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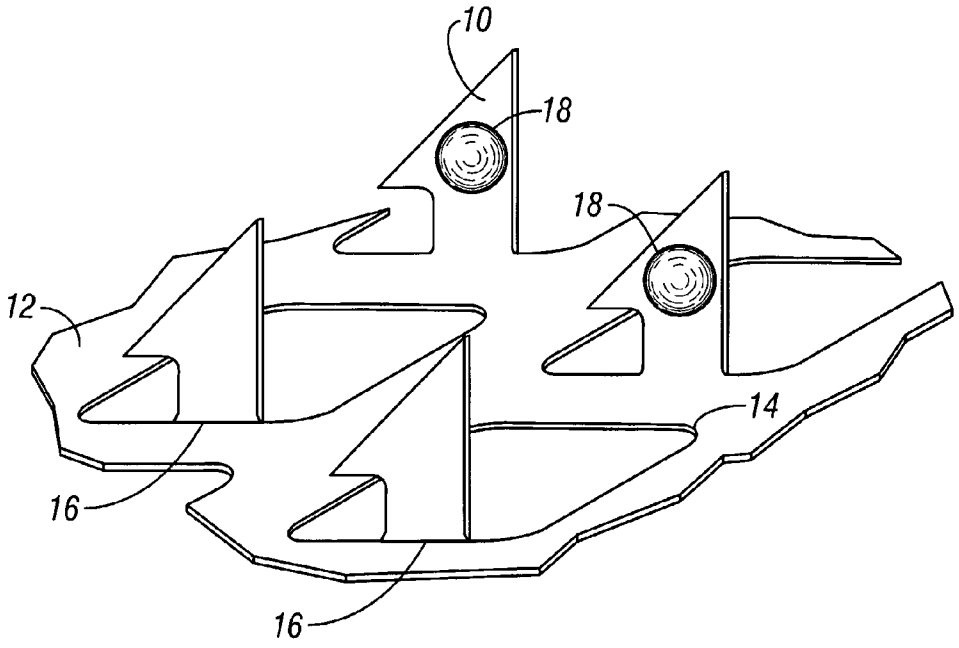
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(54) Title: TRANSDERMAL VACCINE DELIVERY DEVICE HAVING COATED MICROPROTRUSIONS



(57) Abstract: A device and method are provided for percutaneous transdermal delivery of a immunologically active agent. The agent is mixed with appropriate surfactants and dissolved in water to form an aqueous coating solution having the appropriate concentration for coating extremely tiny skin piercing elements. The coating solution is applied to the skin piercing elements using known coating techniques and then dried. The device is applied to the skin of a living animal, causing the microprotrusions to pierce the stratum corneum and deliver a immunologically effective dose of the immunologically active agent to the animal.

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