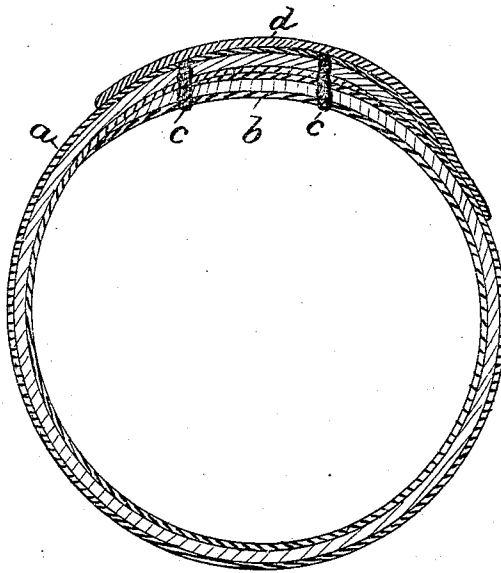


E. A. STREET.
Hydraulic Hose.

No. 148,258.

Patented March 3, 1874.



Witnesses.
M. W. Frothingham.
L. H. Latimer.

Inventor
Edwin A. Street.
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attys.

UNITED STATES PATENT OFFICE.

EDWIN A. STREET, OF LYNN, MASSACHUSETTS.

IMPROVEMENT IN HYDRAULIC HOSE.

Specification forming part of Letters Patent No. **148,258**, dated March 3, 1874; application filed February 14, 1874.

To all whom it may concern:

Be it known that I, EDWIN A. STREET, of Lynn, in the county of Essex and State of Massachusetts, have invented an Improvement in Hydraulic Hose; and I do hereby declare that the following, taken in connection with the drawings which accompany and form part of this specification, is a description of my invention sufficient to enable those skilled in the art to practice it.

United States Letters Patent No. 138,867 have been granted for an improvement in hydraulic hose, the invention relating to a hose formed of a strip, the edges of which being lapped and united, the inner surface of the seam is covered by a cemented strip, said strip, in practice, being made to cover both the fastenings and the inner edge of the strip. This strip is applied by simple cement.

In United States Letters Patent No. 142,054, granted to me, a similar welt-strip is employed, said strip being rubber-surfaced and permanently united to the contiguous rubber inner surface of the tube by being vulcanized thereto.

In my present invention, I apply a similar strip to cover the outer portion of the fastenings employed to unite the opposite edges of the material, said strip being cemented to the outer surface of the tube, and preferably so as to cover the outer lapped edge as well as the fastenings.

My invention consists of a hose which, be-

ing formed of a suitable strip with its edges united, has cemented to its outer surface a rubber, or rubber-coated, or other suitable impervious strip, so applied as to cover the fastenings used to unite the edges.

The tube-forming material is preferably rubber-coated canvas or duck, the rubber making the inner surface of the tube, and the fastenings used to unite the parts are preferably stitches; but other material may be used for the tube, and other fastenings to unite the edges, and the seam-covering strip may be applied by any suitable cement, and by a vulcanizing process, if the outer surface of the hose or hose-forming material be formed of rubber.

The drawing represents a section of the improved hose.

a b denote the two edges, united by stitches *c*, or other fastenings. *d* denotes the outer strip, cemented to the outer surface of the hose, and so as to cover the fastenings *c*, and preferably the lapping edge *a*.

I claim—

A hose having cemented to the outer surface an impervious strip, *d*, covering the fastenings *c*, substantially as shown and described.

EDWIN A. STREET.

Witnesses:

FRANCIS GOULD,
M. W. FROTHINGHAM.