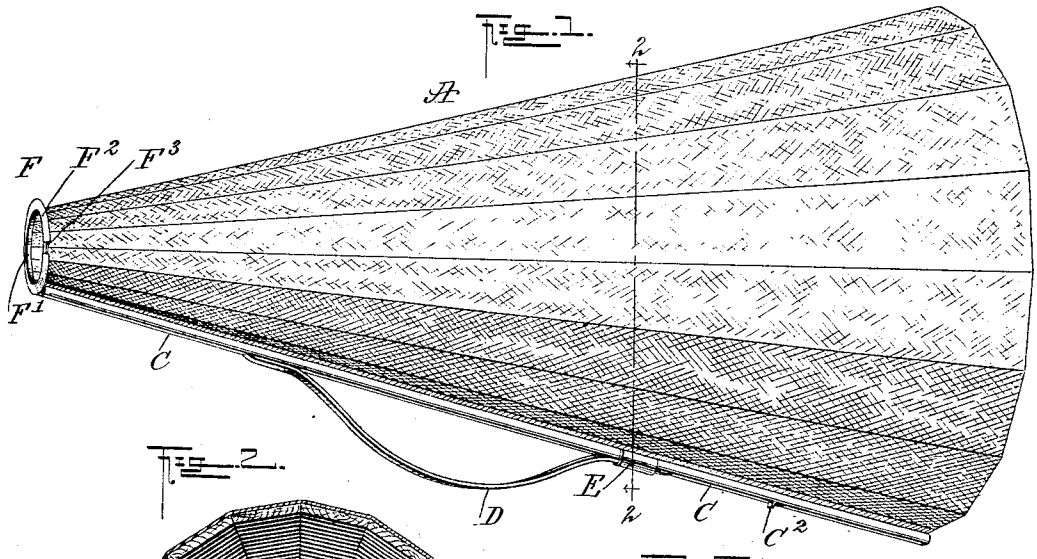
No. 763,808. PATENTED JUNE 28, 1904.

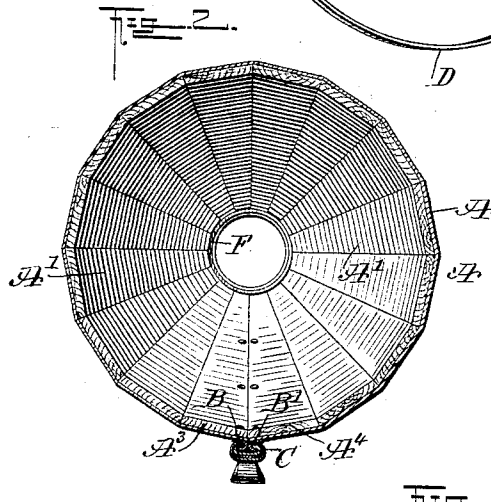
H. STURGES.

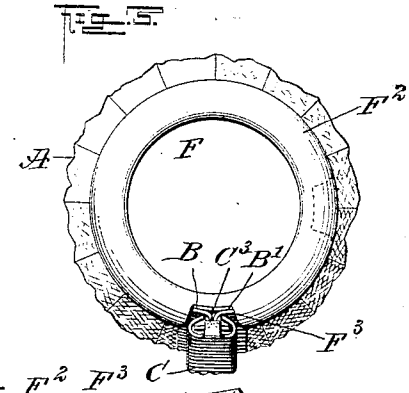
COLLAPSIBLE MEGAPHONE.

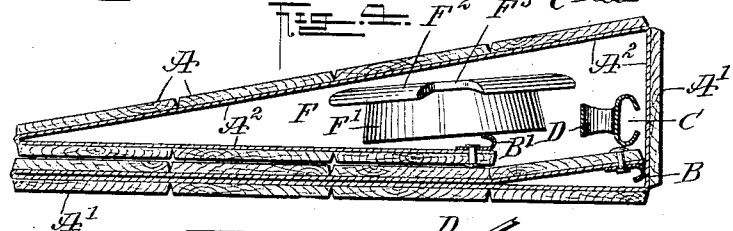
APPLICATION FILED FEB. 2, 1904.

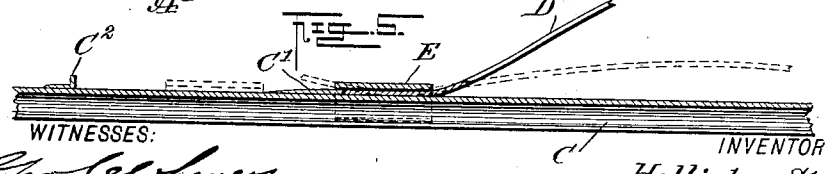
NO MODEL.











WITNESSES:

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BY

ATTORNEYS

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

No. 763,808. Patented June 28, 1904.

UNITED STATES PATENT OFFICE.

HOLLISTER STURGES, OF NEW YORK, N. Y.

COLLAPSIBLE MEGAPHONE.

SPECIFICATION forming part of Letters Patent No. 763,808, dated June 28, 1904.

Application filed February 2, 1904. Serial No. 191,666. (No model.)

To all whom it may concern:

Be it known that I, HOLLISTER STURGES, a citizen of the United States, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Collapsible Megaphone, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved megaphone adapted to be collapsed and folded into comparatively little space for convenient storing aboard ship or other place and adapted to be quickly and readily extended for use.

The invention consists of novel features and parts and combinations of the same, as will be more fully described hereinafter and then pointed out in the claims.

A practical embodiment of the invention is represented in the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of the improvement in position for use. Fig. 2 is a transverse section of the same on the line 2 2 of Fig. 1. Fig. 3 is an enlarged end elevation of the improvement. Fig. 4 is an enlarged longitudinal section of the collapsed body, with the locking-slide and mouthpiece shown in elevation; and Fig. 5 is an enlarged longitudinal sectional elevation of the locking-slide and the means for securing the free end of the handle to the slide.

The body A of the collapsible magaphone when extended for use (see Fig. 1) is approximately in the shape of a split truncated cone or many-sided pyramid and is formed of slats A′, connected with each other by a fabric A^2, such as canvas, which fabric forms a cover for the slats and also hinges to hingedly connect the sides of the slats with each other to allow convenient folding of the slats when the body is collapsed. (See Fig. 4.)

The adjacent slats A^3 and A^4 along the split of the body A are provided on the outside with longitudinally-extending guideways B and B′, preferably made of metal and adapted to be engaged by a locking-slide C for securely fastening the adjacent edges of the slats A^3 and A^4 together to securely hold the body A in an extended position—that is, in the form of a truncated cone or many-sided pyramid. As shown in the drawings, the side edges of the slats are somewhat beveled, so that when the body A is extended for use the edges of adjacent slats fit snugly together to produce a strong and durable body A.

As shown in Fig. 1, the locking-slide C and the guideways B and B′ extend throughout the length of the body A, and on the said slide C is secured one end of a handle D, preferably made of spring metal, adapted to be taken hold of by the operator for using the megaphone for its legitimate purpose. The free end of the handle D is adapted to be engaged by a sleeve E, slidably held on the slide C to firmly lock the free end of the handle in place at the time the said free end abuts against a projection or lug C′, formed integrally on the locking-slide C, as plainly indicated in Fig. 5. When the slide C is withdrawn from the guideways B and B′ and the body A is collapsed and folded, then the handle D can also be folded snugly against the side of the slide C by the operator moving the sleeve E outwardly to release the free end of the handle D and allow the latter to lie flat against the slide C. In order to prevent the sleeve E from accidental disengagement from the slide C, a stop C^2 is provided, against which the sleeve E can abut when not in use.

The mouthpiece F for the megaphone is in the form of a beveled ring F′, fitting the inside surface of the body A at the apex end, and the said ring F′ is provided at its apex end with an outwardly-extending flange F^2, adapted to abut against the ends of the slats, so as to prevent the mouth of the user of the megaphone from coming in contact with the rough edges of the slats and the canvas. By having the outer side of the ring beveled to correspond to the conical shape of the body A it is evident that the ring F′ is securely held in place on the megaphone when the latter is extended or set up; but the mouthpiece can be turned in the apex end of the body A to move a notch F^3 in the flange F^2 in or out of register with the guideways B and B′ and the slide C. When the notch F^3 is in regis-

ter with the guideways B and B′ and the slide C, then the latter can be placed in position on the guideways or removed therefrom; but when the slide C is in position in the guideways and the ring is turned so as to move the notch F^3 out of register with the end of the slide and the guideways then the slide C is held against accidental displacement on the guideways B and B′. The slide C is provided with an inturned lug C^3 (see Fig. 3) at the apex end of the megaphone for the lug to abut against the ends of the guideways to prevent the slide C from moving out of position in an outward direction on the guideways B and B′.

When the megaphone is extended, as shown in Fig. 1, and it is desired to collapse the megaphone, then the operator first turns the mouthpiece F until the notch F^3 is in register with the guideways B and B′ and the slide C, and then the latter is withdrawn from the guideways through the notch F^3 to unlock the body A to allow of folding the same, as indicated in Fig. 4, at the same time allowing removal of the mouthpiece F and storing the same in the folded body A, as indicated in Fig. 4. The slide C may also be placed within the folded body A, as shown in Fig. 4, it being understood that after the slide is removed the handle D is unlocked and folded to take up little room on the slide C, as previously explained.

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

1. A collapsible megaphone comprising a body in the form of a split truncated cone, a ring in the apex end of the body, and means for locking and unlocking the sides of the cone at its split, said means being adapted to bring the edges of the cone at its split, into abutting engagement with each other, as set forth.

2. A collapsible megaphone comprising a body in the form of a split truncated cone and made of slats, hingedly connected with each other, the slats at the split being provided with longitudinal guideways, and a locking-slide for removably engaging the said guideways, as set forth.

3. A collapsible megaphone comprising a body in the form of a split truncated cone and made of slats, hingedly connected with each other, the slats at the split being provided with longitudinal guideways, a locking-slide for removably engaging the said guideways, and a handle on the said locking-slide, as set forth.

4. A collapsible megaphone comprising a body in the form of a split truncated cone and made of slats, hingedly connected with each other, the slats at the split being provided with longitudinal guideways, a locking-slide for removably engaging the said guideways, a flexible handle attached at one end to the said slide, and means on the slide for engaging the free end of the said handle, as set forth.

5. A collapsible megaphone comprising a body in the form of a split truncated cone and made of slats, hingedly connected with each other, the slats at the split being provided with longitudinal guideways, a locking-slide for removably engaging the said guideways, a flexible handle attached at one end to the said slide, a lug on the said slide, for the free end of the handle to abut against, and a sleeve on the slide, for engaging the free end of the handle, to lock the same in place against the lug, as set forth.

6. A collapsible megaphone comprising a body in the form of a split truncated cone, made in foldable sections, a locking device for locking the sides of the split together, and a mouthpiece consisting of a ring provided with beveled sides fitting the inside of the said body at the apex and a flange on the said ring, fitting the apex edge of the body, as set forth.

7. A collapsible megaphone comprising a body in the form of a split truncated cone, made in foldable sections, a locking device for locking the sides of the split together, and a mouthpiece consisting of a ring provided with beveled sides fitting the inside of the said body at the apex and a flange on the said ring, fitting the apex edge of the body, the flange having a cut-out portion for the passage of the movable member of the said locking device, as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

HOLLISTER STURGES.

Witnesses:
THEO. G. HOSTER,
EVERARD BOLTON MARSHALL.