

J. Dorn.

Spectacles.

N^o 76,420.

Patented Apr. 7, 1868.

Fig. 3.

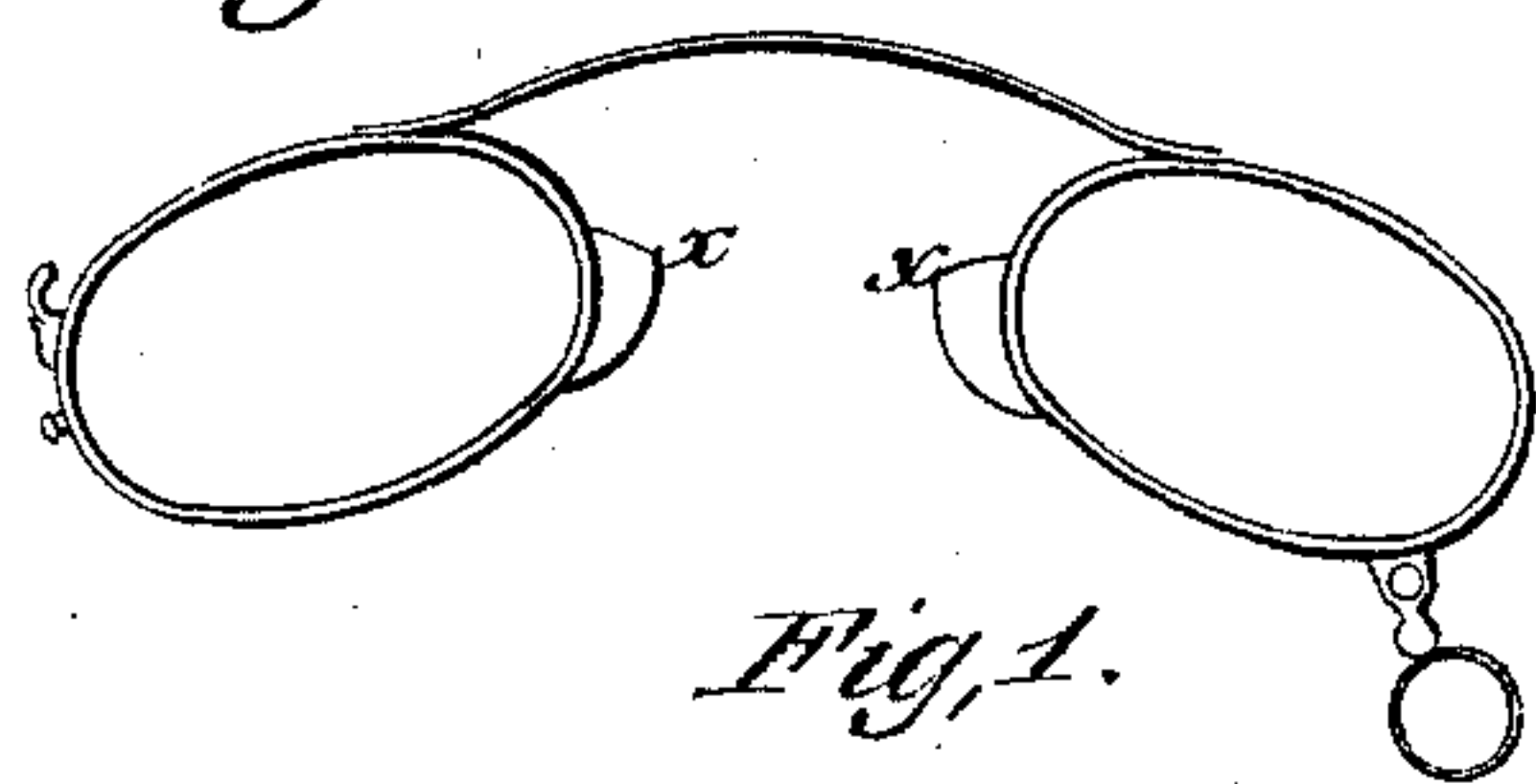


Fig. 1.

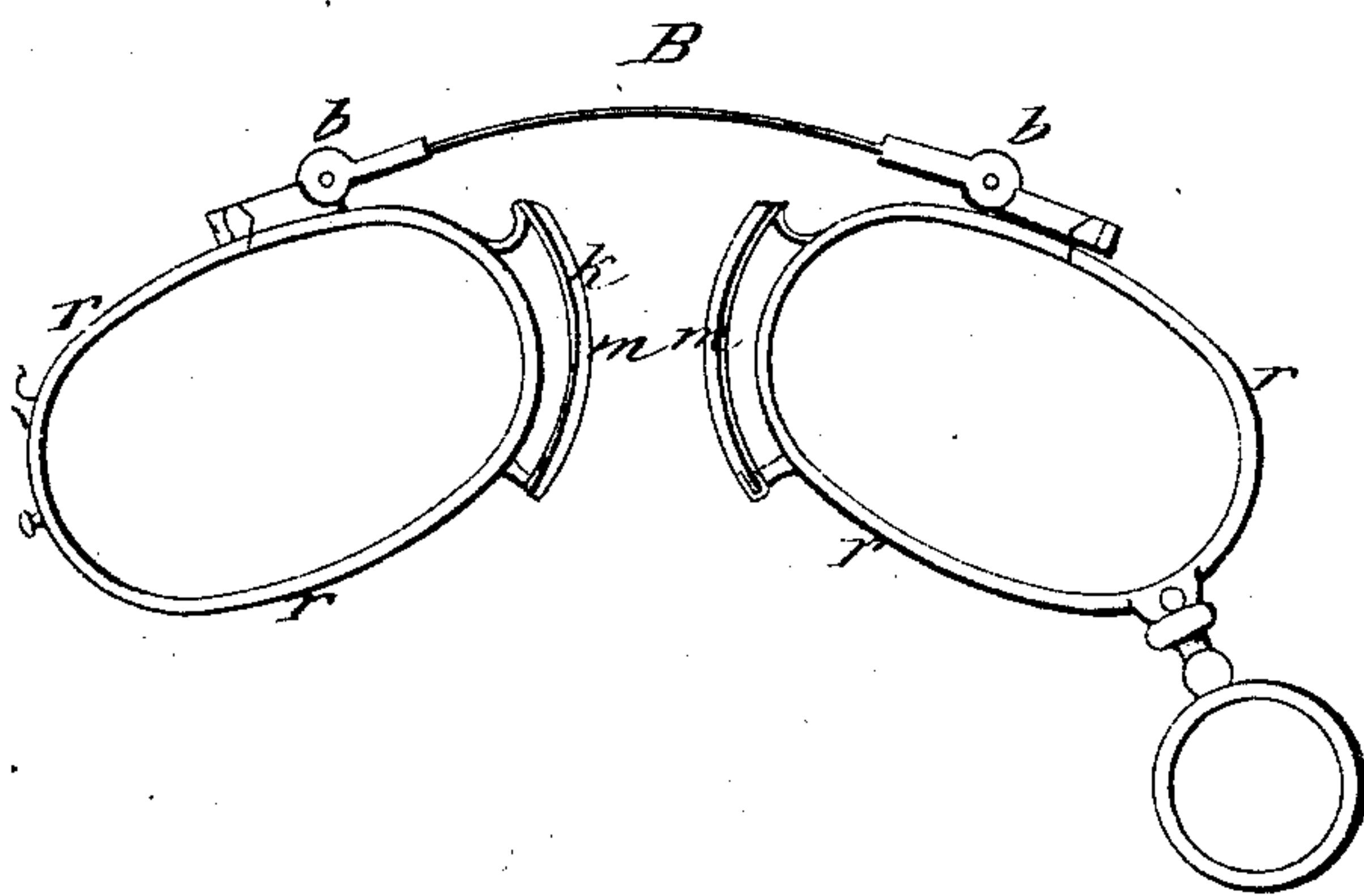
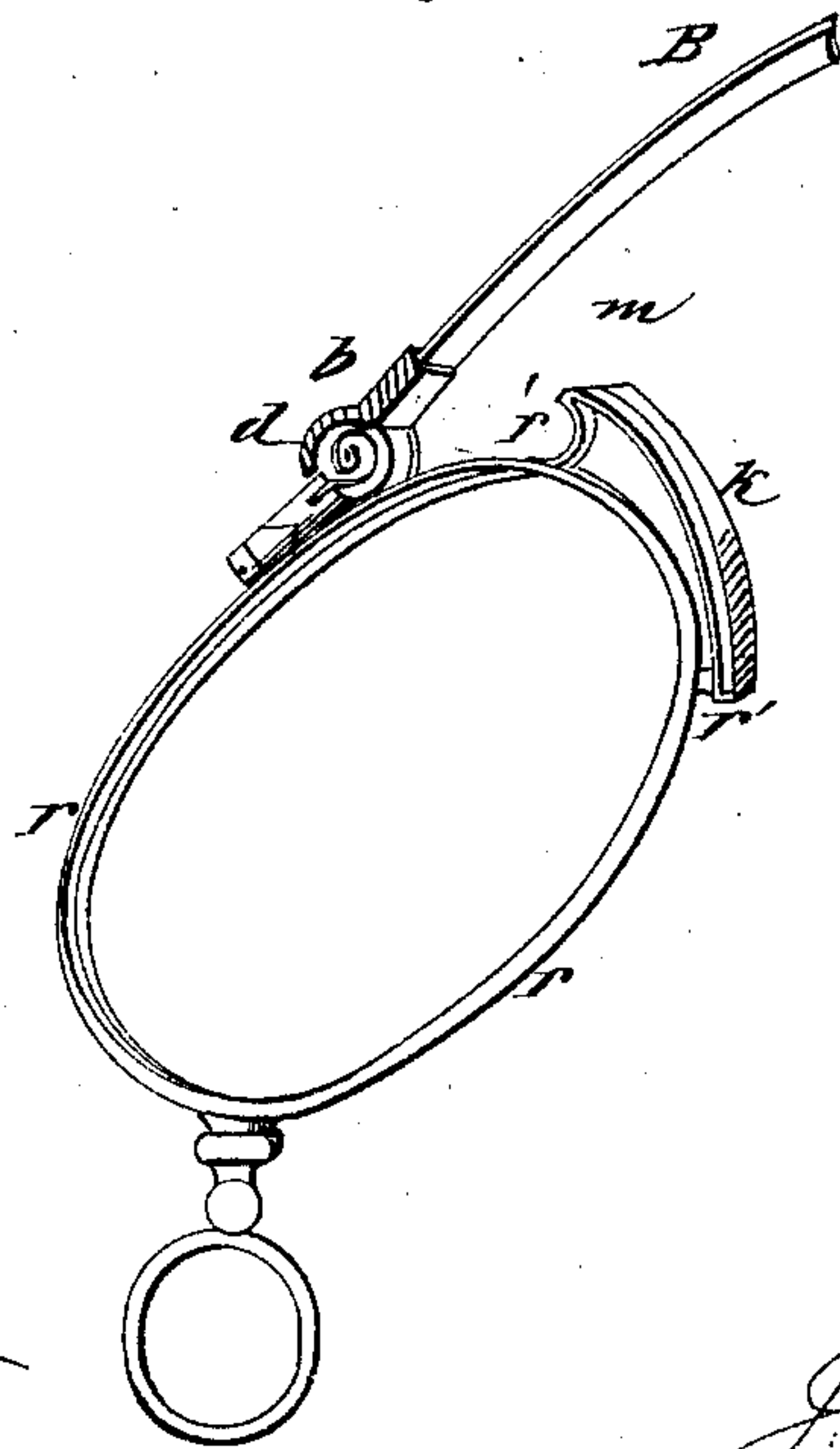


Fig. 2.



Witnesses.

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JULIUS DORN, OF NEW YORK, N. Y.

Letters Patent No. 76,420, dated April 7, 1868.

IMPROVEMENT IN EYE-GLASS ATTACHMENTS.

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, JULIUS DORN, of the city, county, and State of New York, have invented a new and improved Eye-Glass Attachment; 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, in which—

Figure 1 is a perspective view of my improvements.

Figure 2 is a detail view of the same.

Figure 3 is a view of an eye-glass, of which mine is an improvement.

Similar letters of reference indicate corresponding parts.

This invention relates to an improvement in eye-glasses, whereby they are held in place on the nose firmly and comfortably.

It consists of nose-pieces, attached to the rim, holding the glasses, in combination with a compound spring, as will be hereinafter more fully set forth.

A are the glasses, of the ordinary form, connected by an arched spring, B, attached to spring-barrels *b*, each of which latter contains a coiled spring, *d*, as shown in figure. This spring *d* exerts its tension against a projection, *e*, forming part of the rim *r* of the glasses, whereby the latter are made more generally adjustable to the nose. Nose-pieces *m* are attached to the inner parts of the rims, as shown, and consist of arched pieces of metal, *k*, or other material, connected by projections *r'* *r'* to the rim, which allows the arch *k* of the said nose-piece to be of a greater radius of curvature than the rim, whereby they fit the nose better and rest more firmly thereon.

This device, in combination with the compound or double spring, as before shown, enables the glasses to be lightly yet firmly held on the nose, and to adjust themselves to this feature in all persons.

I am aware that nose-pieces for this purpose have been made, but they are used only with single arched spring B', and are of a different shape from the ones hereinabove explained, they being simply a metallic arch, springing from the rim and returning to it again by a bent angle of the said arch, as shown at fig. 3. This form leaves a sharp angle at *x*, and often impinge unpleasantly on the nose, and is incapable, from the employment of a single spring, only of accommodating itself to the shape of the nose in different persons.

In my improvements, the nose-piece, at its lower end, stands out from the rim, and presents its surface of contact more vertically and conformably to the general shape of the said feature. The surface of contact is corrugated, the better to hold with slight pressure. Being simple in construction, they are not likely to get out of repair.

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

The combination of the springs B *d*, and rigid nose-piece *m*, with the eye-glasses, as herein described, for the purpose specified.

JULIUS DORN.

Witnesses:

WM. F. McNAMARA,

ALEX. F. ROBERTS.