

(No Model.)

R. S. LAWRENCE.
SUN SHIELD.

No. 584,883.

Patented June 22, 1897.

Fig. 1.



Fig. 2.

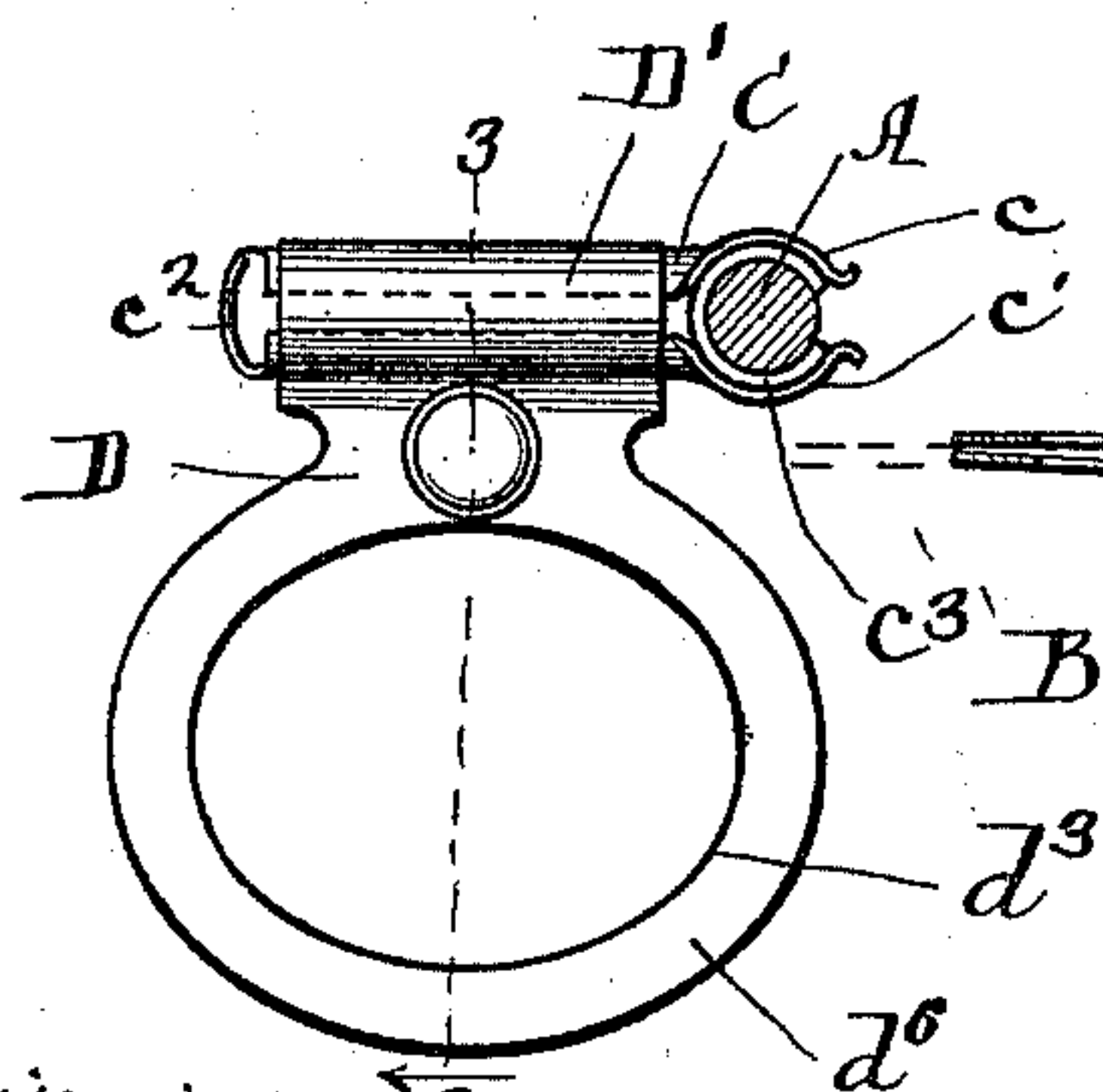


Fig. 3.

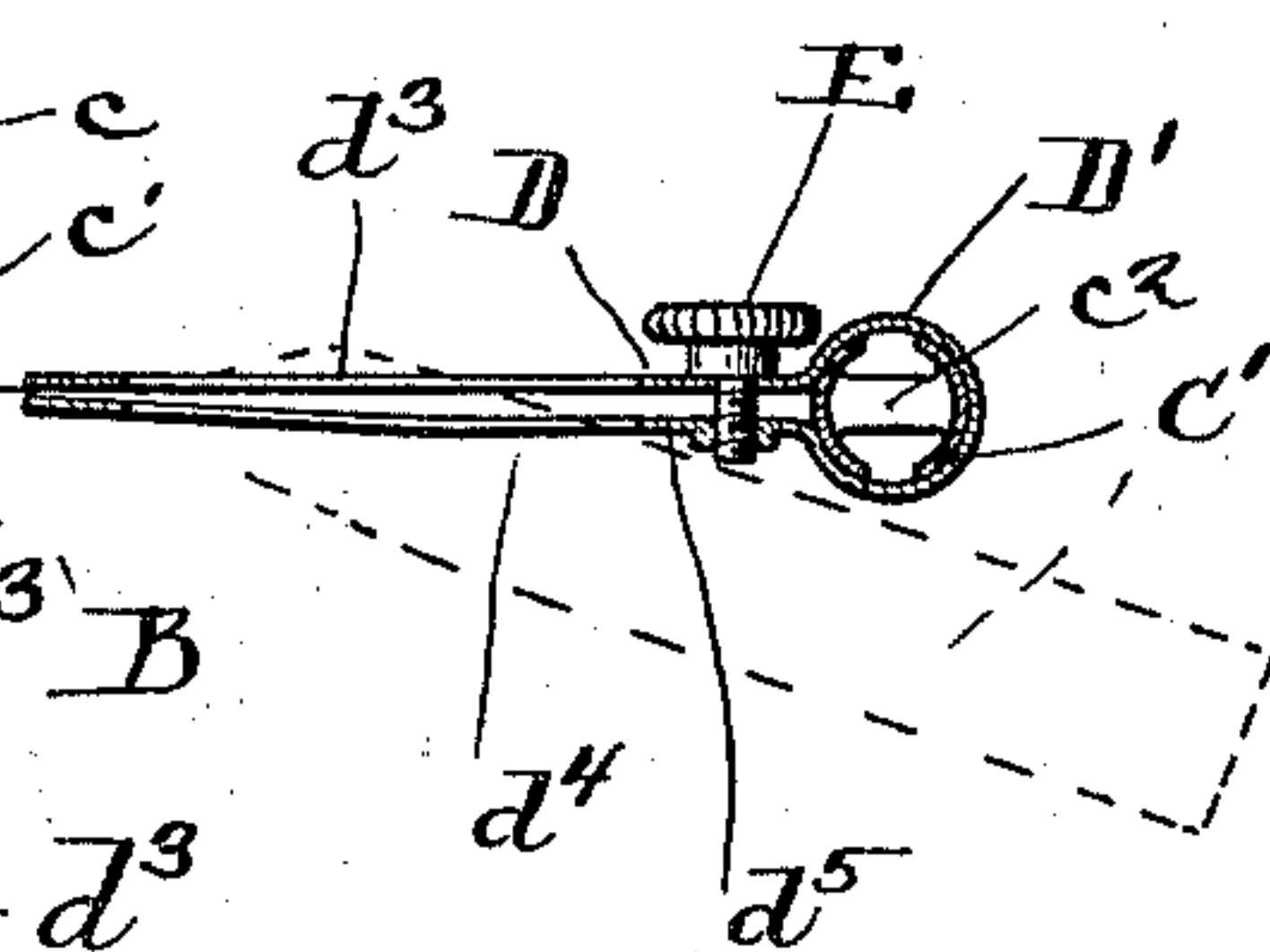
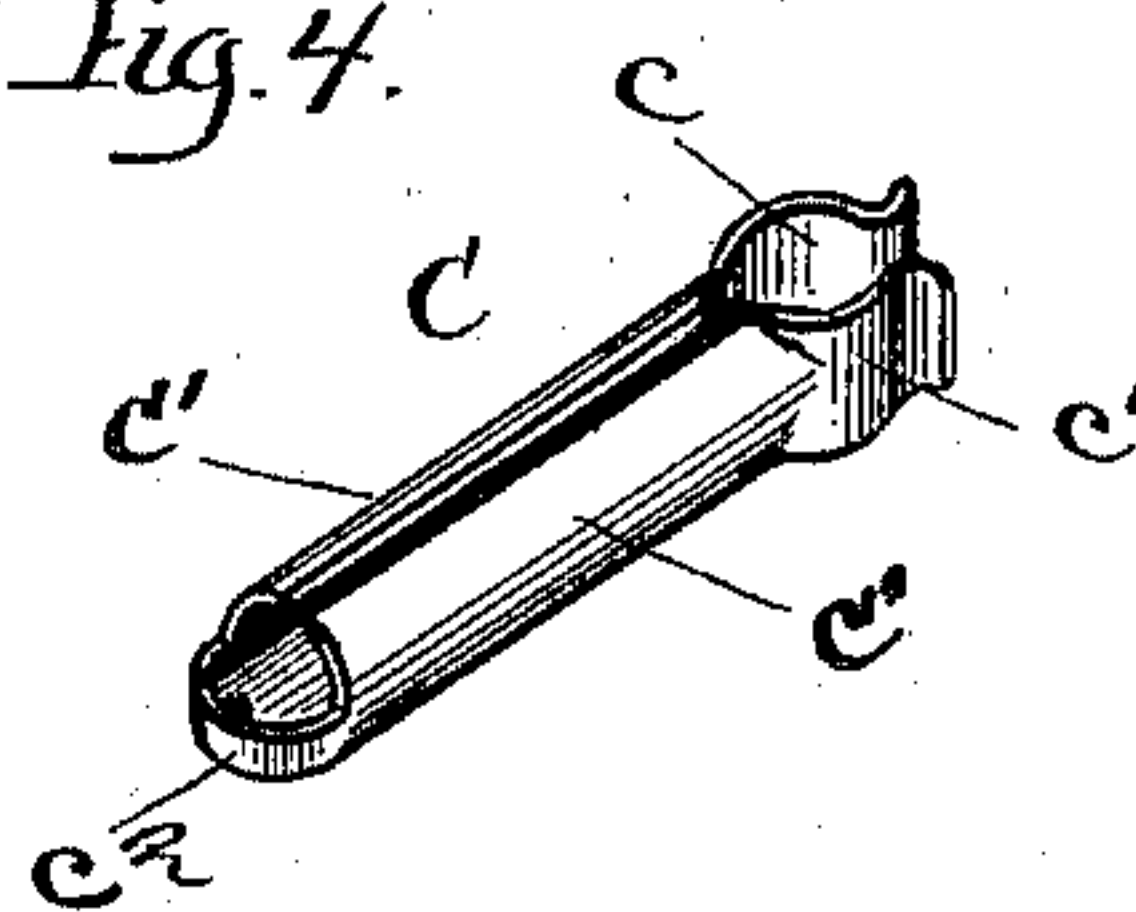


Fig. 4.



Witnesses: 3

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UNITED STATES PATENT OFFICE.

ROBERT S. LAWRENCE, OF CHICAGO, ILLINOIS.

SUN-SHIELD.

SPECIFICATION forming part of Letters Patent No. 584,883, dated June 22, 1897.

Application filed May 16, 1896. Serial No. 591,769. (No model.)

To all whom it may concern:

Be it known that I, ROBERT S. LAWRENCE, a citizen of the United States, and a resident of the city of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Sun-Shields for Protecting the Face from the Reflected Rays of the Sun, of which I do declare the following to be a full, clear, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

My present invention has for its object to provide an attachment for umbrellas, parasols, and the like whereby the faces of the users of such articles may be protected from the glare and heat of reflection as well as from the direct rays of the sun.

So far as I am aware my invention presents the first instance of any attempt in which provision has been made whereby a shield or like device may be so attached to an umbrella or parasol that the face of the user can be effectually screened from the glare and heat, which are most distressing to the eyes and injurious to the complexion.

To this end my invention consists in providing means whereby a shield may be connected to an umbrella, parasol, or the like; and it consists also in the various novel features of construction hereinafter described, illustrated in the accompanying drawings, and particularly pointed out in the claims at the end of this specification.

Figure 1 is a view showing an umbrella or parasol in use with my invention applied thereto. Fig. 2 is a plan view. Fig. 3 is a view in central vertical section on line 3 3 of Fig. 2. Fig. 4 is a perspective view of the clamp for securing the shield to the umbrella-stick.

A designates the stick of the umbrella, to which the shield B is to be attached, preferably by the improved shield-holder next to be described. This shield-holder comprises a clamp C, composed of sections C', forming a divided body, jaws *c c'*, formed at the end of the sections, and a connecting end strip *c²*, formed integral with the sections C'. The clamp C is preferably made of sheet and spring metal, and the sections C' thereof pass through the cylindrical portion D' of the

shield-clip D. The sections C' are bent to fit within the cylindrical part D' to permit a pivotal or angular adjustment of the clip D about said sections. The shield-clip D is formed from a single sheet of metal bent as shown more clearly in Figs. 2 and 3 of the drawings, the upper plate of the clip being provided with the opening *d³* and the lower plate being provided with a similar opening *d⁴*. An adjusting-screw E is provided with a thumb-piece at one end and a screw-thread at the other end, which engages a similarly-threaded opening in the lower plate *d⁵* of the clip D. Said screw E passes loosely through an opening in the upper plate *d⁶* and serves to press the sections C' together and to contract the cylindrical portion of the clip, thus forcing the sections C' together and causing the jaws *c* and *c'* to tightly bind upon the stick of the umbrella or parasol. The inner faces of the jaws *c c'* have attached thereto a rubber covering *c³* or the like to prevent injury to the umbrella-stick.

It will be observed that the jaws *d⁵* of the clip come together at their outer edges and that these jaws or plates are separated adjacent their inner ends. By this construction a firm bearing of the plates *d⁵* is had upon the shield B, while the openings *d³* and *d⁴* permit the thick portion or handle of a fan to be readily received without interfering with the screw binding of the jaws upon the body of the fan. Thus, for example, if one of the ordinary folding fans is used as a shield it can be slipped between the jaws of the clip D, and the hinged end of the fan-sticks will be received in the openings *d³* and *d⁴* of the plates *d⁵* and *d⁶*. So, also, if a palm-leaf fan is used as a shield the handle of the fan can pass freely through the opening *d⁴*, while the body of the fan is firmly held by the jaws *d⁵*. Preferably the clamp C is made of the oblong shape shown.

From the construction of parts above described it will be seen that by loosening the screw E the clip may be set at any desired angle and the pressure upon the jaws *c c'* will be relaxed to permit the clamp to be raised or lowered upon the umbrella-stick. With these two adjustments a practically universal adjustment can be had.

As I have said before, I regard my inven-

tion as presenting the first instance in which
an umbrella or parasol or the like has been
provided with a shield for the purpose of
guarding the face of the user from the re-
flected rays and heat of the sun, and while I
have described what I regard as the preferred
embodiment of my invention I do not wish it
to be understood as restricted to the details
of construction above set out, since these may
be varied within wide limits as the skilled
mechanic may suggest.

It will be understood also that not only is
my invention of special value as a means for
screening the face from the reflected rays of
the sun and from reflected heat, but it serves
also as a most effective means for protecting
the eyes and nostrils from dust incident to
gusts of wind or to the dragging of skirts or
to the tramping of feet or the like.

Having thus described the invention, what
I claim as new, and desire to secure by Letters
Patent, is—

1. An attachment for umbrellas or the like
comprising a clamp adapted to engage the
stick of the umbrella and having a part ex-
tending at an angle therefrom and forming a
support for a shield-clip, of a clip revolubly
sustained by said extension of the clamp, said
shield-clip having an opening in its side
through which the handle of a shield may be

passed while the body of the shield is retained
between the jaws of the clip, means for ad-
justably holding said clip in different posi-
tions upon the extension of said clamp, said
clip being provided with compressible parts
adapted to hold the shield in a plane more or
less transverse to the plane of the umbrella-
stick, substantially as set forth.

2. An attachment for umbrellas or the like
comprising an open or slotted clamp to engage
the stick of the umbrella, a clip embracing
said clamp and adapted to support a shield
and a screw engaged with said clip to retain
both the clamp and clip in engagement with
their respective articles, substantially as set
forth.

3. An attachment for umbrellas or the like,
comprising a clamp adapted to engage the
stick of the umbrella, a clip formed of a sin-
gle sheet of metal and having a cylindrical
portion embracing the clamp and extending
into apertured plates for holding a shield, and
a screw engaged with the two plates of said
clip to retain both clip and clamp in engage-
ment with their respective articles, substan-
tially as described.

ROBERT S. LAWRENCE.

Witnesses:

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GEO. P. FISHER, Jr.