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Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

— *of inventorship (Rule 4.17(iv))*

[Continued on next page]

(54) Title: FORMING CELL STRUCTURE WITH TRANSIENT LINKER IN CAGE

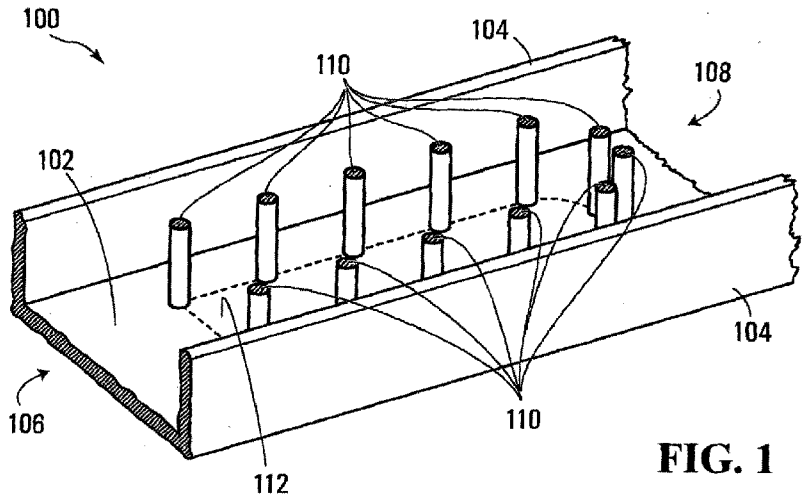


FIG. 1

(57) Abstract: In a method of forming a cellular structure, cells and a transient linker are supplied to a volume partially enclosed by a cage. The linker facilitates initial attachment of adjacent cells to form a cell aggregate. The cage defines distributed openings that are sized to retain the cell aggregate. A fluid comprising a cell culture medium is supplied to the volume. The fluid is withdrawn from the volume through the openings. Aggregated cells retained in the volume are cultured to form a cell structure. A cell culturing device is provided which comprises a conduit and a cage in the conduit. A fluid flows in the conduit. The fluid comprises the cells, the transient linker and the cell culture medium. The cage retains aggregated cells formed in the fluid, and defines distributed openings that allow the fluid to flow through.

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