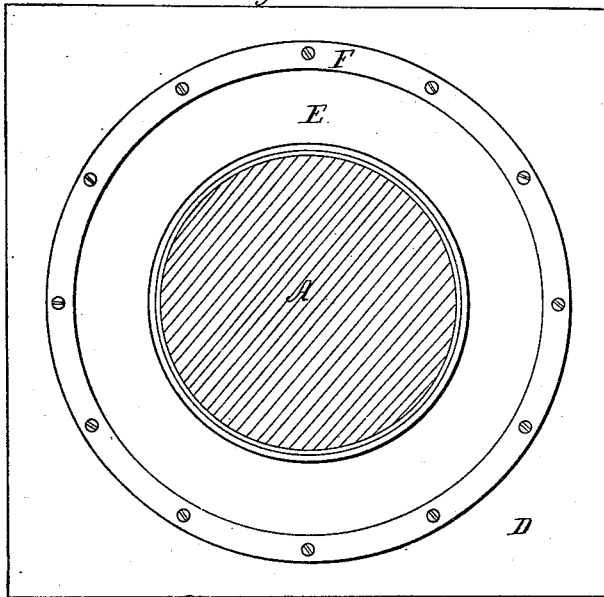


*A. J. Gove.*  
*Ship Mast.*

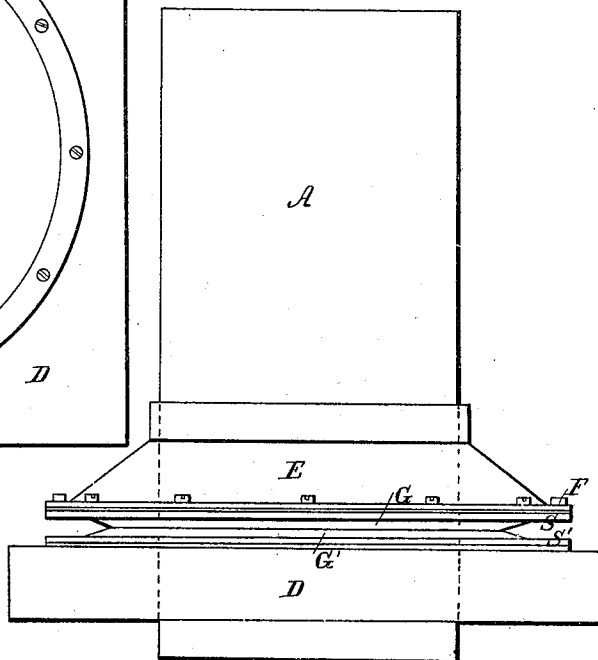
*No. 48,707.*

*Patented Jul. 11, 1865.*

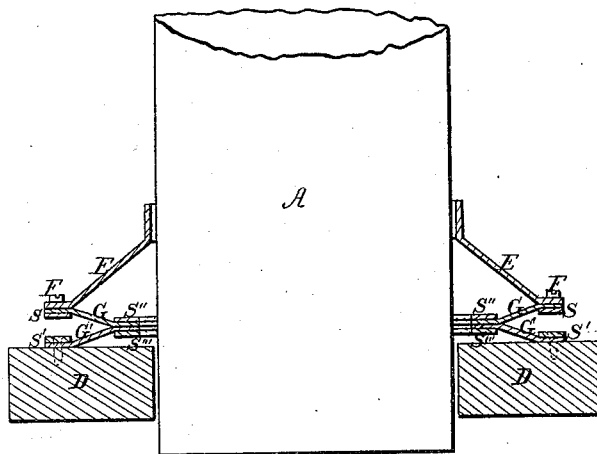
*Fig. 2.*



*Fig. 1.*



*Fig. 3.*



*Witnesses;*  
*Cha. H. Bond.*  
*Isaac T. Melhew*

*Inventor;*  
*Andrew Gove*

# UNITED STATES PATENT OFFICE.

ANDREW J. GOVE, OF SAN FRANCISCO, CALIFORNIA, ASSIGNOR TO HIMSELF  
AND WM. GERARD, OF NEW YORK CITY.

## IMPROVED MAST-COAT.

Specification forming part of Letters Patent No. 48,767, dated July 11, 1865.

*To all whom it may concern:*

Be it known that I, ANDREW J. GOVE, of the city and county of San Francisco, and State of California, have invented a new and Improved Mast-Coat; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention is the providing masts of ships at their intersection with the upper deck with what is called a "mast-coat," made of materials much more durable than the common mast-coat of canvass.

Figure 1 is a side view. Fig. 2 is a plan. Fig. 3 is a sectional view.

A represents a portion of a mast of a ship or other vessel; D, the deck-planks; E, a shield, of brass, copper, or other metal, having a flange, F. G G' are rings, of gutta-percha, canvass, or other suitable material, confined at their outer edges to the shield E and deck D, respectively, by the rings of metal S S', and fastened together at their inner edges between the metal rings S'' S''', somewhat after the manner of a pair of bellows. The shield E may either be in one piece or made in sections.

The advantages of my invention over the

common canvas mast-coat are as follows: The metallic shield protects the mast coat from injury, and is not liable itself to be injured. The pliable joints formed by the rings G G' allow for the constant working of the mast. It is much more water-tight than the common coat; consequently would prove a great saving to marine-insurance companies on account of less damage to cargoes. It is less likely to get out of order, and can be quickly put on in case of repairs. It is much more substantial, and in the end much more economical.

Having thus described my invention, what I claim as new, and for which I desire Letters Patent to issue, is as follows:

The metallic shield E and the flexible joint formed by the rings G G', or their equivalent, attached to the shield and the deck, respectively, by the metallic rings S S', also attached to each other by the rings S'' S''', or in any other suitable manner, substantially as described, and for the uses and purposes as hereinbefore set forth.

ANDREW J. GOVE.

Witnesses:

CHAS. R. BOND,  
ISAAC T. MILLIKIN.