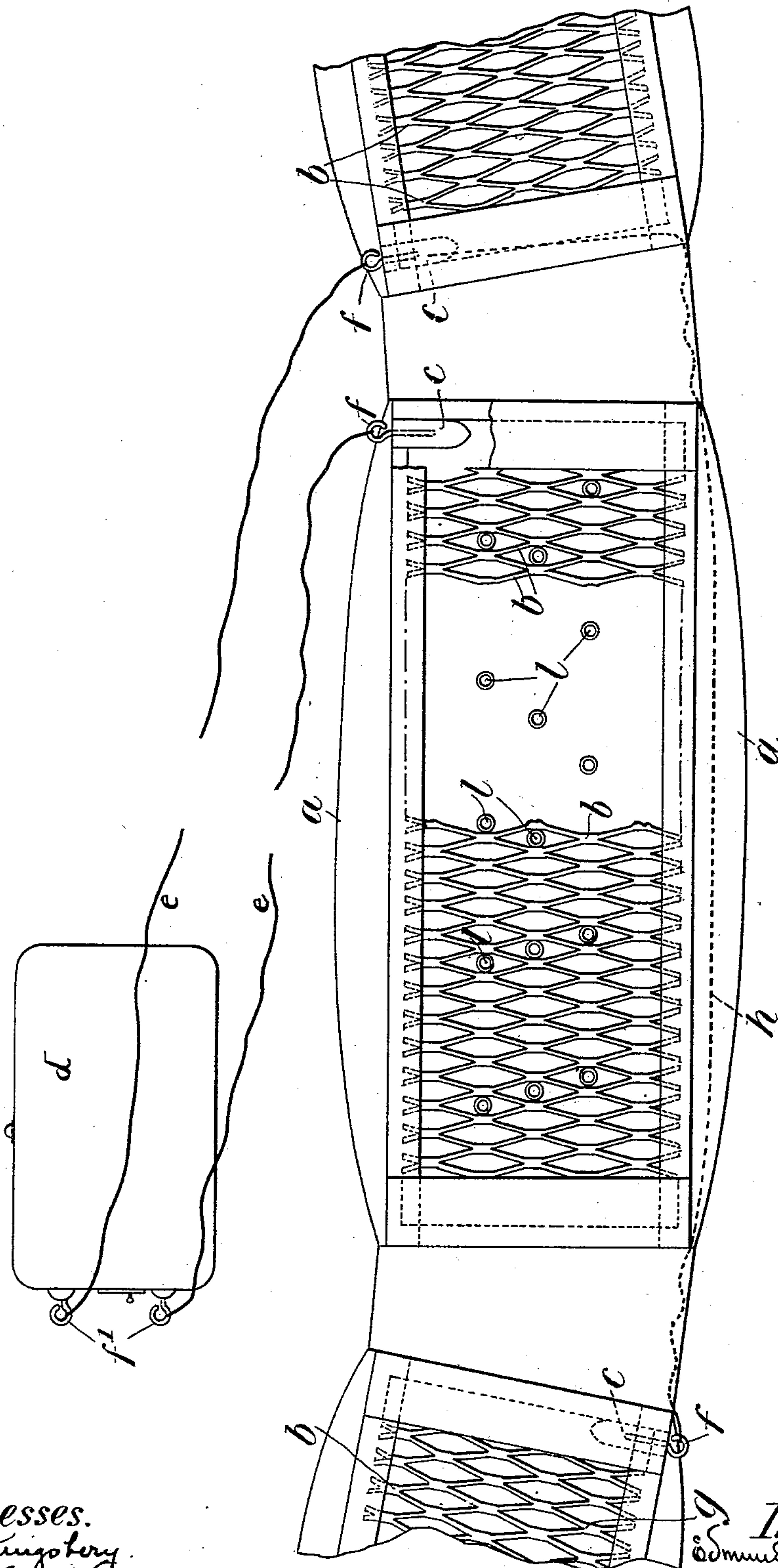


(No Model.)

E. S. COLLICOTT.
ELECTRODE FOR GALVANIC BELTS.

No. 563,016.

Patented June 30, 1896.



Witnesses.
J. D. Kingberry.
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UNITED STATES PATENT OFFICE

EDMUND SPENCER COLLICOTT, OF LONDON, ENGLAND.

ELECTRODE FOR GALVANIC BELTS.

SPECIFICATION forming part of Letters Patent No. 563,016, dated June 30, 1896.

Application filed May 18, 1896. Serial No. 591,963. (No model.)

To all whom it may concern:

Be it known that I, EDMUND SPENCER COL-
LICOTT, a subject of the Queen of Great
Britain, residing at London, England, have
5 invented new and useful Improvements in
and Connected with Electric Belts and Like
Appliances to be Worn Next the Skin, of
which the following is a specification.

This invention relates to an improved ap-
10 pliance designed to be attached to a body-
belt or other article of wearing-apparel for
the purpose of causing a current of electricity
to pass through a portion of the body.

According to my invention I provide the
15 belt or other article of wearing-apparel with
thin reticulated sheets or plates of aluminium
or other metal which does not injuriously af-
fect the skin by contact. This reticulated
sheet-metal work is attached to the belt at
20 two or more parts and to each portion of the
same a conducting-wire is connected, which
wires pass to the poles of a suitable pocket-
battery, so that by making a contact a cur-
rent is sent through the wires, being distrib-
25 uted through the part of the body with which
the reticulated plates are in contact.

To enable my invention to be fully under-
stood, I will describe it by reference to the
accompanying drawing, in which I have
30 shown a portion of a body-belt provided with
my improvements.

a is the belt, and *b b* the reticulated plates
of aluminium. The edges of these plates are,
as shown, sewed to the belt, so that one sur-
35 face of each of the plates is uncovered to en-
able it to come into direct contact with the
skin.

c c are terminals soldered to each plate.

d is the pocket-battery, and *e e* are the two
40 wires coming from the said battery *d* and con-
nected to two of the terminals *c c* by means
of plugs *f f* on the ends of the wires. In the

drawing three reticulated plates are shown,
the third plate *g* being connected with one of
the other two by means of a wire *h*, which 45
passes through the material of the belt, as
shown. *l l* are aluminium eyelets in the body
of the belt for ventilating purposes.

My belt is applied to the body in the usual
manner and connected by the wires *e e* and 50
plugs *f' f'* to the battery *d*, placed in any con-
venient pocket, the circuit being broken by a
switch in the battery. When it is desired to
pass a current through the body, the battery
is put into operation by its switch, by which 55
also the passage of the current may be
stopped when required.

It will be obvious that a belt having my im-
provements is light and serviceable, and, as
my reticulated plates are made of aluminium, 60
the skin will not be injuriously affected, as
is the case with such belts as heretofore con-
structed.

I wish it to be understood that, although I
have represented my improvements as ap- 65
plied to a body-belt, I can also apply them to
any other article of wearing-apparel worn
next the skin.

Having now particularly described and as-
certained the nature of my said invention and 70
in what manner the same is to be performed,
I declare that what I claim is—

An electric body-belt or like appliance to
be worn next the skin having two or more
reticulated plates of aluminium or other 75
metal which does not injuriously affect the
skin, the said plates being connected by wires
to the two poles of a pocket electric battery
in the manner and for the purpose substan-
tially as described.

EDMUND SPENCER COLLICOTT.

Witnesses:

G. F. REDFERN,
C. G. REDFERN.