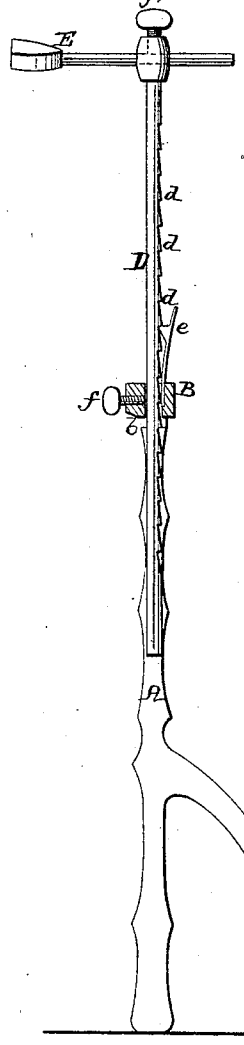
G. A. Emery,

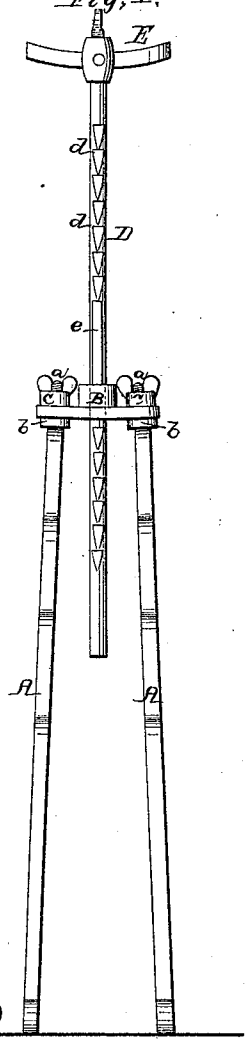
Photographic Head-Rest,

No. 42,650, Patented May 10, 1864.

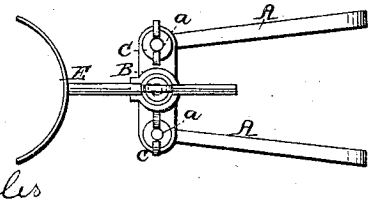
Fig; 2.



Fig; 1.



Fig; 3.



Witnesses;
Henry Morris
F. W. Coombs

Inventor;
G. A. Emery
Per Munn & Co
Attorneys

AM. PHOTO-LITHO. CO. N.Y. (OSBORNE'S PROCESS)

UNITED STATES PATENT OFFICE.

G. ALEXANDER EMERY, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN PHOTOGRAPHERS' HEAD-RESTS.

Specification forming part of Letters Patent No. **42,650**, dated May 10, 1864.

To all whom it may concern:

Be it known that I, G. ALEXANDER EMERY, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Photographic Head-Rests; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a front elevation of my improved head-rest. Fig. 2 is a vertical section of the same at right angles to Fig. 1. Fig. 3 is a plan of the same.

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

The photographic head rests at present in use are very apt to show either their base on the floor or their rods between or at the sides of the legs in the picture of a standing male figure. The principal object of my invention is to prevent such exhibition, and to render the rest invisible when used; and to this end it consists in constructing the lower portion of the rest of two flat standards and a cross-head containing a socket, combined in the manner hereinafter described.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

A A are the two standards, and B the cross-head. The standards are of cast-iron, substantially of the form of the letter H, each having two feet, and have screws *a a* at their upper ends, with shoulders *b b* below them for the support of the cross-head B. The cross-head has holes near its ends for the reception of the upper parts of the standards, and is secured upon the standards by hand-nuts *c c*, which screw onto the screws *a a*.

D is the central or sliding rod, fitted to the socket which is provided in the center of the cross-head C. *d d* are the ratchet-teeth cut on the back of the said rod, and *e* is a spring-pawl attached to the socket of the cross-head to engage in the said ratchet-teeth, and thereby support the rod D after it has been adjusted to the proper height, and until the set-screw *f* in the socket can be screwed up. This set-screw merely serves to steady the rod D, the weight of the said rod being supported by the pawl independently of the set-screw. The head-piece E is fitted, adjusted, and secured in the rod D in the usual manner.

The standards A A being set edgewise toward the focus of the camera, and being so arranged as to be concealed by the legs of the figure, do not appear in the picture. By slackening the set-nuts *c c* the standards may be turned and adjusted in the cross-head, so that whatever the angle at which the picture is taken the said standards may be concealed by being set edgewise toward the focus.

The holes in the cross-head which receive the screws *a a* are elongated in such a manner as to provide for the adjustment of the standards in a backward and forward direction.

What I claim as my invention, and desire to secure by Letters Patent, is—

The stand composed of two flat standards, A A, and a cross-head, B, in which the said standards are adjustable, substantially as and for the purpose herein specified.

G. ALEX. EMERY.

Witnesses:
GEO. T. ANGELL,
T. E. SEWALL.