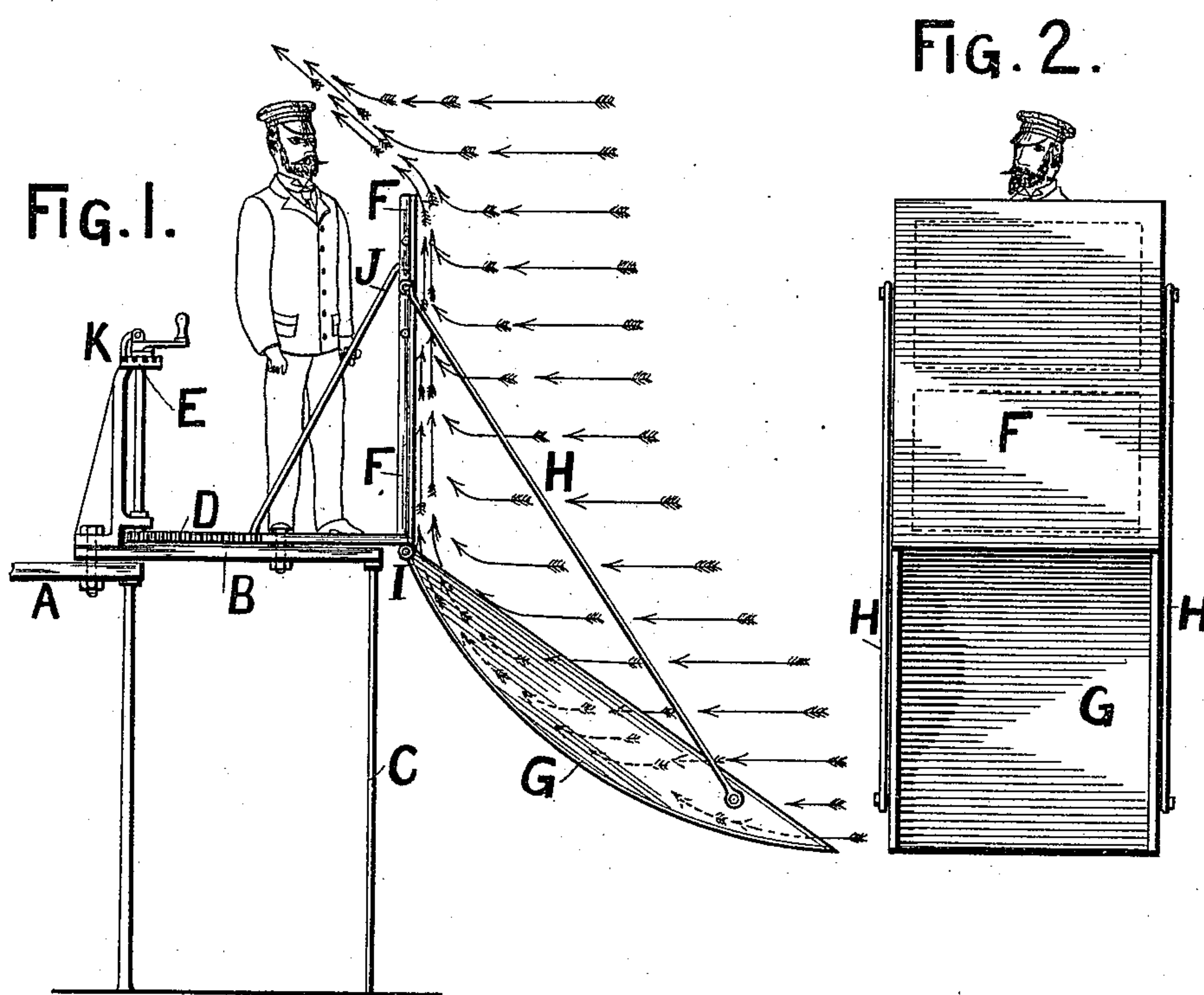


(No Model.)

H. L. MEADOWS.
SHELTER FOR WATCHMEN ON VESSELS.

No. 447,193.

Patented Feb. 24, 1891.



Witnesses:

J. A. Rutherford.
Geo. H. Rea.

Inverness:

Henry L. Meadows
By James L. Norris.
Attorney.

UNITED STATES PATENT OFFICE.

HENRY LLOYD MEADOWS, OF WEXFORD, IRELAND.

SHELTER FOR WATCHMEN ON VESSELS.

SPECIFICATION forming part of Letters Patent No. 447,193, dated February 24, 1891.

Application filed October 24, 1890. Serial No. 369,208. (No model.) Patented in England August 21, 1889, No. 13,216.

To all whom it may concern:

Be it known that I, HENRY LLOYD MEADOWS, a subject of the Queen of Great Britain, residing at Wexford, in the county of Wexford, Ireland, have invented a new and useful Improved Shelter for Watchmen or Officers on Watch on Board Steamships or Sailing-Vessels, (patented in Great Britain, No. 13,216, bearing date August 21, 1889,) of which the following is a specification.

This invention has for its object to provide novel means for shielding the watchman or officer on the bridge of a steam or sailing vessel from the direct action of wind by causing it to rise overhead, and to provide for the convenient adjustment of the apparatus in order to cause the shield or screen to face the wind.

To accomplish these objects my invention involves the features of construction, the combination or arrangement of parts, and the principles of operation hereinafter described and claimed, reference being made to the accompanying drawings, in which—

Figure 1 is a detail side elevation of a portion of the bridge of a vessel with my invention applied thereto, and Fig. 2 is a detail front elevation of the screen or shield.

In order to enable those skilled in the art to make and use my invention, I will now describe the same in detail, referring to the drawings, where—

The letter A indicates a portion of the bridge of a steam or sailing vessel, to which is secured a horizontal support or frame B, sustained by props C or other suitable contrivances. A platform D is pivoted to the support or frame in such manner as to rotate or turn in a horizontal plane, and for the purpose of adjusting this platform it may be provided with a gear or rack engaging a pinion secured to a vertical shaft E, having a suitable handle and locking-pawl K, so that by turning the shaft the platform can be rotated or turned on its axis and then be locked in a fixed position through the medium of the locking-pawl. To the outer edge of the platform is secured an upright screen F, which I prefer to construct of galvanized sheet-iron in preference to canvas. The up-

right screen is rigidly supported by back props J, and to the lower edge of the screen is connected by a pivot or hinge I a concaved or scoop-shaped wind collector and deflector G, suitably supported from the screen through the medium of rods or ties H. The concaved or scoop-shaped wind collector and deflector G is supported, at any desired angle relatively to the upright screen F, in such manner that the wind is pocketed and compressed in raising up the hollowed or concaved portion of the wind collector and deflector, thereby imparting to the wind additional impetus upwardly along the face of the screen, by which means the wind is carried overhead, and thereby the face of the watch or officer is relieved from the direct action of the wind. This is an important and desirable feature, in that where the watch or officer is exposed to the direct action of the wind the eyesight is constantly affected, which objection is entirely avoided by my apparatus or shelter.

Having thus described my invention, what I claim is—

1. The combination, in a shelter for the watch or officer of a vessel, of an adjustable platform carrying an upright screen, and a concaved or scoop-shaped wind collector and deflector connected with the lower portion of the screen and arranged at an angle thereto, substantially as and for the purpose described.

2. The combination, in a shelter for the watch or officer of a vessel, of a horizontally-rotating platform, means for turning the platform, an upright screen secured to the platform, and a concaved or scoop-shaped wind collector and deflector pivotally connected with the lower portion of the screen and arranged at an angle thereto, substantially as and for the purpose described.

In witness whereof I have hereunto signed my name, in the presence of two subscribing witnesses, this 4th day of October, 1890.

HENRY LLOYD MEADOWS.

Witnesses:

JOHN BROSNAN,
King Street, Wexford, Ireland.

MICHAEL FINN,
Allen Street, Wexford, Ireland.