

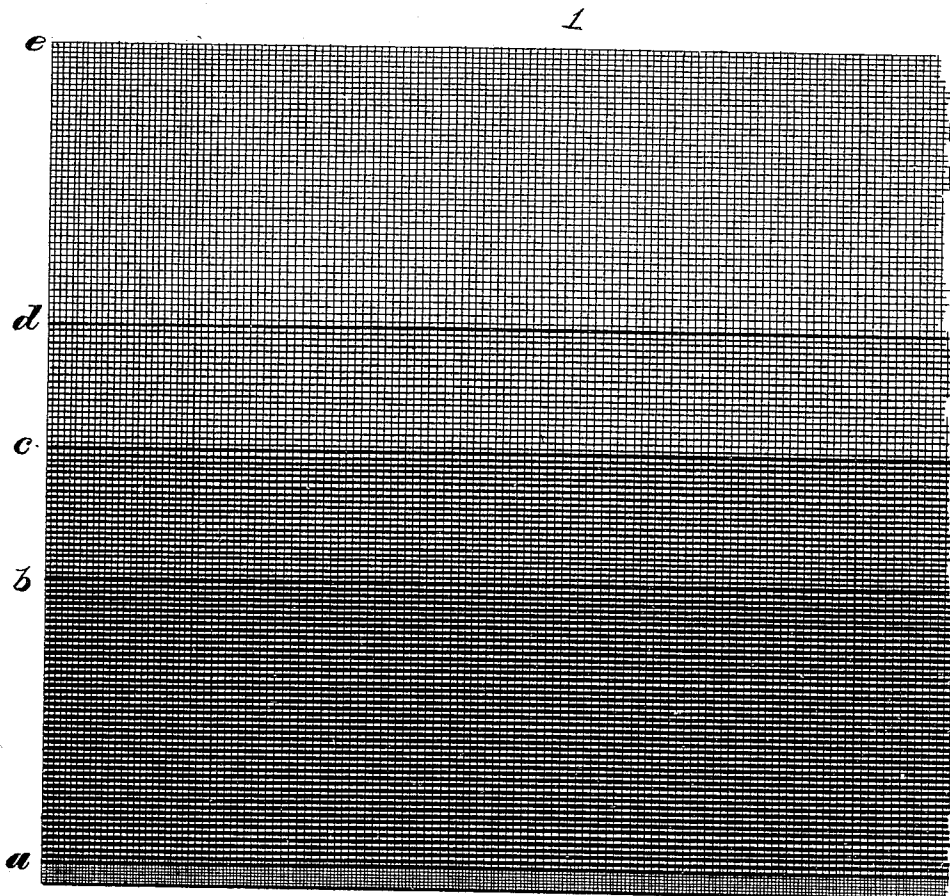
(No Model.)

L. MOSCHCOWITZ.

WOVEN FABRIC FOR SKIRT FACINGS.

No. 365,147.

Patented June 21, 1887.



Witnesses.
Robert D. Smith,
Percy B. Hills.

Inventor.
Louis Moschcowitz.
By James L. Norris
Atty.

UNITED STATES PATENT OFFICE.

LOUIS MOSCHCOWITZ, OF NEW YORK, N. Y.

WOVEN FABRIC FOR SKIRT-FACINGS.

SPECIFICATION forming part of Letters Patent No. 365,147, dated June 21, 1887.

Application filed July 31, 1886. Serial No. 209,609. (No specimens.)

To all whom it may concern:

Be it known that I, LOUIS MOSCHCOWITZ, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented new and useful Improvements in Woven Fabrics for Skirt-Facings, of which the following is a specification.

My invention relates to skirt-facings, and the purpose thereof is to provide a fabric from which a graduated foundation for such facings may be readily taken, the said fabric being constructed with especial reference to the requirements of this class of material.

It is the purpose of my invention also to do away with the various combinations of materials heretofore used for such purposes, and provide a single specially-prepared fabric, which shall answer all the requirements, be always adapted to use without addition, and shall accomplish better results at a less cost than the materials hitherto in use.

The invention consists in the novel fabric, as hereinafter fully set forth, and definitely pointed out in the claim annexed to this specification.

Referring to the drawing forming part of this application, the figure illustrates a fabric embodying my invention.

In the drawing, the numeral 1 designates a fabric composed of a single ply of woven textile material, having the necessary stiffness to adapt it to serve as a skirt-facing. The maximum degree of stiffness exists at the lower marginal portion of the fabric, which extends from *a* to *b*, above which, from *b* to *c*, the material is more pliant. So, also, a third and still more pliant or limp section, extending from *c* to *d*, may be added, having greater degree of pliability, with a fourth or final section, *d* to *e*, of maximum softness, each section comprising numerous warp and weft threads.

The fabric is formed by introducing into the warp successively threads of increasing coarseness. For example, the threads in section *d* to *e* being of a given grade, the adjacent section, *c* to *d*, is of thread double the thickness, and this increase is found in the next section, *b* to *c*, while in the bottom portion the thread is of heaviest grade suitable to this work. This forms a graduated foundation of a single thickness of material. Here-

tofore two or more materials have been used for the same purpose; but ordinarily the fabrics have been buckram at the lower part of the foundation, over and in conjunction with muslin, forming the entire width of a skirt-facing. The lower stiff material, by reason of the action of the body in walking rapidly or running up or down stairs, owing to the abrupt termination of the lower thickness, will curl upward and remain in such position, destroying the appearance of the dress. This objection is, however, wholly avoided by my graduated foundation, as it consists merely of one body and a single thickness. Such a graduated foundation may also be used for cheap or wash dresses as a complete skirt-facing, it being also provided at the lower edge with a selvage, which may be turned over the raw edge of the skirt, thus forming a binding for the latter.

It is evident that the number of distinct sections having a different stiffness or coarseness of thread may be more or less than those shown, as I may use two only, or any number greater than two, according to the special use to which the fabric is to be put. The several sections may also be all of the same width or of different width.

In forming the fabric, I may produce the difference in stiffness either by introducing heavier or coarser threads into the warp or by multiplying the number of threads introduced within a given width.

Having thus described my invention, what I claim is—

As a new article of manufacture, a single-ply stiffened textile foundation-fabric for ladies' skirt-facings, woven in a single piece and comprising two or more horizontal graduated sections formed by introducing into the warp of the successive sections threads of increasing thickness from the upper to the lower section, each section comprising numerous warp and weft threads, to form an upper pliable section and succeeding sections, which gradually and successively increase in thickness, substantially as and for the purposes described.

In testimony whereof I affix my signature in presence of two witnesses.

LOUIS MOSCHCOWITZ.

Witnesses:

IKE FREEMAN,
HENRY HAAS.