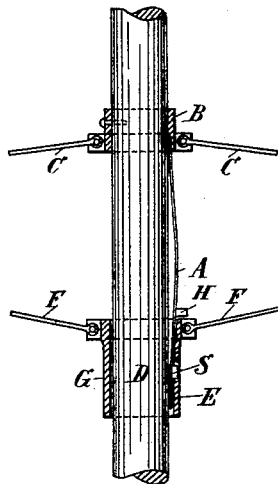


(No Model.)

A. SILBER.
UMBRELLA.

No. 459,025.

Patented Sept. 8, 1891.



Witnesses:
Chas W. Conroy
B. W. Sommers.

Inventor:
Arnold Silber.
Henry M. [Signature]
Atty.

UNITED STATES PATENT OFFICE.

ARNOLD SILBER, OF BERLIN, GERMANY.

UMBRELLA.

SPECIFICATION forming part of Letters Patent No. 459,025, dated September 8, 1891.

Application filed September 15, 1890. Serial No. 385,042. (No model.) Patented in Belgium August 16, 1890, No. 91,665; in France August 16, 1890, No. 207,670; in England August 16, 1890, No. 12,880; in Italy September 30, 1890, XXIV, 28,023, and LV, 103, and in Austria-Hungary December 12, 1890, No. 36,997 and No. 60,169.

To all whom it may concern:

Be it known that I, ARNOLD SILBER, a subject of the King of Prussia, residing at Berlin, Germany, have invented certain new and useful Improvements in Umbrellas, (for which I have obtained Letters Patent in the following countries: Austria-Hungary, No. 36,997 and No. 60,169, dated December 12, 1890; Belgium, No. 91,665, dated August 16, 1890; France, No. 207,670, dated August 16, 1890; Great Britain, No. 12,880, dated August 16, 1890, and Italy, XXIV, 28,023, and LV, 103, dated September 30, 1890;) and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawing, and to letters marked thereon, which form a part of this specification.

This invention relates to improvements in umbrellas and parasols, and more particularly to means for holding the runner in position when the umbrella or parasol is opened or spread.

The invention has for its object to provide a convenient means for locking the runner into position when the umbrella is opened, whereby the recessing for the usual spring-catch for the runner, and the consequent weakening of the umbrella-stick, is avoided.

To these ends the invention consists in structural features and combinations of parts as will now be fully described, reference being had to the accompanying drawing, in which I have illustrated my invention by a vertical sectional view of so much of an umbrella or parasol as will be necessary to the comprehension thereof.

In the drawing, D indicates the umbrella-

stick; B, the crown-plate; C, the ribs; G, the runner; and F the stays. The runner G is constructed with a downwardly-tapering groove that is provided with a slot or opening s, and A is the locking-spring attached to the crown-plate B and extending along the stick D, said spring being provided with two lugs or projections H and S. The length of the spring A and the relative location of the lugs H and S thereon are such that when the runner is moved up to a point at which the stays have fully spread the ribs the upper face of the runner will abut against the lug H and the lug S will snap into the holes in said runner, thus securely holding the latter against motion on the stick D in either direction, the free end E of the spring being at the same time concealed within the runner. By pressing upon the lug S, so as to free the same from the locking-hole s, the umbrella may be closed.

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

In an umbrella or parasol, the combination, with the stick, the crown-plate, and a spring secured to and depending from said crown-plate, said spring being provided with a locking-button, of the runner constructed with a longitudinal groove for the reception of the free end of the locking-spring when said runner is moved up, and with a button-hole adapted to engage the button on the spring, for the purpose set forth.

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

ARNOLD SILBER.

Witnesses:

PAUL SCHÜTZ,

ADOLF DEMELIUS.