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(71) Applicant: EDWARDS LIFESCIENCES CORPORATION [US/US]; One Edwards Way, Irvine, CA 92614 (US).

(72) Inventors: MIGLIAZZA, John, F.; Edwards Lifesciences, One Edwards Way, Legal Department, Irvine, CA 92614 (US). DE PAULIS, Ruggero; Edwards Lifesciences, One Edwards Way, Legal Department, Irvine, CA 92614 (US).

(74) Agents: KAISER, AnneMarie et al.; Edwards Lifesciences, One Edwards Way, Irvine, CA 92614 (US).

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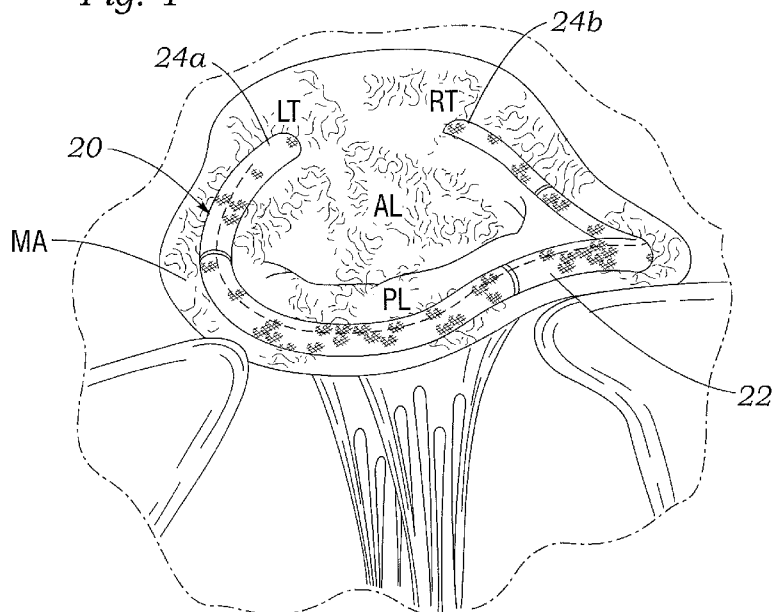
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(54) Title: MULTI-STRANDED HEAT SET ANNULOPLASTY RINGS

Fig. 1



(57) Abstract: An annuloplasty repair segment for heart valve annulus repair. In one embodiment a multi-stranded cable replaces solid core wire for both the tricuspid and mitral valves. Cable allows for greater deployment flexibility for minimally-invasive surgical (MIS) implant, while still maintaining the required strength and similar tensile properties of solid-core wire. Stranded cable provides a MIS annuloplasty ring with sufficient flexibility in the x-y plane to allow a surgeon to squeeze the ring into a small incision, such as being able to pass through an 18Fr or smaller catheter, while maintaining structural rigidity under forces exerted on the implanted ring by the cardiac cycle. The particular shape of the annuloplasty ring is fixed using a heat setting process.