

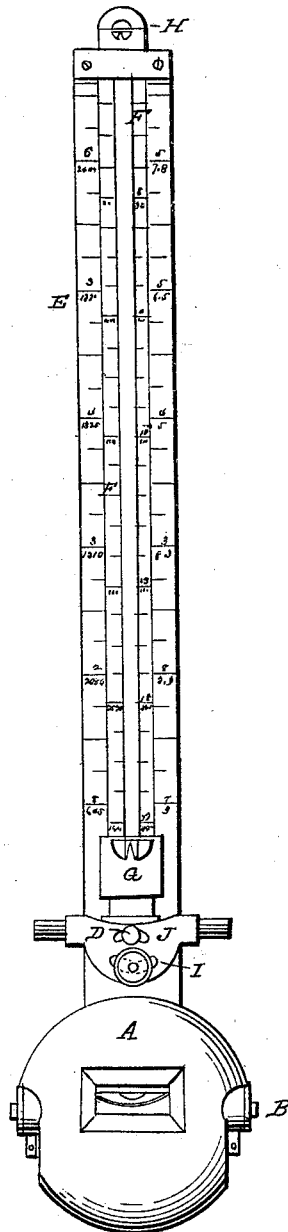
J. BRADY.

Sight for Ordnance.

No. 46,329.

Patented Feb. 14, 1865.

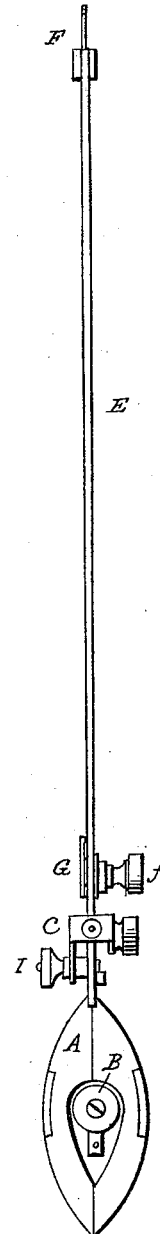
FIG. 1.



WITNESSES:

Wm. H. H. H. H.
John D. Bloor

FIG. 2.



INVENTOR.

Joe Brady

UNITED STATES PATENT OFFICE.

JAMES BRADY, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN SIGHTS FOR ORDNANCE.

Specification forming part of Letters Patent No. **46,329**, dated February 14, 1865.

To all whom it may concern:

Be it known that I, JAMES BRADY, United States Volunteers, of Philadelphia, in the county of Philadelphia, in the State of Pennsylvania, have invented a new and Improved Cannon-Sight; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in providing an improved sight or eye-piece for a hausse or pendulum cannon-sight.

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

In the drawings, Figure 1 represents a front, and Fig. 2 a side view, of a pendulum cannon-sight, having the standard, and extension-bar like those of the one patented by Wm. F. Goodwin, November 8, 1864.

A is the gravitating bulb; B, the spirit-level within; C C, the arms of the rock-shaft by which it is suspended from the gun, and which rests in suitable supports; and D D, the points or knife-edges on which it vibrates to acquire a vertical position.

E E are the graduated standards, and F the extension-bar, fully described in said patent.

I is a clamp-screw to clamp the pendulum to the rock-shaft J.

My improvement consists in the sight or eye-piece applied to both of these last-mentioned parts E and F, G being the adjustable or sliding one for the scale on the standards,

(and which has a clamp-screw, *f*, on the other side,) while H is a similar sight made in the extension-bar F, forming a part of it, the shape of both being like that of a T suitably supported at its extremities. Both the standards and extension-bar are divided into scales of degrees and parts, the bar serving for the highest elevations. On the left standard, below the number of the degree, I put the range in yards corresponding thereto. On the right one, below the degrees, I put the length of fuse or time of flight of projectile corresponding to the range or elevation. The extension-bar is similarly indexed. The sight G can be used only with the standard-scales, and H for that of the extension-bar.

The formation of these sights G and H enables the gunner to catch the front or muzzle sight (and object aimed at) more readily, cover it more accurately, and presents a more open field for the eye.

I am aware of the cross-wires used in leveling and other instruments; but these I do not claim; but

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

1. The combination of the movable sight G with the standard-bars E E, for the purpose set forth.

2. The combination of the sight H with the extension-bar F, for the purpose set forth.

JAS. BRADY.

Witnesses:

JOHN S. HOLLINGSHEAD,
JOHN D. BLOOR.