

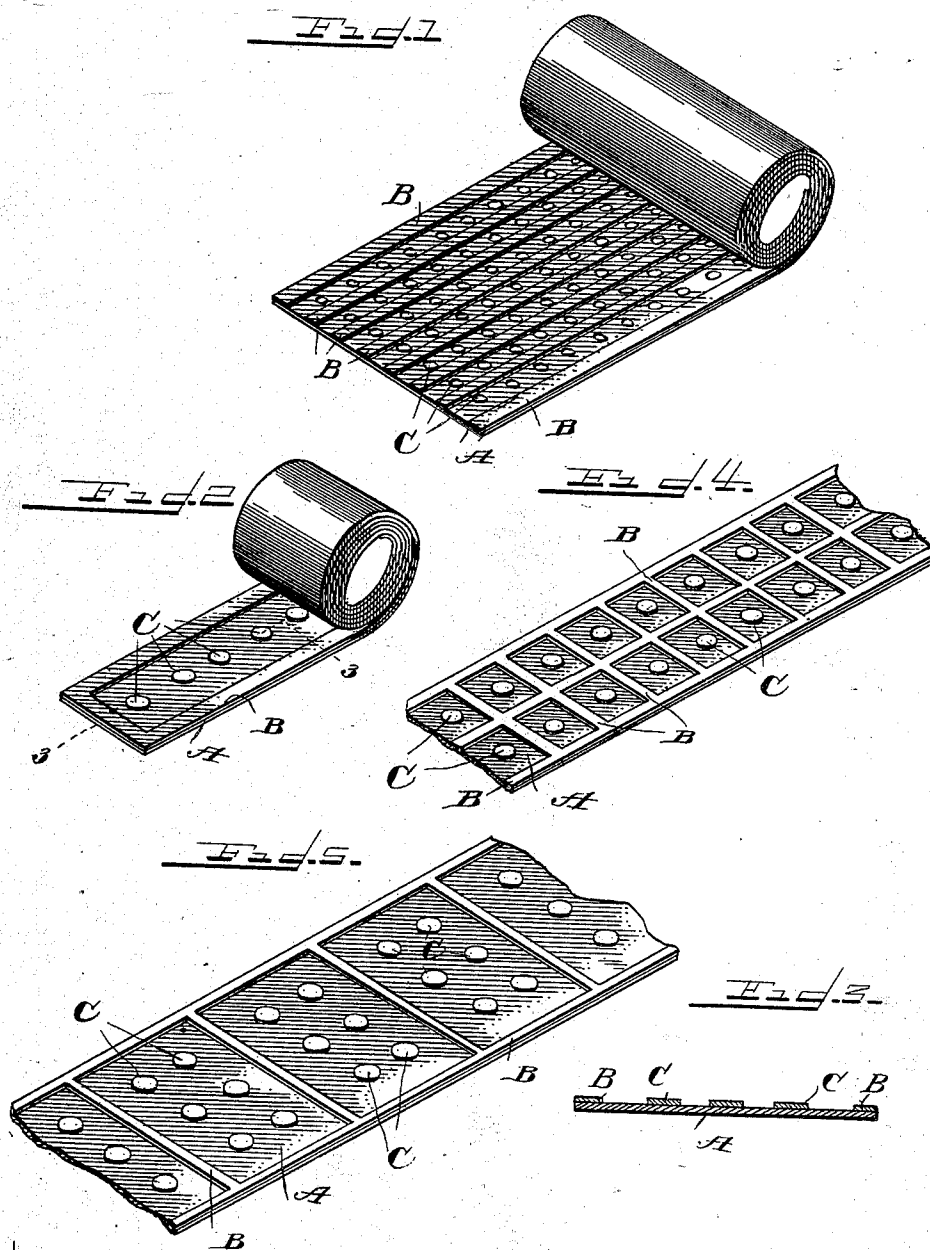
No. 716,265

E. W. McALLISTER.
BLISTER PLASTER.

Patented Dec. 16, 1902.

(Application filed Aug. 19, 1901.)

(No Model.)



WITNESSES.

Paul Schmoebel

Helen L. Peck.

INVENTOR.

E. W. McAllister
By W. M. O'Brien

UNITED STATES PATENT OFFICE.

ELBERT W. McALLISTER, OF SOUTH BEND, INDIANA, ASSIGNOR TO BAUER & BLACK, OF CHICAGO, ILLINOIS, A CORPORATION OF ILLINOIS.

BLISTER-PLASTER.

SPECIFICATION forming part of Letters Patent No. 716,265, dated December 16, 1902.

Application filed August 19, 1901. Serial No. 72,593. (No model.)

To all whom it may concern:

Be it known that I, ELBERT W. McALLISTER, a citizen of the United States, residing at South Bend, in the county of St. Joseph and State of Indiana, have invented certain new and useful Improvements in Blister-Plasters, of which the following is a specification.

This invention relates to medicinal plasters, and has particular reference to blister-plasters.

Heretofore blister-plasters have consisted of a continuous coating of blistering material spread on a suitable base or backing, and as it is apparent from the very nature of such plasters that they could not be made self-adhesive they have usually been applied and secured in place by means of bandages. When it was found necessary to blister the skin over a surface of several inches to produce a desired irritation and effect, it was customary to use a piece of plaster corresponding in size with the surface to be blistered, which produced a large and painful blister, requiring a long time to heal and almost always leaving an unsightly scar.

I have found in practice that the desired blistering effect can be obtained in a far superior manner without the production of a large blister by distributing the blistering material in spots or sections, so as to form a number of small blisters, and that a blister-plaster of this character can be made self-adhesive by surrounding the spots or sections of blistering material with adhesive material.

The object of the invention, therefore, is to provide as a new article of manufacture a self-adhesive blister-plaster which will produce a number of comparatively small and independent blisters.

In the accompanying drawings, Figure 1 illustrates a roll of blister-plaster embodying my invention. Fig. 2 shows a narrow strip of blister-plaster embodying my invention. Fig. 3 is a sectional view on the line 3-3 of Fig. 2. Figs. 4 and 5 show other ways in which my invention may be used.

Like letters of reference denote corresponding parts in the several figures of the drawings, and, referring thereto, A designates a

flexible backing or base for the plaster, preferably made of suitable fabric material.

B indicates adhesive material, and C indicates spots or sections of blistering material. The adhesive material is arranged on the backing in the form of strips which may entirely surround one or more spots of blistering material or be located adjacent thereto, in the manner shown in Figs. 1 and 2, without entirely surrounding each spot. It is preferred that the adhesive material should be located at some distance from the spots of blistering material, so that there will be no liability of the plaster adhering directly to the blistered parts or the parts adjacent to the blister; but this is a detail which will depend largely upon circumstances, and I do not limit myself in any way to locating the adhesive material at any particular distance from the spots of blistering material. The spots or sections of blistering material may be varied in size and shape and distributed in any desired manner, the particular character of these spots or sections and their arrangement being capable of many variations without departing from the spirit and scope of the invention.

The small blisters are equally as effective as a large blister, and they can be produced in a much shorter time than the large blister and with far less pain. The wounds caused by the small blisters heal quickly and leave no scars.

A blister-plaster made in accordance with my invention can be kept in stock by druggists and others in rolls marked on the back in square inches, so that small plasters can be cut therefrom in the usual manner as customers desire, or the plaster can be made in a narrow strip, as shown in Fig. 2, and several sections cut therefrom to form a plaster of the desired size, it being apparent that my improved blister-plaster can be cut into any shape and used in any desired manner.

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

1. As a new article of manufacture, blister-plaster consisting of a backing, spots of blis-

tering material distributed on the backing,
and adhesive material adjacent to but not
touching the spots of blistering material.

2. As a new article of manufacture, blister-
5 plaster consisting of a backing, spots of blis-
tering material distributed on the backing,
and adhesive material surrounding each one

or more of the spots of blistering material but
not in contact therewith.

ELBERT W. McALLISTER.

Witnesses:

TIMOTHY E. HOWARD,
GEORGE E. BUSH.