

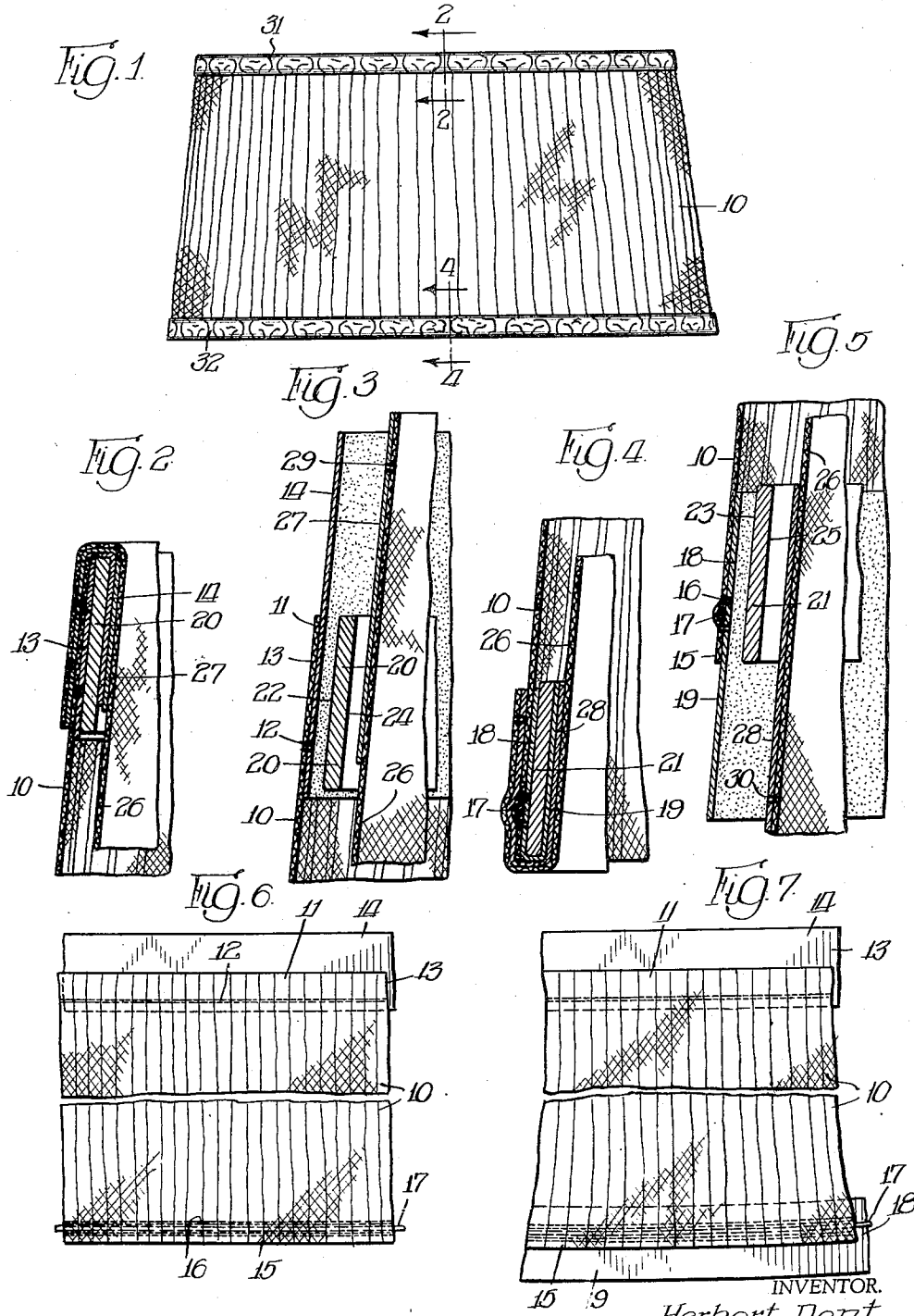
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MANUFACTURE OF PLAITED SILK LAMP SHADES

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MANUFACTURE OF PLAITED SILK LAMP
SHADES

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2 Claims. (Cl. 240—108)

One object of this invention is to provide a
plaited silk lamp shade of improved construc-
tion.

Another object of the invention is to provide
an improved method of manufacturing plaited
silk lamp shades.

Heretofore, in the manufacture of such lamp
shades the plaited silk covering has ordinarily
been sewn by hand on strips of material wound
about the upper and lower bands of the frame,
which method has been slow, costly, lacking in
uniform results, and dependent on the widely
varying skill of specially trained workers.

According to the present invention the plaited
silk covering, as well as the lining, can be ap-
plied quickly, inexpensively and accurately, with
uniform results, and without requiring the serv-
ices of specially skilled labor.

While the foregoing statements are indicative
in a general way of the nature of the invention,
other more specific objects and advantages will
be evident to those skilled in the art upon a
full understanding of the improved method and
the resulting product.

A preferred embodiment of the invention is
presented herein for the purpose of exemplifica-
tion, but it will of course be appreciated that the
invention can be practiced and put into effect
with various modifications which will come
equally within the scope of the appended claims.

In the accompanying drawing:

Fig. 1 is a side view of a plaited silk lamp shade
constructed in accordance with the invention;

Fig. 2 is an enlarged fragmentary section
through the upper edge of one side of the lamp
shade, taken on the line 2—2 of Fig. 1;

Fig. 3 is a corresponding section which shows
the plaited silk covering and lining before being
secured to the upper band of the frame;

Fig. 4 is an enlarged fragmentary section
through the lower edge of one side of the lamp
shade, taken on the line 4—4 of Fig. 1;

Fig. 5 is a corresponding section, showing the
plaited silk covering and lining before being se-
cured to the lower band of the frame;

Fig. 6 is a plan view of the plaited silk cover-
ing after a strip of adhesive material has been
secured to the edge which will later become the
upper edge of the covering and before a strip of
adhesive material has been secured to the other
edge; and

Fig. 7 is a corresponding view showing the
same covering after one of the edges thereof
has been stretched and had a strip of adhesive
secured thereto.

In proceeding to make a plaited silk lamp
shade in accordance with the invention, the
material from which the silk covering 10 is to
be made is first plaited. One edge 11 of the
covering in its plaited form is sewn at 12 to a
strip 13 of adhesive material, with the latter
projecting somewhat beyond the edge of the
covering, as shown at 14 in Fig. 6. The other
edge 15 of the covering is sewn at 16 to an
elastic band 17. After this has been done the
edge 15, together with the elastic 17, is uni-
formly stretched and sewn to a strip 18 of ad-
hesive material, with a portion 19 of the latter
projecting somewhat beyond the edge 15 of the
covering. This procedure results in a plaited
covering which has one edge longer than the
other. The extent to which the edge 15 is en-
larged will depend upon the taper of the frame
to which the covering is to be applied, the edge
15 being made only enough longer than the
edge 11 to permit both edges to be positioned
flatly against the upper and lower bands 20 and
21 of the frame, and all the plaits at right
angles to such bands after the covering has been
applied to the same.

After the covering has been secured at its
upper and lower edges to the strips 13 and 18
of the adhesive material the covering is ap-
plied to the frame of the lamp shade by sticking
the upper adhesive strip 13 to the outer surface
22 of the upper band 20 of the frame and by
sticking the lower adhesive strip 18 to the outer
surface 23 of the lower band 21 of the frame,
with the intervening portion of the plaited silk
cover 10 drawn taut. In sticking the adhesive
strips 13 and 18 to the upper and lower bands
the projecting margins 14 and 19 of the adhe-
sive strips are folded about the edges of the
bands and stuck to the inner surfaces 24 and
25 of the latter, producing a doubly tight and
strong engagement with the bands.

After the covering 10 has been applied in this
manner the lining 26, which has had strips 27
and 28 of adhesive material sewn at 29 and 30 to
its edges, is similarly applied to the inside of
the frame, the adhesive strips 27 and 28 being
stuck to the folded-back marginal portions 14
and 19 of the adhesive strips on the covering,
with the marginal portions of the adhesive strips
27 and 28 folded about the outer surfaces of the
adhesive strips 13 and 18 over the interposed
edges 11 and 15 of the covering.

After both the covering 10 and lining 26 have
been applied to the upper and lower bands 20
and 21 of the frame in this manner, ornamental

edgings 31 and 32 of braid or other suitable material can be applied to the upper and lower edges to complete the assembly.

While the strips 13, 18, 27 and 28 have been referred to herein as being of "adhesive" material, it will of course be appreciated that such strips may be plain and that the adhesive may be applied either to the strips or to the bands of the frame, as desired, at the time of assembly, wherefore this language as used in the claims is intended to embrace all such methods of accomplishing the desired adherence.

I claim:

1. The method of manufacturing plaited silk lamp shades of the type having a frame composed of upper and lower bands of different diameters, which consists in plaiting the silk covering, securing one edge of the same to a strip of adhesive material, securing the other edge of the same to an elastic band, stretching the last mentioned edge and securing the same in its stretched condition to another strip of adhesive material, and sticking the adhesive strips carried by the covering to the upper and lower bands of the frame of the lamp shade, with the stretched edge of the covering applied to the larger diameter band of the frame.

2. The method of manufacturing plaited silk lamp shades of the type having a frame composed of upper and lower bands, which consists in plaiting the silk covering, securing one edge of the same to a strip of adhesive material, securing the other edge of the same to an elastic band, stretching the last mentioned edge and securing the same in its stretched condition to another strip of adhesive material, securing the upper and lower edges of the lining to other strips of adhesive material, sticking the strips of adhesive material carried by the covering to the outer surfaces of the upper and lower bands of the frame of the shade, with the adhesive strips folded about the edges of the bands into adhering engagement with the inner surfaces of the latter, then sticking the adhesive strips carried by the lining to the folded-back portions of the first mentioned adhesive strips, with the second mentioned adhesive strips folded about the first strips, and then applying braid or other finishing material to the outer surfaces of the upper and lower edges of the assembly.

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