

UNITED STATES PATENT OFFICE

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ADMINISTRATRIX OF SAID SHERMAN C. JENNINGS, DECEASED

PLASTIC COMPOUND

No Drawing.

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This invention relates to an improved plastic compound which is especially, but not necessarily adapted for filling cracks in various characters of materials, and especially, articles made of wood.

More precisely, the invention involves the discovery and production of a plastic compound resembling putty, and especially suitable and useful for repairing and healing purposes for filling cracks, patching scars, and scratches on highly polished and finished surfaces of various articles of furniture.

My principal object is to provide a compound of this species which is characterized by a number of desired properties and qualities which insure quick drying, firm setting, and hardening, durability, and ease of use and application.

Another object is to provide a compound of this class which is regarded as superior to what is commonly known in the trade, as plastic wood, in that it is more porous, stable and lasting, non-shrinking and easy to work and finish off.

A still further object is to provide a compound which may be preserved for a greater period of time than putty which is easier to work, in that it may be spread and placed in position by an ordinary table knife, or one's fingers, thereby adapting the product for practical use by unskilled hands, and making it desirable for home repair or furniture, particularly to that class of furniture which is painted at seasonal periods by the home folks.

Then too, it is an object to provide a marketable product of this class which possesses tenacious properties, which insure adherence to various forms of materials, such as wood, metal, stone, glass, rubber, and the like.

In carrying out the invention, I have found it sufficient and satisfactory to utilize but four distinguishable ingredients. These are set forth in the following formula:

	Ounces
Silex	2
Lacquer	4
Cornstarch	2
Wheat flour	2
Glue	2
Total	12

I prefer to employ a clear lacquer, of the "flat" variety which is quick-drying and possesses a desirable degree of fluidity. The word "lacquer" is used in its ordinary sense to mean a shellac dissolved in alcohol and being clear, is without color.

The office of the cornstarch provides the desired body and rigidity. It is figuratively speaking, the "back-bone" of the complete product. It is deemed desirable because of its porous and absorbent properties; its ability to make the product readily recipient of stains, varnish and the like, irrespective of coloration.

The wheat flour mingles with the cornstarch and is desirable for its paste-like properties, although it adds to the body and general stability of the product. Incidentally the product must not be too brittle, so that it will be easily jarred or knocked off, yet it must be sufficiently hard to insure durability and lasting effects.

The purpose of the glue is obviously, for secure adherence. The other ingredients, particularly the cornstarch and flour neutralize the adhesive properties of the glue within the can or other container, so that it will not stick in an undesirable manner to the fingers of the user.

The finished product has a consistency of common putty, particularly when the putty is fresh and oily, thus it is adapted to be packed in cans or similar containers, where it can be removed with an ordinary knife or with the fingers, and quickly spread over scars, into gashes, and cuts.

It sets rapidly and dries quickly, and it may be sandpapered so that it literally becomes a part of the wood or other surface upon which it has been applied. As before indicated, this filler produces and provides an exceptionally good base, because of its porous properties, for reception of paint and insures uniform results. In fact, it is difficult to detect the repaired places in a surface, because of the unusual healing properties of the compound.

Having thus described my invention, what I claim as new is:—

As a new product of manufacture, a plastic

compound for general repair work of the class described, comprising a mixture of materials, combined in the following proportions; silex two ounces, lacquer four ounces, 5 cornstarch three ounces; wheat flour three ounces, and glue two ounces.

In testimony whereof I affix my signature.

SHERMAN C. JENNINGS.

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