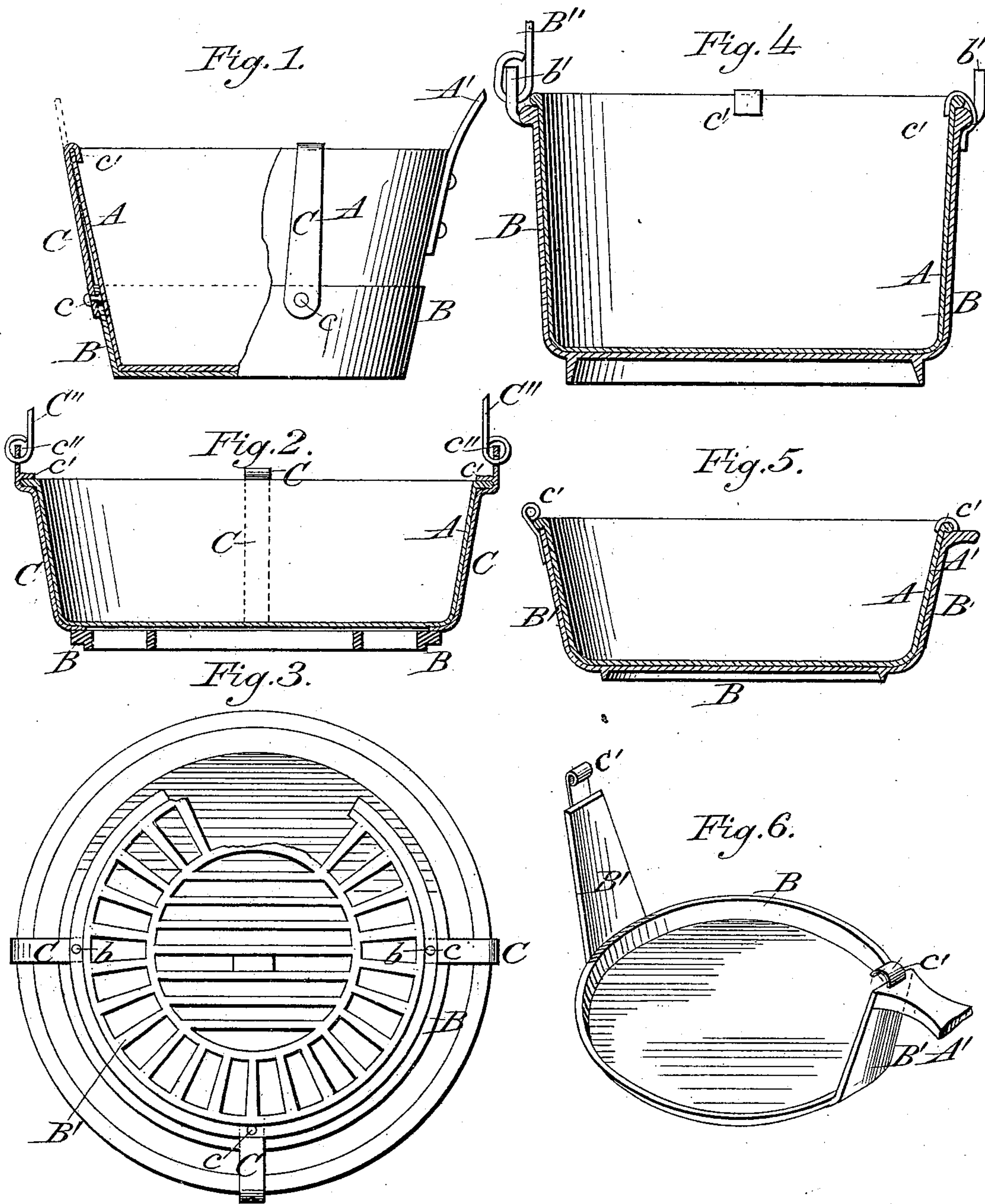


(No Model.)

F. SCHIFFERLE.
CULINARY VESSEL.

No. 271,744.

Patented Feb. 6, 1883.



Attest:

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UNITED STATES PATENT OFFICE.

FRIDOLIN SCHIFFERLE, OF ST. LOUIS, MISSOURI.

CULINARY VESSEL.

SPECIFICATION forming part of Letters Patent No. 271,744, dated February 6, 1883.

Application filed August 10, 1882. (No model.)

To all whom it may concern:

Be it known that I, FRIDOLIN SCHIFFERLE, a citizen of the United States, residing at the city of St. Louis, in the county of St. Louis and State of Missouri, have invented certain new and useful Improvements in Culinary Vessels; and I do declare the following to be 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, and to the letters and figures of reference marked thereon, which form a part of this specification.

The object of this invention is to provide a protector for culinary vessels to save them from being made useless by bruises or indentations or from being destroyed by too great heat applied to them; and it consists in such construction as that the protector can be removed from the vessel without injury to either or by the removal of rivets or bolts, as is provided for in another application filed simultaneously herewith, as will be fully hereinafter described.

In the drawings, Figure 1 represents a saucepan having the body A, made from sheet metal tinued or otherwise, with a handle, A', and the protector B, of sheet or cast metal, which covers the bottom of the vessel and has upwardly-rising sides to any desired height to snugly fit the outside of the body A. To the upright sides of the protector are secured by rivets *c* two or more upright straps, C, of sheet metal, that is tough and can be easily bent over the top edge of the vessel, as at *c'*, and when so bent will firmly secure the protector B to the vessel. When it is desired to remove the protector, by straightening the straps that go over the top edge of the vessel, as seen in dotted lines, the protector can be removed without injury to the vessel or to the protector itself.

In Fig. 2 is represented a porcelain-lined thin metal dish having a flaring body, A. The protector B that covers the bottom of the vessel is of cast metal, and cast in grate or open work, B', as seen in Fig. 3, which is a view of the bottom of the vessel and protector. C C are two or more metal straps, firmly attached to the grated protector B by rivets *b* or other secure means, thence extending to the

top edge of the vessel to turn over the edge of the vessel, as seen at *c'*, Fig. 2. If a bail is desirable, the two opposite straps will be bent to embrace the rim of the vessel on its top edge, as seen at *c'*, and form an ear, *c''*, for the bail C''. The straps C may be springs of steel, so that they can be easily sprung outward, when the protector will be free from the vessel. The protector B, with its grated bottom B', can be applied to other vessels than enameled or porcelain-lined with equal advantage.

In Fig. 4 is represented a common tin dish, A, with a cast-metal protector, B, completely inclosing it to near its top edge, and having two or more straps, C, attached near to its top edge, that are bent over the edge of the vessel A in the same manner as seen in Fig. 1. A bail, B'', can be attached to ears *b'*, that are cast with and are a part of the protector B.

In Fig. 5 is represented a tin dish, A, with a cast-iron protector, B, covering the bottom and a small portion of the sides of the vessel A. C C are cast or other metal straps that rise to near the top of the vessel A, and have short spring-catches, that engage the top edges of the vessel and secure the protector firmly thereto. A handle, A', is shown in this figure and in Fig. 6 as broken off; but the handle is cast with one of the straps C; or it may be otherwise attached, either by riveting or welding.

Fig. 6 shows the protector of the vessel in Fig. 5 as removed from the vessel.

In the above-described and differently-constructed vessels the same principle of securing the protector to the vessels is used in all. Vessels so protected last much longer with the same kind of use, and retain the heat longer and give it more evenly to their contents.

What I claim as my invention is—

A culinary vessel, A, having a removable protector, B, with an open-work or grated bottom, B', and securely attached to the vessel by means of the straps C, having catches *c'*, substantially as described.

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

FRIDOLIN SCHIFFERLE.

Witnesses:

J. C. ADAMS,
FRED RAUM.