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(71) Applicant: BAXTER INTERNATIONAL INC.

[US/US]; Patricia A. Koppelman - RLP-30, One Baxter Parkway, Deerfield, IL 60015 (US).

(72) Inventors: PEKKARINEN, Michael, O.; 33 Cedar Lane, Lincolnshire, IL 60069 (US). BRAUKER, James; 3281 South Walkup, Flagstaff, AZ 28601 (US).

(74) Agents: BARRETT, Joseph, B.: Baxter Healthcare Corporation, Route 120 & Wilson Road, Round Lake, IL 60073 et al. (US).

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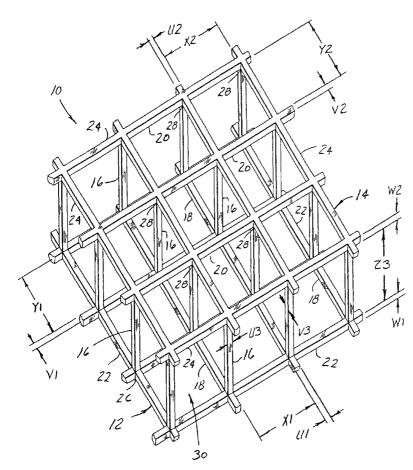
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(54) Title: POROUS THREE DIMENSIONAL STRUCTURE



(57) Abstract: A porous three dimensional structure (10) for implantation in a host animal capable of producing an inflammatory foreign body response. The structure includes first and second layers (12, 14) spaced by a plurality of posts (16) having a predetermined length connecting the first and second layers. Each of the layers has a plurality of openings (18, 20) of a predetermined size permitting fluids and inflammatory cells of the animal to pass through the openings and migrate into an interior volume (30) defined by the first and second layers. The size of the openings and length of the posts promote a non-flattened morphology of the cells. The structure promotes vascularization adjacent to the structure when implanted into the animal

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A. CLAS		
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