

No. 699,069.

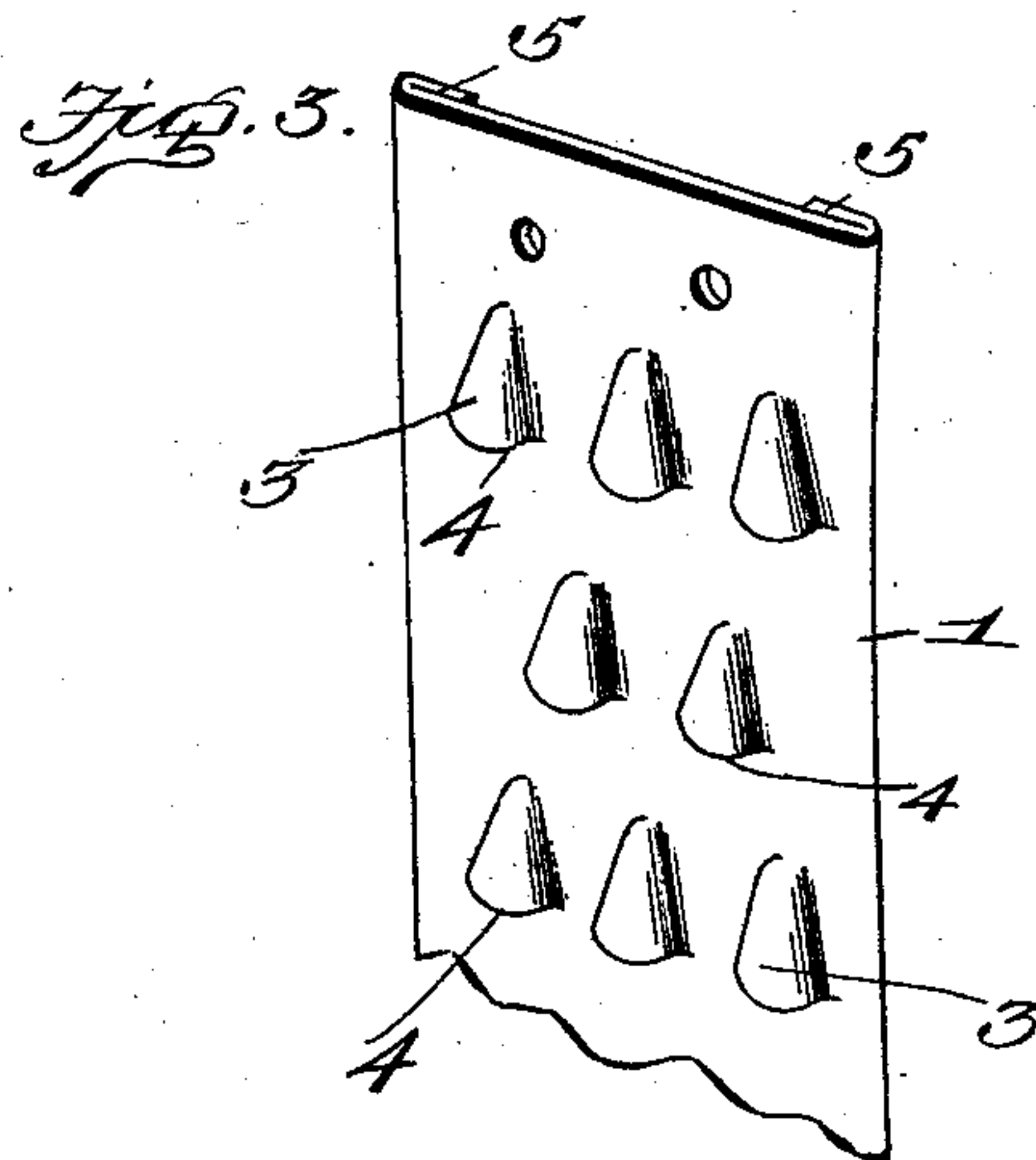
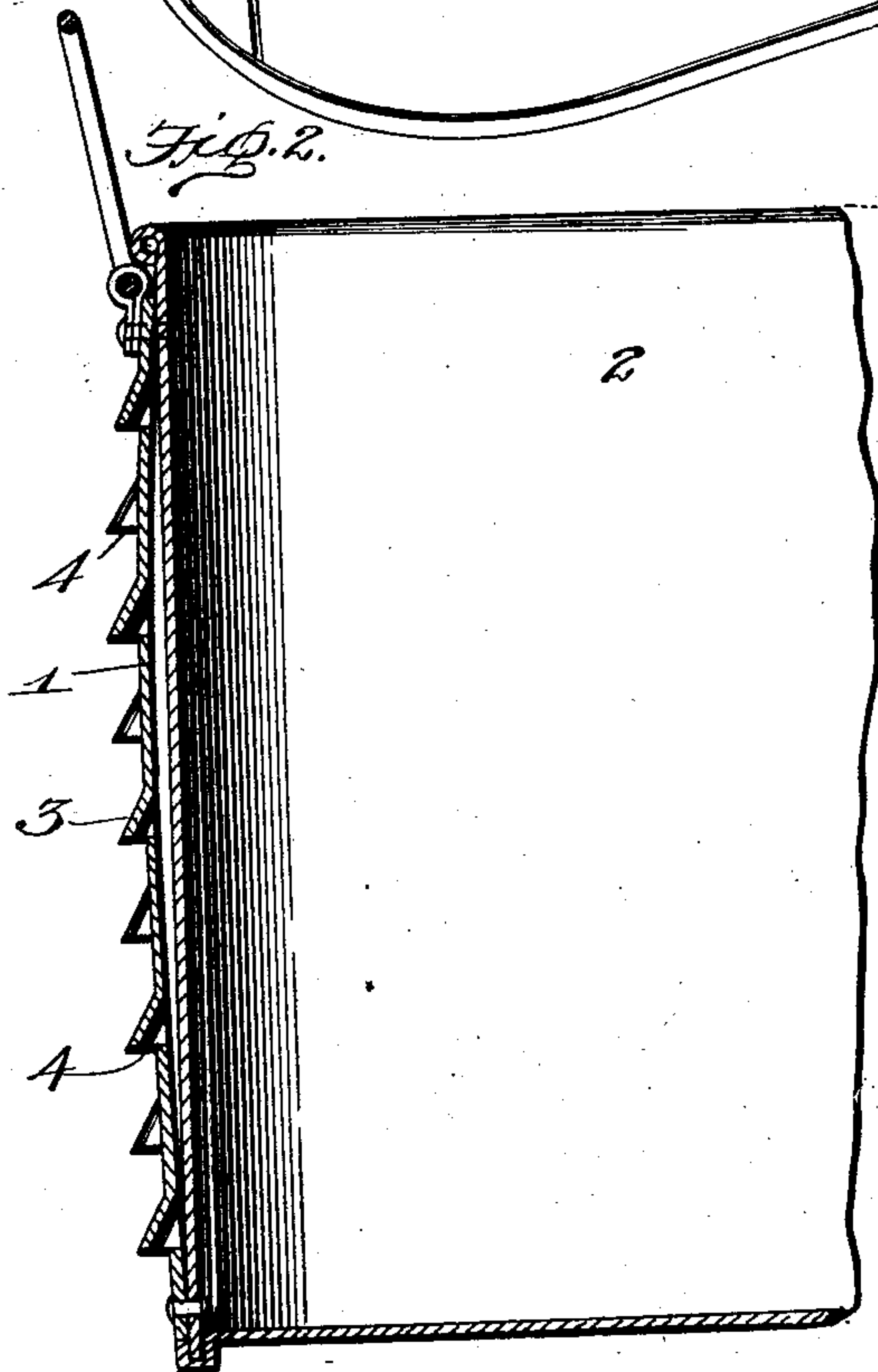
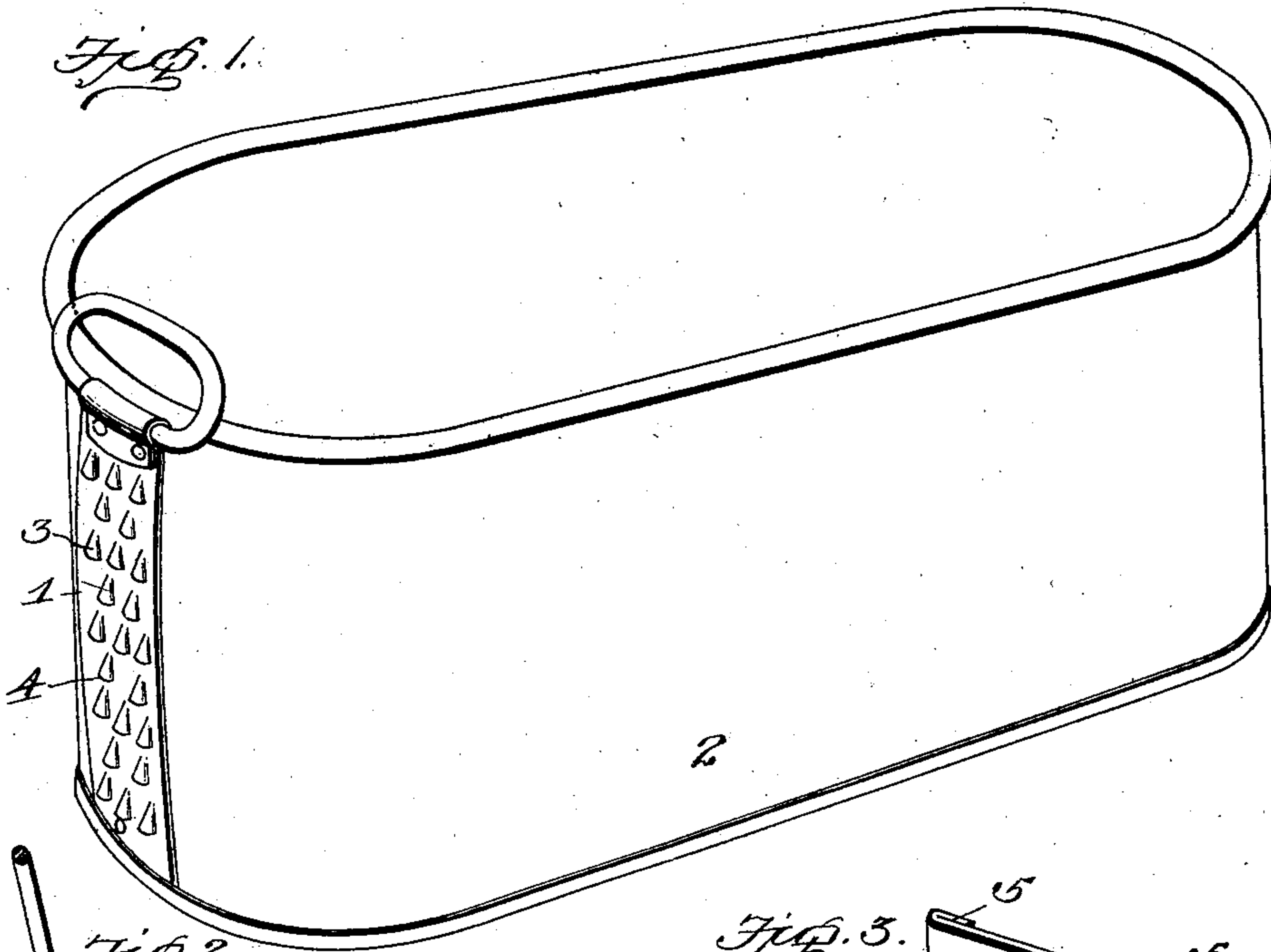
Patented Apr. 29, 1902.

A. C. BLACK.

ATTACHMENT FOR WASHBOILERS, &c.

(Application filed Aug. 23, 1901.)

(No Model.)



Witnesses  
*E. J. Stewart*  
*H. J. Ray*

*A. C. Black* Inventor  
by *C. A. Snow* Attorneys



# UNITED STATES PATENT-OFFICE.

ALONZO C. BLACK, OF KEOKUK, IOWA, ASSIGNOR OF ONE-HALF TO JOSEPH SANSONE, OF KEOKUK, IOWA.

## ATTACHMENT FOR WASHBOILERS, &c.

SPECIFICATION forming part of Letters Patent No. 699,069, dated April 29, 1902.

Application filed August 23, 1901. Serial No. 73,055. (No model.)

*To all whom it may concern:*

Be it known that I, ALONZO C. BLACK, a citizen of the United States, residing at Keokuk, in the county of Lee and State of Iowa, have invented a new and useful Attachment for Washboilers, &c., of which the following is a specification.

The invention relates to an attachment for washboilers, tubs, and other receptacles.

The object of the present invention is to provide a simple, inexpensive, and efficient device adapted to be readily applied to washboilers, tubs, and other receptacles capable of preventing a receptacle from accidentally slipping while the same is being tilted for emptying its contents into another receptacle, whereby boilers and other receptacles containing hot liquids may be readily handled without liability of the person handling the same being scalded or otherwise injured by such contents.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claim hereto appended.

In the drawings, Figure 1 is a perspective view of a boiler provided with an attachment constructed in accordance with this invention. Fig. 2 is a vertical sectional view of the same. Fig. 3 is a detail perspective view of a portion of the attachment.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

1 designates the attachment, consisting of an upright rectangular strip or piece of sheet metal or other suitable material designed to be arranged at one end of a boiler 2, as illustrated in Fig. 1 of the accompanying drawings, and adapted to be similarly mounted on washtubs and other receptacles constructed of either wood, metal, or other material.

The attachment, which is riveted or otherwise secured at its ends to the washboiler or other receptacle, is preferably bowed slightly to offset it from the receptacle to enable it to operate to greater advantage and also to permit it to yield slightly to form a cushion for preventing the receptacle from being injured.

The attachment is provided at intervals

with horizontal cuts or incisions arranged in horizontal rows, as shown, and the metal above the cuts or incisions is bent outward from the interior to form approximately triangular protuberances which are curved in cross-section. The triangular protuberances 3, which taper toward their upper ends, form lower projecting shoulders 4, adapted to rest upon and positively engage the upper edge of a tub or other receptacle to enable the boiler to be supported upon such other receptacle to facilitate emptying the boiler. The rows of triangular protuberances are arranged at intervals, and they enable receptacles containing hot or otherwise dangerous liquids to be readily handled without liability of being injured through contact with such liquids by reason of a receptacle accidentally slipping while it is being emptied. The attachment may be of any desired width, and it is designed to conform to the configuration of the receptacle to which it is to be applied, and it is preferably strengthened by reinforcing-flanges 5, formed by bending or folding the side edges of the sheet metal inward on the inner face of the attachment, as clearly illustrated in Fig. 3 of the accompanying drawings. In order to avoid weakening the metal of which the attachment is constructed the protuberances which form the supporting-shoulders are preferably alternately arranged, the protuberances of one row being located opposite the intervals between the protuberances of the adjacent rows.

It will be seen that the attachment is exceedingly simple and inexpensive in construction, that it is adapted to be readily applied to various kinds of receptacles, and that it is capable of enabling receptacles containing hot or otherwise dangerous liquids to be readily handled without liability of the receptacle slipping and accidentally scalding or otherwise injuring a person while the said receptacle is being emptied.

What I claim is—

An attachment for receptacles consisting of a vertical strip or piece of metal designed to be mounted on the exterior of a receptacle and provided at intervals with rows of horizontal incisions, the metal above the incisions being bowed or bent outward and forming

horizontal rows of upwardly-tapered protuberances, said protuberances having horizontal edges or shoulders, whereby the receptacle is prevented from slipping downward on  
5 a support and is permitted to be moved upward on the same, substantially as described.

In testimony that I claim the foregoing as

my own I have hereto affixed my signature in the presence of two witnesses.

ALONZO C. BLACK.

Witnesses:

SHERMAN I. RUTLEDGE,  
MOLLIE C. RUTLEDGE.