

B. F. G. LINNELL.
PACKAGE.
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933,189.

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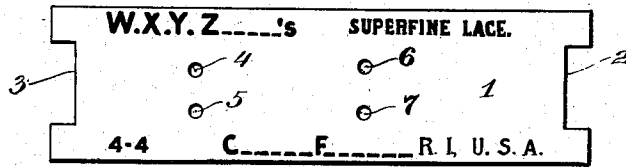


Fig. 1

Fig. 2

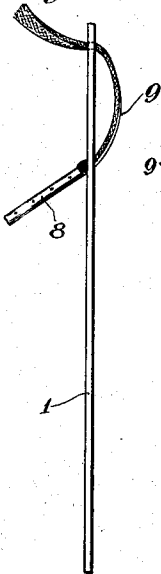


Fig. 3

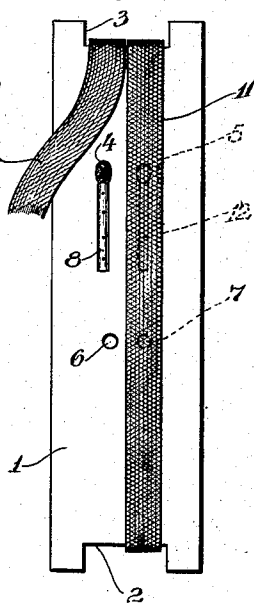


Fig. 4

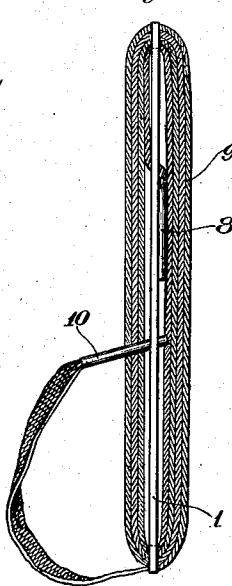


Fig. 5

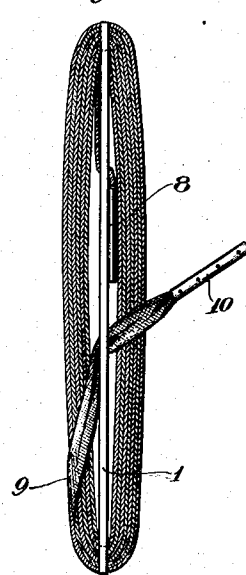


Fig. 6

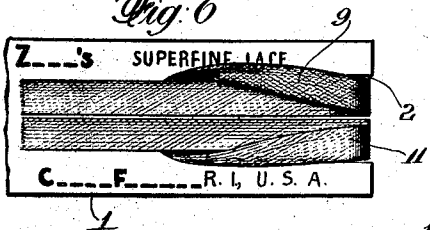
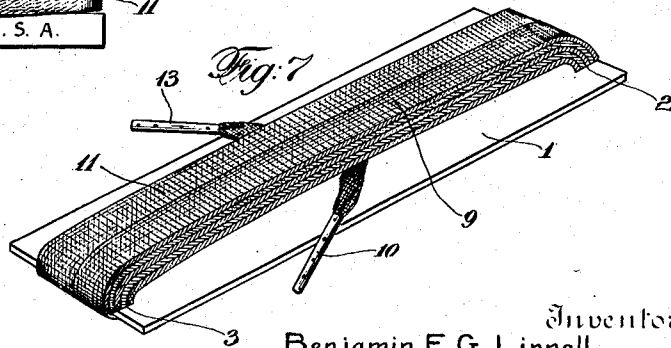


Fig. 7



Witnesses:

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UNITED STATES PATENT OFFICE.

BENJAMIN F. G. LINNELL, OF CENTRAL FALLS, RHODE ISLAND.

PACKAGE.

933,189.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, BENJAMIN F. G. LINNELL, a citizen of the United States, and a resident of Central Falls, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Packages, of which the following is a specification.

My invention relates to improvements in packaging laces, braids or other flexible materials and is especially adapted for pairing shoe laces.

Various objects of my invention are to provide a lace or other package in which the laces or other material will not become tangled or undone with excessive handling; in which the laces or other flexible material may be quickly and neatly put up or the laces paired; in which, when so prepared they will present an attractive appearance; in which ample space will be provided for advertising purposes, and in which certain of the tips will be exposed to allow of convenient examination of the same.

Further objects, features and advantages will more clearly appear from the detailed description given below taken in connection with the accompanying drawing which forms a part of this specification.

In the drawing, Figure 1 is a plan view of my improved card upon which the laces or other flexible materials are to be placed. Fig. 2 is an edge view of the card showing a portion of a shoe lace which is about to be placed thereon. Fig. 3 is a plan view of the card and portions of two laces partially wound thereupon. Fig. 4 is an edge view of the card and a lace when nearly completely wound thereupon. Fig. 5 is an edge view of the completed package of laces. Fig. 6 is a partial top plan view of the package of laces. Fig. 7 is a perspective view showing the bottom of the package of laces.

Like reference characters represent like parts in the various figures.

Referring to the various figures and especially to Fig. 1, 1 denotes a card upon which the laces or other materials are to be placed or coiled and which has suitable notches 2 and 3 in its ends which act or aid to properly position and hold the laces upon the same. By the term card I do not limit

myself to a card of any particular material, for any material may be used which is suitable for the purpose, such as pasteboard, wood, metal and the like; and, therefore, when I use the term card I refer to any relatively thin or other means which is suitable for the purposes described. The card 1 has a pair of holes 4 and 5 near the notch 3 and a pair of holes 6 and 7 near the center of the card. These holes are some distance from the side edges of the card and are in line with the notches 2 and 3.

I will describe the manner in which the laces or other materials are placed upon the card, since the structure of my improved package will be best understood thereby. In placing or coiling the laces or other materials upon the card, I first insert the tip 8 of a lace 9 through either one of the holes 4 or 5, for instance in the hole 4, as shown in Fig. 2. The lace is then brought up through the notch 3 and down over the tip 8 as shown in Fig. 3 at the left. The right hand lace in Fig. 3 is shown as having been given a single turn around the card and over its tip. The lace is then continually wound upon the card 1, and upon itself until that stage is reached as shown in Fig. 4. The other tip 10 of the lace 9 is then inserted in the hole 6 which lies beneath said lace, as indicated in Fig. 4. The tip 10 with its lace 9 is then drawn through the hole 6, taut and out from under the turns on the other side of the card, as shown in Fig. 5.

By properly proportioning the size of the card to the length of the lace or by pulling the tip 8 through the card the proper distance in the first step, a small portion of the lace 9 with the tip 10 is brought on the under side of the card and there lies exposed. The other lace 11 with its tips 12 and 13 is placed upon the card beside the lace 9 in the same manner with the exception that the holes 5 and 7 are used, and the tip 13 projects toward the other side of the card. The notches 2 and 3 hold the coils firmly upon the card. One lace may be completely wound and fixed upon the card and then the other; or, both may be wound upon the card simultaneously.

By referring to Fig. 6 it will be seen that by passing the tips 10 and 13 through holes

or apertures which are beneath the respective turns the last laps of the laces are made to firmly embrace the coils and the size of the apertures being comparatively small, the laces, after being once drawn taut through these apertures, will be held firmly therein. The tips 8 and 12 are also held firmly upon the card because they lie beneath the coils of the laces 9 and 11 respectively.

By referring to Fig. 7, it will be seen that the tips 10 and 13 with a small portion of the laces, are made to project from the coils on the underneath side of the card, and lie exposed toward the edges of the card. This is of great advantage since it allows a prospective purchaser to easily and quickly examine the tips as to quality and size.

By providing a card of the shape shown in Fig. 1, and pairing the laces upon it in this manner, ample space is left at the sides for advertising and for labeling the laces with marks indicating their size, quality, etc.; and, by putting indicating marks on the card itself the use of a gum label is obviated.

The apertures 4, 5, 6 and 7 may be made of any size suitable to the size and kind of lace used.

Although I have described my improved package and the means and method of producing it in great detail, I desire it to be understood that my invention is not limited to such details, but

Having thus fully and clearly described my invention, what I claim and desire to secure by Letters Patent, is:

1. The combination of a card having a plurality of apertures therethrough and a pair of shoe laces coiled upon said card, each lace forming an independent coil beside the other and having its outer end secured by being passed through one of said apertures.

2. The combination of a card and a pair of shoe laces coiled upon said card, each lace forming an independent coil and having its outer end secured by being passed through an aperture in said card.

3. The combination of a card and a pair of shoe laces coiled thereupon, each lace forming a separate coil beside the other with its ends passed through apertures in said card.

4. The improved means for putting up laces consisting of a card having an aperture, in which to insert one end of a lace and a second aperture near the center of the card for the other end of the lace.

5. The improved means for putting up laces consisting of a card having an aperture near one end, in which to insert one end of a lace and an aperture near the center in which to insert the other end of the lace.

6. The improved means for pairing laces consisting of a card having a pair of apertures near one end, in which to insert one

end of each of the laces and a second pair of apertures near the center in which to insert the remaining ends of the laces.

7. The combination of a card and a shoe lace coiled upon said card, both tips of said lace being passed through the card beneath the coil.

8. The combination of a card and a pair of laces, one end of each of said laces being passed through the card, said laces being coiled upon the card and over said ends, and said laces having their remaining ends passed through the card beneath their respective windings and in the same direction as said first mentioned ends.

9. The combination of a card and a pair of laces, one end of each of said laces being passed through the card, each of said laces being coiled upon said end thereof and upon the card, and the remaining ends of said laces being passed through the card beneath their respective windings.

10. The combination of a card and a pair of laces, one tip of each of said laces being passed through an aperture in said card, said laces being wound upon the card over said tips, and said laces having their remaining tips passed through a pair of apertures near the center of the card beneath the windings so that said last mentioned tips are left exposed and protruding from said windings.

11. The combination of a card and a pair of laces having one tip of each passed through an aperture in the card near one end, said laces being coiled upon the card over the above mentioned tips and having their remaining tips passed through independent apertures near the center of the card.

12. The combination of a card provided with a pair of apertures near one end and a pair of apertures near its center, and a pair of laces, one tip of each of the laces being passed through one of the apertures respectively near the end of the card, each of said laces being coiled upon itself and upon its first mentioned tip, and the remaining ends of said laces being passed through the apertures near the center of the card and beneath their respective coils.

13. The combination of a card and a lace coiled upon the card having its outer end passed through an aperture in the card, said aperture being nearer the center of the card than its end.

14. The combination of a card and a lace coiled upon said card having its outer end passed through the card beneath said coil.

15. The combination of a card and a strip of flexible material having one of its ends passed through the card, said material being coiled upon the card and having its other end passed through the card near its center.

16. The combination of a card and a strip

of flexible material having one of its ends passed through the card, said material being coiled upon the card and having its other end passed through the card beneath the coil.

17. The combination of a card and a strip of flexible material, said material being coiled upon the card and having one of its ends passed through the card beneath the coil so that said end will lie exposed and protruding at one side of the coil.

18. The combination of a card and a strip of flexible material, said material being coiled upon the card and having one end thereof passed through the card beneath the coil at a point nearer the center of the card than its end.

19. The combination of a card and a strip of flexible material, one end of said material being passed through the card, said material being coiled upon the card and having its remaining end passed through the card beneath the coil and in the same direction as said first mentioned end.

20. The combination of a card and a lace, one end of said lace being passed through the card, said lace being coiled upon the card and upon said end, and the remaining end of said lace being passed through the card beneath the coil.

21. The combination of a card having two apertures, one being near the center thereof, and a lace, one end of said lace being passed through one of said apertures, said lace being coiled upon the card and the remaining end of said lace being passed through the

aperture near the center of the card and beneath the coil.

22. The combination of a card having an aperture near its end and an aperture near its center, and a lace having one of its ends passed through said first mentioned aperture, said lace being coiled upon the card and over said end and having its remaining end passed through the aperture near the center beneath the coil and so that said last mentioned end is left exposed and protruding from said coil.

23. The improved shoe lace package which consists of a card having a pair of laces coiled thereupon, said laces being coiled upon some of the ends thereof to hold them securely, and one end of one of said laces being passed through an aperture in the card to secure the same.

24. The improved shoe lace package which consists of a card and a pair of laces wound thereupon, an end of one of said laces being passed through the card near the center thereof to secure the same in place.

25. The improved shoe lace package which consists of a card and a pair of laces wound thereupon, with an end of one of said laces passed through the card beneath the windings to secure the same in place.

Signed at Central Falls, in the county of Providence and State of Rhode Island this 8th day of October, A. D. 1907.

BENJAMIN F. G. LINNELL.

Witnesses:

FRANCES MAE LINNELL,
LILLIAN E. LINNELL.