J. HAMILTON.
WASH-BASIN.

No. 193,116. Patented July 17, 1877.

Fig 1

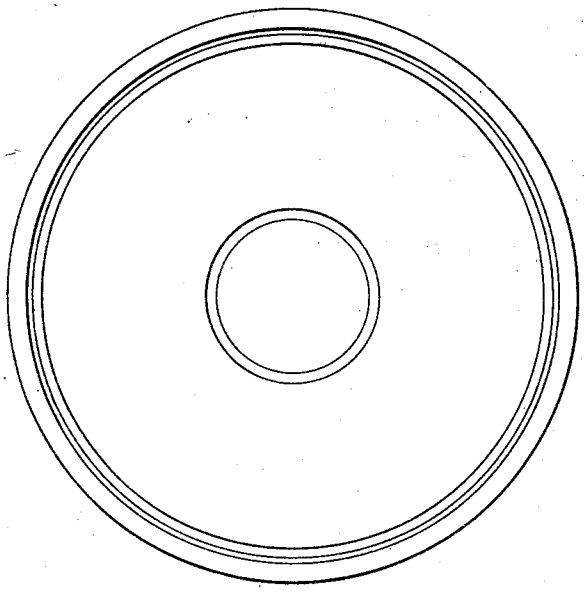
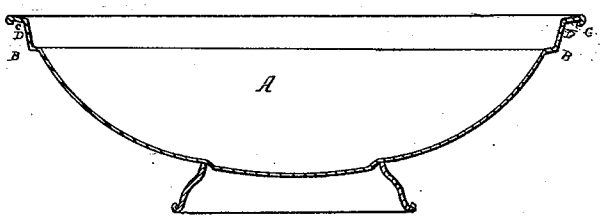


Fig 2



Witnesses
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W. J. Johnston

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his atty

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UNITED STATES PATENT OFFICE.

JOHN HAMILTON, OF PITTSBURG, PENNSYLVANIA.

IMPROVEMENT IN WASH-BASINS.

Specification forming part of Letters Patent No. **193,116**, dated July 17, 1877; application filed January 2, 1877.

To all whom it may concern:

Be it known that I, JOHN HAMILTON, of Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented a new and useful Improvement in Basins and Analogous Articles; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The object of my invention is an improvement in that class of basins which are formed of one piece, stamped or struck up to the desired shape; and my improvement consists in making the basin with triple flanges at the edge, so formed and arranged that a better and stronger article may be produced at a less expense than heretofore.

In the accompanying drawing, Figure 1 is a plan view of my improved basin, and Fig. 2 is a transverse section.

In the manufacture of ordinary stamped metal basins it is necessary to use metal of superior quality, inasmuch as the edges are so expanded by stamping that they would not resist the blows resulting from striking the article against hard substances. This may be partially remedied by inserting a heavy wire at the edge, which adds to the expense.

In order to effect the desired result without the use of such heavy metal, I form at the edge of the basin a girder consisting of three flanges, C D B, arranged as shown in Fig. 2, the central flange, D, being vertical, and the others horizontal, making a girder of the form shown.

Thus constructed, the edge of the vessel, while of extremely thin metal, will possess greater rigidity than that of an ordinary basin, inasmuch as the horizontal flanges C B will resist radial blows, and the vertical flange D will resist vertical blows.

In order to impart proper finish, the outer end of the flange C is folded around a light finishing-wire.

I do not claim, broadly, a vessel strengthened by flanges at the edge; but

I claim—

As a new article of manufacture, a wash-basin stamped from one piece of metal, and strengthened at the edge by the horizontal flanges C B and vertical flange D, as shown and described.

JOHN HAMILTON.

Witnesses:

A. C. JOHNSTON,

W. JOHNSTON.