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(54) **TOPICAL OINTMENT TO TREAT
INFLAMMATORY CONDITIONS SUCH AS
SHINGLES**

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(57) **ABSTRACT**

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A novel treatment for topical inflammatory conditions such as acne, eczema, shingles, insect bites, and hives is provided, consisting of the application of a herbal cream or ointment which incorporates grounded PawPaw Seeds in a granular form. The cream preferably contains one or more thickeners, a bio-adhesive agent such as petroleum jelly such that the cream can stick to the area to be treated.

FIGURE 1

Year	Male	Female	Age Range	Results
2007	10	-	Between 20-30	Cured within 3-7 days
2007	-	10	Between 40-60	Cured within 4-7 days
2008	6	20	Between 40-60	Cured within 3-7 days
2009	15	10	Between 40-60	Cured in 3 days
2010	10	20	Between 20-60	Cured in 3 days
2011	10	15	Between 30-60	Cured in 3 days
2012	20	15	Between 60-70	Cured in 5 days
2013	20	30	Between 50-70	Cured in 5 days

FIGURE 2

Formulation

- **Paw Paw Seeds 95% 2 grams**
- **Black Pepper 5% .1 grams**
- **Adhesive Agent 6-7 teaspoons**

Petroleum Jelly

Shea Butter

TOPICAL OINTMENT TO TREAT INFLAMMATORY CONDITIONS SUCH AS SHINGLES

BACKGROUND OF THE INVENTION

[0001] This patent claims the benefit of provisional patent application 62/073988

[0002] The present invention relates to the treatment of inflammatory conditions, and more particularly to a formulation or composition for topical administration that is designed to treat itching due to inflammatory conditions such as acne, eczema, shingles, psoriasis, insect bites, and hives.

SUMMARY OF THE INVENTION

[0003] Generally speaking, in accordance with the invention, it has been discovered that topical inflammatory conditions more specifically shingles, can be effectively treated with Paw Paw Seeds Ointment ("PAWPAW") in order to lessen or eliminate inflammation. In the inventive formulation, paw paw seeds in a granulized or micro-granulized form, and preferably combined with one or more adhesive agents in order to form a pharmaceutical cream or ointment.

[0004] The above and other objects, features and advantages of the present invention should become even more readily apparent to those skilled in the art upon a read in of the following detailed description in conjunction with the drawings wherein there is shown and described illustrative embodiments of the invention.

BRIEF DESCRIPTION OF DRAWINGS

[0005] This invention is described by appended claims in relation to description of a preferred embodiment with reference to the following drawings which are described briefly as follows:

[0006] FIG. 1 illustrates a table that shows results of trials of the ointment.

[0007] FIG. 2 illustrates the formulation

DETAILED DESCRIPTION OF THE INVENTION

[0008] The present invention provides a novel treatment for topical inflammatory conditions such as acne, eczema, shingles, psoriasis, insect bites, and hives. The treatment consists of the application of a cream or ointment which incorporates granulized pawpaw seeds. The cream or ointment is applied to the effected area on the skin.

[0009] The aims of treatment are to limit the severity and duration of pain, shorten the duration of a shingles episode, and reduce complications. However, a study on untreated herpes zoster shows that, once the rash has cleared, postherpetic neuralgia is very rare in people under 50 and wears off in time; in older people the pain wore off more slowly, but even in people over 70, 85% were pain free a year after their shingles outbreak.

[0010] The inventive cream is prepared by making a suspension of ground pawpaw seeds within an adhesive agent by mixing the two together. Papaya or Paw Paw is the fruit of the plant *Carica papaya*, the sole species in the genus *Carica* of the plant family Caricaceae. The formulation further comprises adding granulized black pepper to the mixture. Black pepper (*Piper nigrum*) is a flowering vine in

the family Piperaceae, cultivated for its fruit, which is usually dried and used as a spice and seasoning. The fruit, known as a peppercorn when dried, is approximately 5 millimetres (0.20 in) in diameter, dark red when fully mature, and, like all drupes, contains a single seed. Peppercorns, and the ground pepper derived from them, may be described simply as pepper, or more precisely as black pepper (cooked and dried unripe fruit).

[0011] The granulized Paw Paw Seeds of the inventive formulation come from a fruit that is a small yellowish-green to brown berry, 2-6 in long and 1-3 inches broad weighting from 0.7-18 oz., The fruit further contains brown seeds ½ to n 1 inch in diameter embedded in a soft edible fruit pulp. The fruit is preferably grown from the species of pawpaw from Ghana. The main agent in the composition of the present invention comprises granules of seeds from the pawpaw fruit. It is important that the pawpaw seeds are granulized to the point so that it makes intimate contact with the skin. The particle size should be between 0.1 to 10 microns in size. The weight percentage of the granulized seeds in the composition is between 1% and 2%.

[0012] An adhesive agent is used to act as a thickener that holds the granules together when placed upon the skin. Petroleum Jelly is a white petrolatum, soft paraffin semi-solid mixture of hydrocarbons. Petroleum Jelly has a melting point of a few degrees of human body temperature and is moisture or water repellent. It is colorless or has a pale yellow color, translucent and devoid of taste and smell when pure. When placed on skin it prevents moisture loss thereby preventing chapping of the skin. The weight percentage of the adhesive agent in the composition is between 1% and 2%.

[0013] An alternative adhesive agent is Shea Butter Shea an off-white or ivory-colored fat extracted from the nut of the African shea tree (*Vitellaria paradoxa*). It is widely used in cosmetics as a moisturizer, salve or lotion. Shea butter is edible and is used in food preparation in Africa. Another alternative adhesive agent is Cocoa butter, also called the obroma oil, is a pale-yellow, edible vegetable fat extracted from the cocoa bean. It is used to make chocolate, as well as some ointments, toiletries, and pharmaceuticals. Cocoa butter has a cocoa flavor and aroma.

[0014] The inventive cream composition further comprises granules of black pepper which come from the species. The weight percentage of the black pepper in the composition is between 1% and 2%.

[0015] Nevertheless, as shown in FIG. 1 one trial studying patients older than 50 years of age with localized herpes zoster suggested that administration of the inventive composition improved healing time to 3 to 5 days and quality of life.

What is claimed is:

1. A method for treating topical inflammatory conditions in a being comprising topically administering to said being a composition comprising an effective amount of granulized pawpaw seeds.
2. The method of claim 1 wherein the composition further includes a black pepper and an adhesive agent.
3. The method of claim 2 wherein the adhesive agent in petroleum jelly.
4. The method of claim 2 wherein the adhesive agent is shea butter.
5. A composition produced by the method of claim one.

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