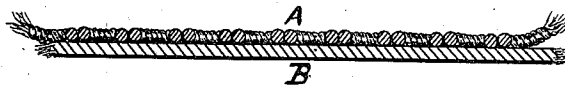


G. V. SHEPARD.  
Compound Fabrics.

No. 158,746.

Patented Jan. 12, 1875.



WITNESSES.

*F. B. Townsend.*  
*James Stevenson*

INVENTOR.

*Geo. V. Shepard*  
*by his atty.*  
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# UNITED STATES PATENT OFFICE.

GEORGE V. SHEPARD, OF TROY, NEW YORK.

## IMPROVEMENT IN COMPOUND FABRICS.

Specification forming part of Letters Patent No. 158,746, dated January 12, 1875; application filed January 2, 1875.

### *To all whom it may concern:*

Be it known that I, GEO. V. SHEPARD, of Troy, in the county of Rensselaer and State of New York, have invented certain Improvements in Textile Fabrics; and I hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification, in which the figure shows a cross-section of my improved fabric.

It is well known that knitted fabrics can be produced at a much less cost than can woven fabrics; but the knitted fabrics cannot be utilized except for particular purposes, owing to their excessive elasticity and alterations of shape incident thereto.

The object of my invention is to overcome the difficulties above named; and it consists in providing a knitted fabric with a comparatively inelastic backing, which will prevent said knitted fabric from stretching from the form and shape it is desired to maintain.

After a piece of cloth has been knit and dressed I take some woven, felted, or other material, comparatively without elasticity, corresponding to the shape desired to be retained by the knitted fabric, and cement or otherwise fasten it to the back of the knitted fabric.

In the said drawings, A is a knitted fabric, and B is the woven or felted backing.

A knitted fabric thus backed can be utilized for a great variety of purposes hitherto unknown in the manufacture of knitted goods—for instance, such as furniture-covering, tapestry-hangings, carpets, rugs, druggets, lap-robes, &c. My improved fabric is well adapted to be used for carpets. Though the knitted goods, as an entirety, has no movement independent of the backing, yet each stitch has in itself an individual elasticity, which makes an elastic wearing-surface similar to that upon a velvet carpet.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A knitted fabric, A, in combination with, and fastened to, a woven, felted, or other backing, B, as described, and for the purpose set forth.

GEORGE V. SHEPARD.

Witnesses:

JNO. D. PATTEN,  
D. P. COWL.