

J. F. WALTER, Jr.
Putting Up Calcimining Materials.

No. 197,433.

Patented Nov. 20, 1877.

Fig. 1.

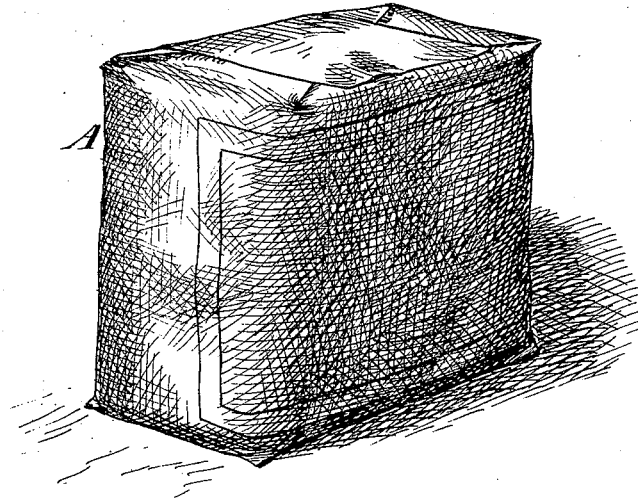
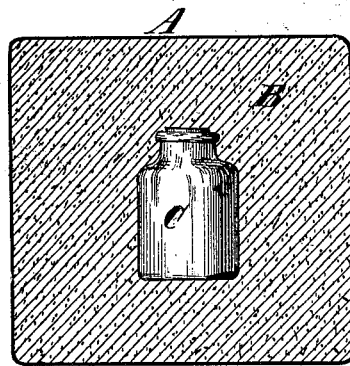


Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

JOHN F. WALTER, JR., OF BROOKLYN, NEW YORK.

IMPROVEMENT IN PUTTING UP CALCIMINING MATERIALS.

Specification forming part of Letters Patent No. **197,433**, dated November 20, 1877; application filed October 10, 1877.

To all whom it may concern:

Be it known that I, JOHN F. WALTER, Jr., of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Calcimining Materials, of which the following is a description, reference being had to the accompanying drawing, forming part of this specification.

In calcimining or distemper painting much difficulty has heretofore been experienced, not only by those who merely do their own work, but also by experts, in proportioning the proper quantity of pigment or body material and glue or binding material.

The object of this invention is to obviate this difficulty, and at the same time to supply said materials in a convenient form, ready for use, without the necessity of separately preparing or dissolving the glue or binding material when requiring to use the same.

My invention consists in putting up in one and the same package the dry pulverized pigment or body material in the form of a powder, and, also, in a proper proportion for use relatively with said body material in the package, the glue or binding material in a liquid state, and contained within a jar, bottle, or other vessel, which is surrounded by, inclosed within, and protected by, the pulverized pigment or body material.

Figure 1 represents a view, in perspective, of a package embodying my invention; and Fig. 2, a section of the same.

A is the wrapper or case of the package. This wrapper or case may either be of paper, metal, or any other suitable material.

B is the pulverized calcimining base or body material within the wrapper or case. Said base or body material may be the same as heretofore used; or it may have combined powdered borax with the oxide of zinc or flowers of zinc, and with paris-white, or other white material, such as China clay, whiting, terra-alba, marble-dust, &c., the object of combining the powdered borax being to soften the water used in dissolving the calcimining base, and to make it a better solvent both of the dry material as also of the glue or other material used to bind the latter.

C is the close jar, bottle, or vessel containing the necessary amount of distemper sizing

or liquid binding material for the dry calcimining powder or materials B in the package A. Said jar, after having been charged with the liquid glue or other distemper sizing, and closely corked or hermetically sealed, is put up in the center or near the center of the package, with the dry calcimining material or powder completely inclosing and protecting it. Being separated from the powder or pigments, the latter cannot be affected by the binding agent or sizing till it is required to use the ingredients of the package; and the sizing or binding material and pulverized pigments or body material being in proper relative proportions with each other, and the binding agent being in a liquid form, the proper mixture can at once and readily be made.

Thus it is only necessary, first, to mix the powder B in water, preferably lukewarm, until all is of the consistency of cream; then add the distemper sizing or liquid binding material which is in the jar C, and mix all thoroughly together. The mixture is then ready for use, without any previous preparation of the walls to which it is proposed to apply it.

I am aware that calcimining materials have heretofore been put up in packages containing proper proportions of each ingredient for mixing; but I am not aware that the dry portion of materials in such package has ever been arranged around and as a protective covering to a bottle or jar of the liquid portion, rendering the complete package safe and convenient for handling and transportation.

I do not claim simply a package of calcimining materials properly proportioned for mixing; but

I claim—

A package containing materials for calcimining or distemper painting, in proper proportions for use, in which the pigment or body material is in a pulverized state, and in which the glue or binding material, in a liquid state, is in a jar, bottle, or other vessel, surrounded by, inclosed within, and protected by, the pulverized pigment or body material, substantially as specified.

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Witnesses:

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