

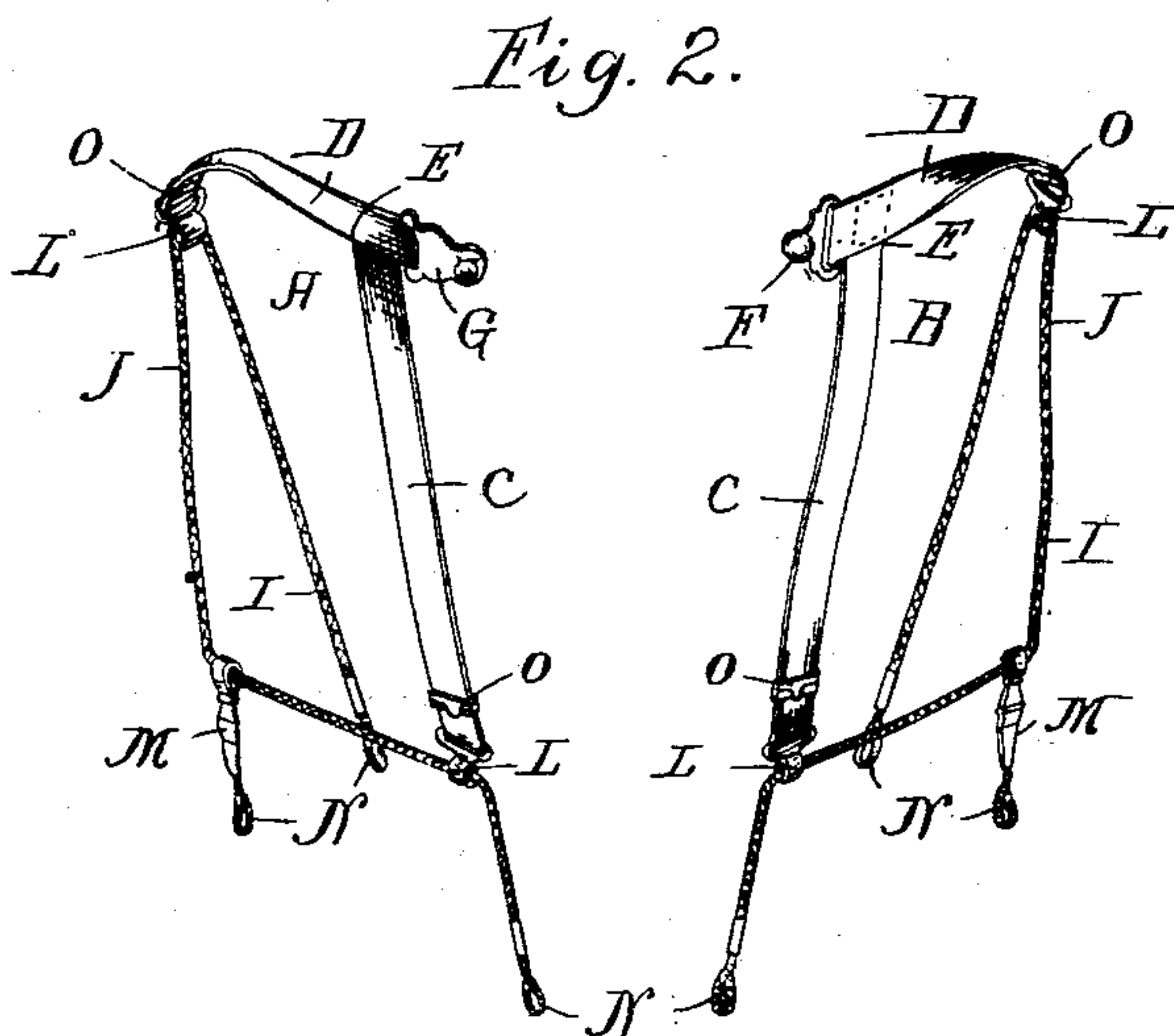
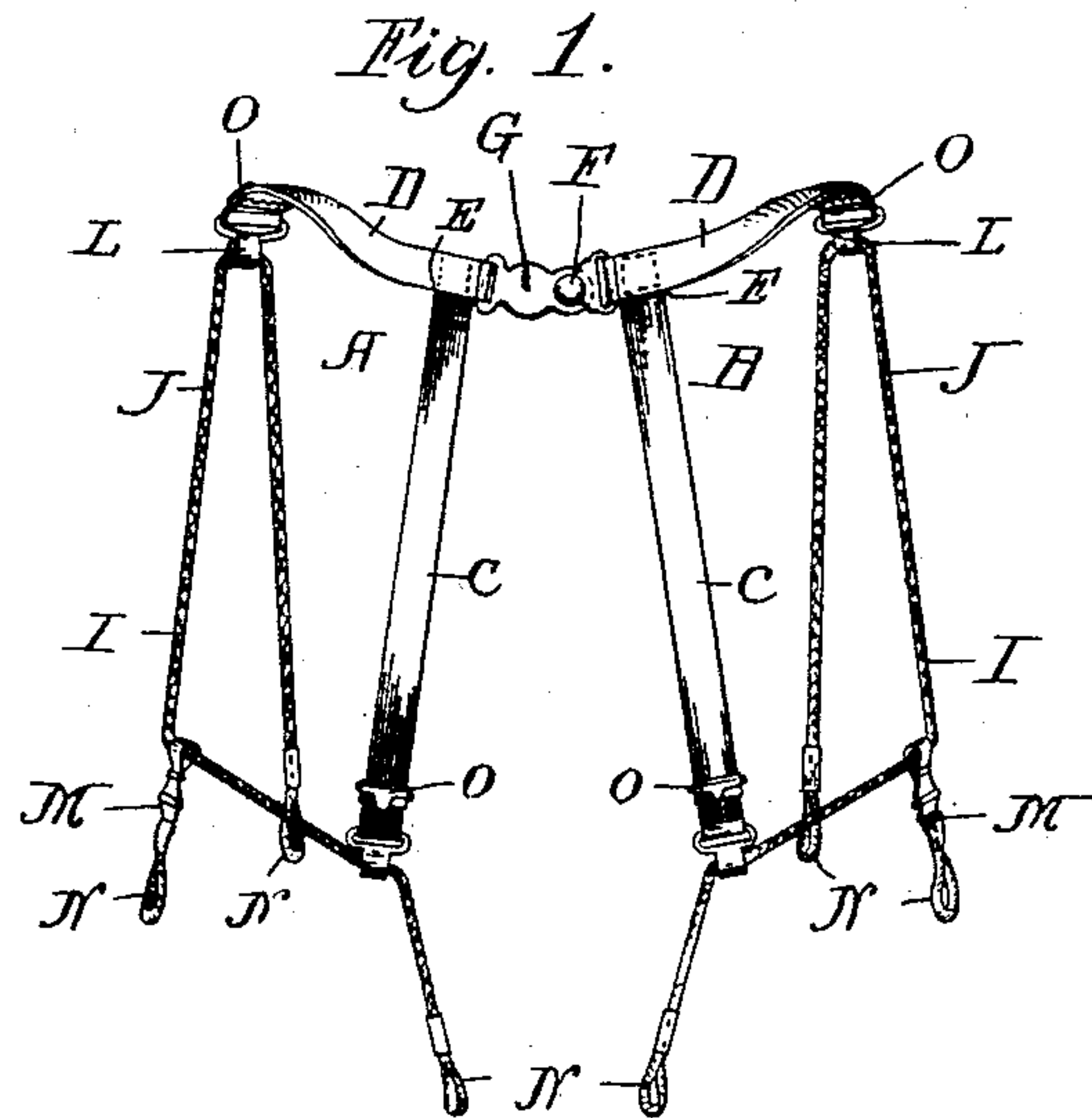
No. 702,902.

Patented June 17, 1902.

E. G. MELLE.
SUSPENDERS.

(Application filed Mar. 22, 1901.)

(No Model.)



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UNITED STATES PATENT OFFICE.

EDWIN G. MELLEME, OF ST. PAUL, MINNESOTA.

SUSPENDERS.

SPECIFICATION forming part of Letters Patent No. 702,902, dated June 17, 1902.

Application filed March 22, 1901. Serial No. 52,398. (No model.)

To all whom it may concern:

Be it known that I, EDWIN G. MELLEME, a citizen of the United States, residing at St. Paul, in the county of Ramsey and State of Minnesota, have invented new and useful Improvements in Suspenders, of which the following is a specification.

My invention relates to improvements in suspenders, and has for its object the production of a suspender which will allow greater freedom to the body and which may be easily and quickly adjusted or detached.

Other objects are cheapness of construction, together with reduction of friction and wear between the working parts of the suspender, also more even distribution of the weight supported by the suspender upon the body. With my suspenders the weight of the garment supported tends to hold the shoulders erect.

As compared with the prior art, my invention is free from transverse straps or tackle across the spinal column. Such straps or tackle do not equalize the support of the garment when the body is moved and tend to hamper the movement of the body. My invention tends to overcome these defects.

To the above ends my invention consists of a suspender constructed in two sections, which are removably connected near the back of the neck of the wearer when in use. Each section consists of two straps, one up the back and the other fastened to the upper end of the first and extending onto one shoulder. A running button-cord, looped up the front of the body to the free end of the shoulder-strap and connected to the lower end of the back-strap, is adapted to fasten the straps to the garment to be supported.

In the accompanying drawings, forming part of this specification, Figure 1 is a perspective view of my improved suspender with the parts shown connected. Fig. 2 is a similar view showing the sections disconnected ready to be removed from the body.

A and B represent the two sections or sets of supporting-straps of my improved suspender. Each section consists of the vertical strap or web C and the shoulder-strap D, which are joined together at substantially right angles at E. The right and left sections A and

B have a separable connection formed by the spring-head F and keeper G, which are respectively attached near the angles E to the straps C and D. This connection may be a spring-button, as shown in the drawings, and is the place of separation of the sections or sides of the suspenders. When in use, the vertical straps extend up the back of the wearer and the straps D around the back of the neck and onto the shoulders.

For the purpose of illustrating and claiming my invention the sections A and B may be described as containing a single transverse strap from the top of the shoulders across the back of the neck and a connection F and G, by which said strap is separable near its center instead of a pair of shoulder-straps joined near the center of the back of the neck and passing onto the shoulders. The free ends of the shoulder-straps do not pass over the shoulders, as with suspenders now in use. These sections attach at their angles by means of the separable connection near the back of the neck of the wearer. The running-cords I in each section are looped up at J and pass freely through the eyelets L on the free ends of the shoulder and back straps. The tabs M are freely disposed on the cords I between the ends of the back and shoulder straps. The ends of each cord and the lower end of each tab are provided with the button-loops N, by which the cord may be buttoned to the garment. In use when it is desired to loosen the suspenders from the body the sections may be disconnected by means of the spring-button, as shown in Fig. 2, and slipped off from the shoulders. The back-straps and shoulder-straps may be lengthened or shortened by adjusting the buckles O, which are of ordinary construction.

Having described my invention, what I claim as new, and desire to protect by Letters Patent, is—

1. A suspender consisting of two separable sections having means for connecting said sections at the back of the neck of the wearer, a pair of straps extending down the back one on each side of the spinal column, a second pair joined to the first pair near the center of the back of the neck and passing onto the shoulders, and means for attaching the free

ends of said straps to the garment to be supported consisting of two entirely separate running-cords, one on each separable section.

2. In combination a pair of straps or webs
5 extending up the back of the wearer, eyelets
at the lower ends of said straps; a second
pair of straps or webs extending onto the
shoulders from the back of the neck and at-
tached to the upper ends of said back-straps;
10 a spring-button by which the right and left
sides of the suspender are separately con-
nected behind and at the lower end of the
neck of the wearer; eyelets upon the free
ends of said shoulder-straps; separate cords,
15 one passing through the eyelets of the group
of straps on each side of the place of separa-
tion of said right and left sides and having
button-loops on their ends, and a button-tab
connected to each cord between the ends of
20 the straps on each side of said place of separation.

3. A suspender consisting of a strap which
extends from the back of the neck to the top
of each shoulder, a pair of straps down the
25 back, disposed substantially at right angles
close to said shoulder-straps, a separable con-
nection interposed substantially midway be-
tween the ends of said shoulder-straps, eye-
lets at the four free ends of said straps, a
30 separate running-cord passing through the
eyelets on each side of the place of separa-
tion and a button-tab slidingly disposed upon
said cord between the free ends of each pair
of side straps.

35 4. A suspender consisting of a strap pass-
ing around the back of the neck of the wearer
and having its ends projecting one on each
shoulder; a separable connection inserted
midway between the ends of said strap; back-
40 straps attached one to each section of said
shoulder-strap adjoining said separable con-
nection; each side of the suspender having
an entirely separate running-cord connection
with the garment to be supported.

45 5. In combination, a transverse strap or web
from the top of the shoulders across the back
of the neck; a connection by which said strap
is separable at its center; a pair of straps
down the back one on each side of the spinal
50 column, said back-straps being attached to
said first strap at substantially right angles
near the center of said first strap; eyelets at
the four free ends of said straps, an entirely
separate cord looped through the eyelets on
55 each side of the place of separation, with an

intermediate button-tab freely disposed on
each cord.

6. A suspender consisting of a pair of straps
or webs extending up the back of the wearer,
a second pair of straps or webs extending 60
onto the shoulders and joined to said first pair
at substantially right angles, a separable con-
nection attached near the angles to said pairs
of straps by which the right and left sides of
the suspender are separably connected be- 65
hind and at the lower end of the neck of the
wearer, eyelets upon the free ends of said
shoulder and back straps, buckles on said
shoulder and back straps for adjusting the
length of the straps, separate cords freely dis- 70
posed through the eyelets of each pair of
shoulder and back straps and having button-
loops on their ends, and a button-tab freely
disposed on each cord on each side of the
place of separation. 75

7. A suspender consisting in combination
of two separable sections joined together by a
separable connection behind and at the lower
end of the neck of the wearer, each separate 80
section consisting of a substantially-vertical
back-strap, a shoulder-strap joined to said
back-strap near said separable connection at
substantially right angles, eyelets on the free
ends of said back and shoulder straps, a run-
85 ning-cord passing through said eyelets and
having button-loops on its ends, one of which
is adapted to attach to one of the buttons at
the back on the garment to be supported, and
a button-tab connected to said cord between
the free ends of said shoulder and back straps. 90

8. In combination, a transverse strap or web
from the top of the shoulders across the back
of the neck, a spring-button by which said
strap is separable at its center, a pair of straps
down the back attached one on each side of 95
said spring-button to said first strap, eyelets
at the four free ends of said straps, buckles
by which said straps are adjustable in length,
an entirely separate cord freely disposed
through said eyelets on each side of the place 100
of separation, having means for attaching the
same to the garment to be supported.

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

EDWIN G. MELLEM.

Witnesses:

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F. C. LISTOE.