

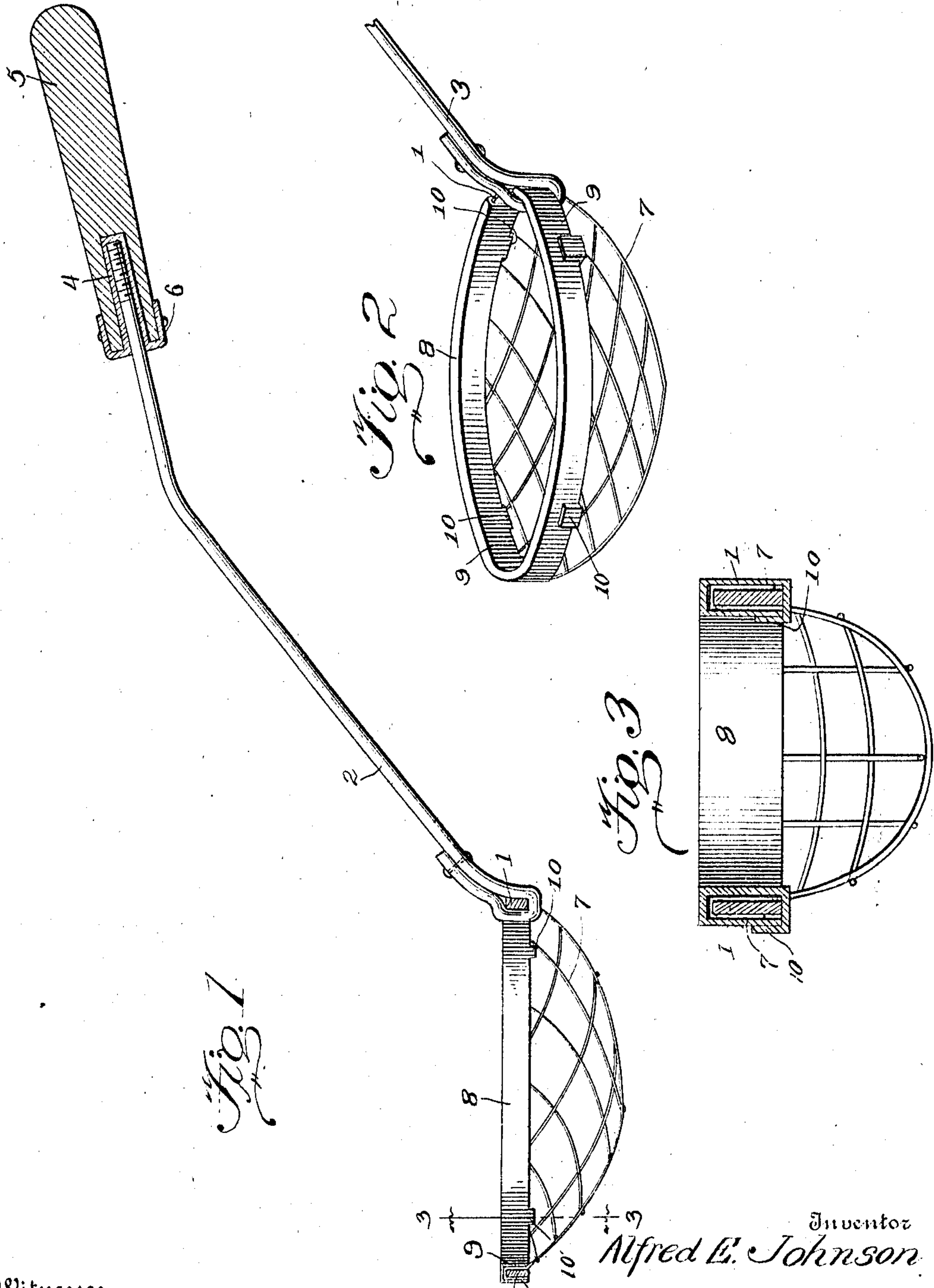
A. E. JOHNSON.

LADLE.

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990,138.

Patented Apr. 18, 1911.



Witnesses
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UNITED STATES PATENT OFFICE.

ALFRED E. JOHNSON, OF RACINE, WISCONSIN.

LADLE.

990,138.

Specification of Letters Patent.

Patented Apr. 18, 1911.

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To all whom it may concern:

Be it known that I, ALFRED E. JOHNSON, a citizen of the United States of America, residing at Racine, in the county of Racine and State of Wisconsin, have invented new and useful Improvements in Ladles, of which the following is a specification.

This invention relates to ladles, and the object of the invention is to provide an article of this character which will facilitate the handling of eggs in removing them from boiling water.

A still further object of the invention is to provide a ladle of this character wherein a foraminous body or bottom-forming member is detachably engaged with a support so that after such bottom has become worn it may be replaced by a new one at a minimum cost.

In the drawing, forming a portion of this specification and in which like numerals of reference indicate similar parts in the several views:—Figure 1 is a detail longitudinal section through my improved ladle. Fig. 2 is a detail perspective view of the retaining member. Fig. 3 is a detail transverse section taken on the line 3—3 of Fig. 1.

The ladle consists of a supporting ring 1 to which is secured the lower end of a rod 2. This rod extends upwardly at an angle from the ring and it is threaded, as shown for engagement in a correspondingly threaded socket 4, which is seated in the handle 5. This socket is formed integral with a ferrule 6 which fits over one end of the handle, as clearly shown in Fig. 1 of the drawing.

A curved bottom or body-forming member 7 of foraminous material is detachably engaged with the supporting ring 1. This bottom-forming member has its edge portion folded over the ring 1 and to hold such member operatively applied to the ring, I provide a retaining or clamping element 8 which is of split-ring-form and of inverted U-form in transverse section to provide diametrically opposite flanges 9 which straddle the ring, as clearly disclosed in Fig. 1 of the drawing. The inner flange of the said re-

taining element is formed to provide a series of locking tongues 10 which extend through the foraminous bottom-forming member at points immediately beneath the supporting ring 1. These tongues are bent into locking engagement with the opposite flange of the retaining element, as clearly illustrated in Fig. 3 of the drawing.

The construction of the device disclosed herein is extremely simple, it may be manufactured at a minimum cost and in use it will enable the operator to conveniently remove the egg from the boiling water without subjecting the hands to the rising steam.

The retaining element 8 is detachably secured to the ring 1 and when the bottom-forming member 7 becomes worn it may be conveniently removed and replaced by a new one at a very little cost.

The construction of the split-ring member for retaining the bottom 7 to the ring 1 is such that these elements may be effectively secured together without resorting to the use of solder or equivalent permanent fastening means.

I claim:

As a new article of manufacture, a ladle comprising a foraminous member, a supporting ring therefor detachably secured to the upper edge of the member, a split ring having spaced portions straddling the said ring, one of the said portions being formed at its lower end to provide clamping tongues which are bent under the said supporting ring and through the said foraminous member and onto the opposite portion of the said split ring, the said split ring having its end portions spaced apart and exposing a portion of the supporting ring, and a handle having one of its ends secured to the exposed portion of the said supporting ring.

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

ALFRED E. JOHNSON.

Witnesses:

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LOUIS P. NELSEN.