Sept. 22, 1931. P. B. L'HOMMEDIEU 1,824,674

BUDDING AND GRAFTING PLASTER

Filed June 1, 1929

Fig. 1

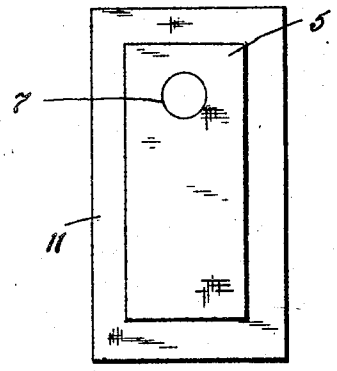


Fig. 2

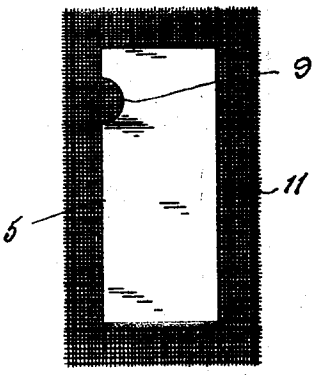


Fig. 3

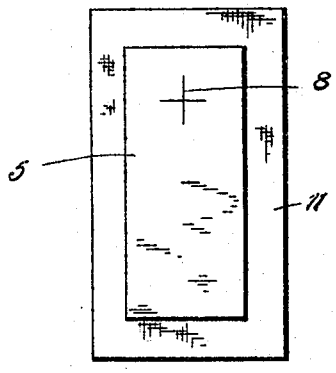


Fig. 4

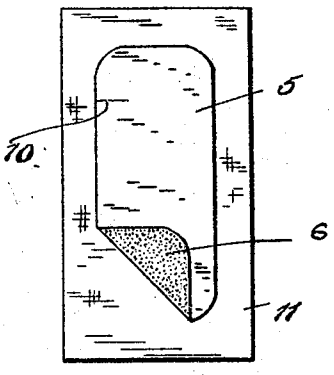
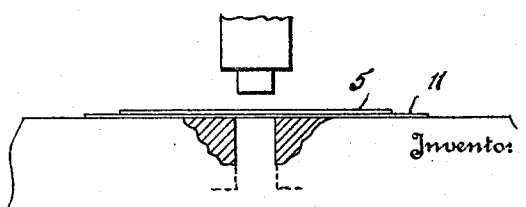


Fig. 5



Fig. 6



Inventor:

P. B. L'HOMMEDIEU,

By Jas. T. Richmond

Attorney

Patented Sept. 22, 1931 1,824,674

UNITED STATES PATENT OFFICE

PAIGE B. L'HOMMEDIEU, OF NEW BRUNSWICK, NEW JERSEY, ASSIGNOR TO JOHNSON & JOHNSON, OF NEW BRUNSWICK, NEW JERSEY, A CORPORATION OF NEW JERSEY

BUDDING AND GRAFTING PLASTER

Application filed June 1, 1929. Serial No. 367,709.

The invention relates to plant husbandry and its object is to provide a plaster and method of making it possessed of economical and other advantages in budding and grafting operations.

The nature of the invention consists in interrupting the continuity of the body structure of adhesive material of requisite characteristics, as by incising, perforating or punching, to enable the plaster to be contour-fitted in its application to the plant; and in masking the adhesive face of the plaster material, and preferably before incising or perforating it, by the application thereto of a strip of muslin or other material having proper masking capacity and also the capacity to support the plaster material during the mechanical work of punching or cutting as well as ultimately to prevent dog-earing or buckling of the edges of the incised or perforated areas.

The novel plaster is illustrated in the annexed drawings wherein

Figures 1 and 3 show masked plasters equipped for contour fitting by the provision of perforated areas inside the marginal limits.

Figs. 2 and 4 are modifications in which the margins are notched or otherwise incised.

Fig. 5 exemplifies permissible variations in the outline of the plaster.

Fig. 6 illustrates the application of the masking or protecting element in the punching operation.

According to the invention, plasters 5 are provided, for example, by fractional division of a strip or web of adhesive fabric, which may be surgical adhesive tape or plaster or any other approved fabric, including paper, having an adhesive face 6. To insure proper sealing application of the plaster in budding and grafting operations by having it self-adaptable to irregularities in the surface to which it is applied, the continuity of the body structure is interrupted to provide for contour fitting of the plaster. This may be manifested in various ways. For example, Fig. 1 shows a circular opening 7 and Fig. 3 shows cross-slits 8, near one end of the plaster and inwardly of the side margins; and Figs. 2 and 4 show, respectively, a semi-circular notch 9 and a straight cut 10 in the margins.

An important feature of the invention is the provision of a temporary masking element or facing 11. It may be crinoline, paper or other appropriate material. The former is preferred because of the facility with which it may be handled and because of its stiff and rugged qualities. Aside from its masking function or office of protecting the adhesive surface until the plaster is to be used, the facing element 11 is important as a backbone or support during the cutting and perforating of the plaster and also in such operation prevents promiscuous sticking and fouling of the dies; and it is further important as a reinforce to prevent dog-earing or buckling of the edges of the incised or perforated portions by holding such edges in the general plane of the plaster.

Fig. 5 shows a variation in the general form or shape of the plaster in the elliptical unit 12.

Having described my invention, I claim,

1. As an article of manufacture, a patch for contour fitting purposes in the budding and grafting industry, comprising a sheet of fabric adhesively coated on one side, and a detachable facing applied to said coated area and extending marginally beyond the coated fabric to prevent dog-earing, and buckling of the same, and to afford purchase points for readily separating it from the coated fabric.

2. As an article of manufacture, a patch for diversified use in the budding and grafting industry, comprising a plaster fabric shape having an incised body portion whereby it may be stretched or moulded to fit irregular surfaces, and a relatively stiff crinoline covering for the coated side of the shape and extending on all sides beyond the marginal limits thereof to keep the incised portions in a common plane.

In testimony whereof I affix my signature.

PAIGE B. L'HOMMEDIEU.