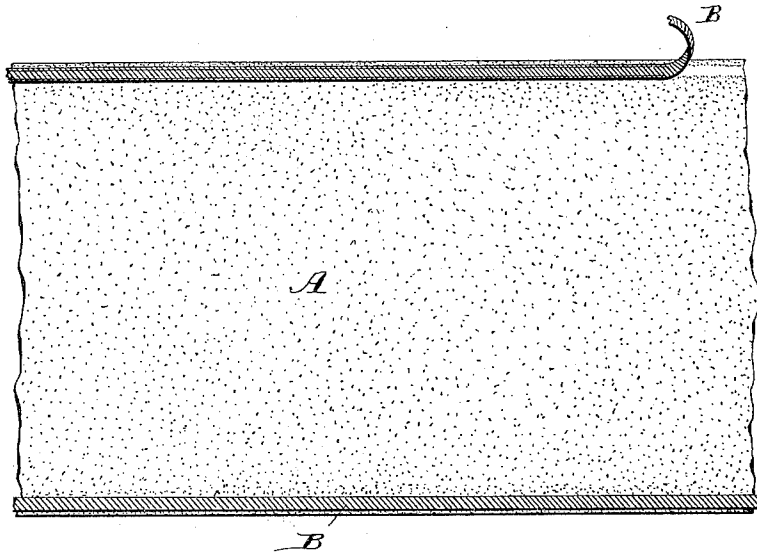


(No Model.)

R. MIDDLETON & H. T. JONES.
SELVAGE OF COTTON PILE GOODS.

No. 445,228.

Patented Jan. 27, 1891.



Witnesses—
L. M. Low
A. Williams

Inventors—
R. Middleton, and
H. T. Jones,
by *Richardson & Co.*
attorneys.

UNITED STATES PATENT OFFICE.

ROBERT MIDDLETON AND HERBERT TURNER JONES, OF MANCHESTER,
ENGLAND.

SELVAGE OF COTTON PILE GOODS.

SPECIFICATION forming part of Letters Patent No. 445,228, dated January 27, 1891.

Application filed May 13, 1890. Serial No. 351,671. (No model.) Patented in England February 28, 1890, No. 3,182.

To all whom it may concern:

Be it known that we, ROBERT MIDDLETON, managing director, and HERBERT TURNER JONES, secretary, of and on behalf of Messieurs Middleton, Jones & Company, Limited, subjects of the Queen of Great Britain and Ireland, residing at No. 6 Chorlton Street, and Portland Street, Manchester, in the county of Lancaster, England, merchants and manufacturers of velvets and velveteens, have invented new and useful Improvements Applicable to the Selvages of Cotton Pile Goods, (patented in England February 28, 1890, No. 3,182,) of which the following is a specification.

Our said invention relates to cotton pile goods, such as cotton velvets, velveteens, plushes, and the like, and has for its object to enrich and improve the appearance of such goods in the piece by brightening and imparting a finished appearance and richness to the selvages, thereby improving the general appearance of the pile goods.

Generally speaking, as at present manufactured the uncut selvages of cotton pile goods, having, by reason of the material, no inherent richness of appearance or texture, are dull and do not display the cut-pile portion to advantage. Several attempts have been made to remedy this defect; but according to our invention we attain the desired result by entirely or partially covering the face of the selvages by ribbons or strips of fabric composed, for example, of materials superior in quality and appearance to the general body of the goods, or treated or finished in such a manner as to have a superior effect, and by this means enhance the appearance of the piece.

In order to make our invention more clearly understood, we have shown in the accompanying drawing a view of the fabric embodying the said improvements.

In the drawing, A indicates the fabric, and B the strips or ribbons applied by adhesive

material, so as to cover the border, upon which the pile is not raised. The said ribbons or strips might be composed of silk, or of a mixture of cotton and silk, or of cotton alone, and an important feature of our invention consists in securing the said ribbons or strips to the selvages by means of adhesive cement composed of or containing, preferably, india-rubber, or otherwise composed of such materials as will form an adhesive cement suitable for our purposes. The ribbons or strips may be cut from existing fabrics or may be specially woven for the purposes of our invention. The said ribbons or strips may be colored or may be woven with colored lines or with geometrical or ornamental patterns in colors or effects of light and shade, or such ribbons or strips might in some instances have their decorative or other effects produced by printing, watering, or other well-known processes.

When ribbons or strips of the indicated nature are secured by adhesive cement, as aforesaid, to the selvages of cotton pile piece goods, the appearance of the said goods is very sensibly enhanced and a brilliancy and richness of effect is obtained which adds materially to the salable nature of the fabric to which our said invention is applied.

We claim as our invention—

The combination, with a cotton pile fabric having a border of uncut material on which the pile is not raised, of a strip applied by adhesive material covering said border, enriching the appearance of the fabric and constituting an artificial selvage, substantially as set forth.

In witness whereof we have hereunto set our hands in presence of two witnesses.

ROBERT MIDDLETON.
HERBERT TURNER JONES.

Witnesses:

ROBERT C. LAW,
WILLIAM WARDLE.