

UNITED STATES PATENT OFFICE.

JOSEPH SCHULTZ, OF NEW YORK, N. Y., ASSIGNOR TO HIMSELF AND
LEOPOLD HECHT, OF SAME PLACE.

IMPROVEMENT IN COMPOUNDS FOR COATING TEXTILE FABRICS.

Specification forming part of Letters Patent No. 116,997, dated July 11, 1871.

To all whom it may concern:

Be it known that I, JOSEPH SCHULTZ, of the city, county, and State of New York, have invented a new and Improved Compound for Coating Textile Fabrics; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same.

This invention relates to a compound for coating cloth or other textile fabrics—particularly for hat or bonnet-frames—with a decoction of flaxseed or Iceland (Irish) moss, balsam of fir, (Canada,) tapioca, (farina,) and coloring matter, which are to be mixed to the consistency of a paint, and one or more coatings applied to said cloth or other fabric, on one or both sides, and when dry the fabric may be subjected to the pressure of a die or dies, which will impart a clear and exact impression on one or both sides, and by these means may be obtained a good imitation of lace, embroidery, straw, hair, plain or fancy braiding, &c.

In carrying out my invention I take a strong decoction of flaxseed or Iceland (Irish) moss, from five to eight parts; balsam of fir, (Canada,) from three to five parts; tapioca, (farina,) boiled in water, from ten to fifteen parts; and sufficient coloring matter to bring out the desired tint; and after having mixed these ingredients intimately the compound is ready for use.

My compound is intended particularly for pro-

ducing imitation straw-braid, lace, embroidery, &c., and for this purpose I take cloth or other textile fabric and apply on one or both surfaces a coat of my compound. When dry I place said fabric on one or between two dies which have the desired design—either engraved or otherwise produced—and subject the same to pressure, when a clear and exact impression is produced on either one or both sides, which may resemble straw-braiding or lace embroidery on one side and the same or different design or color on the other side.

I disclaim everything shown and described in the patent of Eugene Arnheim, dated August 2, 1870; but

What I do claim, and desire to secure by Letters Patent, is—

1. A compound made of flaxseed or Irish moss, balsam of fir, tapioca boiled in water, and a suitable coloring matter, mixed together substantially as and about in the proportions herein set forth.

2. The combination of the above-named compound with cloth or other textile fabric by applying the same to the fabric and exposing it to the action of suitable dies, substantially in the manner described.

This specification signed by me this 17th day of April, 1871.

Witnesses:

JOS. SCHULTZ.

W. HAUFF,

E. F. KASTENHUBER.