

(No Model.)

G. E. SCHELLINGER.

SUSPENDERS.

No. 306,963.

Patented Oct. 21, 1884.

Fig. 1.

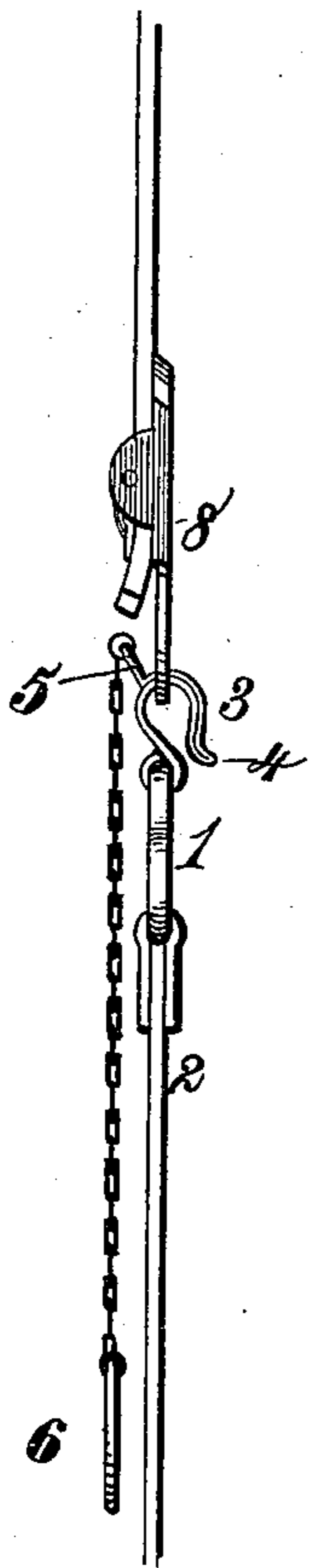


Fig. 2.

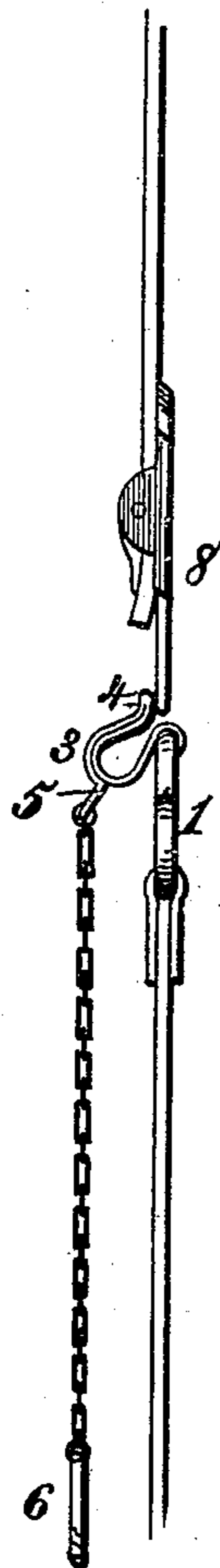


Fig. 3.

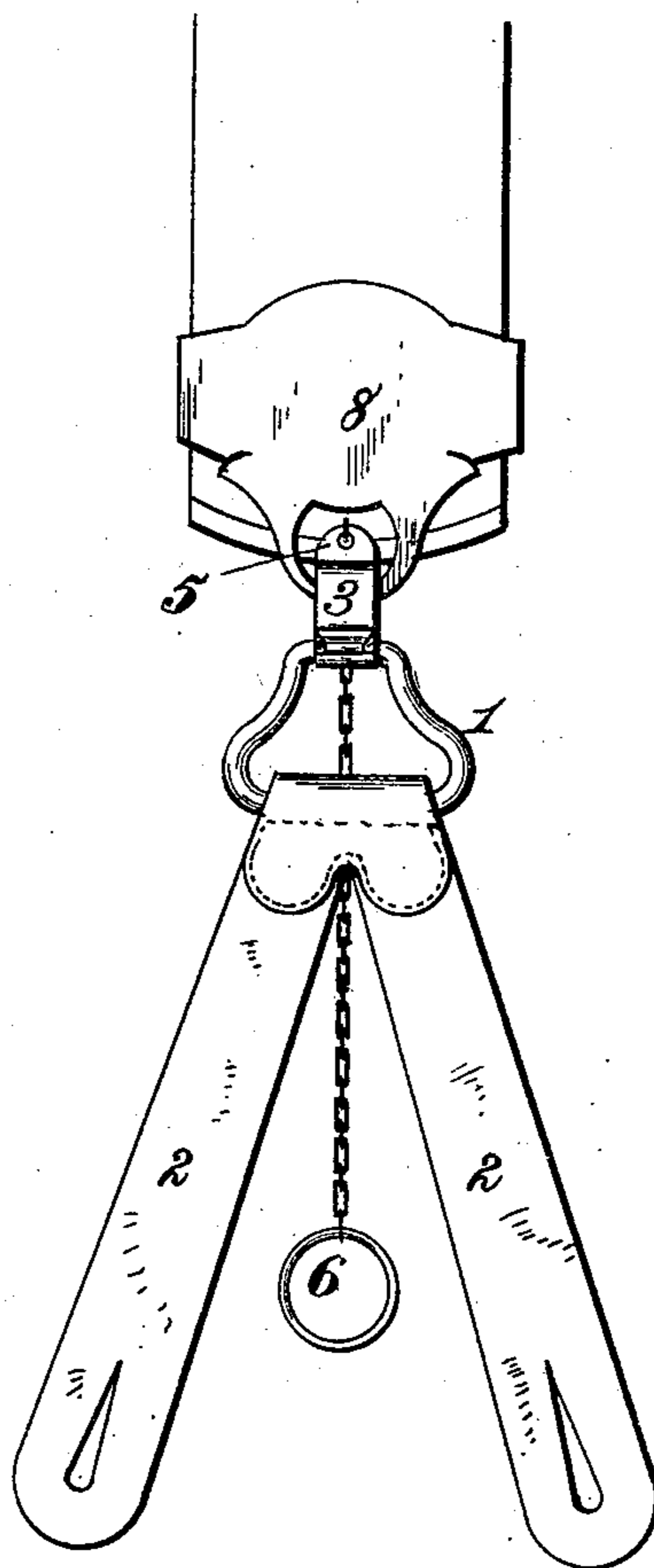
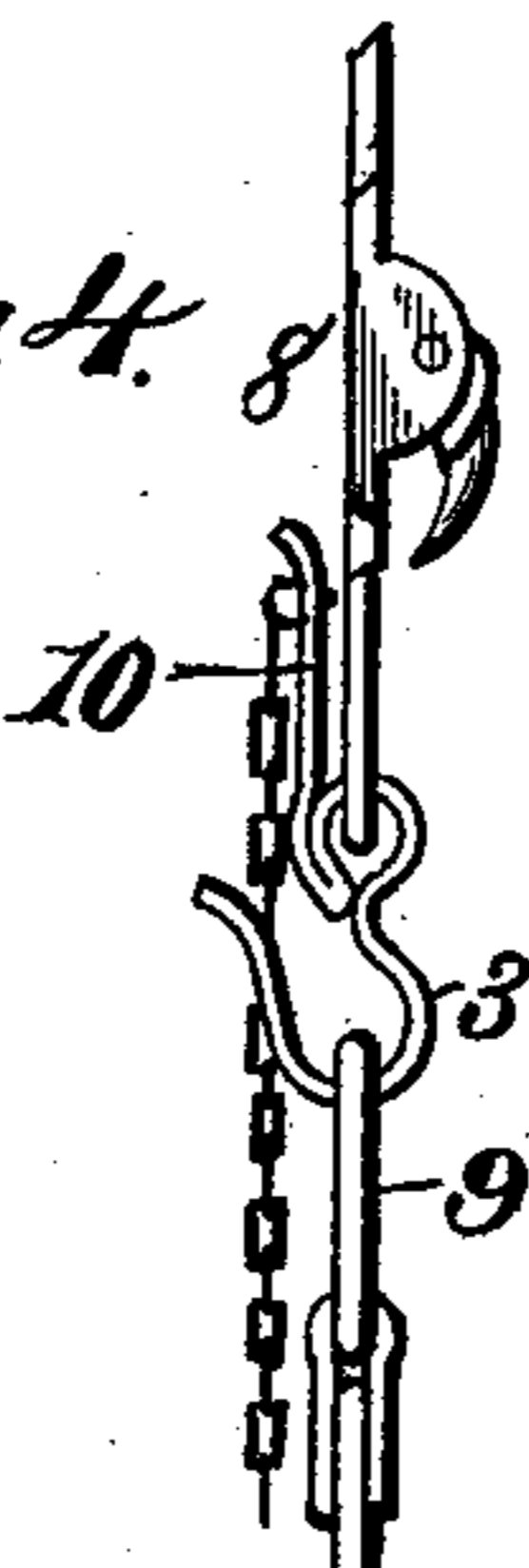


Fig. 4.



Witnesses.

Robert Everett.

Jo. L. Coombs

Inventor.

George E. Schellinger.

By James L. Norris.

Atty.

UNITED STATES PATENT OFFICE.

GEORGE E. SCHELLINGER, OF DERBY, ASSIGNOR TO THE OSBORNE & CHEESMAN COMPANY, OF ANSONIA, CONNECTICUT.

SUSPENDERS.

SPECIFICATION forming part of Letters Patent No. 306,963, dated October 21, 1884.

Application filed July 28, 1884. (No model.)

To all whom it may concern:

Be it known that I, GEORGE E. SCHELLINGER, a citizen of the United States, residing at Derby, New Haven county, Connecticut, have
5 invented new and useful Improvements in Suspenders, of which the following is a specification.

My invention relates to that class of suspenders in which the suspender-ends are
10 made detachable from the buckle-loop, in order to cast off the latter and avoid the necessity of detaching the four ends from their buttons.

The object of my invention is to provide
15 novel, economical, and efficient means for permitting the convenient engagement and disengagement of a suspender-buckle and the loop or other device to which the suspender-ends are connected. This I accomplish in the
20 manner and by the devices hereinafter described and claimed, reference being made to the accompanying drawings, illustrating my invention, in which—

Figure 1 is a side elevation showing the
25 cast-off attached to the buckle-loop. Fig. 2 is a similar view showing the hook inverted and the suspender-ends detached. Fig. 3 is a front elevation showing the form of the loop. Fig. 4 is a view showing a modification.

30 In the said drawings, the reference-numeral 1 denotes the loop to which the suspender-ends 2 are attached. This loop may be made of wire and in the form shown in Fig. 3; but it will be seen that this specified shape may
35 be widely varied and the loop made of any suitable form and material without departing from my invention.

Upon the upper side of the loop 1 is hinged a hook, 3, in such manner that the latter may
40 turn readily, said hook having a point, 4, which is bent inward toward the hinge far enough so that the buckle-loop, when placed therein, will spring the point 4 slightly outward in passing, whereby the parts are pre-
45 vented from accidental detachment when the tension upon the suspender is relieved.

Upon the top of the hook 3 is formed a lug, 5, placed a little in rear of the center of the

bearing portion of the hook. This lug is perforated, and has a chain, cord, or equivalent
50 device attached thereto and hanging down behind the loop 1, said chain being provided with a ring, 6, upon its lower end, to afford a convenient grasp for the finger.

In use, the buckle-loop being connected
55 with the hook, as shown in Fig. 1, when it is desired to cast off the suspender-ends, the finger is placed in the ring 6 and the chain is drawn downward. This instantly inverts the hook 3, bringing it into the position shown
60 in Fig. 2, allowing the buckle-loop to slip through the opening of the hook, the ordinary tension upon the suspender being sufficient to effect this detachment and overcome the elasticity of the point 4.
65

The hook and lug may be conveniently constructed by bending the metal of which the former is composed back upon itself and curving its extremity upward to form the lug 5; but I do not confine myself to this form of
70 construction, as the several parts may be formed in any suitable manner and of any desired form within the limits of my invention.

It is evident that instead of placing the
75 hook 3 at the upper part of the loop 1, which holds the suspender-ends, it might be hinged upon the lower side of the suspender-buckle 8, in which case the ring or loop 9, carrying the suspender-ends, would engage with said
80 hook instead of the buckle-loop, as above described.

Instead of the lug 5, mounted upon the back of the hook, an arm, 10, may be extended above the hinge and a chain attached to said arm, by
85 drawing upon which the hook will be inverted and the suspender-ends cast off. This arrangement, being substantially a reversal in the position of the parts, is clearly within the scope of my invention.
90

Having thus described my invention, what I claim is—

1. The combination of a suspender-buckle, a loop or other device for the suspender-ends, a hook hinged upon one of the parts, and a
95 chain or cord connected with the hook to

swing and disengage it from the other part, substantially as described.

2. The combination of a suspender-buckle, a loop for the suspender-ends, and a hook
5 hinged to one of the parts for engaging and disengaging the other part, and provided with a detaching device, substantially as described.

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

GEORGE E. SCHELLINGER.

Witnesses:

WILBUR F. OSBORNE,
S. EMORY T. HARDING.