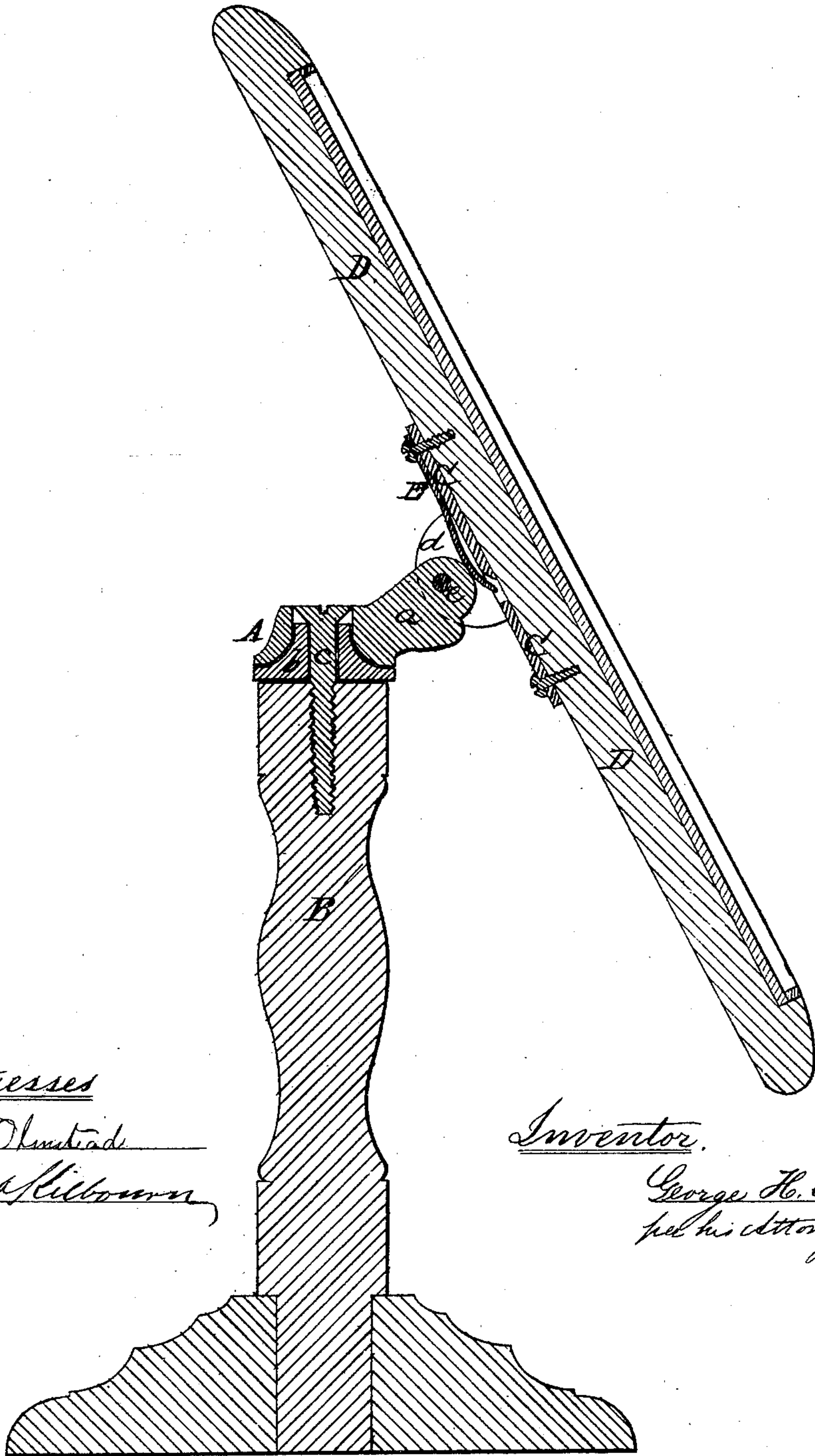


G. H. CHINNOCK.
TOILET MIRROR.

No. 94,711.

Patented Sept. 14. 1869.



Witnesses

J. F. Olmstead
Charles Kilbourn

Inventor.

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United States Patent Office.

GEORGE H. CHINNOCK, OF NEW YORK, N. Y.

Letters Patent No. 94,711, dated September 14, 1869.

IMPROVED TOILET-MIRROR.

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, GEORGE H. CHINNOCK, of the city, county, and State of New York, have invented a new and improved Toilet-Mirror; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings, making a part of this specification, in which the figure in the drawings represents a sectional view.

My invention consists of a toilet-mirror, adjustable and self-holding at any angle or position desired, without the use of set-screws, as heretofore required, by means of the friction of a spring on the head of the projecting arm of a cap, attached eccentrically by a pivot to the projections of a plate attached centrally to the back of the mirror, the said spring being fastened by a rivet to the plate, and the said cap of the projecting arm fitting properly over the head of the post of the stand, and having a swivel-motion thereon, by which the mirror may be turned without turning the stand.

I construct my toilet-mirror as follows:

A is the cap, provided with the projecting arm *a*, and fitting over a head-piece, *b*, resting on the top of the post B of the stand, and secured thereto by a pivot-screw, *c*, so that it will have a swivel-motion thereon.

C is a plate, attached centrally to the back of the mirror D by screws, and having projections, *d d*, embracing the projecting arm *a* of the cap, the arm having a curved or semicircular-shaped head, which is attached eccentrically to the projections *d d* by a pivot, *e*, the mirror turning on this pivot.

E is a flat steel spring, attached to the upper end of plate C by a screw or rivet, the spring pressing upon the head of the arm; thus, supposing the mirror to be in or nearly in a horizontal position, and it is desired to adjust it to an angle or position suitable for use, the turning of the mirror down to do this will increase the friction of the spring on the head of the arm so that the mirror will be held tightly in place at

any point from whence it was moved to a perpendicular position, and, of course, as the mirror is turned up, the friction is diminished until it becomes almost imperceptible.

This may be accomplished in another way, by dispensing with the spring and letting the head of the arm press eccentrically against the plate; but this may not be found so preferable as the other; however, I contemplate using either method, as above described, as I may deem most advantageous.

It will be obvious that the method of adjusting and holding the mirror by friction can be done with the projecting arm of the cap attached rigidly to the top of the post of the stand; therefore I do not intend to limit myself to an arm having a swivel-motion thereon, but contemplate using the arm either way, as above described, the only difference being, the inconvenience of turning the stand is avoided by the swivel-motion of the arm.

It will be seen that no set-screws are used, as required in most of toilet-mirrors, in which, every time the mirror is to be adjusted, one hand is needed to hold the mirror while the other is adjusting the screws. This inconvenience is obviated by dispensing with set-screws and simply giving the mirror a slight push with the hand, when the same will be adjusted and held at the point desired by means of friction, as described, thus rendering the mirror more simple and less expensive in cost of construction.

Having thus fully described my invention,

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

A toilet-mirror, adjustable by means of the projecting arm *a* of the cap A, having a swivel-motion on the post of the stand, in combination with projections *d d* of plate C and spring E, substantially as described.

GEO. H. CHINNOCK.

Witnesses:

J. F. OLMSTEAD,
JACOB F. HENRY.