

No. 875,152.

PATENTED DEC. 31, 1907.

P. M. CHARTRES.  
SHOE LACE AND FASTENER.  
APPLICATION FILED JUNE 28, 1907.

Fig. 1,

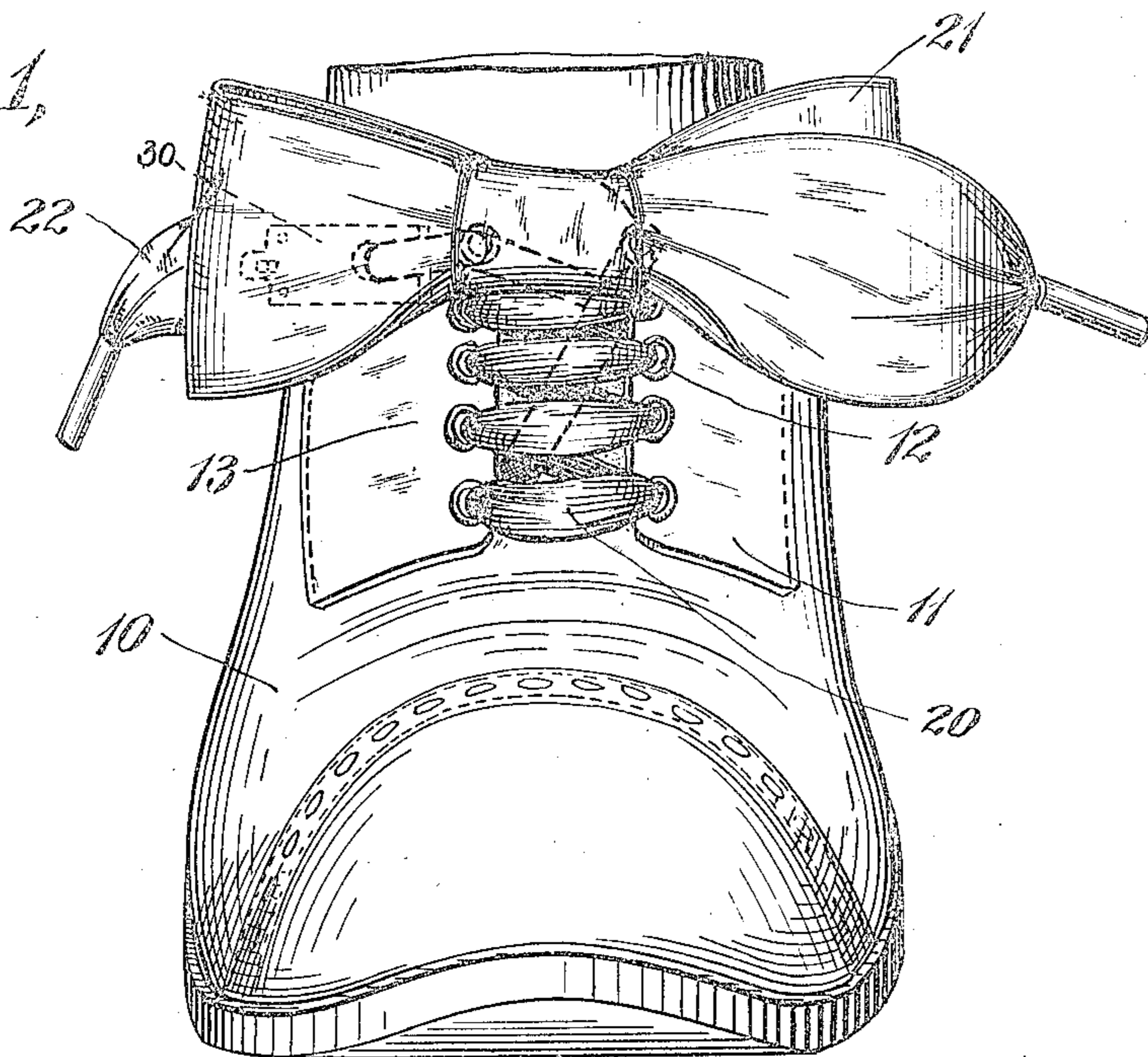


Fig. 2,

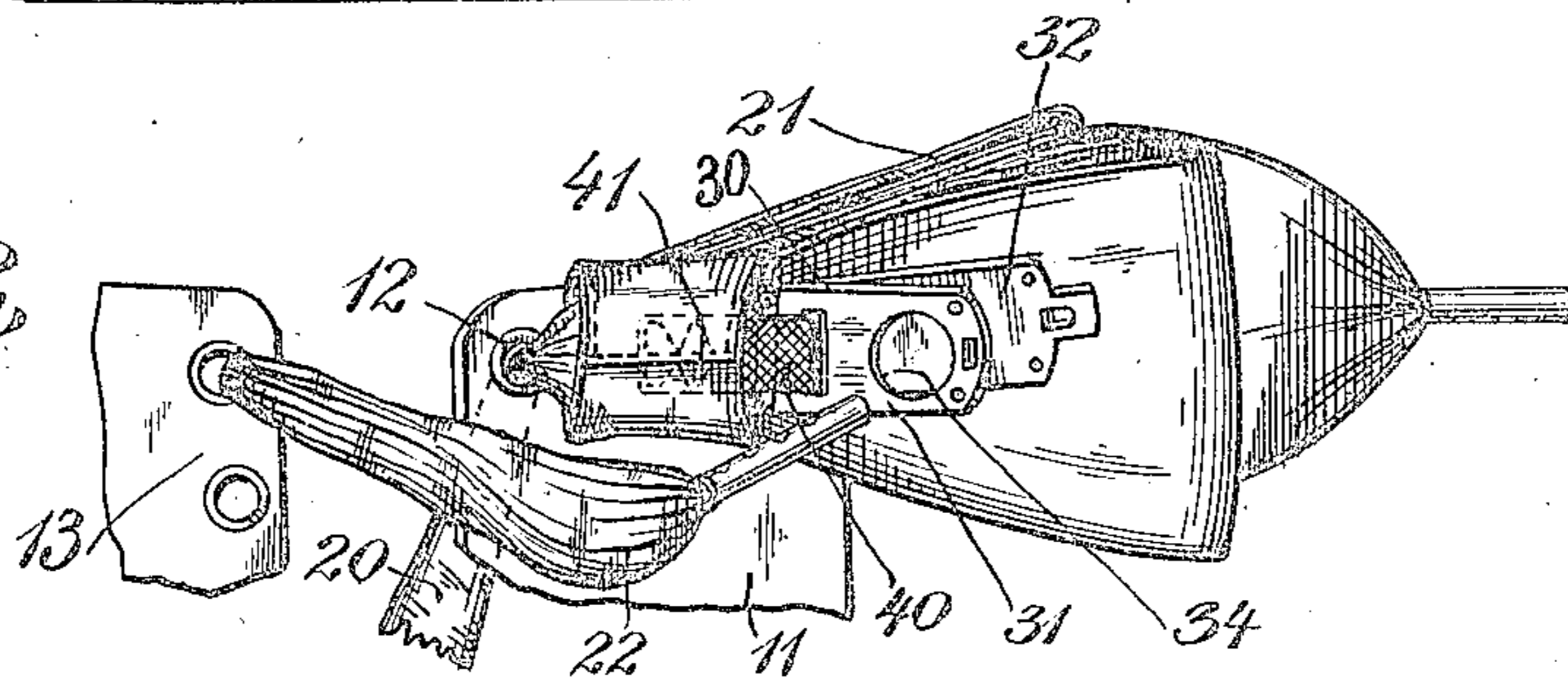


Fig. 3,

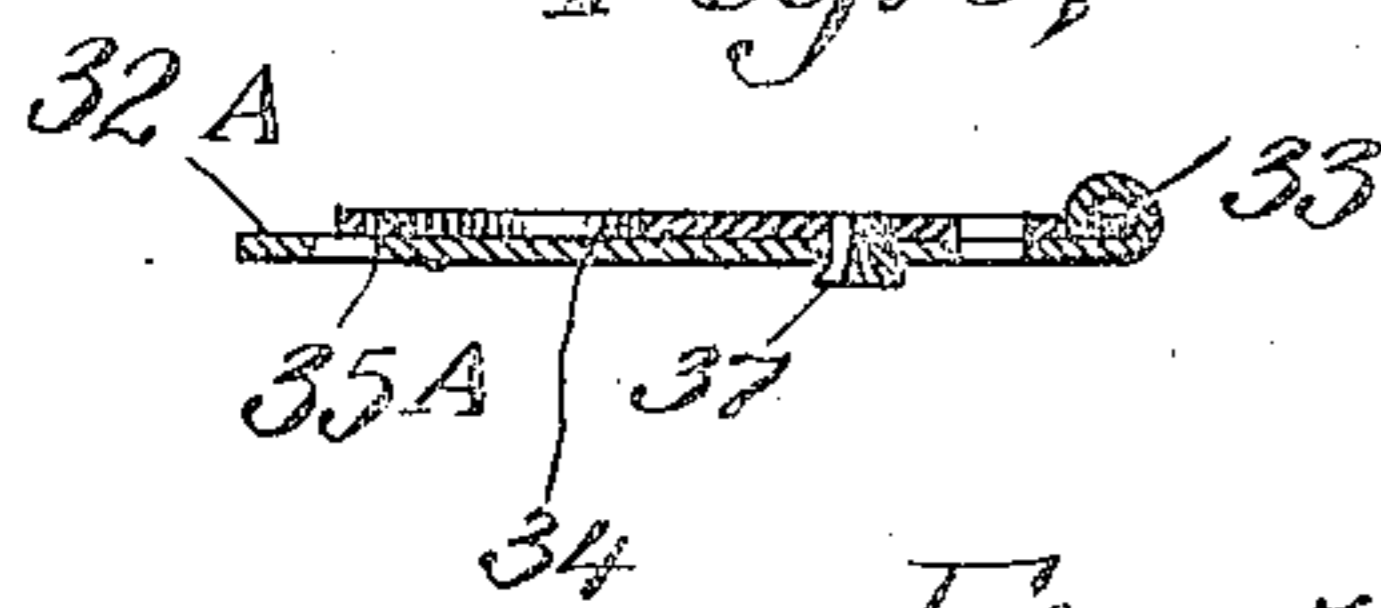


Fig. 4,

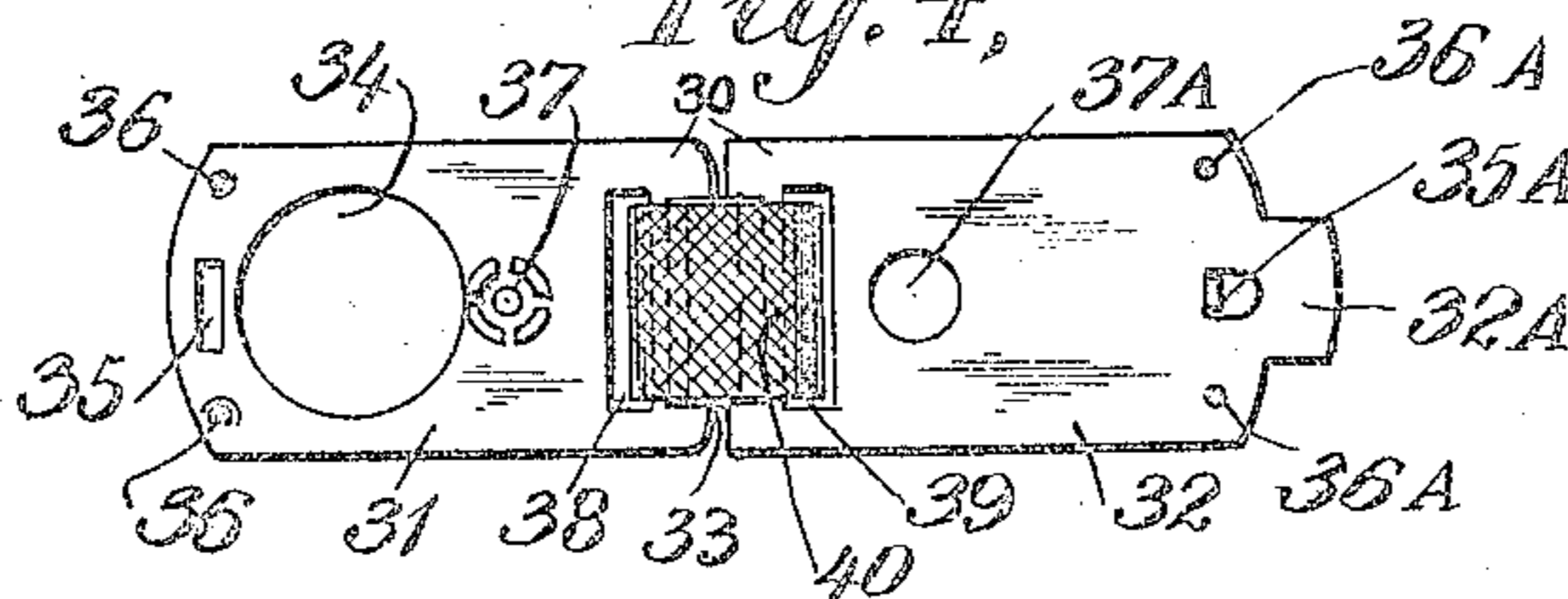
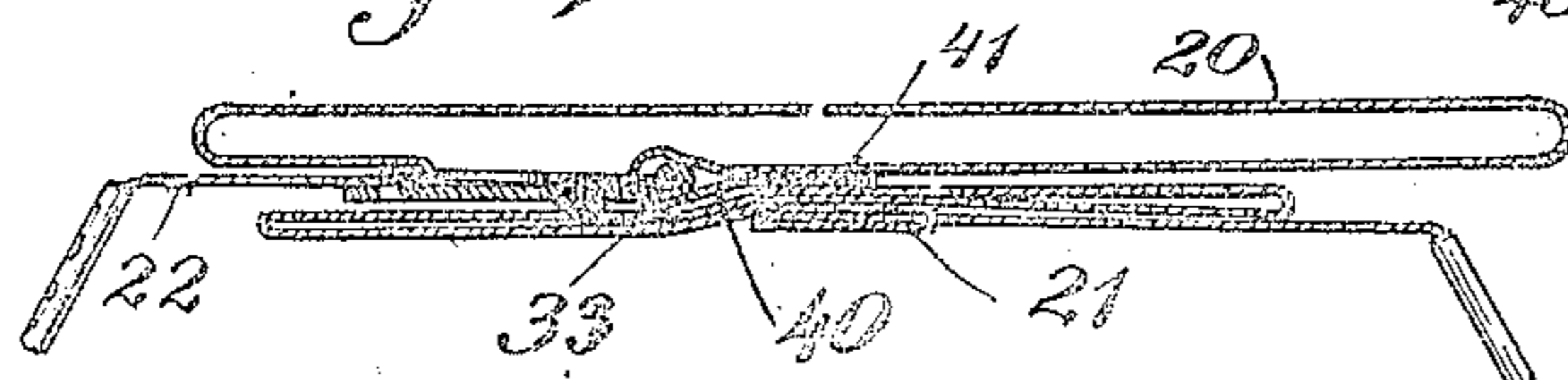


Fig. 5,



WITNESSES:

Grover C. Bussell  
Attorney

INVENTOR

P. M. Chartres  
BY  
E. W. Marshall  
ATTORNEY

# UNITED STATES PATENT OFFICE.

PONSONBY M. CHARTRES, OF BATHBEACH, NEW YORK.

## SHOE-LACE AND FASTENER.

No. 875,152.

Specification of Letters Patent.

Patented Dec. 31, 1907.

Application filed June 28, 1907. Serial No. 381,231.

*To all whom it may concern:*

Be it known that I, PONSONBY M. CHARTRES, a citizen of the United States, and a resident of Bathbeach, in the county of Kings and State of New York, United States of America, have invented certain new and useful Improvements in Shoe-Laces and Fasteners, of which the following is a specification.

My invention relates to certain new and useful improvements in shoelaces and fasteners and its object is to provide a simple arrangement of parts by means of which a shoelace may be firmly secured in place without the necessity of tying a knot, and in so arranging the parts that the ornamental bow may be tied upon one end of the lace and be permanently fastened or secured together if desired.

My invention has further desirable characteristics which I will describe in the following specification and the novel features thereof I will point out in claims.

Referring to the drawings, Figure 1 is a front elevation of a shoe showing one of my shoelaces and fasteners applied thereto. Fig. 2 is a front elevation of the upper portion of a shoe with my invention applied thereto, the bow portion being turned back to illustrate the method in which this device is used. Fig. 3 is a sectional plan view of a fastener or clasp which I have designed as a part of my invention, the clasp in this figure being shown in its closed position. Fig. 4 is an elevation of my improved fastener shown in its open position. Fig. 5 is a diagrammatic sectional plan view of my shoelace and fastener with the free end of the lace secured to the stationary or bow end by means of the fastener.

Like characters of reference designate corresponding parts in all of the figures.

10 designates a shoe to which my invention is to be applied.

In the drawings I have illustrated a low shoe as this invention is especially applicable thereto, although it may be used with other styles of shoes.

The shoe illustrated in the drawings is supposed to be for the right foot.

11 designates the inner flap of the shoe in which are the lace-eyelets 12, and 13 designates the outer flap.

20 designates a shoelace of ordinary size, shape and construction. At one end of this

lace an ornamental bow 21 is made. This bow may remain permanently tied and may be permanently sewed together so that it will better hold its shape. 22 designates the other or free end of the lace.

30 is a fastener or clasp which I have designed to carry out my invention. This clasp comprises an inner member 31 and an outer member 32 which are pivoted together at 33. The inner member is provided with an opening 34 through which the free end of the lace is to be passed. It is also constructed with a rectangular opening 35. 36, 36 designate points projecting upward from the inner surface of this inner member at either side of the rectangular opening 35. At 37 a plurality of spring points similar to the male member of a glove fastener project from this same surface of the inner member.

38 and 39 designate slots in the inner and outer members respectively near the parts of these members at which they are pivoted together.

From the inner surface of the outer member a prong 35<sup>a</sup> projects which is arranged to fit into the rectangular opening 35. At the sides of this prong are depressions 36<sup>a</sup>, 36<sup>a</sup> into which the projecting points 36, 36 fit. 37<sup>a</sup> is a circular hole through which the points 37 may be sprung as is shown in Fig. 3 to hold the two parts of the clasp together in their closed position.

40 is a loop of elastic material by means of which the clasp 30 is attached to the inner portion of the bow 21 as is shown at 41 in Figs. 2 and 5.

In applying this device to a shoe, the free end 22 of the lace is passed through the upper eyelet of the inner flap 11 from the inside; thence it is passed down and through the lower eyelet of the outer flap 13 from the inside. It is then laced back and forth through all of the remaining eyelets and out through the upper eyelet on the outer flap. The shoe may then be placed upon the foot after which the lace may be tightened up. The ends of the lace are then in the positions shown in Fig. 2. The free end 22 is then passed through the opening 34 and the bow pulled down thereby into the position shown in Fig. 1 and the clasp closed by a pressure of the fingers. The projecting parts 36, 36 and 35<sup>a</sup> will then engage the lace and hold it firmly against slipping. The spring points 37 engaging with the edge of the opening 37<sup>a</sup>

will prevent the clasp from opening, and it will remain in this position until it is manually released.

To facilitate the opening of the fastener, a portion of its outer member 32 is carried out beyond the inner member as shown at 32<sup>A</sup>. By slipping the finger under this portion 32<sup>A</sup> the clasp may be easily opened after which the lace may be loosened.

10 I prefer to make the loop 40 of elastic material, as this prevents undue strain upon the lace and holds the flaps of the shoe together securely but allows a certain amount of resiliency which is pleasing to the wearer.

15 It may be seen that this device which I have invented is complete in itself and that it may be applied to any pair of lace-shoes without any change in the shoes, or without any clasps or attachments being fastened to  
20 the shoes.

What I claim is.—

1. The combination of a shoelace having a permanent ornamental bow on one end thereof, said bow being made up of an integral part of the shoelace, a fastener for the  
25 other end of the lace, and an elastic connec-

tion between the fastener and the end of the lace on which is the bow.

2. The combination of a shoelace, having a permanent ornamental bow on one end thereof a fastener therefor, said fastener comprising one member through which the free end of the lace is adapted to pass and another member pivoted to the first member, and a connection between the fastener and  
35 the end of the shoelace on which is the bow.

3. The combination of a shoelace having an ornamental bow on one end thereof, said bow being made up of an integral part of the shoelace, comprising a pair of members piv-  
40 oted together and arranged to clasp the free end of the lace, and an elastic loop connecting the pivoted portion of the fastener with the end of the shoelace on which is the bow.

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

PONSONBY M. CHARTRES.

Witnesses:

E. W. MARSHALL,  
ELLA TUCH.