EX

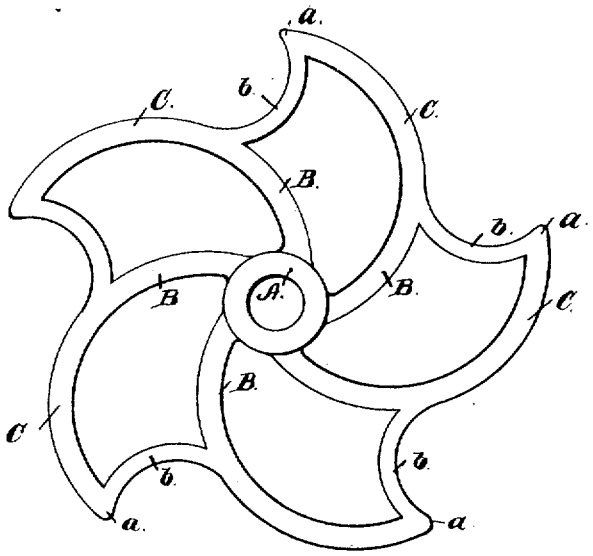
OR D 10,906

DESIGN.

C. E. PEASE.

Pattern for Hand-Wheels for Valves.

No. 10,906. Patented Nov. 12, 1878.



Witnesses;
Chas. M. Peck
P. H. Gunckel

Originator;
Charles E. Pease
by his Attys:
Peck & Ritchie

UNITED STATES PATENT OFFICE.

CHARLES E. PEASE, OF DAYTON, OHIO.

DESIGN FOR PATTERN FOR HAND-WHEELS FOR VALVES.

Specification forming part of Design No. **10,906**, dated November 12, 1878; application filed October 30, 1878.
[Term of patent 7 years.]

To all whom it may concern:

Be it known that I, CHARLES E. PEASE, of Dayton, in the county of Montgomery and State of Ohio, have originated and designed a pattern for casting or molding, from iron, 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; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing, making a part of this specification, in which the figure represents a plan view of said wheel.

A is the hub of the wheel. This hub may be cylindrical, square, spherical, prismoidal, or of any other desired shape. From it, as a center, extend five, six, seven, or any other desirable number of radial arms or spokes, B, all curved, as shown, and in the same direction, and located at equal distances apart, so as to intersect and merge into the periphery at equidistant points. The periphery consists in outline of a series of broken curves or S-shaped lines, C, whose extremities turn in different directions. These curves C, at their several points of junction, *a*, form internal angles more or less acute. Between the points *a* and the points at which the radial arms B intersect the periphery of the wheel are formed re-entering curves *b b*.

It will be seen that the number of S-shaped lines C and re-entering curves *b b* correspond with the number of spokes B; also, that each spoke bends in the same direction as the larger of the two curves which constitute the peripheral lines C, so as to form almost one continuous curve with such lines.

What I claim is—

A design for hand-wheels in which the periphery is composed of a series of S-shaped sections, C, and in which the curved arms B merge into the periphery, substantially as specified.

Witness my hand this 16th day of October, A. D. 1878.

CHARLES E. PEASE.

Witnesses:
P. H. GUNCKEL,
CHAS. M. PECK.