

(Model.)

J. FELDMAN.

UMBRELLA.

No. 270,041.

Patented Jan. 2, 1883.

Fig. 1.

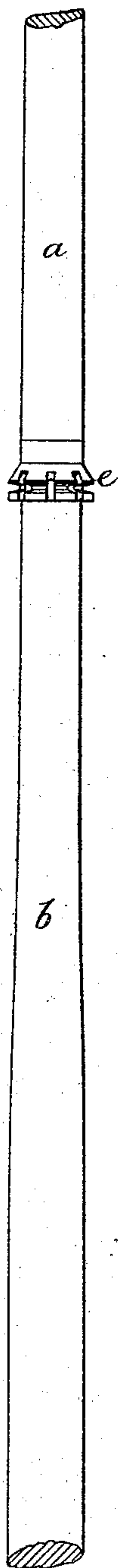


Fig. 2.

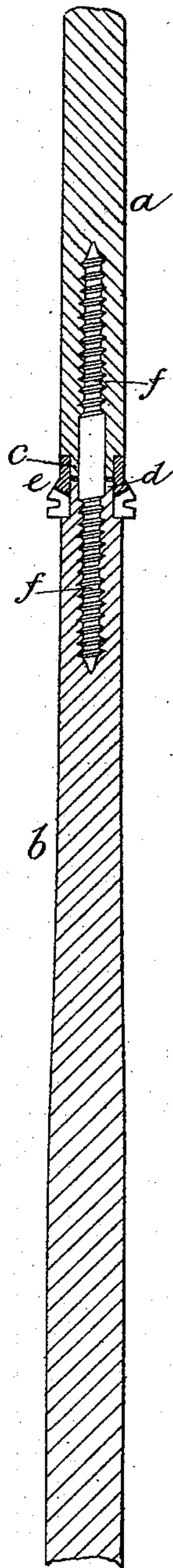


Fig. 3.

Witnesses.
G. M. R. R. R.
A. Albutt

Inventor.

J. Feldman

UNITED STATES PATENT OFFICE.

JOSEPH FELDMAN, OF LONDON, ENGLAND.

UMBRELLA.

SPECIFICATION forming part of Letters Patent No. 270,041, dated January 2, 1883.

Application filed October 17, 1882. (Model.)

To all whom it may concern:

Be it known that I, JOSEPH FELDMAN, a citizen of the United States of America, residing at London, England, have invented new and useful Improvements in Umbrellas, of which the following is a specification.

This invention relates to improvements in umbrellas, whereby the appearance of the umbrella at the notch part is improved and the weight of the umbrella diminished.

In carrying out my invention I form the stick in two parts, the joint occurring where the notch is situated. That end of the stick to which the notch (of the ordinary construction) is fixed is reduced in size, with a countersink to receive the notch, whereby I am enabled to employ a notch of smaller dimensions than those generally in use, so that the ribs will lie close against the stick at the notch part. The end of the stick to which the notch is fixed is formed with a hole to receive a screw on the other part of the stick which screws into the said hole, the shorter part of the stick being preferably formed with a corresponding countersink to that of the other part of the stick, the shoulder of the countersink fitting against the top of the notch.

In order to enable my invention to be better understood, I will proceed to describe the same by reference to the accompanying drawings, in which—

Figure 1 is an elevation of part of an umbrella-stick constructed, and with the top notch applied thereto, according to my invention; Fig. 2, a vertical section of the same, and Fig. 3 a detached elevation of the several parts.

Similar letters in all the figures represent similar parts.

a and *b* are the two parts of the stick, the ends of the two parts where they abut each being reduced in size at *c* and *d*, respectively, so that when the parts are put together a groove or countersink is formed for receiving the top notch, *e*, which is of the ordinary construction, but of much smaller dimensions than those generally in use.

f is the pin or bolt, screw-threaded at both ends for connecting the two parts of the stick together. To put the parts together the screw-pin *f* is screwed into the hole made to receive it in the part *a* of the stick, rosin or other suitable adherent being employed to fix the screw.

The top notch, *e*, is placed and cemented on the reduced part *d* of the part *b* of the stick, and the screw-pin *f* is then screwed into the hole made to receive it in the part *b* of the stick until the ends of the two parts of the stick come together, the reduced part *c* fitting into the top notch, and the shoulder *g* of the upper part of the stick fitting against the top of the notch. Suitable cement—such as rosin—is employed to hold the parts in position, when put together, to prevent them coming undone. The part of the stick from the top notch downward is somewhat reduced or tapered for a certain distance to allow the ribs to lie more closely against the stick, and, if found desirable, small notches may be cut in the stick just under the top notch to receive the eyes of the ribs.

By this construction I am enabled to employ a much smaller notch than hitherto without weakening the stick of the umbrella, whereby the umbrella, when closed, presents a very neat appearance, and is lighter to carry than when the ordinary-sized notch and usual stick are employed.

Having thus described my said invention, I wish it to be understood that I am aware of the patent granted to Henry A. Davis, No. 249,907, dated 22d November, 1881, and make no claim to anything therein contained; but

What I do claim, and desire to be protected by Letters Patent, is—

1. An umbrella-stick formed in two parts abutting and connected together by a screw-pin, the two parts of the stick where they abut together being reduced in diameter, so as to form a groove or countersink for the reception of a top notch of small dimensions, substantially as hereinbefore described, and represented in the accompanying drawings.

2. In an umbrella-stick formed in two parts, the groove or countersink for receiving the top notch formed by the two reduced parts of the stick, substantially in the manner and for the purposes described, and represented in the accompanying drawings.

3. The combination, with an umbrella-stick formed in two parts, as described, of a top notch of small dimensions contained within a groove or countersink formed by reducing the ends of the two parts of the stick, substantially as and for the purposes described, and illustrated in the accompanying drawings.

4. An umbrella-stick constructed of two parts whose adjacent ends are reduced in diameter and abut one on the other, and are held together by a pin, the stick being tapered
5 or reduced in size for a certain distance below the top notch, substantially as represented in the drawings, and for the purposes described.

5. An umbrella having a stick formed in two parts abutting and held together by a
10 screw-pin, as set forth, the ends where they

abut being reduced in diameter to form an annular groove, combined with a top notch of small dimensions fitted in such groove, the stick being tapered below such top notch, all as described, and illustrated in the accompany- 15
ing drawings.

J. FELDMAN.

Witnesses:

G. F. REDFERN,
A. ALBUTT.