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(54) **Title**: REDUCED-PRESSURE DRESSINGS, SYSTEMS, AND METHODS EMPLOYING DESOLIDIFYING BARRIER LAYERS

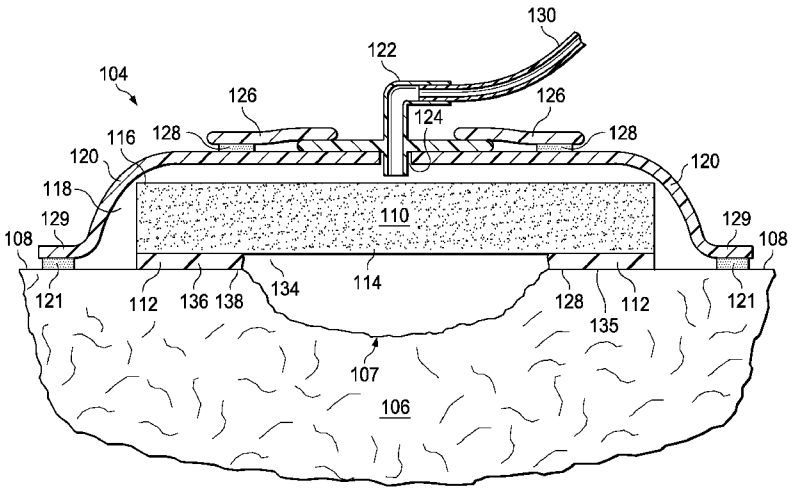


FIG. 1B

(57) **Abstract**: Reduced-pressure medical dressings, systems, and methods involve a dressing with a first barrier layer that desolidifies when exposed to a fluid — typically a liquid — to form a treatment aperture in the first barrier that is used to deliver reduced pressure to a tissue site. The first barrier layer is formed from a desolidifying material. The system includes a drape covering a second surface of a manifold and a portion of the patient's epidermis to provide a substantially sealed space containing a manifold and the first barrier layer. Other systems, dressings, and methods are also disclosed.

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