

UNITED STATES PATENT OFFICE.

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HORN.

936,910.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, HUGH J. KINGSLEY, citizen of the United States, residing at Rutland, county of Rutland, and State of Vermont, have invented certain new and useful Improvements in Horns, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to a horn or megaphone, and particularly to such a structure formed from a sheet or blank.

The invention has for an object to provide a sheet having inclined side edges, one of which is provided with an inset recess and the other with a projecting interlocking tongue. The blank may also be provided with fold line indications upon its sides and top so as to permit the folding of the edges upon the body thereof to provide a double thickness of material thus stiffening the sheet for use as a fan.

Other and further objects and advantages of the invention will be hereinafter fully set forth and the novel features thereof defined by the appended claims.

In the drawing:—Figure 1 is a plan of the blank; Fig. 2 is a perspective of the blank rolled into a megaphone. Fig. 3 is a plan thereof when folded as a fan.

Like numerals refer to like parts in the several views of the drawing.

The numeral 10 designates the blank which may be of any desired material of sufficient stiffness and adapted to be readily rolled or folded, for instance, cardboard. This blank is adapted to receive any character of printed matter, for instance, at 11 a title and directions for use, or a scoring space for games, as indicated at 12, while the remainder of the blank may be utilized for advertising spaces as indicated at 13. This blank is provided with its side edges 14 inclined toward each other and is preferably of segmental form although not necessarily so. When of segmental form the free edge 15 is curved and the lower edge 16 also curved. The sides 14 are provided with any character of interlocking means, a desirable form comprising the tongue 17 upon one side and adapted to enter the recess 18 at the opposite edge and to be held by the lugs 19 thereof-engaging the extended lugs 20 on the tongue. When the parts are so engaged a tube is produced comprising a frustum of

a cone particularly adapted for use as a megaphone. The blank is also provided at its side edges with fold line indications 21 and at the bottom with a similar fold line indication 22 in order to adapt the blank to be used as a fan by bending the sides edges 14 of the blank so as to carry the interlocking means into engagement with the body thereof, and stiffening the lower portion by folding a part thereof against the body of the blank thus bracing the edges of the blank for use as a fan rendering it sufficiently rigid for use for that purpose.

It will be seen that the invention comprises a simple blank which may be formed by a single cutting operation, this blank being adapted for use as a score or program card, and to receive advertising matter if so desired, while it may also be readily rolled and secured to form a megaphone or the edges thereof folded to produce a fan thus adapting it for a plurality of uses in connection with outdoor games or sports. The simplicity of the invention permits its very economical manufacture and ready adoption for the use desired and combines the functions of several articles in a single device, as whether used as a megaphone or fan the printed matter thereon will be clearly visible and can be utilized.

Having described my invention and set forth its merits, what I claim and desire to secure by Letters Patent is:—

1. As an article of manufacture, a horn comprising a sheet having side edges inclined toward each other one of said edges being provided with a recess extending inward from the outer line thereof; and a projecting tongue upon the opposite edge co-operating with said recess.

2. As an article of manufacture, a horn comprising a sheet having side edges inclined toward each other, one of said edges being provided with a recess extending inward from the outer line thereof, a projecting tongue upon the opposite edge co-operating with said recess, and fold line indications upon said sheet at the inner side of said tongue and recess to guide the fold of said edges upon the body of the sheet.

3. As an article of manufacture, a horn comprising a sheet having side edges inclined toward each other one of which is provided with an inwardly extending recess

having lugs at its opposite ends, and a projecting tongue upon the cooperating edge having at its opposite ends interlocking lugs.

4. As an article of manufacture, a horn
5 comprising a sheet having curved upper and lower edges and side edges inclined toward each other, one of said side edges being provided with an inset recess having lugs at its opposite ends, the cooperating side edge be-

ing formed with a projecting tongue having 10 cooperating interlocking lugs at the ends thereof.

In testimony whereof I affix my signature in presence of two witnesses.

HUGH J. KINGSLEY.

Witnesses:

P. F. McDONOUGH,
E. H. TAYLOR.