

T. HAY.
Lamp-Chimney Holder.

No. 86,224.

Patented Jan. 26, 1869.

Fig. 1

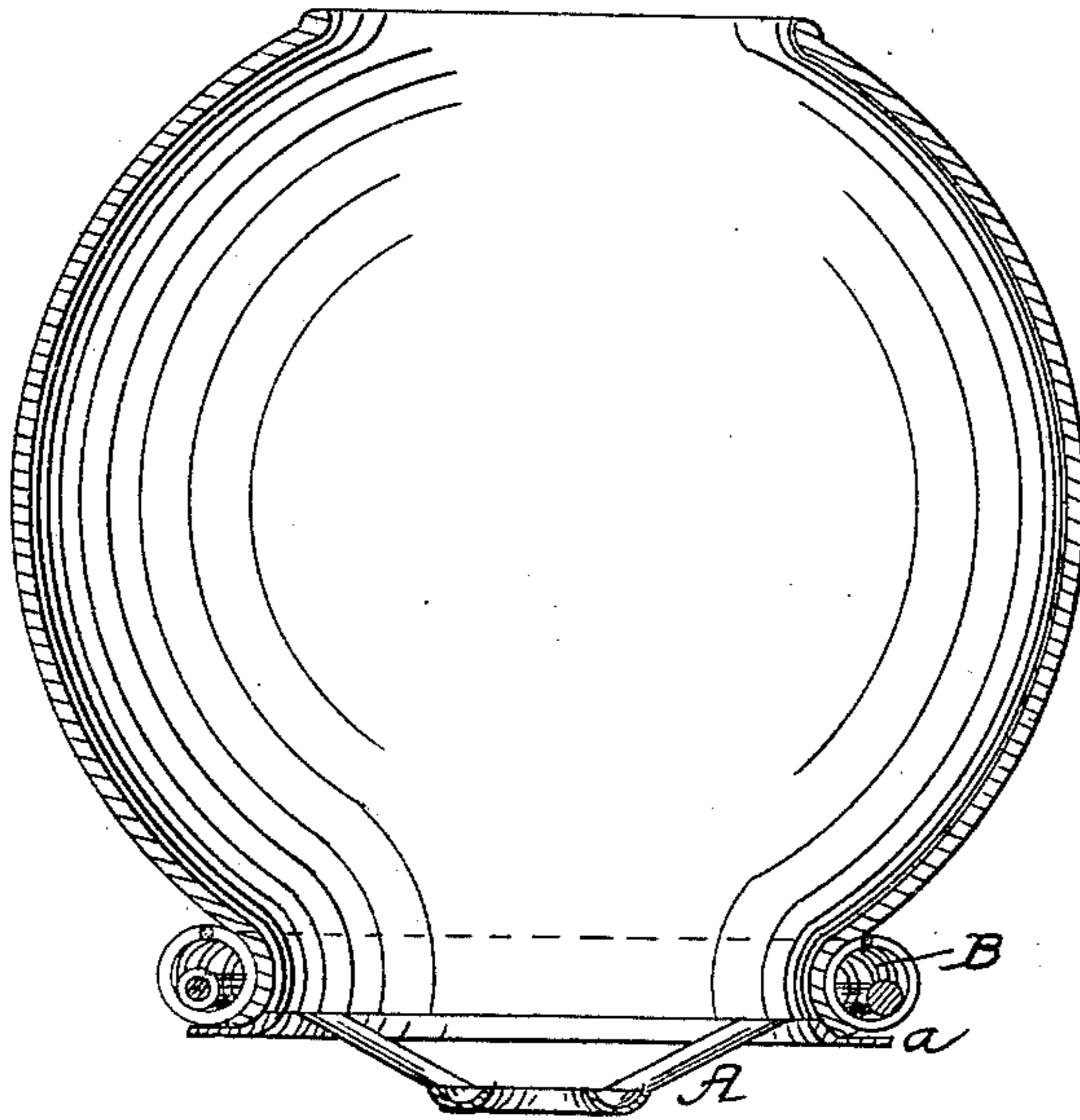
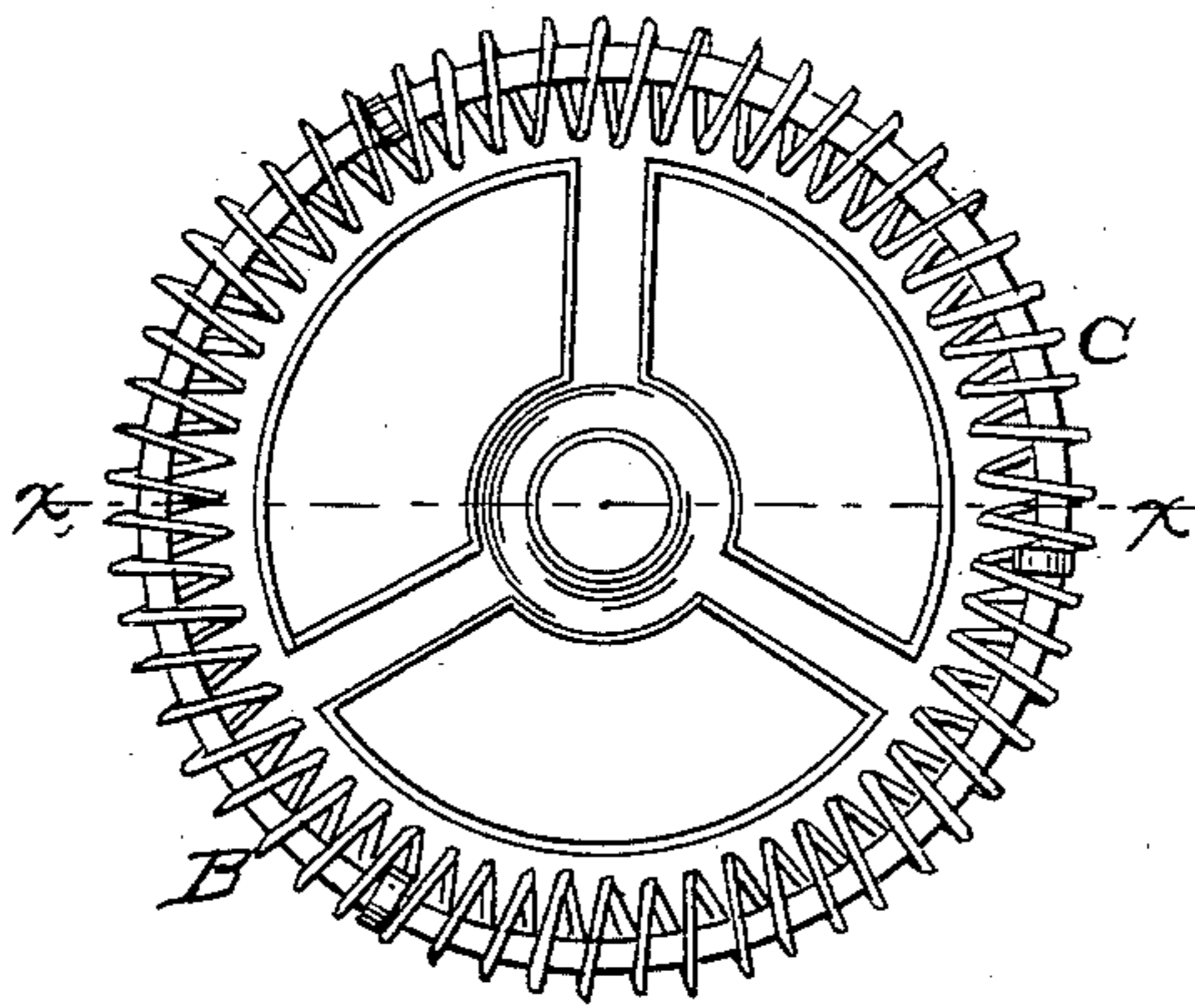


Fig. 2



Witnesses
A. Bennett and
Am. A. Morgan

Inventor
Th. Hay

per *[Signature]*
Att'y

United States Patent Office.

THOMAS HAY, OF NEWARK, NEW JERSEY.

Letters Patent No. 86,224, dated January 26, 1869.

IMPROVEMENT IN GLOBE-HOLDERS.

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, THOMAS HAY, of Newark, in the county of Essex, and State of New Jersey, have invented a new and useful Improvement in Globe-Holders; 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 drawings, forming part of this specification.

This invention relates to improvements in apparatus for holding glass globes upon gas-burners and chimneys upon lamps; and consists in the arrangement of a coiled spring in a circle upon the top of the circular bases which support the said globes or chimneys, in a manner to spring over the flanges at the bases of the globes or chimneys, when they are placed thereon, and close down upon them above the said flanges, forming a secure holder, as hereinafter more fully specified.

Figure 1 represents a sectional elevation of my improvement, and a globe being held thereon, and

Figure 2 represents a plan view of the said holder.

Similar letters of reference indicate corresponding parts.

A represents the base of a holder, as commonly constructed and arranged for attachment to a gas-burner.

These holders are commonly provided with raised flanges or lugs, and a set-screw for securing the globes, which is an unsatisfactory method of securing and holding them, for the reason that it takes considerable time to screw up and unscrew them, and the screws frequently work loose.

Instead of the said flanges or lugs and screws, I terminate the part A at *a*, and suspend slightly above it a strong wire, B, in a circular form, the inner diameter being slightly greater than the diameter of the flange of the globe or chimney, and arrange around the said wire a coil, C, of smaller spring-wire, extend-

ing the whole circumference, united at the ends, and under such tension that the coil will have a tendency to spring inward.

Instead of the wire B, supported as described, the base of the holder A may be turned up in a flange, having holes through which the coils of the wire C may be woven for its support, or other means for supporting the coiled wire may be employed, as may be preferred.

This arrangement affords an ornamental and very convenient means for holding the globes or chimneys, capable of instantly receiving the same when applied thereto, by simply pressing the flanges of the said globes or chimneys down upon the inner portions of the coils of the spring C, causing them to separate and admit the said flanges to pass below the coils, when they will close around and hold them firmly.

The said globes or chimneys may be as easily removed by raising them upward, thereby pressing the coils outward for the passage of the flanges.

Having thus described my invention,

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

1. The combination, with the base, A, of a globe or lamp-chimney holder, of the coiled spring C, either supported by a wire, B, or a perforated flange of the said base, substantially as and for the purpose specified.

2. The method of holding the globes or chimneys to the base, A, by means of the coiled spring C, suitably attached to the said base, as specified.

The above specification of my invention signed by me, this 18th day of December, 1868.

THOMAS HAY.

Witnesses:

FRANK BLOCKLEY,
ALEX. F. ROBERTS.