

DESIGN.

J. F. STARR, Jr.

SHEET-METAL WATER-PIPE.

No 9,891.

Patented April 3, 1877.

Fig. 1.

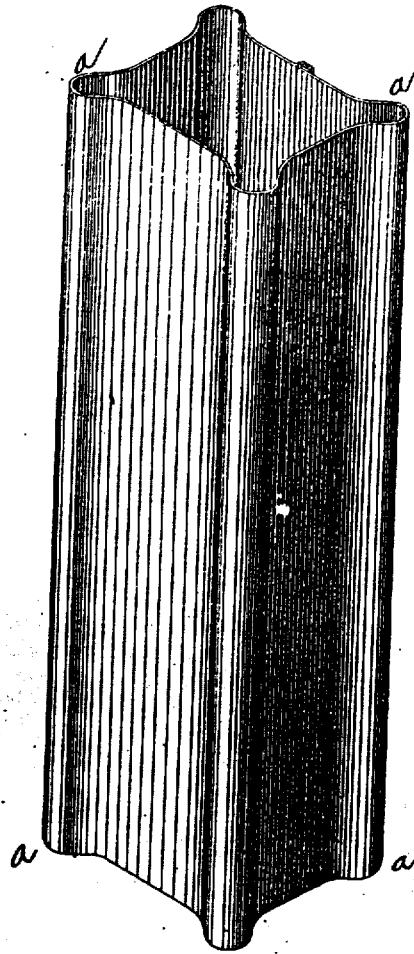
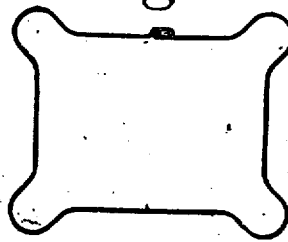


Fig. 2.



Witnesses

Geo. A. Vaillant
F. C. Harding.

Inventor

John F. Starr, Jr.
by *J. Thomsen Bell,*
Attorney.

UNITED STATES PATENT OFFICE.

JOHN F. STARR, JR., OF CAMDEN, NEW JERSEY.

DESIGN FOR SHEET-METAL WATER-PIPE.

Specification forming part of Design No. **9,891**, dated April 3, 1877; application filed February 17, 1877.
[Term of Patent 7 years.]

To all whom it may concern:

Be it known that I, JOHN F. STARR, Jr., of the city and county of Camden, in the State of New Jersey, have originated and designed a Sheet-Metal Water-Pipe, of which the following is a description, reference being had to the accompanying drawing, in which—

Figure 1 is a view in perspective of a sheet-metal water-pipe of my design, and Fig. 2 an end view of the same.

The pipe A is formed of a sheet of metal, so crimped, bent, and seamed as to present, when finished, a quadrangular section, having a longitudinal bead, *a*, at each of its corners, the beads being united to the four flat sides by reversed curves, so that no sharp angles shall be formed at any point.

My design thus presents a substantially rectangular pipe, ornamented by projecting segmental beads at its corners, and is more appropriate in many architectural constructions than the ordinary plain or corrugated cylindrical pipes.

What I claim as my invention is—

A design for a sheet-metal water-pipe having a quadrangular section and a longitudinal bead at each of its corners, united to the flat sides by reversed curves, substantially as set forth.

JOHN F. STARR, JR.

Witnesses:

WATSON DEPUY,
SANFORD LIVERMORE.