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(54) Title: BUILDING STRUCTURE WITH INDEPENDENTLY CANTILEVERED STORIES

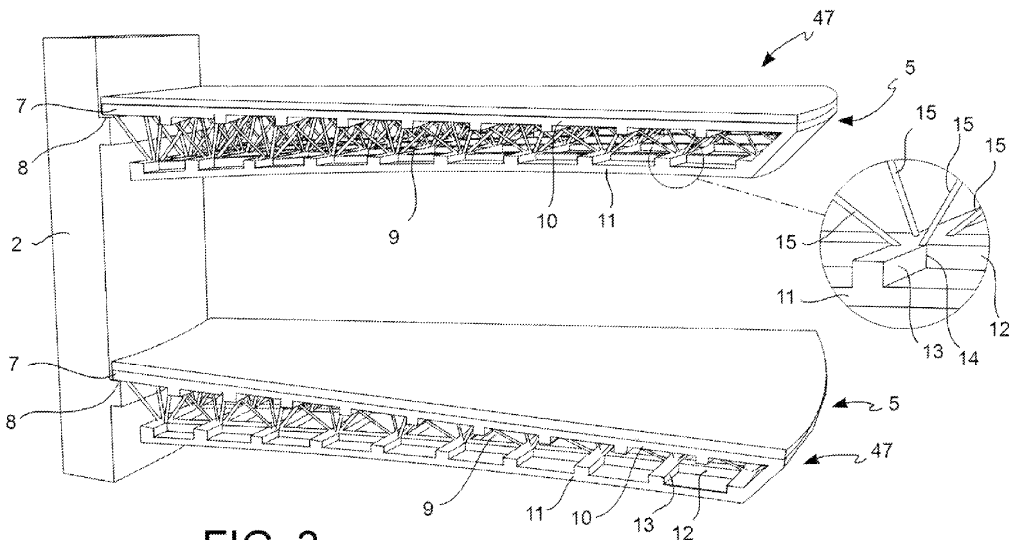


FIG. 3

(57) Abstract: A building structure (1) comprises a core (2) extending upright through and supporting the weight of one or more stories (3) of the building structure (1), each story (3) comprising one or more floor units (4), at least one story (3) forming an outer peripheral portion (5) which defines an outer surface (6) of the story (3), and an inner support portion (7) through which the story (3) is supported by the core (2) via an interface (8) along the perimeter of the core (2), wherein the horizontal cross-section of the core (2) has a substantially circular external perimeter at the level of the interface (8), the interface (8) and the inner support portion (7) of the story (3) hence being both of substantially annular shape, wherein at least one story (3) is stiffened by a space frame (9) extending from the inner support portion (7) to the outer peripheral portion (5) and making the story (3) a self-supporting rigid body cantilevered off the core (2) and structurally independent of all other stories (3), wherein the story (3) transmits gravity-induced loads to the core

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