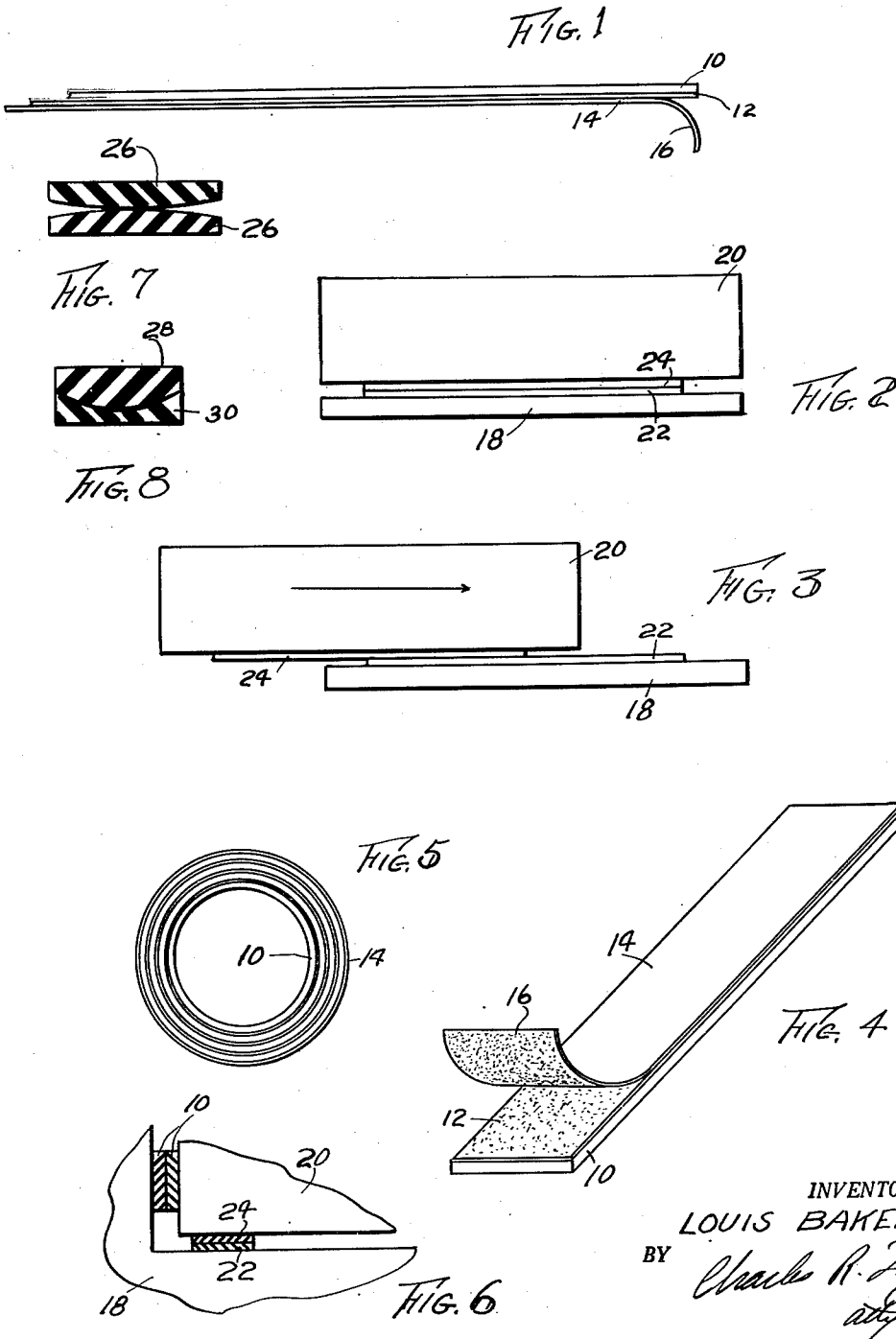


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NYLON GLIDE STRIP
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NYLON GLIDE STRIP

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1 Claim. (Cl. 308—3.6)

This invention relates to a new and improved article of manufacture which comprises in general a relatively thin narrow, light-weight strip of molded or extruded nylon, which strip may be of any length desired or substantially endless, in combination with a pressure-sensitive tape tacky on both sides thereof, one side of which is applied to the nylon strip for securing the nylon strip and tape together, and the other tacky side being exposed for adhesively securing the nylon strip to a support wherever desired; and the provision of the article of manufacture as above described including a cover strip for the exposed tacky surface of the pressure-sensitive tape, said cover strip being capable of being stripped off for use of the article while protecting the tacky surface prior to use thereof.

Further objects of the invention include the provision of an anti-friction bearing device in relatively thin, narrow strip-like form and comprising a piece of nylon, one side of which is provided with a pressure-sensitive adhesive surface whereby the strip may be pressed into contact with a support wherever desired to provide an anti-friction runner or bearing or the like wherever the same may be needed, for instance for sticking drawers, slides, doors or the like.

Other objects and advantages of the invention will appear hereinafter.

Reference is to be had to the accompanying drawings, in which:

Fig. 1 is an edge view illustrating the new tape, parts being broken away;

Figs. 2 and 3 illustrate a use for the tape as applied to a drawer;

Fig. 4 is a perspective view of the new tape;

Fig. 5 illustrates the same in roll form for commercial use and sale;

Fig. 6 illustrates another use for the anti-friction tape;

Fig. 7 is a sectional view of a modification; and

Fig. 8 is a sectional view of a further modification.

In carrying out the present invention, there is provided a strip of material indicated at 10. This material may be as thick, wide and as long as desired, but it is preferred that it shall be as thin as may conveniently be made, that it shall have a reasonable width of for instance from one-eighth to two inches, depending upon the use to which it is to be put, and it is preferred that it shall be made in endless form as by extrusion. The material of the strip is nylon, this being the considered to provide the best material for the purpose.

This novel nylon strip has top and bottom surfaces of relatively slick or slippery nature. Made in a thin enough form, this material may be rolled up in a roll

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such as is shown in Fig. 5, which is conventional with pressure-sensitive tapes, and it may be formed in this manner and sold in a package in roll form. On the other hand, in some cases it is desirable that the strip 10 shall be relatively thicker, in which case it may be sold according to length in straight unrolled form or as found commercially desirable.

One side of the nylon strip 10 is provided with a tacky pressure-sensitive adhesive which is indicated in the drawings by a layer 12. It is to be understood that this layer 12 may be merely a coating or it may be a tape which is itself coated with a pressure-sensitive adhesive on both sides thereof, so that it sticks to the strip 10 at one side only thereof.

In any event, the tacky surface 12 is covered with a protective cover strip 14 which may be stripped off as indicated at 16, thus normally protecting the surface 12 but quickly and easily exposing the same for use.

When the strip 14 has been removed, the nylon strip 10 is in condition for use and it finds its best application as an anti-friction guide or slider means, particularly adapted for drawers which stick or do not slide easily, for slides in general, for doors, etc., and for use wherever it may be needed.

Figs. 2 and 3 illustrate one use thereof wherein the reference numeral 18 indicates a supporting guide, as for instance at the inside of a table or desk, the rest of the latter being omitted for clarity of illustration. This guide 18 supports in sliding relationship, a drawer or other slide 20, and if the parts stick or the drawer moves with difficulty, the strip 10 is provided as described above and pressed tacky side down on the slide 18 as indicated at 22. This provides a fixed, slick-surfaced, anti-friction guide substantially permanently arranged thereon. The nylon strip will always provide for easier sliding of the drawer 20 but if desired, an additional strip 24 may be applied to the under side of the drawer or slide 20 in fixed relation thereon, so that there are provided the two anti-friction strips 10 bearing upon each other and forming a very easily sliding guideway or the like.

In some instances, the nylon strips 10 may be applied to a lateral position with respect to the drawer or slide 20 as well as the lower position thereof illustrated at 22 and 24.

In Fig. 7, there is shown a modification wherein nylon strips 26, which are comparable to those at 10, have been made with a slight curvature at one side thereof and in this case the sliding action will be found to be even better because of the relatively small track between the two nylon strips 26.

The nylon strip described above may be made on radii or on any curves desired, and it may be made as thin as desired commensurate with manufacturing abilities, so that it may be fitted into small spaces. On the other hand, it may be made relatively thick to suit other conditions encountered and it may be varied in many ways in order to carry out the purposes of the present invention.

The nylon strip may also be made to interfit as indicated at 28 and 30 in Fig. 8 so as not only to provide an anti-friction guide but to eliminate any side sway that might be present in the modification shown in Fig. 7.

Having thus described my invention and the advantages thereof, I do not wish to be limited to the details herein

disclosed, otherwise than as set forth in the claim, but what I claim is:

The combination of an elongated drawer guide of a conventional type, a conventional drawer slidable thereon, and anti-friction means between said guide and said drawer, said means comprising a pair of relatively long and narrow strips of nylon each having a smooth slick surface at one side thereof, and a coating of pressure-sensitive adhesive provided at the other side of each strip, one of said strips being secured by said adhesive to said guide, the other strip being secured by the adhesive thereon to the underside of said drawer in alignment with the first strip, and the slick surfaces of said strips being in sliding contact with each other.

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