(No Model.)

L. M. PERVEIL.

BAROMETRICAL ROSE.

No. 456,498. Patented July 21, 1891.

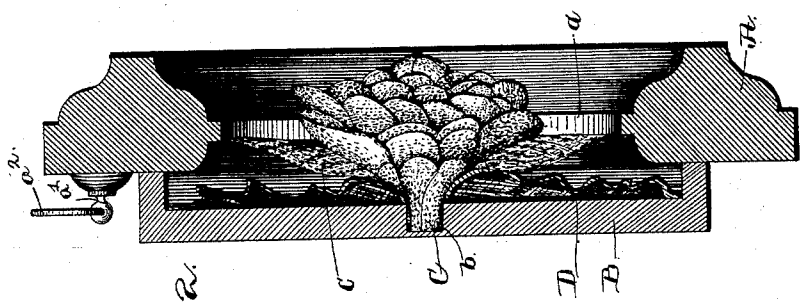


Fig. 2.

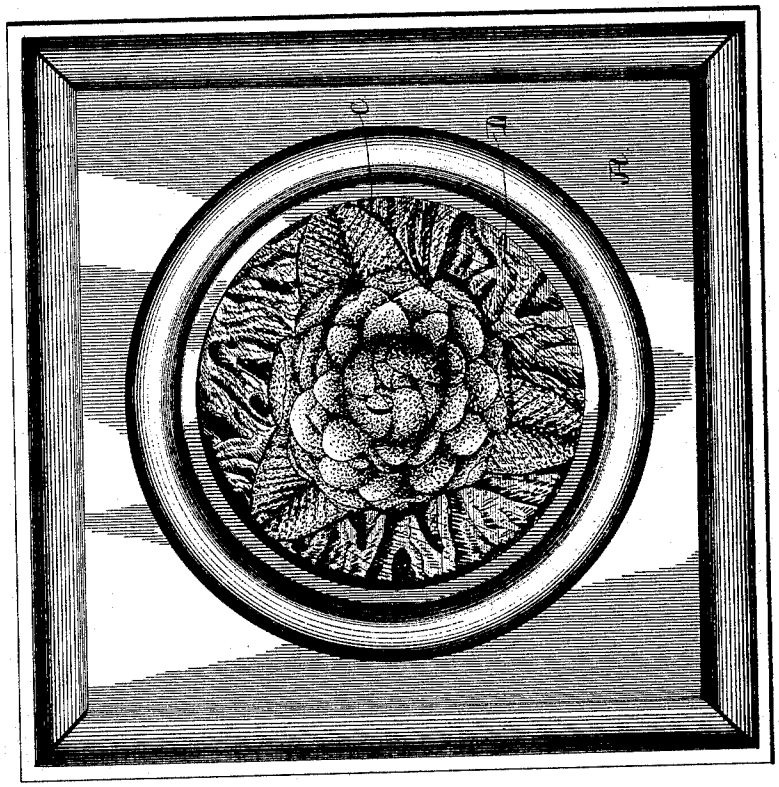


Fig. 1.

Witnesses
H. Grant Sutro
David P. Wolhaupter

Inventor
Leighton M. Perveil,
By his Attorneys,
C. A. Snow & Co.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

LEIGHTON MACDONALD PERVEIL, OF MANHEIM, PENNSYLVANIA.

BAROMETRICAL ROSE.

SPECIFICATION forming part of Letters Patent No. 456,498, dated July 21, 1891.

Application filed August 15, 1890. Serial No. 362,075. (No specimens.)

To all whom it may concern:

Be it known that I, LEIGHTON MACDONALD PERVEIL, a citizen of the United States, residing at Manheim, in the county of Lancaster and State of Pennsylvania, have invented a new and useful Barometrical Rose, of which the following is a specification.

My invention relates to weather-indicators, and has for its object to provide a simple, attractive, inexpensive, and practical article that will be readily susceptible to all changes in the weather, correctly indicate them, and at the same time, by its fanciful appearance, permit use as an article of ornamentation.

My invention consists of an artificial rose made of thin white tissue-paper saturated in a solution of cobalt chloride and suitably set in relief within a frame, and of further details of construction hereinafter more fully described, illustrated in the drawings, and specifically stated in the claims.

In the accompanying drawings, Figure 1 represents a plan view of a weather-indicator constructed in accordance with my invention. Fig. 2 is a transverse section.

Like letters indicate like parts in the figures.

A represents a rectangular frame constructed of any suitable material and provided with any suitable ornamentation. A circular opening *a* is formed in the center of said frame and a backward boxed extension B, of a smaller diameter than the diameter of the main frame, is secured thereto. A knob a', secured to the frame A, and a ring a^2, attached to the knob, indicate means for hanging the article where it may be desired.

Within the casing formed by the frame A and extension B an artificial rose C, saturated with a substance susceptible to changes in the atmosphere, is secured. The stem of the rose C and leaves *c* are placed within the aperture *b* of the boxing B, and are thereby firmly held in position. A background D of crushed black tissue-paper sets the light rose off in marked relief from the back of the frame. The rose by being secured within the extended boxing is thereby seated a considerable distance from the surface of the frame A and thus protected from accidental injury and also given an attractive appearance.

The article is to be placed in the position usually occupied by a thermometer, protected from sun, rain, and storm, and the colors giving indications are: blue, fair and dry; lilac, change; pink, damp and wet weather.

In preparing the rose for my article I first take a suitably-sized flat vessel and level it. The solution of cobalt chloride is then poured into the vessel to the depth of half an inch or more, in which the sheets of white tissue-paper are well immersed. The sheets while wet are removed from the vessel and, not being allowed to drain, are spread on a glass plate and immediately dried by the sun or otherwise. After the tissue has dried, which will be known by its deep-blue color, the sheets are cut in the proper form and shaped to an artificial rose or other flower.

Should the paper be allowed to drain, the tissue when dry would be found to be unevenly coated and weak in color, whereas by following the described method an even coating and strong permanent colors are the result. But this manner of preparing the flower is only a preference, and I do not claim either this method or the method of preparing the same in any other way, or the flower *per se*, but limit myself to the specific combination of the article of manufacture as expressed.

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

As an article of manufacture, an ornamental weather-indicator consisting of a rectangular frame provided with a central opening, an extended boxing or casing inclosing said opening, a barometrical-flower indicator, subject to the changes of weather by variations of color, secured within said frame and casing, and a background of crushed tissue-paper placed between said ornamental indicator and the rear face of the inclosing casing to throw the ornament out in relief, substantially as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

LEIGHTON MACDONALD PERVEIL.

Witnesses:

JOHN M. SHIFFER,

J. KEIFFER.