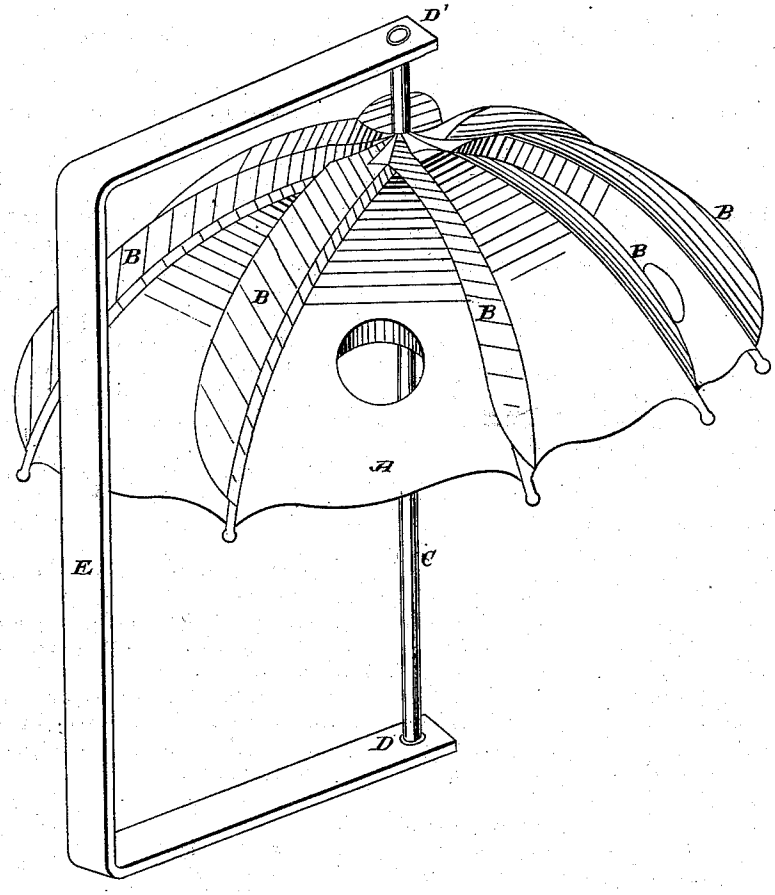
W. B. WORTMAN.
Umbrella-Sign.

No. 207,332. Patented Aug. 20, 1878.



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UNITED STATES PATENT OFFICE.

WILLIAM B. WORTMAN, OF LOUISVILLE, KENTUCKY.

IMPROVEMENT IN UMBRELLA-SIGNS.

Specification forming part of Letters Patent No. **207,332**, dated August 20, 1878; application filed June 10, 1878.

To all whom it may concern:

Be it known that I, WILLIAM B. WORTMAN, of the city of Louisville, in the county of Jefferson, State of Kentucky, have invented a new and useful Umbrella-Sign, (or Sign-Umbrella,) which said invention is fully set forth in the following specification and accompanying drawing, in which the entire invention is shown in full just as it exists.

The umbrella-signs heretofore in use consisted of the ordinary umbrella with wooden ribs and handle, covered with some description of cloth, which would be suspended from the top with the handle downward. These old sign-umbrellas would dangle about, moved by every gust of air, and in a heavy gale be blown about so furiously as to injure the cloth and shatter the frame-work, to say nothing of the unsightly appearance of such a dangling sign.

The object of my invention is to furnish an umbrella-sign made of metal, and so attached to permanent supports as to cause it to revolve when blown upon by the wind and to maintain a fixed position.

In the drawing, E is the frame, which is fastened to a wall or other suitable support. C is the standard-rod, passing through the center of the umbrella, just as the handle in ordinary umbrellas, resting in the socket or open box D, and fitting into a corresponding socket at D′, in which said sockets the rod C revolves. These sockets, being exposed to the weather, I make of glass, being heavy glass boxes and not subject to chemical changes incident to metallic ones so exposed.

B B B B B are blades, extending above the ribs and general surface of the umbrella, which said blades are set at an angle and present a surface to the wind, thus causing the umbrella-sign to revolve. A is a circular hole which is cut in the several rib-sections, allowing the air to pass through them, and thus avoiding unnecessary upward pressure against the support at point D′.

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

A metallic umbrella-sign having the projecting blades B B B with supports, allowing the same to revolve, substantially as shown and described.

WILLIAM B. WORTMAN.

Attest:
GRAHAM MOORE,
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