

(No Model.)

2 Sheets—Sheet 1.

S. E. RIBLET.

MECHANICAL ADVERTISING APPARATUS.

No. 290,474.

Patented Dec. 18, 1883.

Fig. 1.

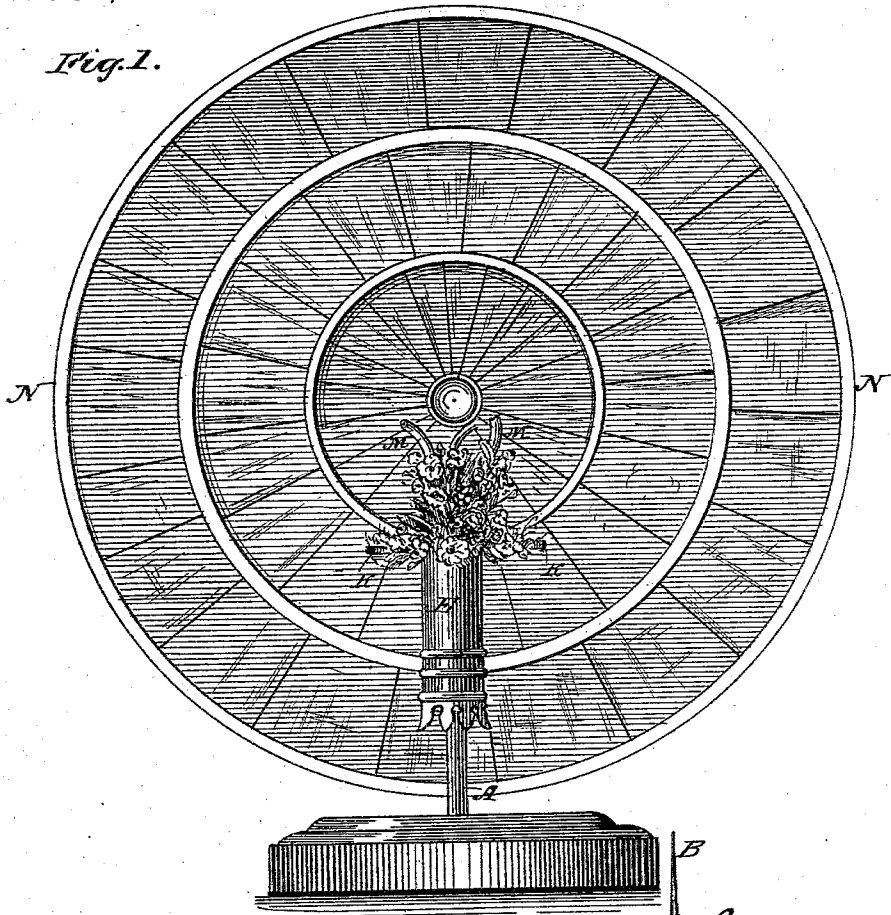
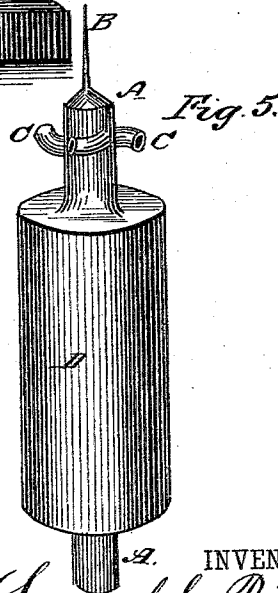
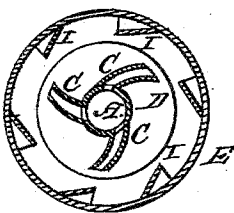


Fig. 4.



WITNESSES:

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By *Louis Bagger & Co.*
ATTORNEYS.

(No Model.)

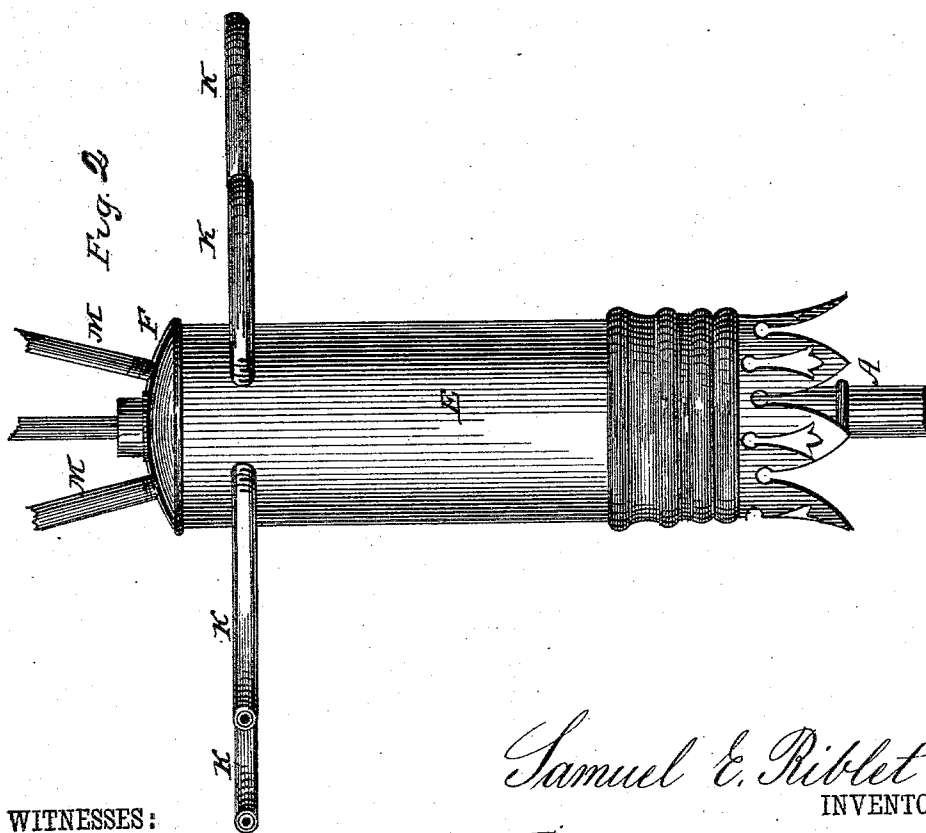
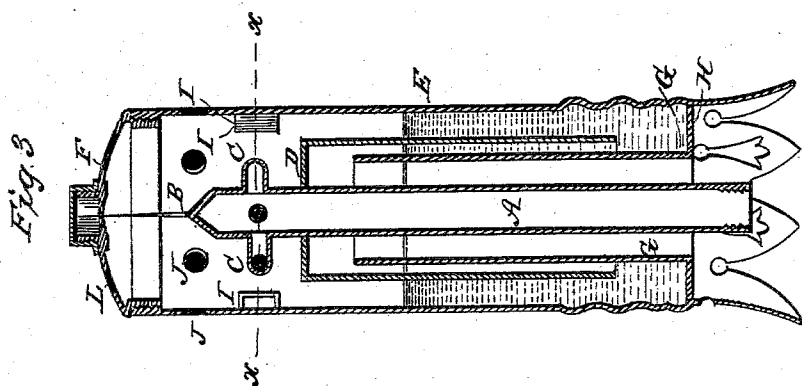
2 Sheets—Sheet 2.

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WITNESSES:

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By Louis Bagger & Co.
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UNITED STATES PATENT OFFICE.

SAMUEL E. RIBLET, OF GALION, OHIO.

MECHANICAL ADVERTISING APPARATUS.

SPECIFICATION forming part of Letters Patent No. 290,474, dated December 18, 1883.

Application filed July 12, 1883. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL E. RIBLET, a citizen of the United States, residing at Galion, in the county of Crawford and State of Ohio, have invented certain new and useful Improvements in Mechanical Advertising Apparatuses; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a front view of my improved apparatus for advertising. Fig. 2 is a side view of the revolving cylinder carrying the jets. Fig. 3 is a longitudinal vertical section of the same. Fig. 4 is a cross-section on line *x x*, Fig. 3; and Fig. 5 is a perspective detail view of the inside cylinder.

Similar letters of reference indicate corresponding parts in all the figures.

My invention has relation to advertising apparatus; and it consists in the improved construction and combination of parts of an apparatus in which a cylinder having a number of curved tubular arms, each emitting a gas-jet, revolves in front of a concave circular reflecting-mirror composed of a number of radially-arranged strips of mirror-glass, as hereinafter more fully described and claimed.

In the accompanying drawings, the letter A indicates the gas-supply pipe, the upper end of which is closed and provided with a sharp upwardly-projecting point, B, while the upper portion of the pipe is provided with a number of circularly-arranged tubular arms, C, curved in one direction, so as to emit the gas in one direction around the pipe. This pipe passes through the upper closed end of a cylinder, D, the lower open end of which projects into an annular space between a larger cylinder, E, which surrounds the other cylinder, and the upper end of the pipe resting with its cover F, which is screwed into its upper end, upon the point at the upper end of the supply-pipe, and a smaller cylinder, G, projecting from the annular bottom H of the larger cylinder, and projecting with its upper open end into the cylinder upon the supply-pipe. The lower portion of the space between the larger and the smaller cylinder is filled

with water or a similar fluid, and a series of projections, I, cut off straight at the side, facing the direction of the gas, passing out of the curved arms, and cut off beveled at the other side, are fastened upon the inside of the larger cylinder, in height with the said arms. Above these projections is a series of screw-threaded perforations, J, into which the inner screw-threaded ends of a number of curved tubular arms, K, fit, which arms are curved in the opposite direction to the curve of the arms upon the supply-pipe, so that when the gas passes through the inner curved arms and strikes the projections it will rotate the outer cylinder, and the outer arms with it, which motion will be aided and kept up by the gas escaping through the ends of the outer arms, which gas is ignited, and in escaping strikes the air and forces the cylinder round by the resistance of the air to the gas. The cover F has a series of perforations, L, which are screw-threaded, and into which the inner screw-threaded ends of a number of curved tubular arms, M, fit, which arms are curved in the same direction as the arms K and perform the same function. These arms K and M may be ornamented with artificial flowers or other articles of ornament; and it will be seen that when the cylinder, with its curved arms, is rotated before the concave reflector N, which consists of three (or more or less) rows of radially-arranged strips of mirror-glass, and which is slightly concave, the lighted jets and the ornamented curved arms will be reflected and manifolded, making an attractive show, adapted to be placed in windows of stores or similar places where it is desired to attract the attention of the passing persons.

I am aware that revolving gas-burners have been made in which a float is revolved by jets of gas striking flanges upon its inner sides and by jets escaping through curved arms; and I am also aware that revolving gas-burners have been placed in front of concave mirrors, and I do not wish to claim such constructions, broadly; but

What I claim is—

1. The combination of the supply-pipe closed at its upper end, having the point at its upper end and the curved tubular arms, and projecting through the upper closed end of a downwardly-pending cylinder, and the

outer cylinder resting upon the point of the
supply-pipe, having annular bottom, provided
with the inner upwardly-pointing cylinder, the
beveled projections upon its inner side, the re-
5 movable cover, and the tubular curved arms
curved in the opposite direction to the inner
arms, the annular space between the outer and
inner cylinder being filled with a suitable fluid,
as and for the purpose shown and set forth.
10 2. The device for advertising, consisting of
the concave mirror composed of radially-ar-
ranged strips of mirror-glass, and the revol-
ving cylinder having the curved tubular jet-
arms, the inner projections, and the inner up-

wardly-pointing cylinder, and turning upon 15
the point upon the upper end of the supply-
pipe, having the inner curved arms upon its
upper end, and the downwardly-pending cyl-
inder, as and for the purpose shown and set
forth.

In testimony that I claim the foregoing as 20
my own I have hereunto affixed my signature
in presence of two witnesses.

SAMUEL E. RIBLET.

Witnesses:

P. H. MARTIN,

H. S. Z. MATTHIAS.