

(No Model.)

F. W. GARDNER & M. B. MILLS.

COAL HOD OR SCUTTLE.

No. 271,699.

Patented Feb. 6, 1883.

Fig. 1.

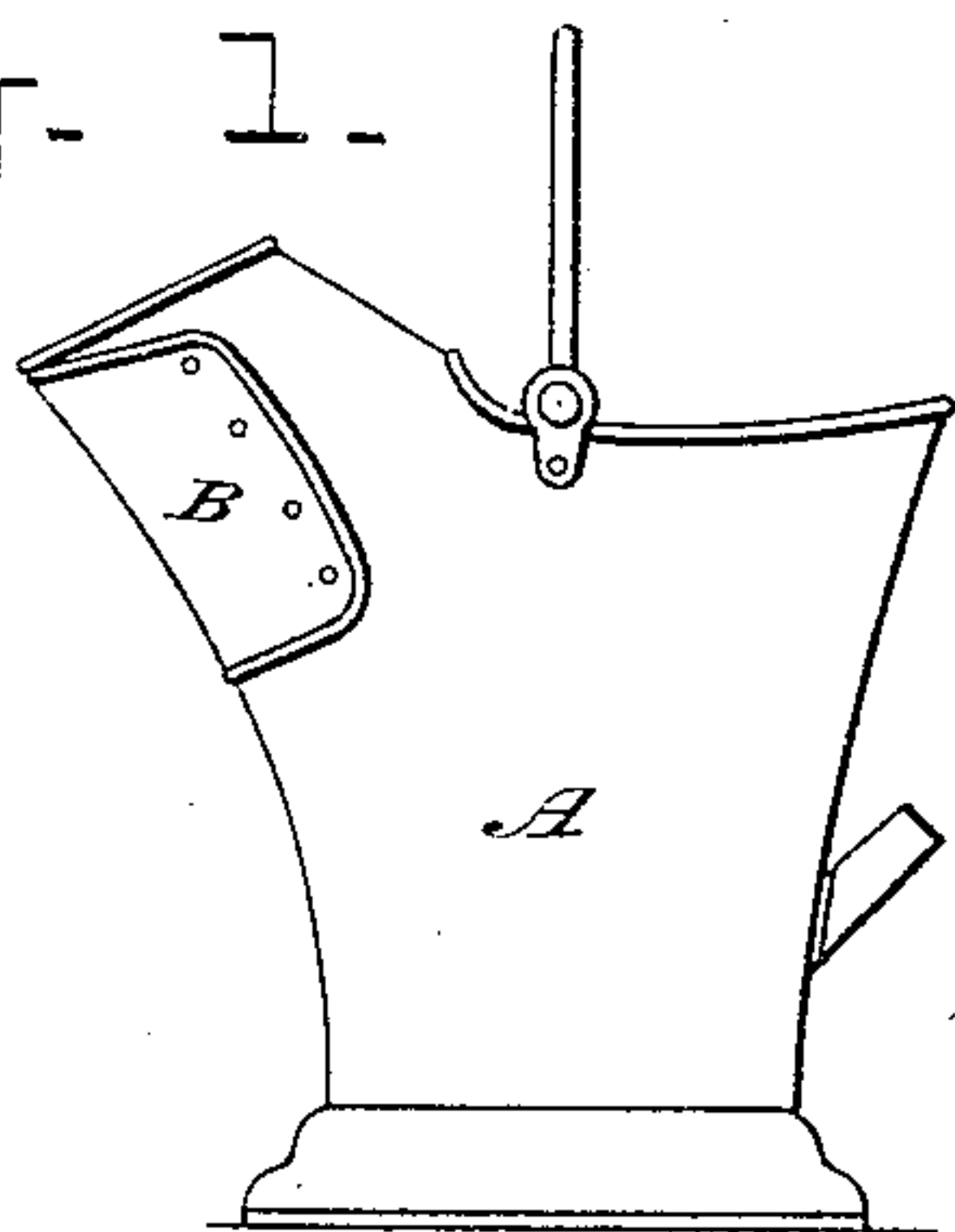


Fig. 2.

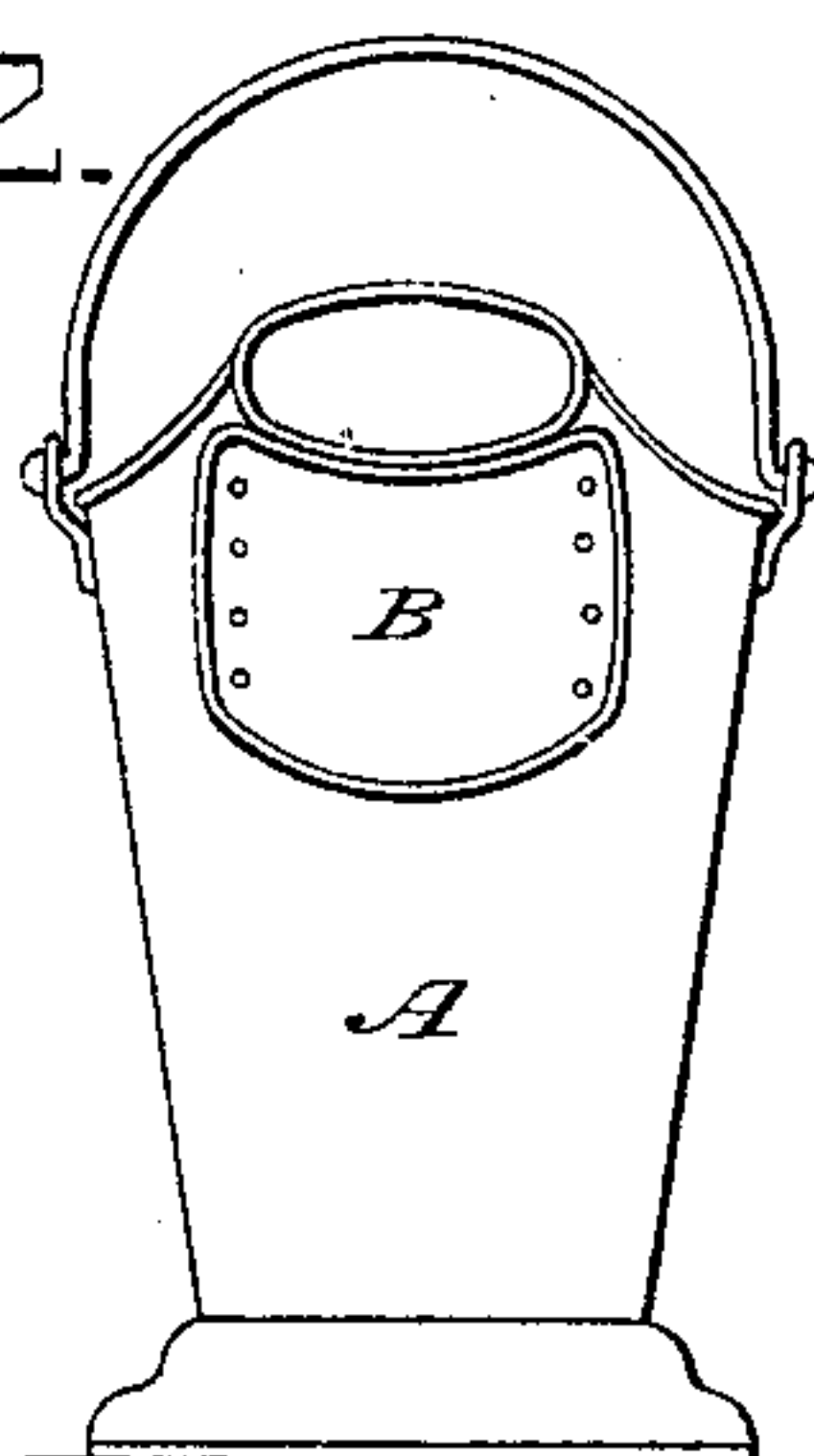


Fig. 3.

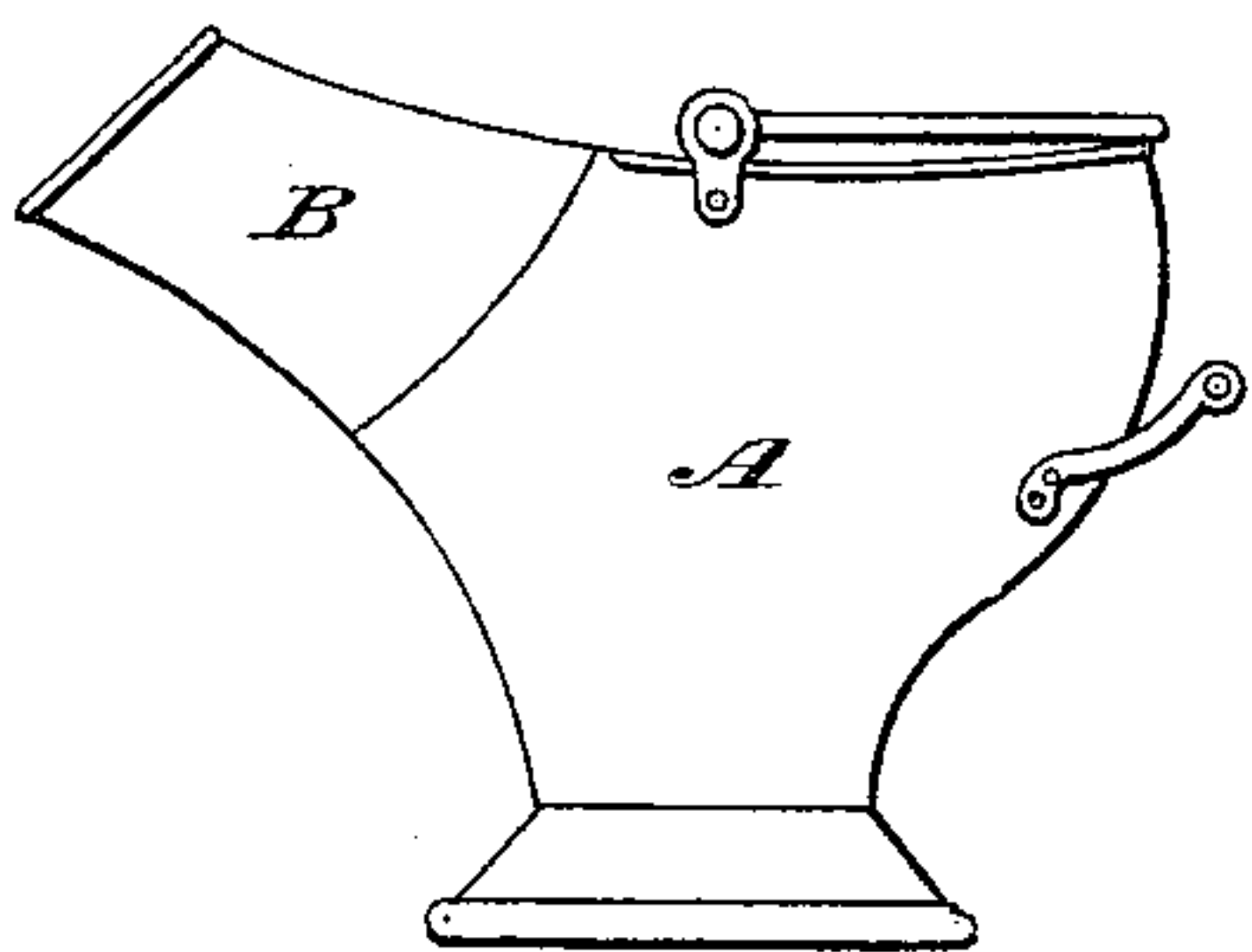


Fig. 4.

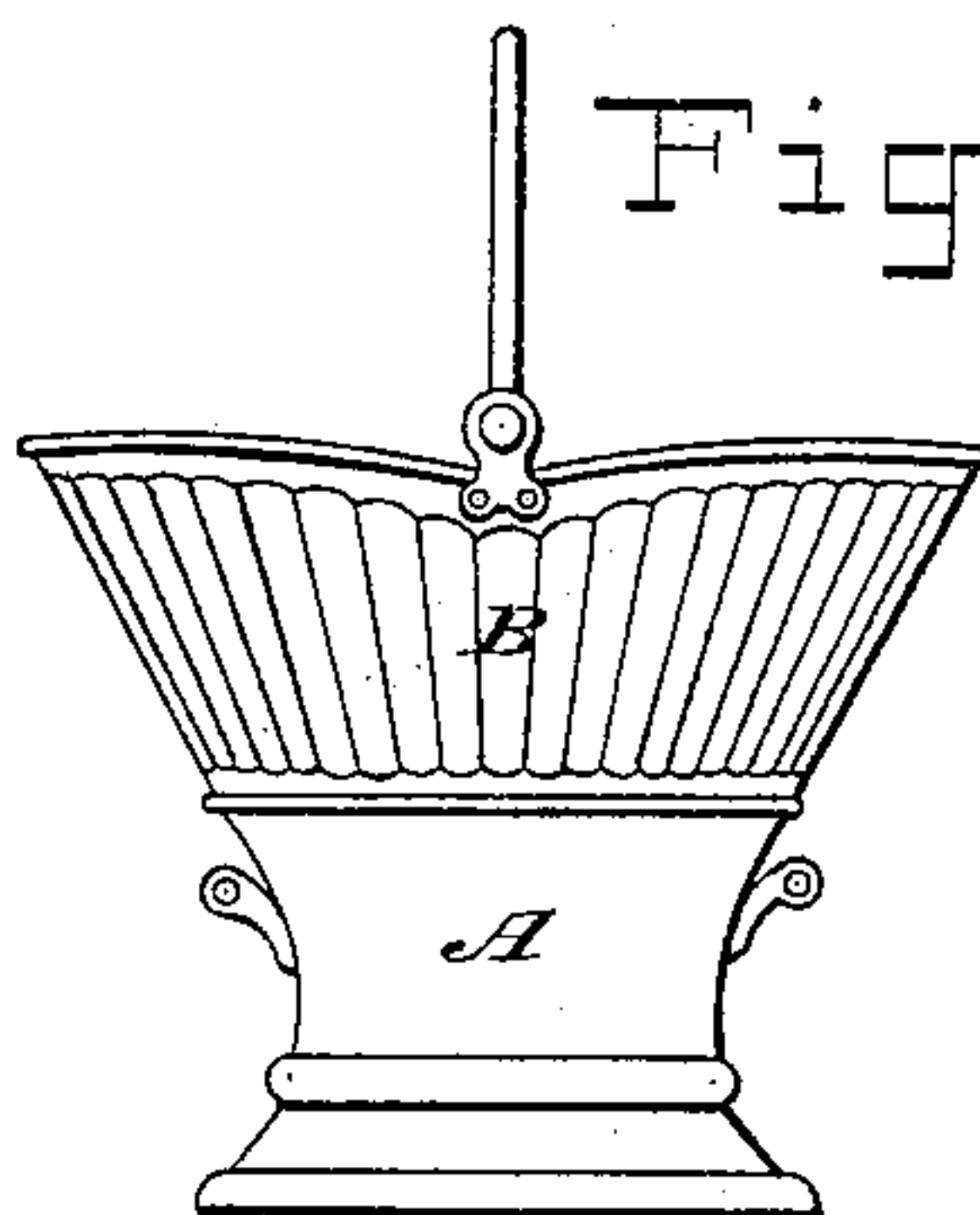
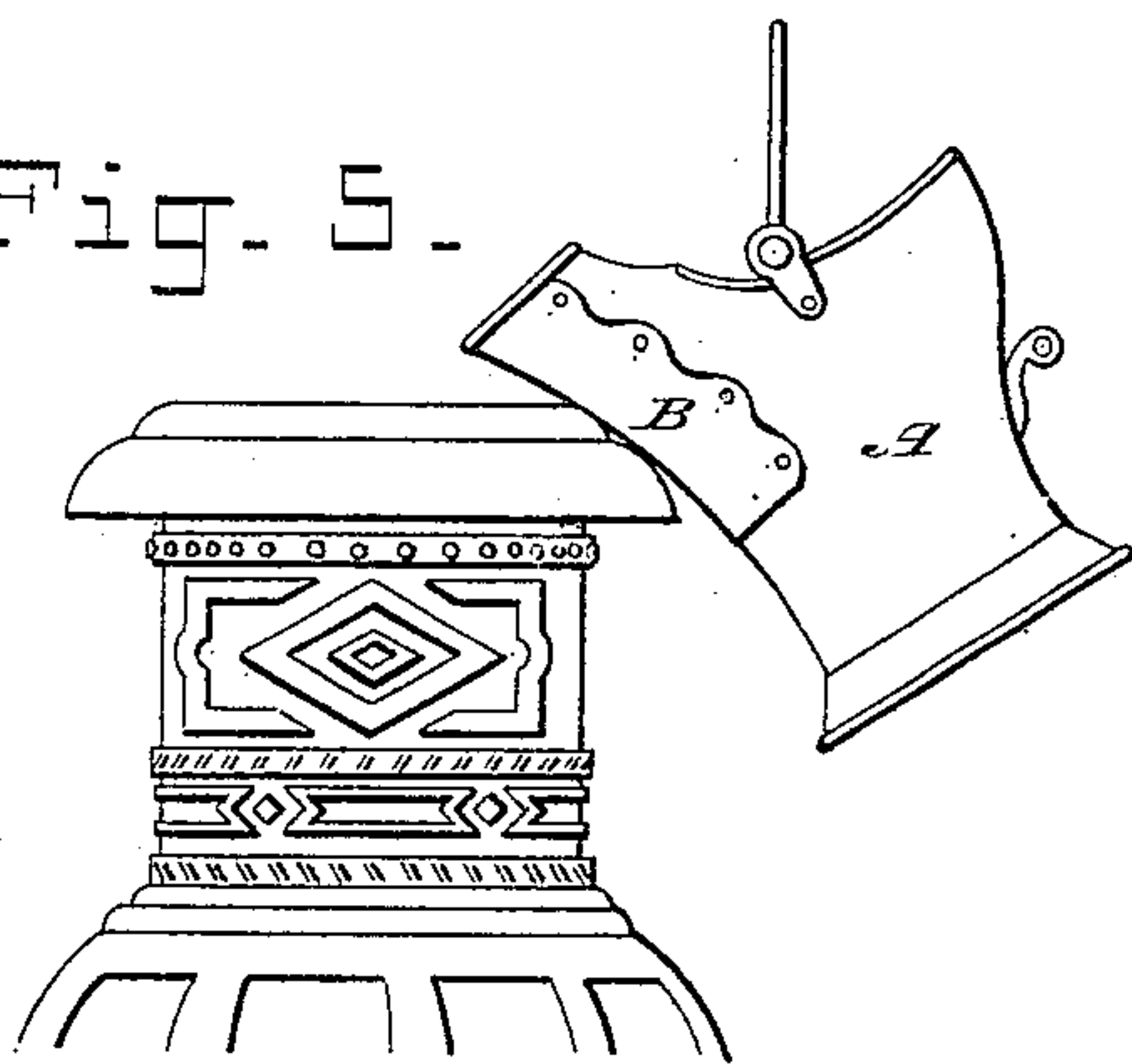


Fig. 5.



WITNESSES:

Geo. H. Fraser
Geo. Dainford

INVENTORS:

And W. Gardner.
Merrill B. Mills.
By their Attorneys,

Burke, Fraser & Hornum.

UNITED STATES PATENT OFFICE.

FRED. W. GARDNER, OF CHICAGO, ILLINOIS, AND MERRILL B. MILLS, OF
DETROIT, MICHIGAN.

COAL HOD OR SCUTTLE.

SPECIFICATION forming part of Letters Patent No. 271,699, dated February 6, 1883.

Application filed December 23, 1882. (No model.)

To all whom it may concern:

Be it known that we, FRED. W. GARDNER, of Chicago, Cook county, Illinois, and MERRILL B. MILLS, of Detroit, Wayne county, Michigan, both citizens of the United States, have jointly invented certain Improvements in Coal Hods or Scuttles, of which the following is a specification.

Many stoves are now made for parlor and other uses which have highly ornamented or plated tops surrounding the openings of the magazines. This plating is usually of nickel on brass or iron, and it is easily marred or injured by contact with the hod in charging the magazine with coal.

To prevent this injury to the ornamental portions of the stove, especially around the margin of the charging-aperture, is the object of our present invention, which consists in providing the hod, which is usually made of iron, with a pad or piece of some softer material than iron affixed to it at the point or points where it is ordinarily brought into contact with the stove in charging the latter.

In the drawings, which serve to illustrate our invention, Figure 1 is a side elevation, and Fig. 2 a front elevation, of a hod provided with a protecting pad or shield. Figs. 3 and 4 are side views of hods, illustrating modified modes of applying the shield. Fig. 5 is a view of the upper portion of a stove, illustrating the employment of a hod provided with our shield.

Referring to Figs. 1 and 2, which show the application of the shield in its simplest form, A represents an ordinary coal-hod, made from sheet-iron, for example; and B is the protecting-shield, secured to the hod at its front, below the outlet, by rivets, flanges, or other suitable means of attaching it. This shield may be made from any suitable material; but we prefer asbestos, because of its non-combustible character. Leather or piston-packing, however, would answer very well for use with stoves where the rim of the magazine does not get hot. Almost every fabric not easily injured by heat and which is too soft to injure the plate on the stove would serve. If made from asbestos or other similar material, the shield might have a narrow binding of thin sheet-brass or other material, for the purpose of enhancing its appearance. The shield may also be attached so as to be readily re-

movable, in order that a new one can be attached in lieu of an old one, when required.

Fig. 3 shows a hod with an elongated tubular outlet or spout, which is entirely surrounded by a shield or covering, B; and Fig. 4 shows another form of hod, in which the shield or covering B extends entirely around its body at the upper part. This covering might be embossed or otherwise ornamented. The object of these last two arrangements of the shield is simply to enhance the appearance of the hod, and would perhaps only be employed in hods of the costlier kinds. A simple shield placed at the proper point, which is sufficiently indicated in Fig. 5, will serve the purpose.

In addition to protecting the stove, the shield serves also to protect the painting and ornamentation on the hod, where such ornamented hods are used, and it also protects the hod itself against wear.

The shield itself may be ornamented or colored in any way to harmonize with the color or ornamentation of the hod and enhance its own appearance.

Having thus described our invention, we claim—

1. A metal coal-hod provided with a shield or covering of some softer material than that of the hod itself attached to the hod in such a manner as to cover that part of the front of the hod which comes in contact with the stove in charging the latter, substantially as set forth.

2. A metal coal-hod provided with a shield or covering of asbestos attached to the hod in such a manner as to cover that part of the hod which comes in contact with the stove in charging the latter, substantially as set forth.

In witness whereof we have hereunto signed our names in the presence of two subscribing witnesses.

FRED. W. GARDNER.
MERRILL B. MILLS.

Witnesses as to signature of Fred. W. Gardner:

J. A. McLAUCHLIN,
C. BREASTED.

Witnesses as to signature of Merrill B. Mills:

WM. H. WALDRON,
CHAS. T. GILBERT.