

No. 606,686.

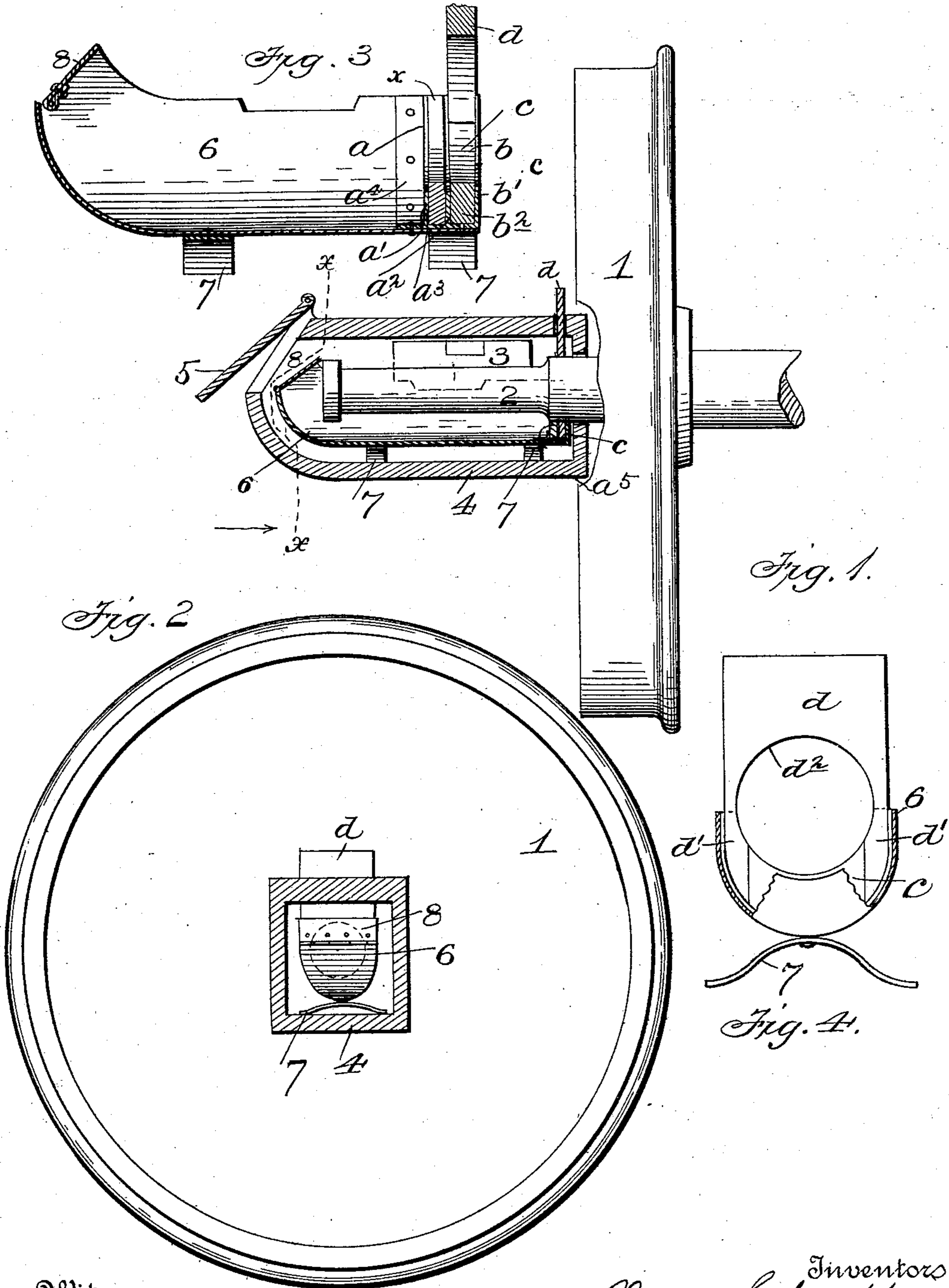
Patented July 5, 1898.

J. M. SCROGIN & H. C. WOMELSDORFF.
OIL BOX CELLAR AND DUST GUARD.

(Application filed Aug. 24, 1897.)

(No Model.)

2 Sheets—Sheet 1.



Witnesses
F. L. Ourand.
R. E. Rabbitt.

Inventors
H. C. Womelsdorff
J. M. Scrogin
By John S. Duffie Attorney

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Fig. 5

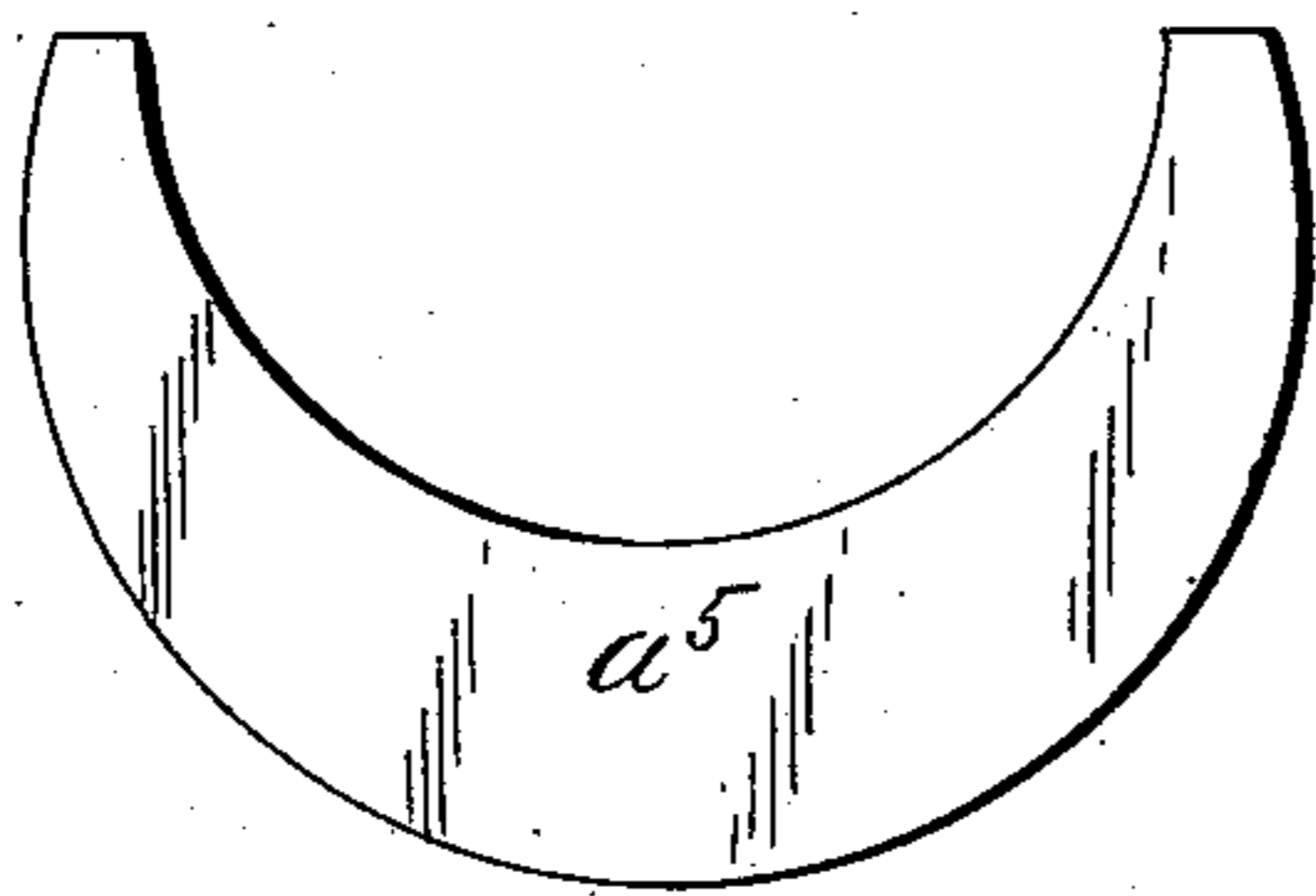
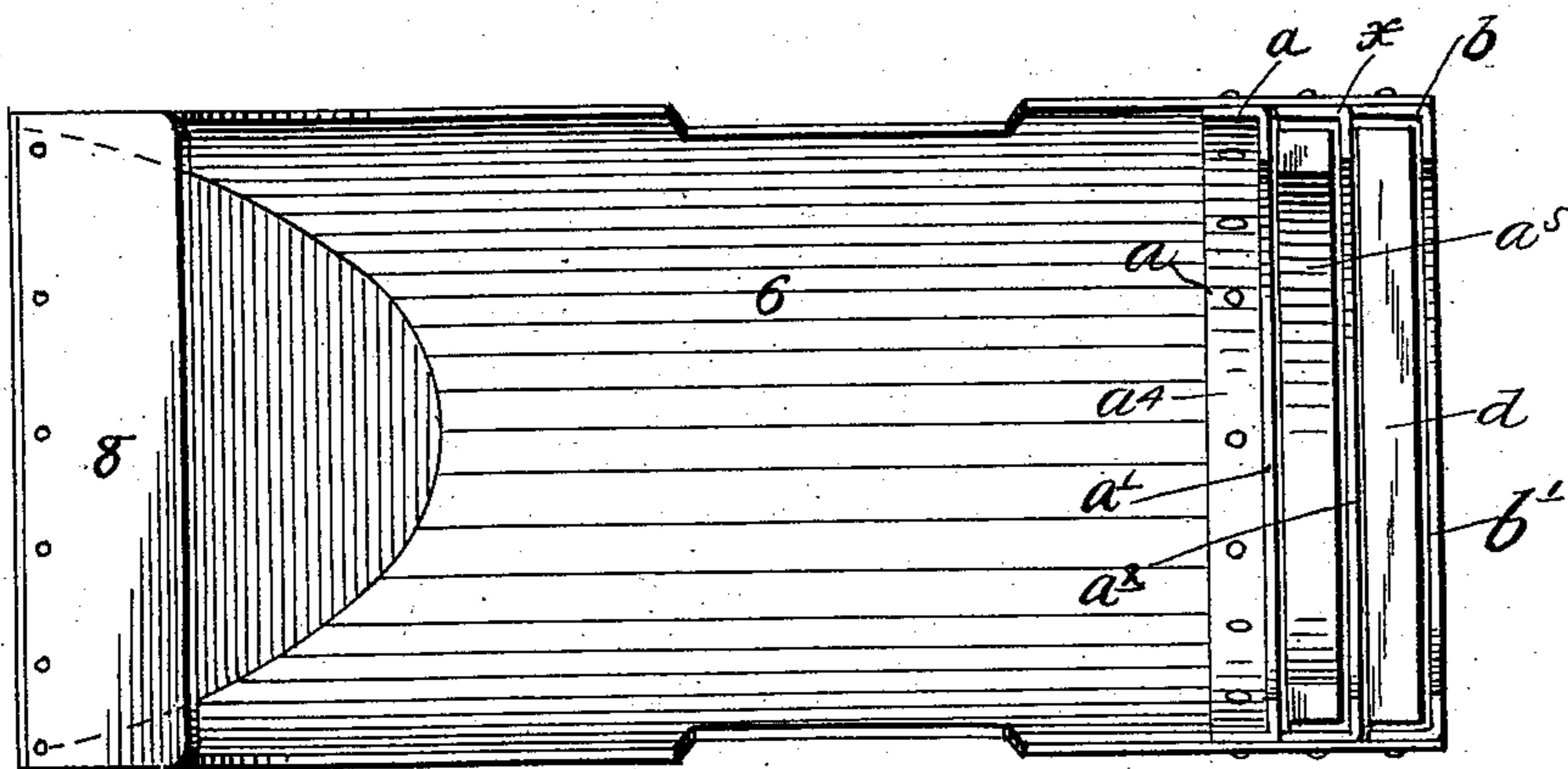


Fig. 6

Witnesses

F. L. Ourand.

George J. Weber.

Inventors

H. C. Womelsdorff

J. M. Scrogin

By Wm. S. Duffie

Attorney

UNITED STATES PATENT OFFICE,

JOHN MOORE SCROGIN AND HENRY CLAY WOMELSDORFF, OF TYLER,
TEXAS.

OIL-BOX CELLAR AND DUST-GUARD.

SPECIFICATION forming part of Letters Patent No. 606,686, dated July 5, 1898.

Application filed August 24, 1897. Serial No. 649,395. (No model.)

To all whom it may concern:

Be it known that we, JOHN MOORE SCROGIN and HENRY CLAY WOMELSDORFF, citizens of the United States, residing at Tyler, in the county of Smith and State of Texas, have invented certain new and useful Improvements in Oil-Box Cellars and Dust-Guards; and we do hereby 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.

Our invention is an oil-box cellar and improved dust-guard combined; and it consists in the novel construction and arrangement of its parts hereinafter set out in this specification and the claim hereunto attached.

The cellar is made to slip in in the front of any standard oil-box and can be made to fit any existing standard oil-box, and is a receptacle for the oil and the waste used to lubricate the journal.

In the accompanying drawings, Figure 1 is an edge view of a car-wheel, part broken away, containing the bearing end of the axle, a longitudinal sectional view of a standard oil-box, and a longitudinal sectional view of our oil-cellar and dust-guard fitted in place. Fig. 2 is a cross-sectional view of Fig. 1 cut on the line xx . Fig. 3 is an enlarged longitudinal sectional view of our oil-box cellar and improved dust-guard. Fig. 4 is an end view with the end plate cut away in order to show the dust-guards. Fig. 5 is an enlarged plan of the cellar. Fig. 6 is a face view of the guard a^5 .

Our invention is described as follows:

1 is the car-wheel.
2 is the journal end of the axle.
3 is the brass over the axle.
4 is the standard oil-box. 5 is the lid of the same.

6 represents our oil-box cellar and improved dust-guard. The cellar is made to conform with the general shape of the standard oil-box and fits on the inside of the same.

7 are spring-feet secured to the under side of the cellar. Their free ends rest on the bottom of the inside of the oil-box 4 and keep the cellar close up to the bottom of the journal and prevent any displacement of the cellar while the truck is in motion. The door 8 of the cellar is to be kept tightly closed, and

the oil-box lid 5 closes over the whole. In the inner end of the cellar are strongly secured three pieces of sheet metal a , b , and x . The inner piece has a flange, an inner flange a' ; sheet x having flange a^2 , leaving between the two said flanges a gully a^3 . In addition to these two flanges is a neck a^4 , by which the piece a is secured to the inner wall of the cellar. Sheet x is also provided with a neck, by which it is secured to the inner wall of the cellar. In the said gully a^3 is fitted an under gasket or dust-guard a^5 , (see Fig. 1,) its inner surface exactly fitting the periphery of the axle.

Immediately at the rear end of the cellar is secured a plate b , having a flange b' , which corresponds with the flange a^2 of the plate x and leaving between the two flanges a^2 and b' a gully b^2 , and in this gully is secured the lower half of a gasket or dust-guard c , its inner surface exactly corresponding to the periphery of the axle. Fitting in the said gully b^2 and immediately over the axle is the upper part of a gasket or dust-guard d , the wings d' of which fit against the outer edges of the gasket c , while the opening d^2 corresponds with the periphery of the axle.

In putting our oil-box cellar and dust-guard in place we raise the lid 5 of the standard journal-box and thrust the box in, the door 8 being left next the door 5, the lower gaskets a^5 and c fitting under the journal. The upper half of the outer gasket d is then slipped down through the top of the journal-box onto the wheel fit, thereby making the box dust-proof, the spring-feet 7, resting on the bottom of the journal-box, holding the upper edge of the cellar firmly in contact with the lower edges of the brass 3.

Having described our invention, what we claim as new, and desire to secure by Letters Patent, is—

An oil-box cellar and dust-guard combined, consisting of the body 6; hinged door 8; spring-feet 7; plate a , having flange a' , plate x , having flange a^2 , and plate b , having flange b' , leaving between said flanges, gullies a^3 and b^2 ; dust-guard a^5 , its inner surface corresponding with the periphery of the axle, and seated in gully a^3 , gasket or dust-guard c , fitting in gully b^2 , and having its inner sur-

face corresponding to the periphery of the
axle; upper gasket or dust-guard d , having
its wings d' fitting against the outer edges of
the gasket c , and its inner surface d^2 , corre-
5 sponding to the periphery of the axle, sub-
stantially as shown and described and for the
purposes set forth.

In testimony whereof we affix our signa-
tures in presence of two witnesses.

JOHN MOORE SCROGIN.

HENRY CLAY WOMELSDORFF.

Witnesses:

A. F. RAY,

W. G. KILFOYLE.