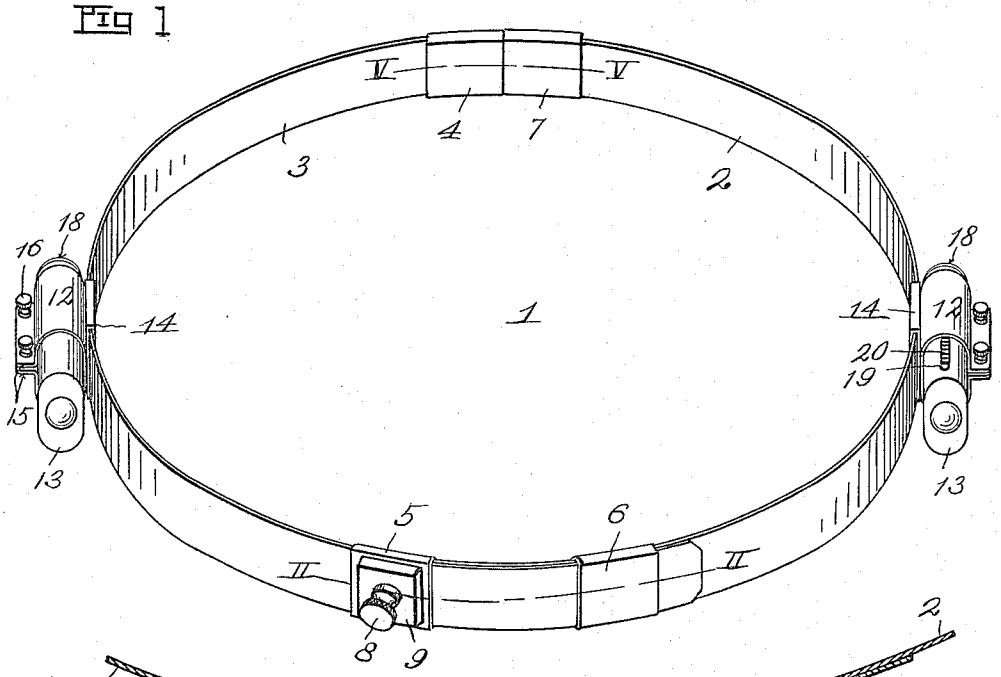
J. F. SPALDING.

COLLAPSIBLE DUPLEX FLASH LIGHT BELT.

APPLICATION FILED APR. 17, 1915.

1,155,377. Patented Oct. 5, 1915.

Fig 1



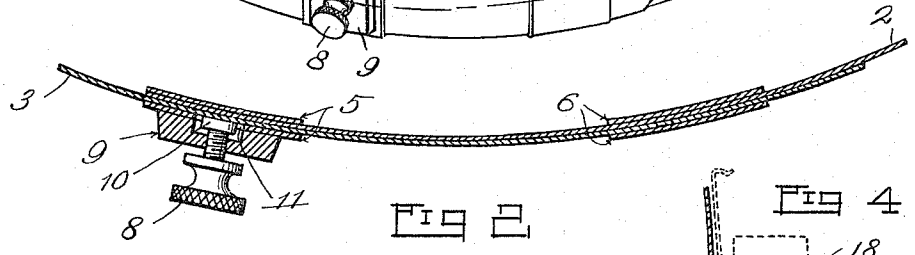


Fig 2

Fig 3

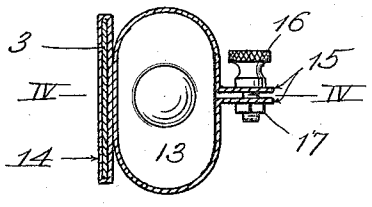
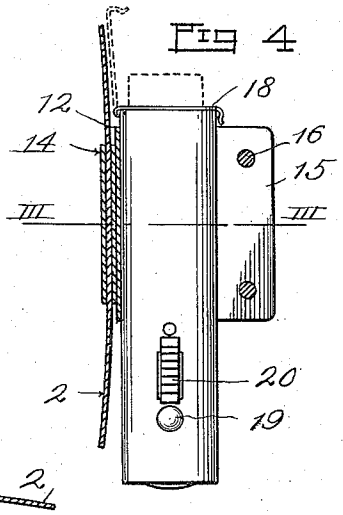


Fig 4



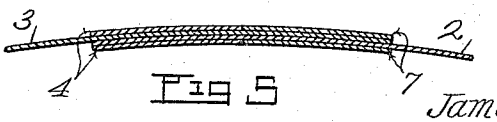


Fig 5

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COLLAPSIBLE DUPLEX-FLASH-LIGHT BELT.

1,155,377. Specification of Letters Patent. Patented Oct. 5, 1915.

Application filed April 17, 1915. Serial No. 22,073.

To all whom it may concern:

Be it known that I, JAMES F. SPALDING, a citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented certain new and useful Improvements in Collapsible Duplex-Flash-Light Belts, of which the following is a specification.

My invention relates to an illuminating belt, and while susceptible of general use is of especial advantage to firemen, night watchmen, miners and others having occasion to enter dark places where a light is necessary.

The invention may also be used to advantage by persons fleeing from burning buildings at night, and by sewer inspectors and others who require a safety light which will not ignite explosive gases.

A further advantage of the device resides in the fact that its lights are carried by the belt, thus leaving both hands of the wearer free to carry other things if desired.

In order that the invention may be fully understood, reference will now be made to the accompanying drawing, in which:

Figure 1 is a perspective view of the device ready for use. Fig. 2 is a broken horizontal section, enlarged, on line II—II of Fig. 1. Fig. 3 is a cross section on line III—III of Fig. 4. Fig. 4 is a horizontal section on line IV—IV of Fig. 3. Fig. 5 is a broken horizontal section on line V—V of Fig. 1.

In carrying out the invention, I employ an adjustable metallic belt 1 made in two sections 2 and 3. Section 2 is provided at its rear and front ends with fixed loops 4 and 5, respectively. It is also provided at its front side adjacent the loop 5 with a fixed loop 6, for a purpose which will hereinafter appear.

Section 3 is adapted to slide in loops 4, 5, and 6, to adjust the belt circumferentially and is provided at its rear end with a loop 7 adapted to contact the loop 4 and limit the enlargement of the belt 1 circumferentially. In order to reduce the diameter of the belt 1 the loops 4 and 7 which have a tight fit on the sections are slid apart upon the sections 3 and 2, respectively, and are held at any point of their adjustment by frictional engagement with said sections. From the foregoing it will be readily understood that the belt 1 may be adjusted to fit wearers of different sizes.

The free end of the section 3, in addition to being slidable in the loops 5 and 6, is removable from said loops, so that the belt can be readily put on or taken off. When the free end of the section 3 is placed through the loops 5 and 6 it may be held at any point of its adjustment by a thumb screw 8 threaded into a nut 9 fixed upon the loop 5.

The inner end of the thumb screw 8 is provided with a head 10, to prevent its withdrawal from the nut 9. When the thumb screw 8 is screwed inward the head 10 passes through an opening 11 in the adjacent side of the loop 5 and engaging the adjacent portion of the section 3 forces the same firmly against the adjacent portion of the section 2, as disclosed by Fig. 2. The free end of the section 3 is held against the adjacent portion of the section 2 by the loop 6, so that it will not accidentally catch obstructions while the belt 1 is being worn.

12 designates a pair of resilient holders for holding electric flash lights 13 at opposite sides of the belt 1. The holders 12 are fixed to loops 14, slidable on the respective sections 2 and 3, so that the flash lights may be adjusted in parallel relation to each other and cast their rays of light directly in front of the wearer instead of to one side. Each holder 12 is split at its outer longitudinal side and has its two longitudinal margins 15 bent at right angles thereto, as disclosed by Fig. 3. The margins 15 are provided with thumb screws 16, which extend therethrough and engage nuts 17 on the under margins 15.

By tightening up the thumb screws 16 the holder 12 is made to firmly grip its respective flash light 13. The holder 12 is so proportioned that the hinged lid 18 of the flash light case may be thrown to open position, as disclosed by dotted lines Fig. 4, when the flash light battery is to be renewed. The holder 12 is also proportioned to leave free access to the push-button 19 whereby the circuit of the flash light is controlled. Access is also had to the sliding cam 20, whereby the push-button 19 may be depressed and held in depressed position as long as desired.

From the foregoing description, it is apparent that I have produced a convenient device whereby the path of the wearer may be illuminated at will and which will leave both hands of the wearer free, and while I have shown and described the preferred

form of my invention, I reserve the right to make such changes in the construction, proportions, and combination of parts as properly fall within the spirit and scope of the claim.

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

In a belt, a pair of semi-circular metallic members each having a source of light connected thereto, end loops fixed on one of the semi-circular members, another fixed loop arranged on said specified member to the rear of and adjacent one of the end loops thereof, a thumb screw borne by one of said end loops and having a head on its inner end, the other semi-circular member having its ends passed through the respective aforementioned loops, and a loop fixed on an end of the second named member and receiving the adjacent end portion of the first named member and adapted to abut the loop at said adjacent end of the first named member, said head of the screw being adapted to engage the second named member.

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

JAMES F. SPALDING.

Witnesses:
F. G. FISCHER,
L. J. FISCHER.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."