHER, OF SCHWERIN, GERMANY.

TIMEPIECE FOR BOILING EGGS.

SPECIFICATION forming part of Letters Patent No. 477,252, dated June 21, 1892.

Application filed August 12, 1891. Serial No. 402,450. (No model.)

To all whom it may concern:

Be it known that I, LUDWIG GÜNTHER, engineer, of Schwerin, in the Grand Duchy of Mecklenburg-Schwerin and German Empire, have invented a new and useful Egg-Watch, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to an egg-watch.

The object of the present invention, as represented in the annexed drawings, is to show the necessary time required for the boiling of eggs used as human food—such as hen-eggs, duck-eggs, turkey-eggs, and plover-eggs. It can also be used for marking the time required for cooking, baking, and other culinary time-measurements.

In the annexed drawings, Figure 1 is a front view of the apparatus. Fig. 2 is a side view, and Fig. 3 shows the apparatus with the cover and dial removed. These three figures are full size. Fig. 4 shows the dial double full size.

In the case A there is an ordinary movement, which, like other movements, can be wound up at *a*. By means of the movement the hand *b* is moved round the dial once in ten minutes. In the casing there is also a small lever *d*, movable on the pin *c*, which bears at one end the stop-pin *e* and at the other end the pressing-pin *f*. (See Fig. 3.) The stop-pin *e* extends through the dial at the number "10." The pin *f* extends laterally out of the case. The lever *d* is normally kept in the position shown in the drawings by means of the spring *g*. The object of the lever arrangement is to stop the hand *b*, so that when it comes against the stop-pin *e* it is held at the number "10." If the pin *f* is pressed, the hand becomes free again, gives one turn, and again stops against the stop-pin *e*.

The dial B is divided into different circular divisions, which for easier reference can be painted in different colors. The outer circle, in which the incision *e'*, Fig. 4, for the stop-pin is shown, is divided into ten equal parts or minutes, and the different points marked with

the numbers "1," "2," "3," to "10." The minutes are further divided into halves. The second circle shows the limits within which the hand has to run to boil the eggs of domestic hens—namely, to the first arrow-point if they are to be boiled soft and to the second if hard. The third circle shows the limits to which the hand has to reach in order to boil duck-eggs—namely, to the first arrow-point if soft and to the second if hard. In the same manner the fourth and fifth circles are arranged for turkey and plover eggs.

It is obvious that the apparatus can be made in the form of a watch or of a wall-clock. The principle is the same, and therefore only described here in one form.

The use of the egg-clock according to this invention has great advantages. When the eggs are placed in boiling water, the watch is taken in the hand, and by pressing the pin *f* the hand is allowed to run to the corresponding division or mark, upon reaching which the eggs are taken out. The hand will always after use move back to "10," and the watch is again ready for further use.

What I claim, and desire to secure by Letters Patent of the United States, is—

An egg-watch consisting of a case, a movement having a single hand or pointer, a stop mechanism for arresting the hand or pointer when the latter has run ten minutes and completed a single circle around the dial, and a dial having an outer circle divided into ten equal parts representing ten minutes of time and subdivided into half-minutes and also having a series of inner circles, on which are placed the names of articles to be cooked and arrows indicating the stages of cooking, substantially as described.

In witness whereof I have hereunto set my hand in presence of two witnesses.

LUDWIG GÜNTHER.

Witnesses:

PAUL FISCHER,
ALBERT ITYIGSOHN.