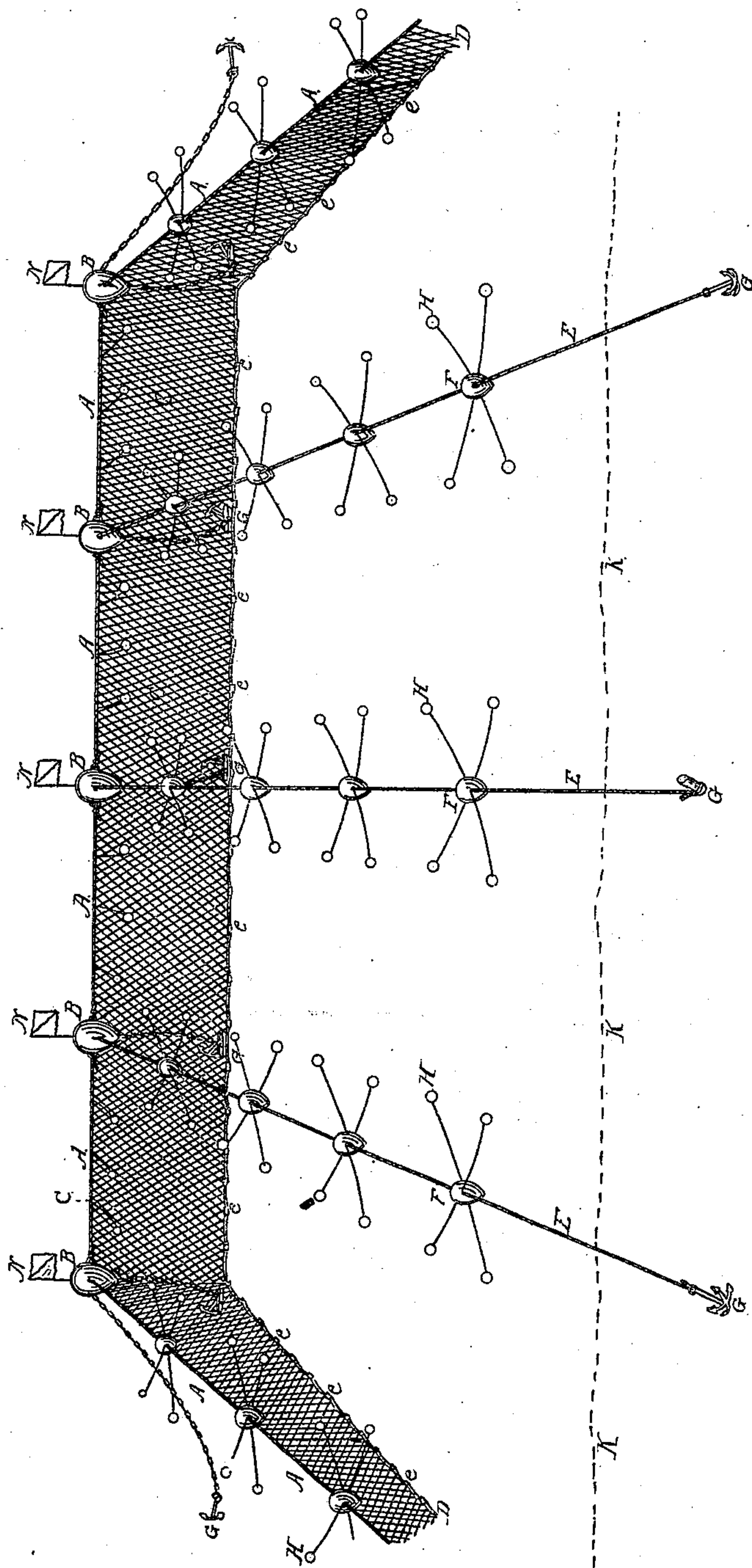


*W. H. Pitt.*  
*Life Preserver.*

*N<sup>o</sup> 85,126.*

*Patented Dec. 22, 1868.*



*Witnesses*

*J. N. Wugley*  
*Ben. Corryley*

*Inventor*

*William H. Pitt*



WILLIAM H. PITT, OF PHILADELPHIA, PENNSYLVANIA.

*Letters Patent No. 85,126, dated December 22, 1868.*

**IMPROVEMENT IN SAFETY-BATHING APPARATUS.**

*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, WILLIAM H. PITT, of the city and county of Philadelphia, in the State of Pennsylvania, have invented a new and useful Apparatus for the Safety of Bathers at the sea-shore, and the shores of harbors, bays, and rivers; 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 annexed drawing, making a part of this specification, which is a perspective view of the whole apparatus.

I subtend a hawser of any desired size, as at A A A, between any desired number of anchored buoys, B B B, sufficient to maintain the hawser, or rope, on the surface of the water, at any desired distance from the shore.

I connect said hawser, or rope, with the shore by other ropes of any desired size, which said ropes are made fast on the shore in any desired manner, as at G.

From the main or outside hawser A A is suspended a netting, C, which is kept in a perpendicular position by weights, of lead or other heavy material, as at *eee*; said netting preventing persons from being carried out beyond the hawser by the undertow, and preventing the access of sharks to the waters within the line of said hawsers.

To the main and other hawsers, smaller lines are

connected, on the ends of which are suspended small floats, H H H, constructed of cork, India rubber, or other suitable material, of any desired size and colors, which said floats keep said smaller lines near the surface, and within the reach of bathers.

On the larger and smaller buoys or floats are flags, N N N, of any desired color, which are intended to mark the location of said buoys.

The following is the operation of my apparatus:

The bathers are confined to the space between the outside hawsers A A A and the shore. The small floats and large buoys indicate where they may grasp a rope or line, whenever they may need it, and the netting prevents the possibility of their drifting beyond the outside hawser, or line, which is anchored at sufficient distance from the shore to afford all the room that is required.

What I claim, is—

The arrangement of netting, hawsers, or ropes, sub-tended from anchored buoys, substantially as above described, for the purpose of providing a means of support and safety to bathers at the sea, and other shores.

WILLIAM H. PITT.

Witnesses:

H. N. WRIGLEY,  
BEN. P. WRIGLEY.