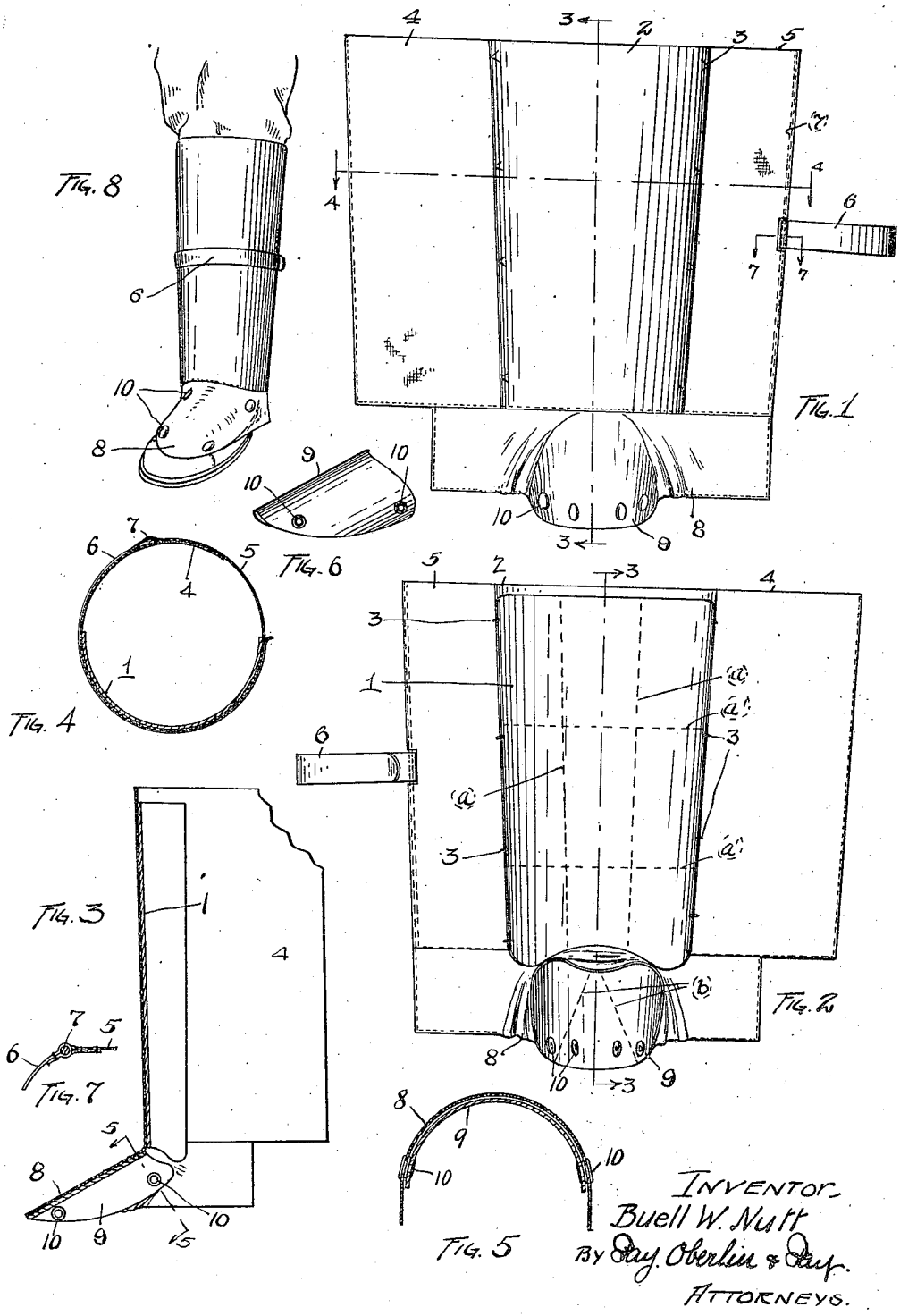
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LEGGING.

APPLICATION FILED DEC. 11, 1919.

1,426,593.

Patented Aug. 22, 1922.



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LEGGING.

1,426,593. Specification of Letters Patent. Patented Aug. 22, 1922.

Application filed December 11, 1919. Serial No. 344,049.

To all whom it may concern:

Be it known that I, BUELL W. NUTT, a citizen of the United States, and a resident of Cleveland, county of Cuyahoga, and State of Ohio, have invented a new and useful Improvement in Leggings, of which the following is a specification, the principle of the invention being herein explained and the best mode in which I have contemplated applying that principle, so as to distinguish it from other inventions.

The object of the present invention is to provide a legging, more especially for industrial use, i. e. one intended to be worn as a protection for the limbs of workmen in shops such as foundries and the like, where hot metal as well as weighty objects require to be handled. A further object of the invention is to provide a legging of this kind which will be relatively simple and inexpensive in construction, and yet afford ample protection not only for the operative's leg, but also for his foot, and yet not interfere materially with his freedom of movement.

To the accomplishment of the foregoing and related ends, the invention, then, consists of the means hereinafter fully described and particularly pointed out in the claims, the annexed drawing and the following description setting forth in detail certain structure embodying the invention, such disclosed means constituting, however, but one of various constructive forms in which the principle of the invention may be used.

In said annexed drawing:—

Fig. 1 is a front elevational view of my improved legging in open condition; Fig. 2 is an inside elevational view of the same; Fig. 3 is a vertical central section taken on the plane indicated by the line 3—3, Figs. 1 and 2; Fig. 4 is a cross-section taken on the plane indicated by the line 4—4, Fig. 1, but with the legging closed; Fig. 5 is a cross-section taken on the plane indicated by the line 5—5, Fig. 3; Fig. 6 is a perspective view of a detail entering into the construction of the toe-extension of the legging; Fig. 7 is a section of a detail taken on the plane indicated by the line 7—7, Fig. 1; and Fig. 8 is a perspective view of the legging as applied to the wearer's leg.

The main body of the legging consists of a longitudinally slit more or less cylindrical section 1 of solid resistant material, such as fibre-board or light sheet-metal, so formed and of proper dimensions as to comfortably fit around the front half of the wearer's leg, extending from just below the knee to above the instep. This section 1 is provided with a cloth covering or equivalent flexible material 2 suitably secured thereto, as by fasteners 3 along the respective edges of the section, such covering extending laterally beyond the edges in question to provide flaps 4 and 5 which are adapted to fall over each other when the legging is worn, flap 4 lying inside of flap 5 as shown in Fig. 4. In order to secure these flaps, and thus the legging as a whole, in place when the legging is applied, a spring clip 6 is hingedly attached to the free edge of such outer flap 5, preferably by means of a rod 7 that is held in a hem with which such edges form, said clip being of sufficient extent to encompass something more than half of the legging when in position on the wearer, as shown in Figs. 4 and 8.

In addition to the lateral extensions which form flaps 4 and 5, the cloth covering 2 is provided with a horizontal extension 8 at its lower end that substantially covers the top and sides of the wearer's foot. This section is preferably reinforced by means of a solid resistant member 9 constructed of material similar to that of which member 1 is constructed, but detachably secured to the extension by means of spring fasteners 10, so that at his option the wearer may dispense with such extension. Whether such reinforcing member 9 be utilized or not, the extension will obviously be flexible about its point of union with the main portion of the legging so as not to interfere in the slightest with the movement of the wearer's foot, and for those operations in which the foot does not require protection against heavy weights, but only for example from spattered metal or sparks, the cloth extension alone will be sufficient, while if further protection is desired the reinforcement can be readily affixed.

It will be understood that the cloth or other fabric which forms the outer covering of the legging, as well as the flaps 4 and 5, and such extension 8, will be suitably fireproofed or formed of fireproof material, so as to be a protection against both molten

metal and flying sparks. At the same time the solid resistant member in the main portion of the legging, as well as that in the toe-extension, affords adequate protection against blows, and so the legging as a whole affords complete protection for the wearer against the majority of accidents which happen in foundries and other similar places of employment.

It will also be understood that when I refer herein to the members 1 and 9 as made of solid, resistant material, it is not meant to imply that they necessarily consist of a single integral piece as shown in the drawings. On the contrary, either or both thereof may be composed of a plurality of pieces. Thus, for example, said member 1 may be divided either transversely as indicated by lines *a*, or vertically as indicated by lines *a'*, while member 9 may be formed of complementary sections as shown by lines *b*, on Fig. 2.

Other modes of applying the principle of my invention may be employed instead of the one explained, change being made as regards the construction herein disclosed, provided the means stated by any of the following claims or the equivalent of such stated means be employed.

I therefore particularly point out and distinctly claim as my invention:—

1. A legging comprising a longitudinally slit portion of solid resistant material adapted to fit about the leg of the wearer, a single cloth covering overlying such solid resistant material and extending beyond the slit therein in the form of flaps adapted to fold over each other, a rod secured to the lateral edge of the outer of such flaps, and a spring clip hingedly attached at one end to such rod and adapted to encircle such legging to hold the same in place.

2. A legging comprising a longitudinally slit cylindrical portion of fire and impact resistant construction adapted to fit about the leg of the wearer, flaps of fire resistant flexible material attached to each side of the slit in such portion adapted to fold over each other, a spring clip attached to the outer of such flaps and adapted to encircle the legging and hold the same in place, and a flexible fire resistant horizontal extension attached to the lower end of said portion and adapted to overlie the wearer's foot.

3. A legging comprising a longitudinally slit cylindrical portion of solid resistant material adapted to fit about the leg of the wearer, a fire resistant cloth covering overlying such solid resistant material and extending beyond the slit therein in the form of flaps adapted to fold over each other, a spring clip attached to the outer of such flaps and adapted to encircle the legging and hold the same in place, a horizontal extension to the lower end of such cloth covering, and a solid resistant member detachably secured to the inner face of such extension.

Signed by me, this 10th day of December, 1919.

BUELL W. NUTT.