G. SEYFANG.

Coal-Hod.

No. 160,035. Patented Feb. 23, 1875.

FIG. 1.

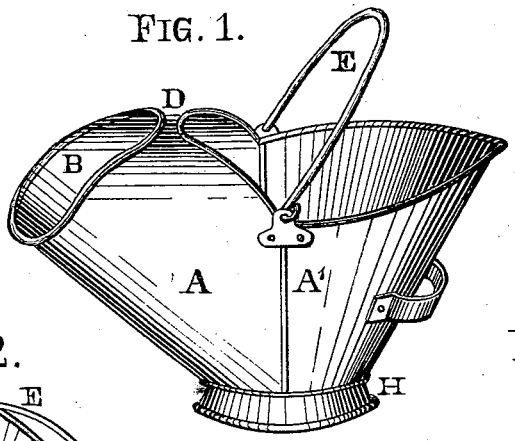


FIG. 2.

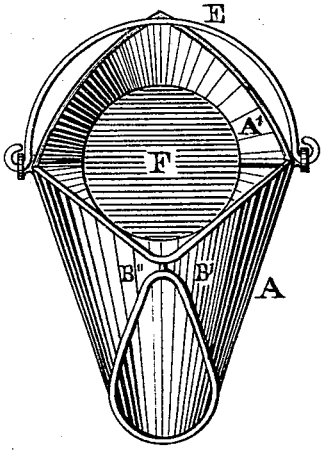
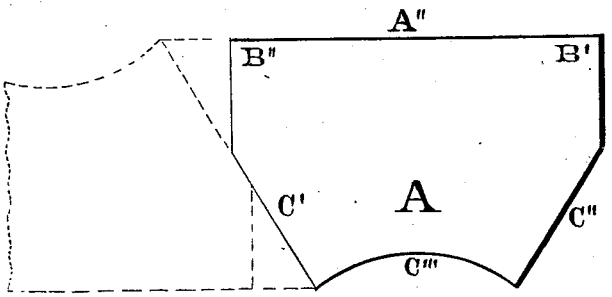
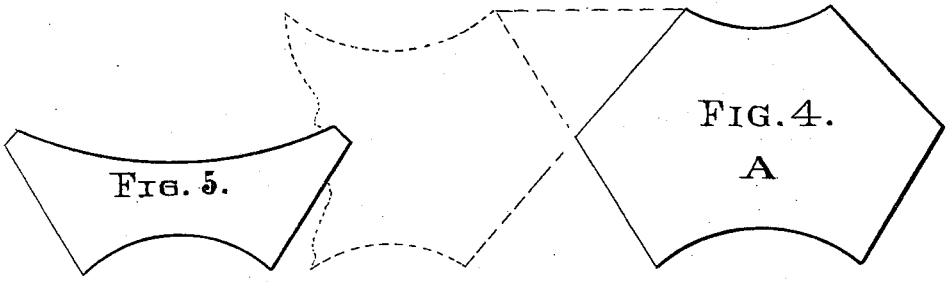


FIG. 3.





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UNITED STATES PATENT OFFICE.

GEORGE SEYFANG, OF BUFFALO, NEW YORK.

IMPROVEMENT IN COAL-HODS.

Specification forming part of Letters Patent No. **160,035**, dated February 23, 1875; application filed January 9, 1875.

To all whom it may concern:

Be it known that I, GEORGE SEYFANG, of the city of Buffalo, in the county of Erie and State of New York, have invented certain new and useful Improvements in Funnel Coal-Hods; and I do hereby declare that the following is a full, clear, and exact description of the same, having reference to the accompanying drawing, which makes a part of this specification and illustrates my invention more fully.

In the drawing, Figure 1 is an elevation of my improved coal-hod. Fig. 2 is a top view of the same. Fig. 3 is a detail view of the front sheet, showing its shape previous to bending. Fig. 4 is a detail view of the front sheet as now usually made. Fig. 5 is a detail view of the funnel-arch as now made.

Like letters of reference indicate like parts in the several figures.

The nature of my invention relates to improvements in funnel coal-hods, whereby the same are made stronger and at less cost han has heretofore been accomplished; and it consists in the peculiar shape and arrangement of the front sheet, and such other details as hereinafter fully set forth and described.

It has heretofore been the custom to make funnel coal-hods by attaching a separate piece to the spout of the same, such as shown in Fig. 5, and by making the front part out of a sheet, as shown in Fig. 4. As will be seen by these two figures, there is always a considerable waste of metal when coal-hods are made up after such patterns, while the cutting of these pieces forms a large item in the cost of making the coal-hods, on account of their curved delineation. To overcome these objections and drawbacks, which is the object of my present invention, I cut the front piece A, Fig. 3, as illustrated, which will leave only two very small pieces as waste, and bend the two corners B′ B″ over a suitable block or form into such shape that these corners B′ B″ will form the arch of the funnel, and that the two converging sides C′ C″ can be jointed or double-seamed to the back piece A′. This will enable me to do without a separate arch-piece, as shown in Fig. 5, and to keep the seams in such a place where they will not be deranged from the effects of the careless usage to which a coal-hod is naturally subjected. There will also be a considerable saving of material and labor in making coal-hods after my improved pattern, and many other advantages that need not be mentioned.

In order to enable any one skilled in the art to which my invention pertains to make and use the same, I shall proceed to describe its particulars.

A is the blank of the front piece. It is made from sheet metal, and has the straight front A″, the two parallel sides B′ B″, the converging edges C′ C″, and the curved back C‴. This blank is formed by bending it in the middle, and near the two corners B′ B″, over a suitable block or form, so that the two corners will meet each other and the two converging sides become parallel. When in such a shape it is ready to be attached to the back piece A′ on the sides C′ C″ by double seams or other means, and the two corners B′ B″ to be jointed to form the funnel. Now, the edges of the front piece A, as well as those of the back piece A′, are ready to be "wired," to strengthen them and to add to the attractiveness of the scuttle. The bail E may now be attached in the usual manner, and the bottom F and rim H "swaged" together, when the scuttle will be finished and ready for use, or for ornamenting previous to that.

It will be observed that, by joining the front and back pieces A A′ in the middle of the longest side of the scuttle, and forming the funnel by making its arch an extension of the sides, and jointing them at the apex, there are virtually only two seams in the body of the scuttle, and in such places where they will not be affected by rough usage.

Having thus fully described my invention, I desire to be secured to me by Letters Patent—

The blank A, consisting of a single piece of metal, and having the linear front A″, right-angled corners B′ B″, converging sides C′ C″, and curved back C‴, adapted to form the funnel or front part of a coal-hod, substantially in the manner shown, and for the purpose set forth.

In witness that I claim the foregoing as my invention, I have hereto set my hand this 4th day of January, 1875.

GEORGE SEYFANG.

Witnesses:

MICHAEL J. STARK,

JOHN B. EDMONDS.