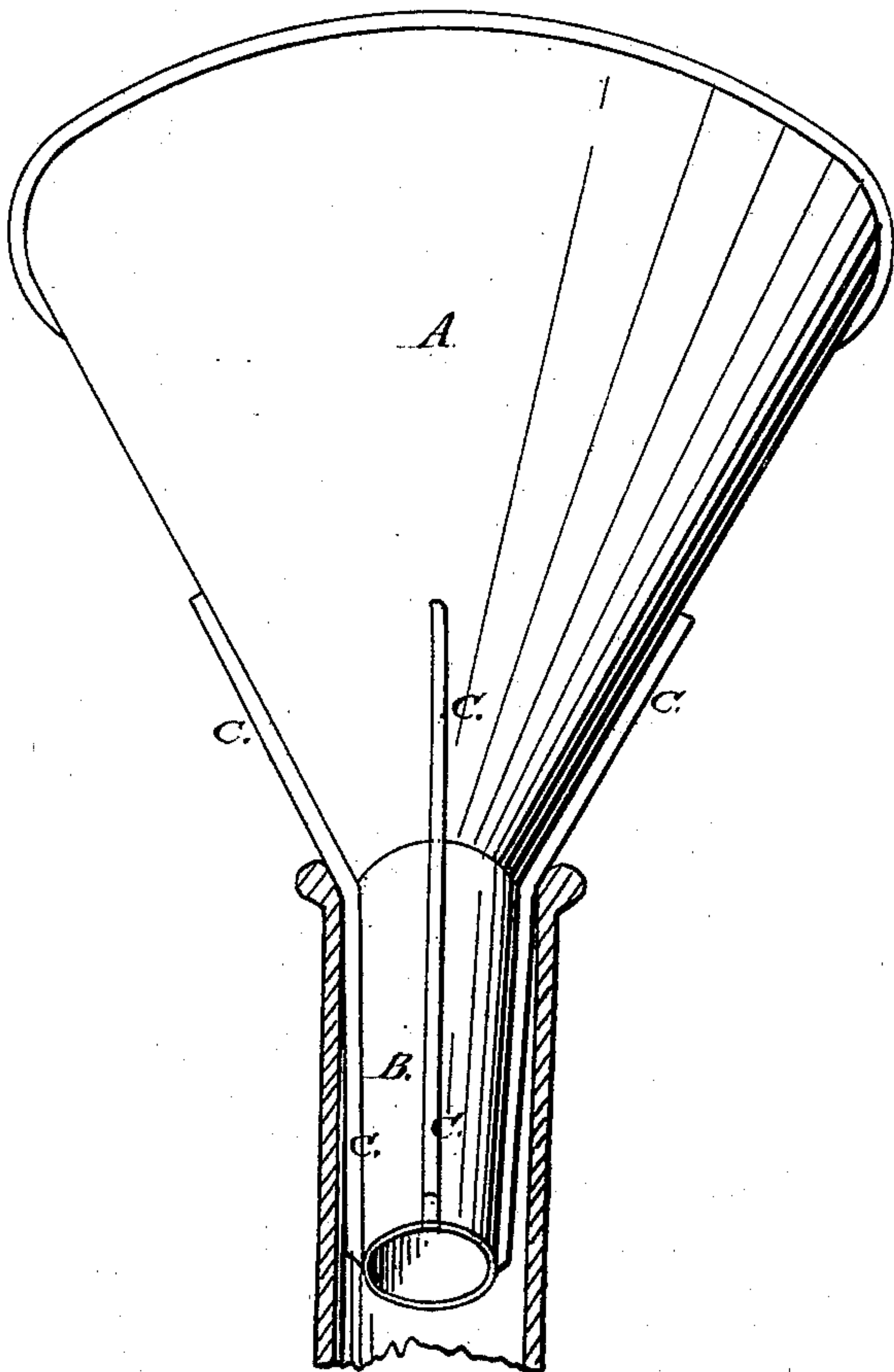


J. L. Beaumont,

Funnel.

No. 91,899.

Patented June 29, 1869.



WITNESSES:

F. S. Spring
Wm A. Morgan

INVENTOR:
Joseph L. Beaumont
by
Mumford & Co.
Attorneys.



JOSEPH I. BEAUMONT, OF ST. PAUL, MINNESOTA.

Letters Patent No. 91,899, dated June 29, 1869.

IMPROVEMENT IN FUNNELS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that I, JOSEPH I. BEAUMONT, of St. Paul, in the county of Ramsey, and State of Minnesota, have invented a new and useful Improvement in Air-Escape Funnels; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification.

The figure is a perspective side view of my improved funnel.

My invention has for its object to improve the construction of my improved air-escape funnel, patented July 7, 1868, and numbered 79,799, so as to make it simpler and cheaper in construction, and equally or more convenient in use; and

It consists in providing the outer side of the neck, and the lower part of the body of the funnel, with a series of wire rods, as will be hereinafter more fully described.

A is the body, and B is the neck of the funnel, which said parts are made and attached to each other in the ordinary manner.

C are wire rods, the size of which should correspond with the size of the funnel A B, and three or more of which are soldered, brazed, or otherwise securely attached to the outer side of the neck B and lower part of the body A of the funnel; said rods extending up along the body A for at least one-third of the distance from the neck B to the upper edge of the said body A.

If desired, the wire rods C may be replaced by strips

of metal of any suitable form, soldered, brazed, or otherwise securely attached to said funnel, in an upright or spiral position, as may be desired.

The wire rods C should be as nearly equally distant from each other as may be, and the number of wire rods used must depend upon the size of the funnel.

By extending the wire rods C up the sides of the body A, of the funnel, the said funnel is adapted for use in vessels having various-sized orifices, for should the orifice or mouth of the vessel, for filling which the funnel is to be used, be much larger than the neck B of the funnel, the said funnel will rest upon the parts of the wire rods C that extend up along the sides of the body A, so that the air-passages will still be kept open.

By this construction the air-passages will not be liable to become choked or filled, and will allow the air to escape freely until the vessel is entirely filled.

I am aware that funnels have been made with corrugated necks and bodies, but this I do not claim.

What I do claim as new, and desire to secure by Letters Patent, is—

The funnel, having the outer surface of the neck B, and the lower part of the body A, provided with a series of wires or strips C, arranged as described for the purpose specified.

JOSEPH I. BEAUMONT.

Witnesses:

FRANK D. HALL,
JOHN LUNT.