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(54) Title: PROSTHETIC HEART VALVE HAVING NON-CYLINDRICAL FRAME

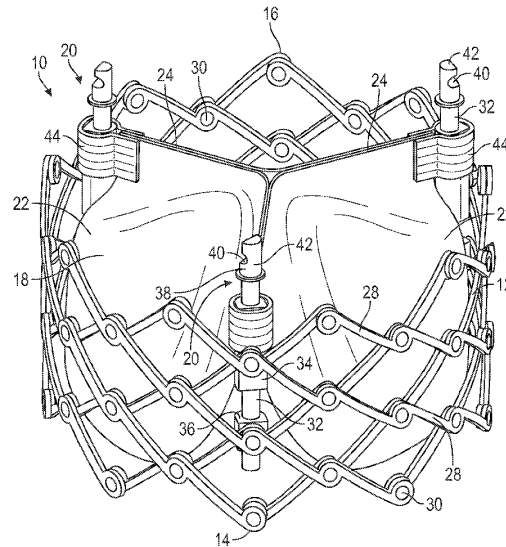


FIG. 1

(57) Abstract: An implantable prosthetic device can include a frame that is radially expandable and compressible between a radially compressed configuration and a radially expanded configuration. The frame can have a first set of a plurality of struts extending in a first direction, and a second set of a plurality of struts extending in a second direction, and each strut of the first set of struts can be pivotally connected to at least one strut of the second set of struts. Each strut can be curved helically with respect to a first, longitudinal axis of the frame, and each struts can be curved with respect to a second axis that is perpendicular to the first, longitudinal axis of the frame.

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