

(No Model.)

C. GORDON.

CUSPIDOR.

No. 282,307.

Patented July 31, 1883.

Fig. 1.

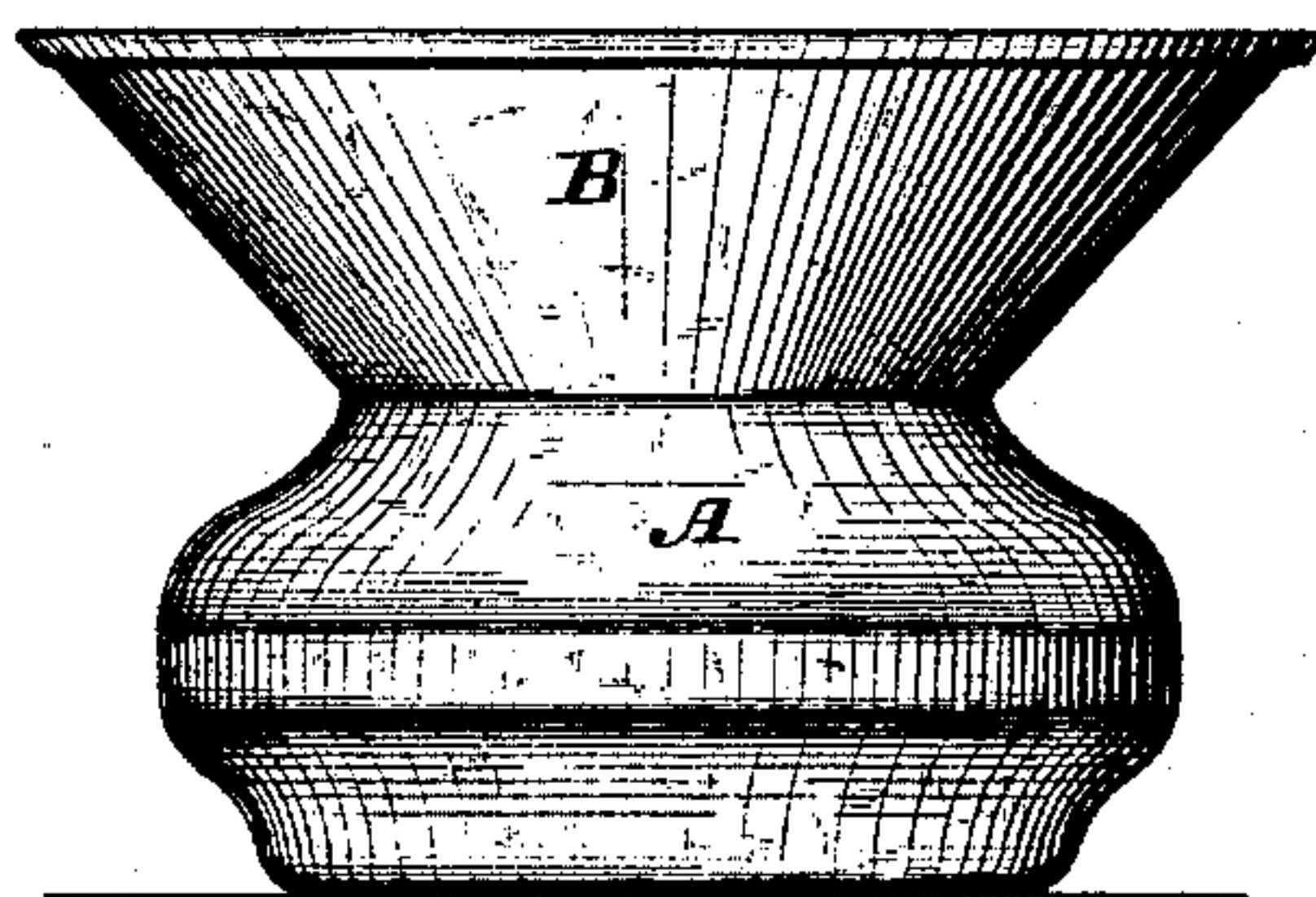
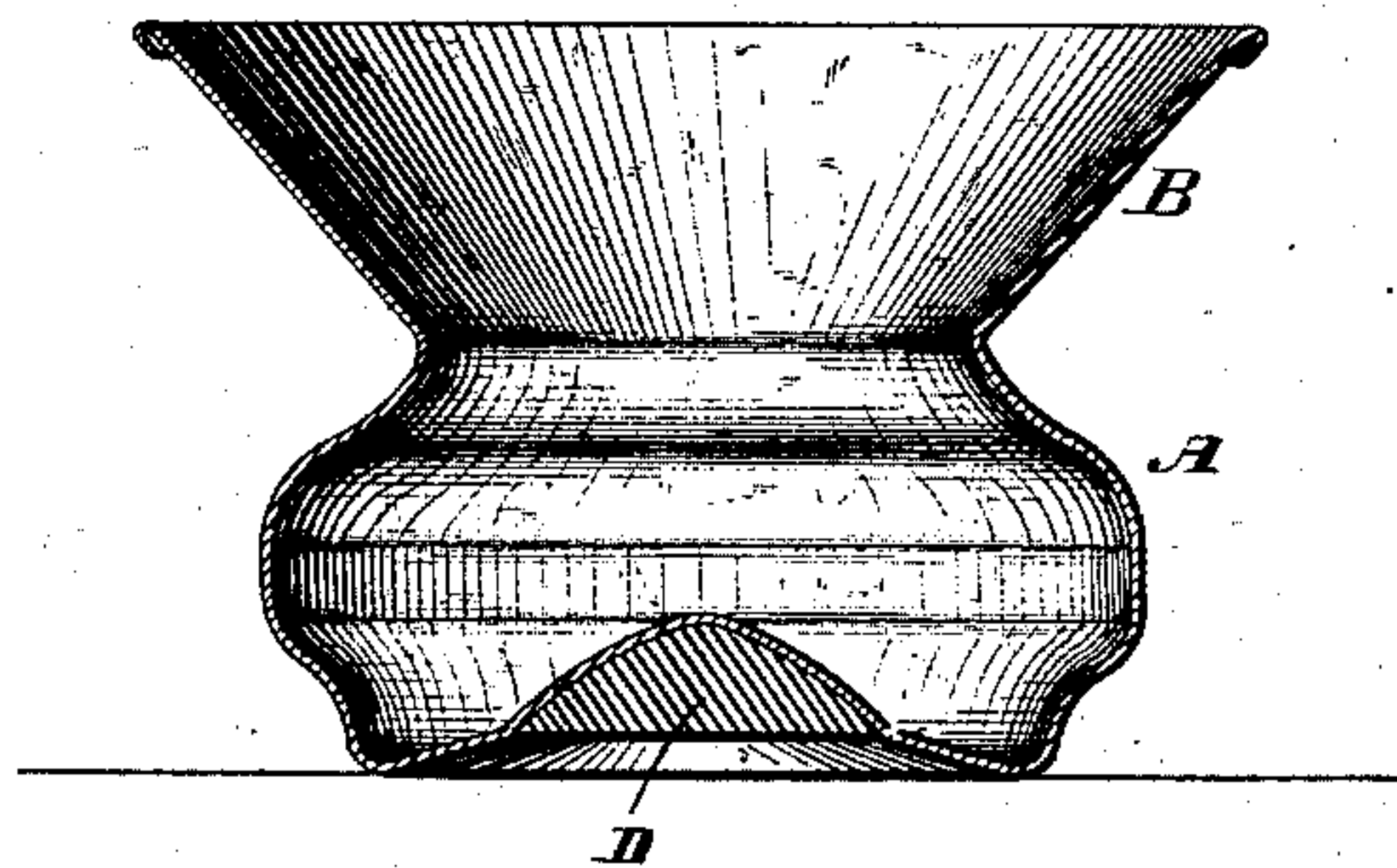


Fig. 2.



Witnesses:

J. Henry Kaiser.
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UNITED STATES PATENT OFFICE.

CHARLES GORDON, OF CLEVELAND, OHIO.

CUSPIDOR.

SPECIFICATION forming part of Letters Patent No. 282,307, dated July 31, 1883.

Application filed June 8, 1883. (No model.)

To all whom it may concern:

Be it known that I, CHARLES GORDON, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and
5 useful Improvements in Cuspidors; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this application.

10 My invention relates to a new and useful improvement in sheet-metal cuspidors; and it consists, essentially, in forming the cuspidor of substantially the shape hereinafter shown and described, and of one single piece of sheet metal,
15 in contradistinction to the formation or manufacture of such an article out of two or more separate pieces of sheet metal, as has been customary previous to my invention.

To enable those skilled in the art to make
20 and use my invention, I will now proceed to more fully explain it, referring by letters to the accompanying drawings, forming a part of this specification, and in which I have shown a sheet-metal cuspidor made according to my
25 invention, as I have so far successfully practiced the latter.

In the drawings, Figure 1 is a side view or elevation of a cuspidor made according to my invention, and Fig. 2 is a vertical central section of the same.
30

The configuration or form of the cuspidor is substantially the same as metallic cuspidors, well known to the trade, and belonging to that type in which the body portion of the article
35 presents in cross-section a nearly elliptical form, and in which said body portion is supplemented with a flared upper or mouth portion, the form of which in cross-section is about that of an inverted frustum of a cone. Preferably
40 the flared or upper portion, B, is made of a size and shape such that the upper edge or circumference of the cuspidor will be somewhat greater than the largest circumference of the body portion A of the article. This
45 relative size and shape of the flared top to the body portion is deemed preferable, in order that in the event of the cuspidor being turned over onto its side there would be less liability of
50 the vessel; but this preferred form is not of

course essential to my invention, which may be carried out in a cuspidor somewhat different in configuration from what I have shown in the drawings.

Preferably the article is provided at its base 55 with a supplemental metallic piece, D, which may be conveniently arranged within the recessed portion of the base of the cuspidor, as shown, and which may be securely fastened in place in any desirable manner, said supplemental piece D operating by its gravity to
60 render the cuspidor self-righting in the manner well understood by those familiar with the manufacture of such articles.

In making my improved cuspidor a single 65 blank of any suitable sheet metal is first stamped or drawn up in a dish-like form, and is then spun over or inwardly from the largest part of its body portion A, and then outwardly again, so as to form the contracted upper portion of the body, and also the flared mouth or
70 upper portion, B, substantially as shown, the necessary operations to produce the requisite shape from such single blank being performed with the usual tools and appliances, a collapsible chuck being used in the operation of drawing over or spinning up the metal into the desired shape. Of course any suitable sheet
75 metal may be employed, preferably sheet-brass of the proper thickness and quality. 80

It will be seen that in the manufacture of a cuspidor of substantially the form shown, (which is about that commonly in use,) and of a single piece of sheet metal, as explained, not only are all seams or joints avoided, and consequently the labor of properly making them saved, but a large economy or saving is effected in the use of the sheet metal employed in the manufacture, since in the use of the single blank, in the manner shown and described, not
85 only is there no scrap formed by cutting out any middle portions to form the perforations usual in making sheet-metal cuspidors of two or more parts, but the entire waste in trimming and shaping the final or finished edge of the bent-up blank is not much more than that of trimming the finished bent-up edge of each one of
90 the blanks which are used in making such an article of two or more separate pieces; hence not only is a cuspidor of about the usual 100

form produced, which is more desirable for use than any heretofore made of sheet metal, but the improved article can be manufactured more economically than the less desirable one heretofore made.

5 Having so fully explained my invention that those skilled in the art can practice the same, and wishing to be distinctly understood that the precise configuration of the article shown
10 in the drawings may be more or less varied without departing from the spirit of my in-

vention, what I claim as new, and desire to secure by Letters Patent, is—

The manufacture of cuspidors of the type shown and described of a single piece of sheet 15 metal, substantially as hereinbefore set forth.

In witness whereof I have hereunto set my hand this 28th day of May, 1883.

CHARLES GORDON.

In presence of—

JACOB FELBEL,
M. H. SMITH.