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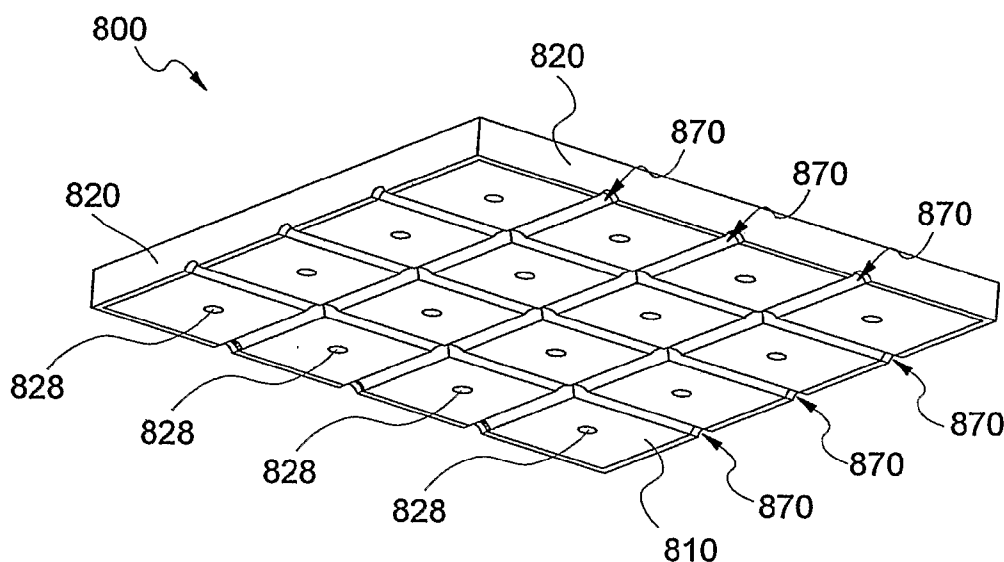
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(54) Title: COMPOSITE CEMENT-FOAM PANEL AND ROOF DECK SYSTEM



(57) Abstract: A roof or deck cladding panel and construction. Each cladding panel has a light weight core material, with one or more channels formed by grooves extending across a bottom surface of the core material. A rigid concrete casing is formed over a top and sides of the core material and extends to the bottom edges of the core material. The grooves in the bottom of the core material extend through bottom portions of the rigid casing, forming at least one continuous channel across the bottom of the cladding panel. Thus, water beneath the cladding panel is presented an open passage to flow to a drainage, eliminating the need to attempt to waterproof or seal the joints between cladding panels. The cladding panels are laid down directly onto a membrane to protect the membrane, and are immediately ready for foot traffic.

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