

No. 844,580.

PATENTED FEB. 19, 1907.

M. CLINE.
LIFE PRESERVER.
APPLICATION FILED NOV. 1, 1906.

Fig. 1.

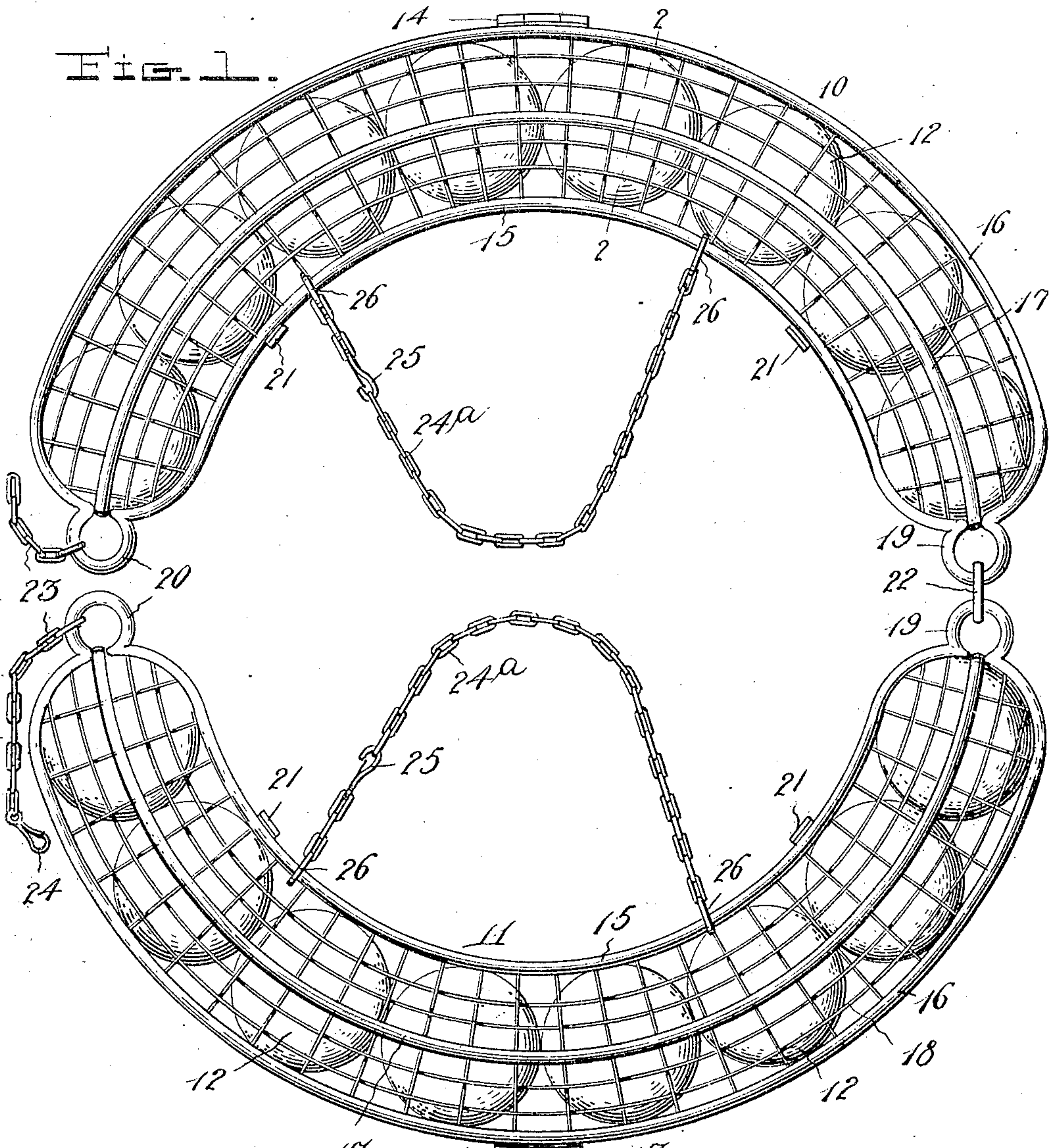
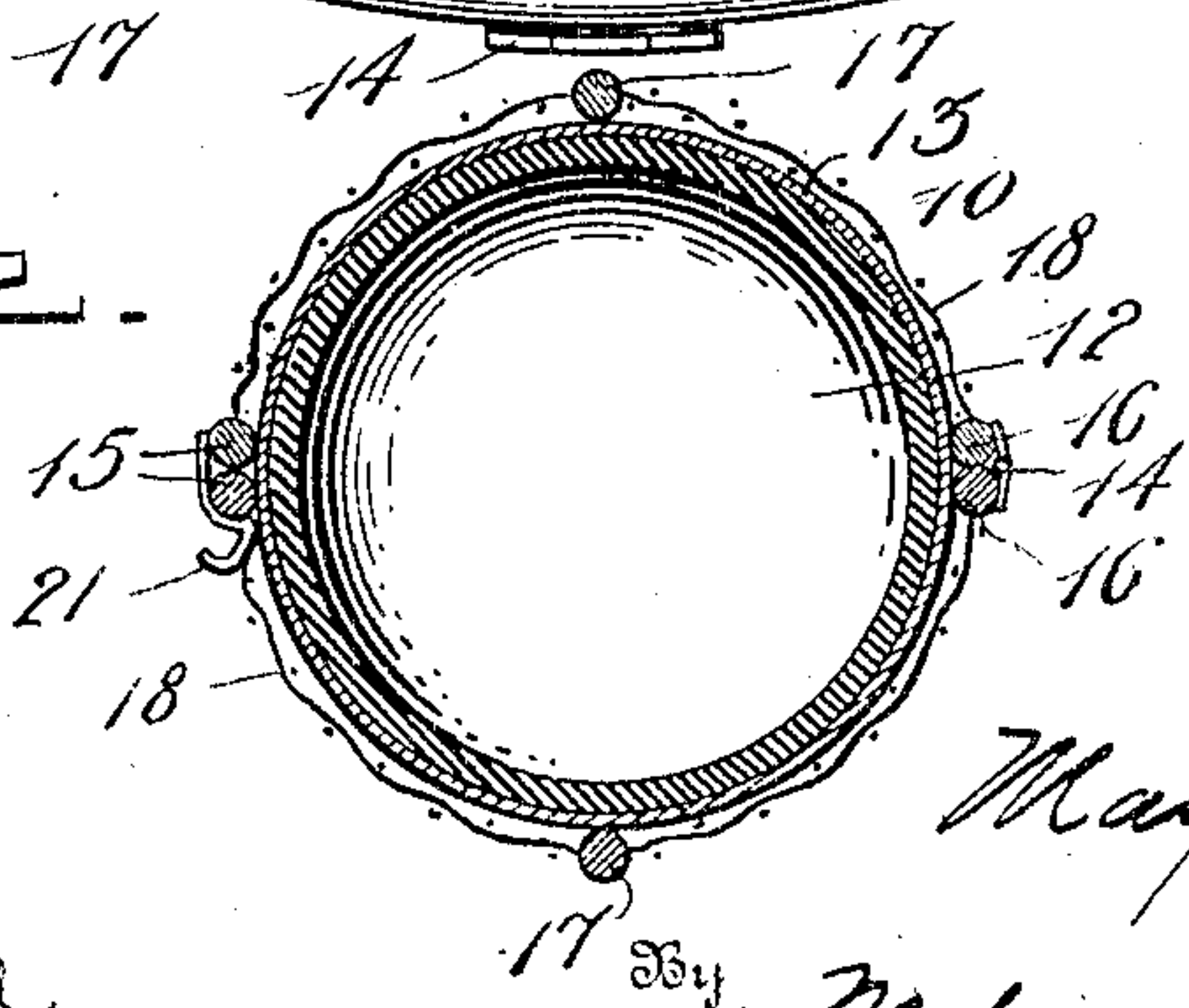


Fig. 2.



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Witnesses

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MAY CLINE, OF HARMONY, NEW JERSEY.

LIFE-PRESERVER.

No. 844,580.

Specification of Letters Patent.

Patented Feb. 19, 1907.

Application filed November 1, 1906. Serial No. 341,641.

To all whom it may concern:

Be it known that I, MAY CLINE, a citizen of the United States, residing at Harmony, in the county of Warren and State of New Jersey, have invented new and useful Improvements in Life-Preservers, of which the following is a specification.

This invention is a life-preserver, and has for its object to provide one which is strong and light and can be easily applied and adjusted to properly fit the person.

A further object is to provide a life-preserver having a series of air vessels or floats inclosed in a protective frame embodying certain novel features of construction hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a plan view of the invention. Fig. 2 is a transverse section on the line 2 2 of Fig. 1.

Referring specifically to the drawings, the invention comprises two substantially semicircular skeleton frames 10 and 11, respectively, each of which incloses a series of inflated spherical floats 12, preferably made of rubber and having a protective cover of copper foil, as indicated at 13. Each frame is in two sections, which are connected by a hinge 14, so that they can be swung open to place the floats inside the frame. Each section comprises end bars 15 and 16 and an intermediate bar 17, to which is secured a wire-netting 18 for protecting the floats. The bars are preferably stout wires, the bars 15 and 16 being a single piece of wire which is bent into a substantially semicircular loop. At the end of the loop the wire is bent to form eyes 19 and 20 for a purpose to be hereinafter described. The hinge 14 is secured to the bars 16, and the bars 15 carry suitable clasps 21 for holding the sections closed.

The frames 10 and 11 are connected by a snap-hook 22, engaging the eyes 19, whereby a hinge connection between the frames is had which enables them to be readily opened for use. To the eyes 20 are connect-

ed chains 23 for fastening the life-preserver on the person, one of the chains carrying a snap-hook 24 for connecting the chains and for adjustment. Each frame is also provided with chains 24^a to go over the shoulders of the person, each of said chains being in two sections connected by snap-hooks 25 for the purpose of adjustment. These chains are connected to the bars 16 by snap-hooks 26, which also serve to hold the hinged sections closed.

The life-preserver herein described is light, strong, and durable, and it can be readily put on and adjusted to fit securely and comfortably. All the parts except the rubber spheres are preferably made of copper.

I claim—

1. A life-preserver comprising a sectional skeleton frame, each section comprising end bars and an intermediate bar, a wire-netting secured to said bars, floats inclosed by said sections, and a hinge connection between the sections.

2. A life-preserver comprising two hinged members, each of which comprises a sectional skeleton frame, each section of said frame having end bars and an intermediate bar, a wire-netting secured to said bars, floats inclosed by the frame, and a hinge connection between the sections.

3. A life-preserver comprising two substantially semicircular members having at one end a hinge connection, and an adjustable connection for the other end, each member comprising a sectional skeleton frame with a hinge connection between the sections, and floats inside the frame.

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

MAY CLINE.

Witnesses:

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