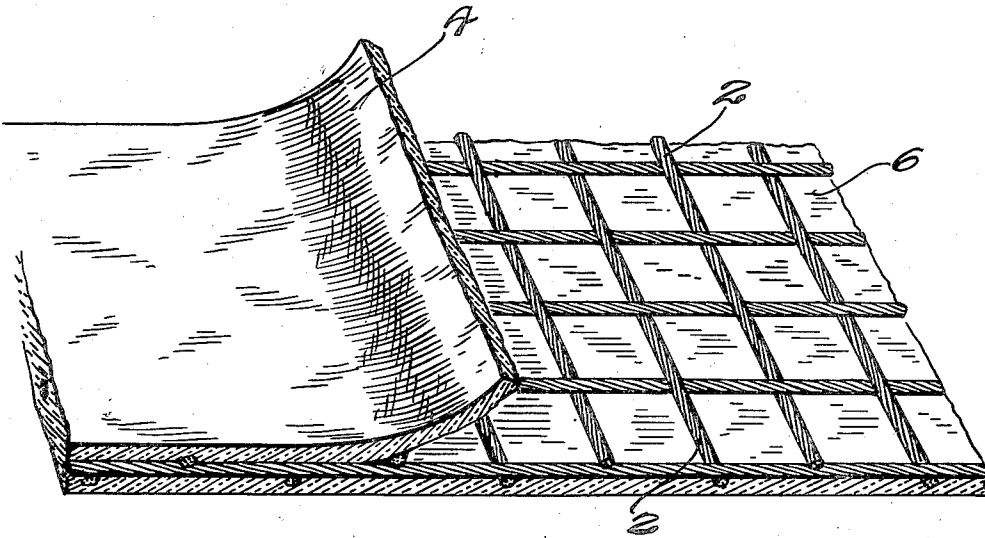


Oct. 12, 1926.

1,602,870

E. C. VILLIERS
SHEET MATERIAL FOR COVERING, LINING, OR CLOSING
CONSTRUCTIONS OF ALL KINDS
Filed Sept. 30, 1924



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UNITED STATES PATENT OFFICE.

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SHEET MATERIAL FOR COVERING, LINING, OR CLOSING CONSTRUCTIONS OF ALL KINDS.

Application filed September 30, 1924, Serial No. 740,879, and in Great Britain October 4, 1923.

This invention relates to improvements in sheet material for covering, lining, or closing constructions of all kinds.

Hitherto fabrics for these purposes have either been lacking in flexibility, mechanical strength, endurance, or impenetrability.

The single figure of the accompanying drawing illustrates a preferred embodiment of the present invention.

10 According to my present invention the above-described defects are obviated by making up a material which consists of gauze 2 woven from twisted steel wire strand upon which rubber sheets 4 and 6 are pressed on
15 both sides, making a material which is exceedingly strong, light, flexible and rust-proof and exceedingly difficult to tear, or to pierce except with a needle point. The sheet 4 is shown partly separated, for clearness.

20 The flexibility and strength is obtained by using a number of small wires in each strand and with wire drawn from high tensile steel,

the resulting material being exceedingly flexible in all directions, strong, rust-proof, impenetrable, very suitable for naval construction of all kinds, for splinter screens, bomb proof awnings, leak stoppers or collision mats and a material which does not take a permanent kink on being bent.

I claim:—

1. An article of the class described comprising a flexible sheet united with a mesh of strands, each strand comprising a plurality of metal wires twisted together.

2. An article of the class described comprising two adherent sheets of rubber, and a mesh of strands disposed between the sheets and united together with the sheets, each strand comprising a plurality of high-tensile steel wires twisted together.

In witness whereof I have signed this specification.

EDWARD CECIL VILLIERS.