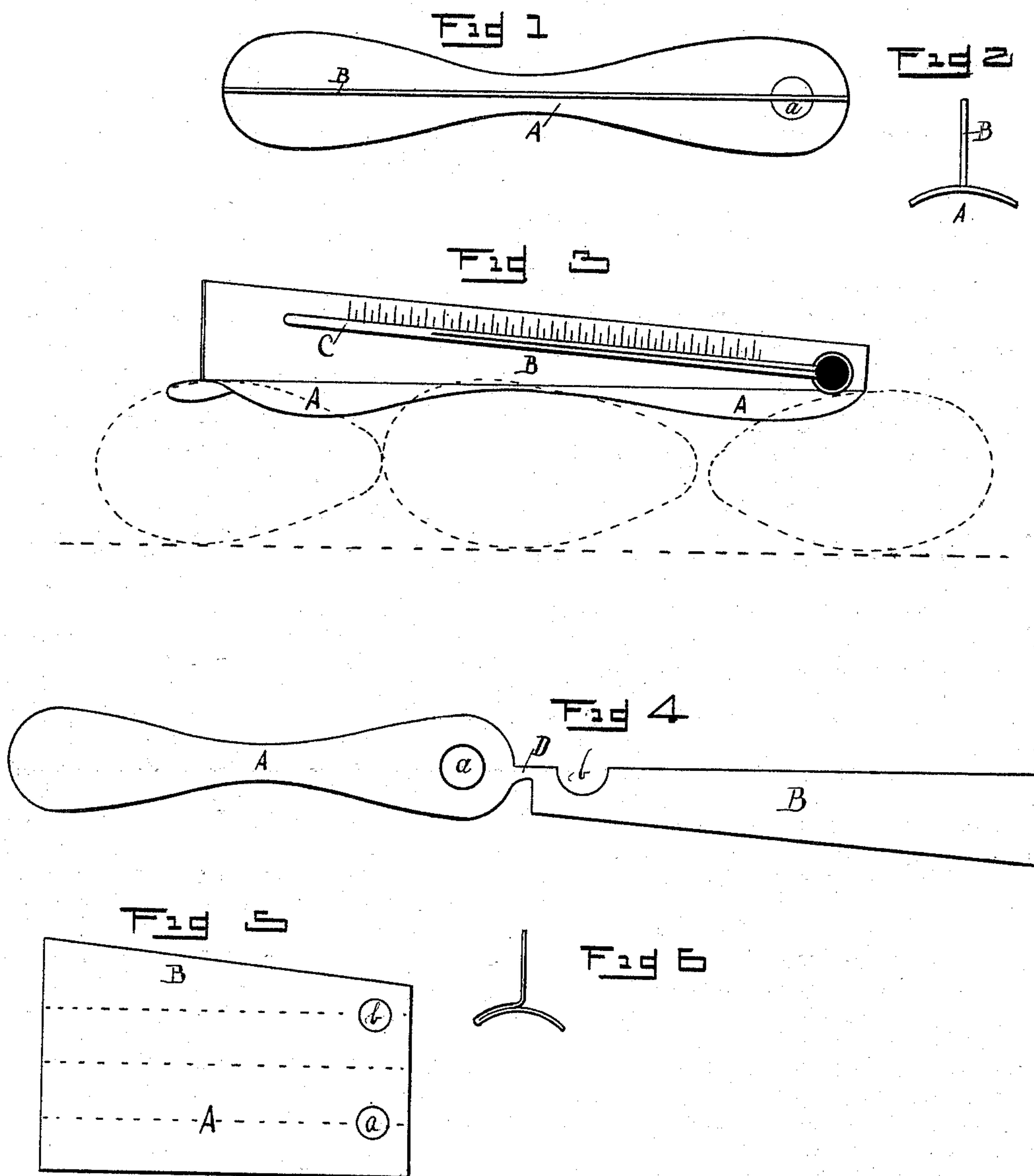


(No Model.)

A. H. BURR.
THERMOMETER FRAME.

No. 496,995.

Patented May 9, 1893.



WITNESSES:

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THERMOMETER-FRAME.

SPECIFICATION forming part of Letters Patent No. 496,995, dated May 9, 1893.

Application filed May 11, 1892. Serial No. 432,685. (No model.)

To all whom it may concern:

Be it known that I, ARCHER H. BURR, of Omaha, in the county of Douglas and State of Nebraska, have invented certain useful Improvements in Thermometer-Frames; and I do hereby declare that the following is a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

This invention relates to a new and novel thermometer frame, and is more particularly adapted to be used with those thermometers employed in connection with incubators.

In the accompanying drawings, Figure 1 shows a top view of my thermometer frame. Fig. 2 is an end elevation thereof. Fig. 3 is a perspective view of the device as completed. Fig. 4 shows a top view of a sheet metal blank, in which the base blank and web are cut in one piece. Fig. 5 shows a modification where I employ a quadrilateral shaped blank, which is crimped into proper shape, as shown by the end view, Fig. 6.

The object of my invention is, to provide a simple thermometer frame, so constructed that the thermometer may be positioned immediately above the eggs, and held, so that a reading may be taken, without disturbing the thermometer or opening the incubator.

In the accompanying drawings, I have shown an elongated sheet metal base plate A, which is preferably rounded at each end and narrows toward the center and is provided with a bulb opening *a* near one end, and the transverse vertical web B, provided with the semi-circular bulb opening *b*, as clearly shown in Fig. 4.

The base plate A and the web B are preferably stamped out of one piece of metal, the two parts being united by the narrow neck D. The web in being secured to the base plate A is simply bent at right angles to the plane of the base plate, and then turned back and upon the upper portion of said base plate and thus secured by any suitable means. The neck D may be readily curved and bent, so as to permit the web being carried over and upon the plate.

The base plate A is preferably slightly

curved laterally, so as to conform to the shape of the eggs, upon which the frame is adapted to be placed, the web B, being soldered or secured to a base plate by any suitable means. To this web is secured the thermometer C in an inclined position, so as to lessen the chances of the mercurial column parting, as might be the case, when the thermometer rests perfectly horizontal. The thermometer is secured to the web by any suitable means.

In the drawings I have shown two sheet metal blanks, but if desired the standard could be made of any other suitable material.

In Fig. 5, the blank is crimped into shape and made of one continuous sheet.

In addition to holding the thermometer in proper position, the blank acts as a guard in protecting the thermometer, as the latter is held within the angle, formed by the two blanks.

Having thus described my said invention, what I claim as new, and desire to secure by United States Letters Patent, is—

1. As a new article of manufacture, a thermometer frame blank, comprising a narrow base plate rounded at each end and narrowing toward the center and laterally slightly curved, and secured to a web, said web forming part of and being secured to said base plate by means of a connecting neck, a circular bulb opening within said base plate and a coinciding semi-circular bulb opening within said web, said web being adapted to be turned back and upon said base plate and secured by any suitable means, so as to form the thermometer frame, substantially as shown.

2. As a new article of manufacture, the blank hereinbefore described comprising the laterally curved base plate A, rounded at each end and narrowing toward the center and connected by means of the neck D to the web B, said plate A being provided at the one end with a circular opening, and the web B at the same end with a registering semi-circular opening, all substantially as and for the purpose set forth.

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

ARCHER H. BURR.

Witnesses:

GEO. E. GIBSON,

WILLIAM G. ANDERSON.