

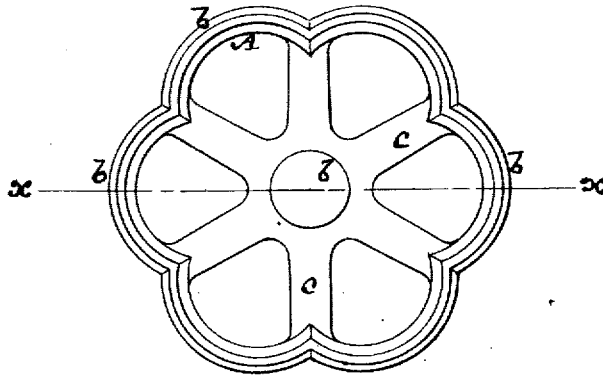
DESIGN.

E. G. BURNHAM.

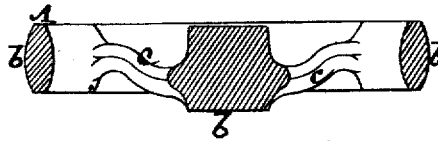
*Des.* HAND-WHEELS OF VALVES.  
No. 9,309.

Patented May 23, 1876.

*Fig. 1.*



*Fig. 2.*



Witnesses.  
*John Decker*  
*Thos. Harnes*

*E. G. Burnham*  
*Clyde Atorney*  
*Brown & Allen*

# UNITED STATES PATENT OFFICE.

EDWARD G. BURNHAM, OF BRIDGEPORT, CONNECTICUT.

## DESIGN FOR HAND-WHEELS OF VALVES.

Specification forming part of Design No. 9,309, dated May 23, 1876; application filed May 4, 1876.  
[Term of Patent 7 years.]

*To all whom it may concern:*

Be it known that I, E. G. BURNHAM, of Bridgeport, in the county of Fairfield and State of Connecticut, have invented a new and Improved Design for Hand-Wheels of Valves; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing which forms part of this specification.

The nature of my invention which is fully represented in the accompanying drawing, relates to an improved design for hand-wheels of valves and other devices, and consists in a peculiar form and configuration of the rim of the wheel, as hereinafter described.

Figure 1 is a face view of the wheel, and Fig. 2 a transverse section thereof on the line *x x*.

The rim *A* of the wheel, which is united with the hub *b* by arms *c*, presents a many-sided convex form or profile on its exterior in a plane or planes transverse to the axis of the

wheel, and is of a further convex form on its exterior in planes which are radial to said axis. Thus the exterior of the rim is made up of a series of double convex projections, *b b*, their convexity being both in direction of the circumference of the wheel and transversely to said circumference, as clearly shown in the two figures of the drawings. The inner side of the rim is also convex, so that said rim presents the form of an ellipse in its transverse section.

I claim—

As a design for wheels, a polygonal rim, the exterior of which is composed of a series of projections of convex form, both in direction of the circumference of the wheel and transversely thereto, substantially as specified.

EDWARD G. BURNHAM.

Witnesses:

CHAS. THO. GLOVER,  
CHARLES S. STEPHENS.