D23-253 EX

D7463 OR D 10,775

ESIGN.

J. L. WOLCOTT.

Hand-Wheels for Globe and Angle Valves, &c.

No. 10,775. Patented Aug. 6, 1878.

Fig. 1.

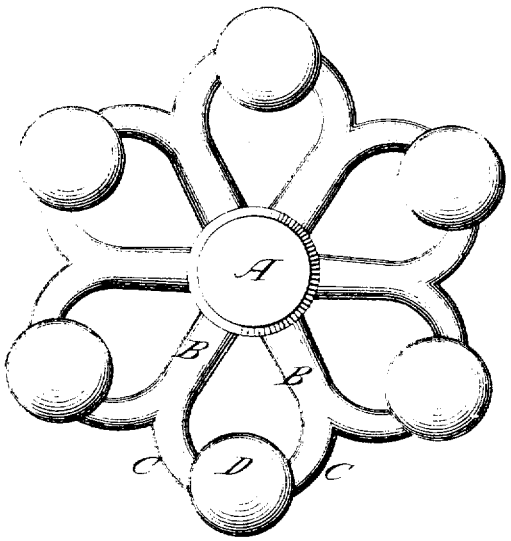
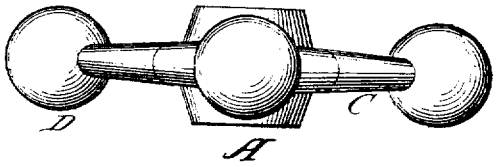


Fig. 2.



Attest:

A. C. Barlow

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UNITED STATES PATENT OFFICE.

JOSEPH L. WOLCOTT, OF TOLEDO, OHIO, ASSIGNOR TO SHAW, KENDALL & CO., OF SAME PLACE.

DESIGN FOR HAND-WHEELS FOR GLOBE AND ANGLE VALVES, &c.

Specification forming part of Design No. **10,775**, dated August 6, 1878; application filed March 15, 1878.
[Term of patent 7 years.]

To all whom it may concern:

Be it known that I, JOSEPH L. WOLCOTT, of the city of Toledo, county of Lucas, State of Ohio, have originated and designed a pattern for casting or molding, from iron or brass or other suitable metal, hand-wheels for globe and angle valves, and other brass and iron goods for steam, water, gas, and other purposes, of which the following is a clear, full, and exact description, reference being had to the accompanying drawing, making a part of this specification, in which—

The first figure is a side view of said wheel, and the second figure is an edge view of the same, like letters referring to like parts in both.

A represents the hub of an ordinary wheel. B B represent arms of an ordinary wheel. C C represent two curved portions, into which each arm B is divided, the adjacent portions C C of adjacent arms B B meeting each other, and terminating in ball D, as may be readily seen by reference to the drawings, the object being to construct a hand-wheel for globe and angle valves cast from iron or brass.

In view of the state of the art, as shown by reference to patent to J. Matthews, September 12, 1865, No. 2,166, (stop-cock,) applicant says that the configuration of J. Matthews' design is composed of the hub, arms, and rim of an ordinary wheel, with enlargements in the shape of balls where the arms of the wheel intersect or come in contact with the rim, while in applicant's design what might be termed the "rim" of the wheel is a series of scallops or half-circles formed by each arm dividing into two quarter-circles turning from each other, adjacent divisions of adjacent arms meeting each other, which point of meeting is covered by a ball, there necessarily being as many of said scallops and balls as there are arms of the wheel, the specific differences being in the formation of the rims of the two wheels, the one being an ordinary rim, the other being a series of scallops or half-circles formed by divisions of the arms; and in the placing of the balls: in the one the balls are placed at the point of intersection of arms and rim, said arms being radial from the center, and in the other the balls are placed midway between the arms at the point of the meeting of the quarter-circles into which each arm is divided.

What I claim as my invention is—

A design for hand-wheels for valves, in which each arm is divided into two portions, adjacent portions of adjacent arms meeting each other in the form of half-circles, the point of meeting being covered by a ball, substantially as in the manner above described.

JOSEPH L. WOLCOTT.

In presence of—
A. C. BARLOW,
W. H. TUCKER.