April 13, 1926. 1,580,922

A. SCHERER

LAMP SHADE AND METHOD OF MAKING THE SAME

Filed Feb. 5, 1926 2 Sheets-Sheet 1

Fig. 1.

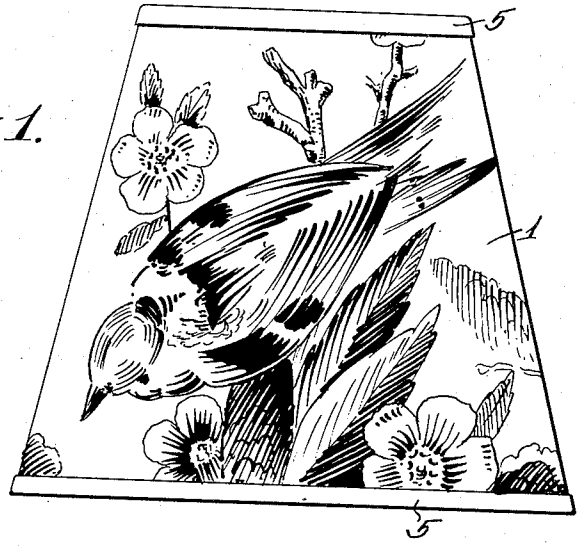
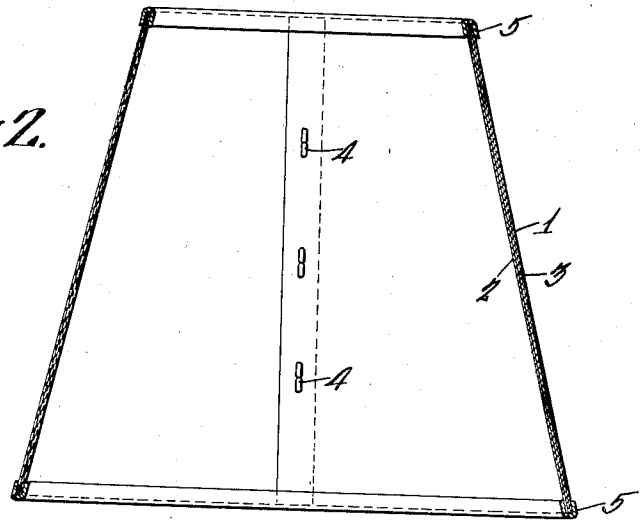


Fig. 2.



Witnesses:
Walter Chism.
George A. Gruss

Inventor
Adolph Scherer
by
Joshua R. H. Potts
his Attorney.

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Fig. 3.

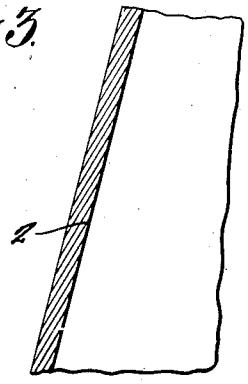


Fig. 4.

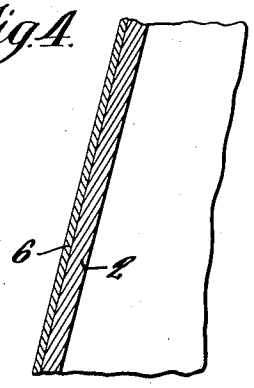


Fig. 5.

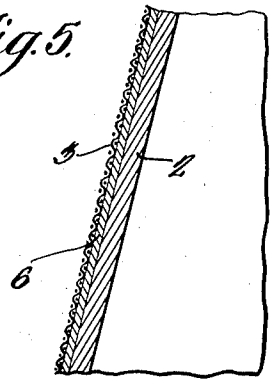


Fig. 6.

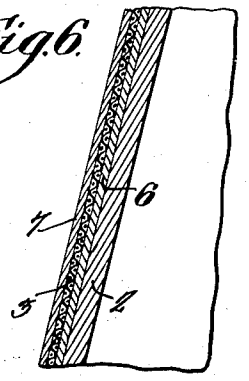
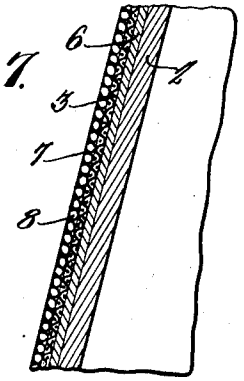


Fig. 7.



Witnesses:
Walter Chism
George A. Gruss

Inventor
Adolph Scherer
by Joshua R. H. Potts
his Attorney

Patented Apr. 13, 1926. 1,580,922

UNITED STATES PATENT OFFICE.

ADOLPH SCHERER, OF PHILADELPHIA, PENNSYLVANIA.

LAMP SHADE AND METHOD OF MAKING THE SAME.

Application filed February 5, 1926. Serial No. 86,143.

To all whom it may concern:

Be it known that I, ADOLPH SCHERER, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Lamp Shades and Methods of Making the Same, of which the following is a specification.

This invention relates to lamp shades and to a method of making the same.

Designs are usually produced on lamp shades by painting or stenciling them thereon, after which they are treated with various quick hardening liquids, such as varnishes. Glass beads are sprayed over some designs so that the beads sink into the liquid before it hardens. The chief objection to designs produced in this manner is that they are expensive to manufacture.

The objects of my invention are to provide a method of making lamp shades whereby decorative designs may be produced at a comparatively low cost, and to provide a shade which will be practically immune to injury under the handling in transportation.

These objects, and other advantageous ends which will be described hereinafter, I attain in the following manner, reference being had to the accompanying drawings in which—

Figure 1 is a side view of a lamp shade made in accordance with my invention,

Figure 2 a central section through the shade shown in Figure 1,

Figures 3, 4, 5, 6 and 7 fragmentary sections of the sheet material illustrating the successive steps in its making.

For clearness of illustration, I have shown a simple form of shade but other shapes may be produced with equal advantage.

Referring to the drawings, 1 indicates a decorative sheet material made of a backing 2 having printed sheet material 3 secured thereto. Fasteners 4 connect the meeting edges of the decorative material. Metallic reinforcing beads 5, of U-cross section, clamped to the free upper and lower edges of the shade, prevent separating of the printed material from the backing.

The decorative sheet material is produced by first coating backing 2, which may be of parchment, paper or other translucent or transparent material, with an adhesive 6; then applying the printed sheet 3, which is preferably cloth, to the adhesive coat; then coating the printed sheet material with a hardening liquid 7 such as varnish; then spraying the soft liquid with beads 8, so that they sink into the liquid; then allowing the liquid to harden. The sheet material produced has a pleasing ornamental effect, the printed designs appearing practically the same as though painted or stenciled. The beads may be applied before or after the shade is made or may be omitted. When applied after the shade is made another coat of varnish is applied to the shade and the beads are strewn on the varnish before it hardens. When the beads are used they add a deep misty covering having small sparkling crystals scattered over the colorful designs on the printed sheet.

Different patterns may be cut from this sheet material to make up different forms of lamp shades. The pattern pieces may be connected to each other by suitable fasteners, such as shown at 4, and the free edges of the shade are reinforced by U-shaped metallic beading, as shown at 5, which prevents the printed material from separating from the backing.

I have described the sheet material as being especially applicable to lamp shades, but it may be used wherever decorative effects are desired similar to those on a lamp shade.

While I have described my invention as taking a particular form, it will be understood that the various parts may be changed without departing from the spirit thereof, and hence I do not limit myself to the precise construction set forth, but consider that I am at liberty to make such changes and alterations as fairly come within the scope of the appended claims.

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

1. A method of producing sheet material consisting of coating a translucent backing with adhesive; applying printed sheet material thereto; coating the printed material with a liquid, and then allowing the liquid to harden.

2. A method of producing sheet material consisting of coating a translucent backing with adhesive; applying printed cloth thereto; coating the cloth with a liquid; applying beads to the liquid, and then allowing the liquid to harden.

3. A method of producing sheet material consisting of coating a translucent backing with adhesive; applying printed sheet material thereon; coating the printed material with a liquid; causing beads to sink into the liquid, and then allowing the liquid to harden.

4. A decorative sheet material consisting of a translucent backing; printed sheet material secured to the backing, and a coating of transparent material on the printed material.

5. A decorative sheet material consisting of a translucent backing; printed sheet material secured to the backing; a coating of transparent material on the printed material, and beads embedded in the coating.

6. A lamp shade consisting of a translucent backing; a printed sheet secured thereto, and U-shaped beading clamped to the free edges of the backing and the printed sheet.

In testimony whereof I have signed my name to this specification.

ADOLPH SCHERER.