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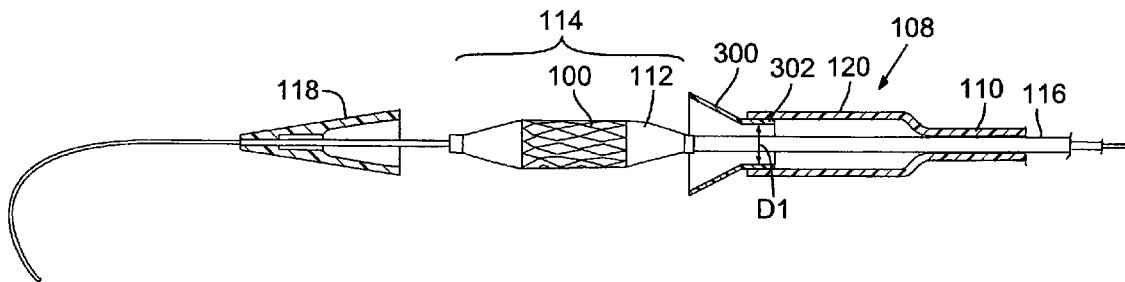
(19) **United States**(12) **Patent Application Publication**
Nitzan et al.(10) **Pub. No.: US 2009/0093876 A1**(43) **Pub. Date: Apr. 9, 2009**(54) **RECOIL INHIBITOR FOR PROSTHETIC VALVE****Related U.S. Application Data**

(60) Provisional application No. 60/969,522, filed on Aug. 31, 2007.

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Irvine, CA (US)**Publication Classification**(51) **Int. Cl.**
A61F 2/24 (2006.01)
(52) **U.S. Cl.** **623/2.11**(57) **ABSTRACT**

A valve loading apparatus is provided for loading a crimped prosthetic valve into a lumen of a delivery system. The valve recoil adapter can counteract recoil of a compressed prosthetic valve, and maintain the valve at its desired crimp diameter. An integrated bioprosthesis/delivery system is provided for delivering a bioprosthesis to a target area within a body lumen is provided. The delivery system includes a valve covering member and a compressing member, which compresses the valve covering member to surround, hold, and/or compress the valve during delivery to the target area.

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Edwards Lifesciences v. Boston Scientific
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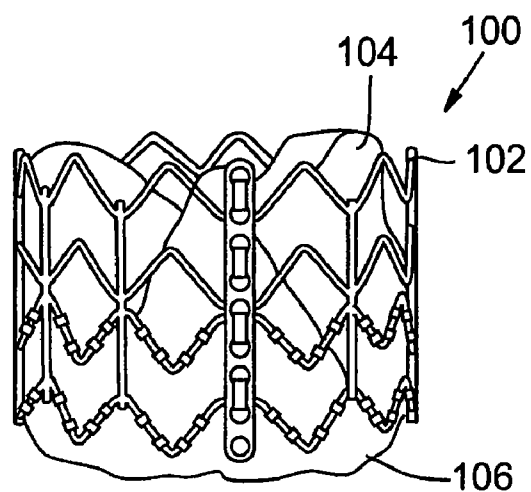


FIG. 1A

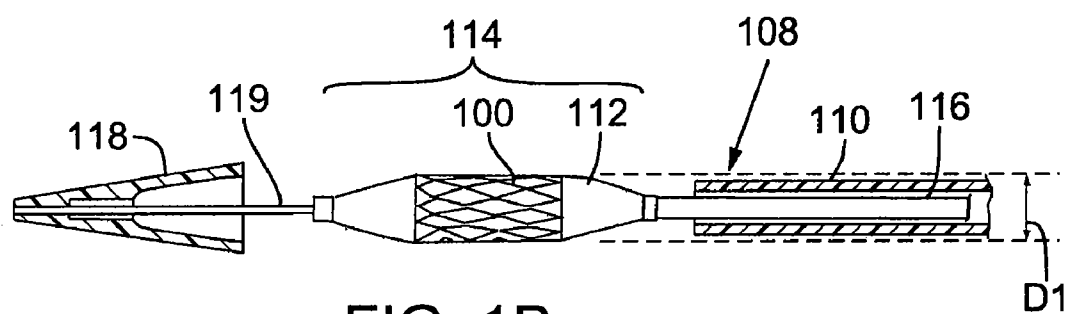


FIG. 1B

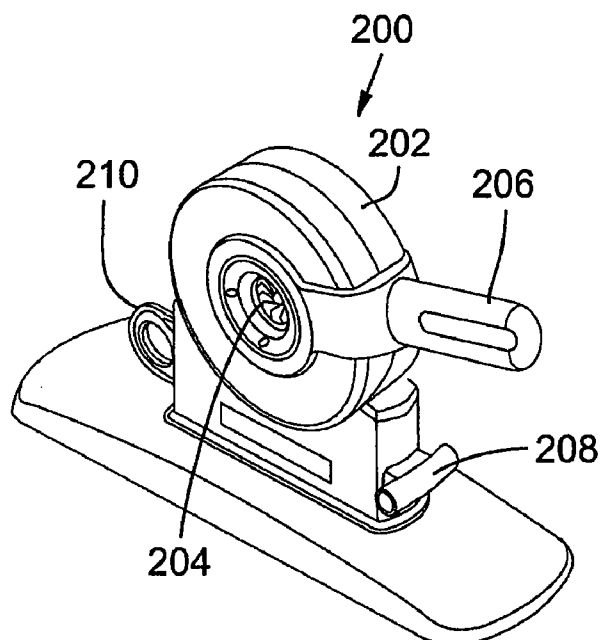


FIG. 2

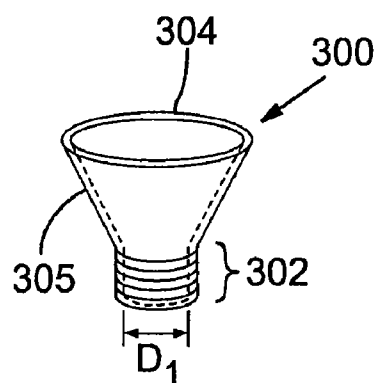


FIG. 3A

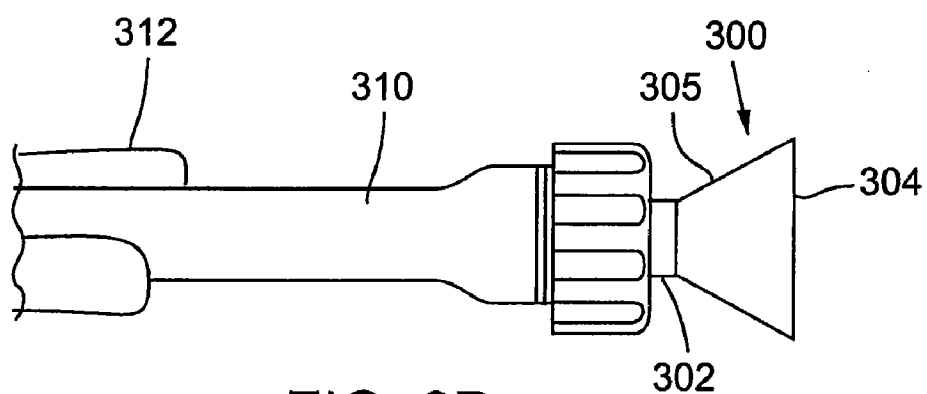
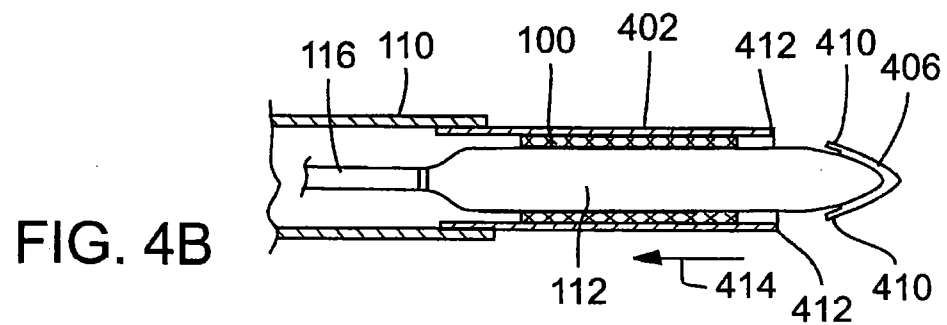
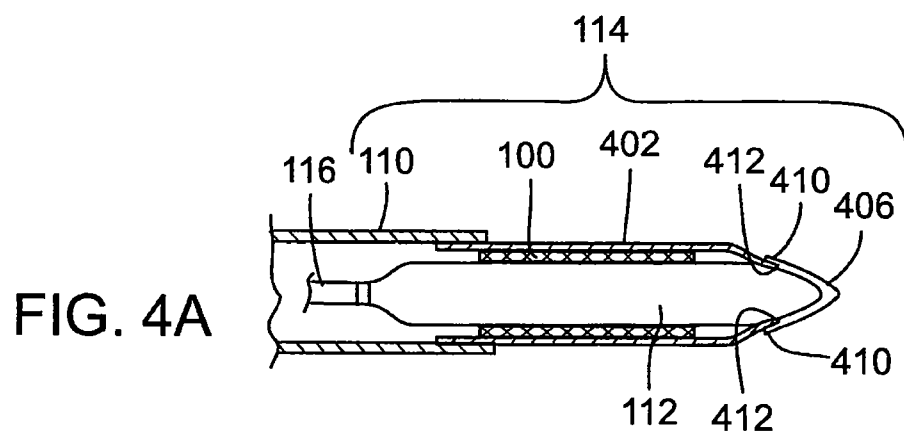
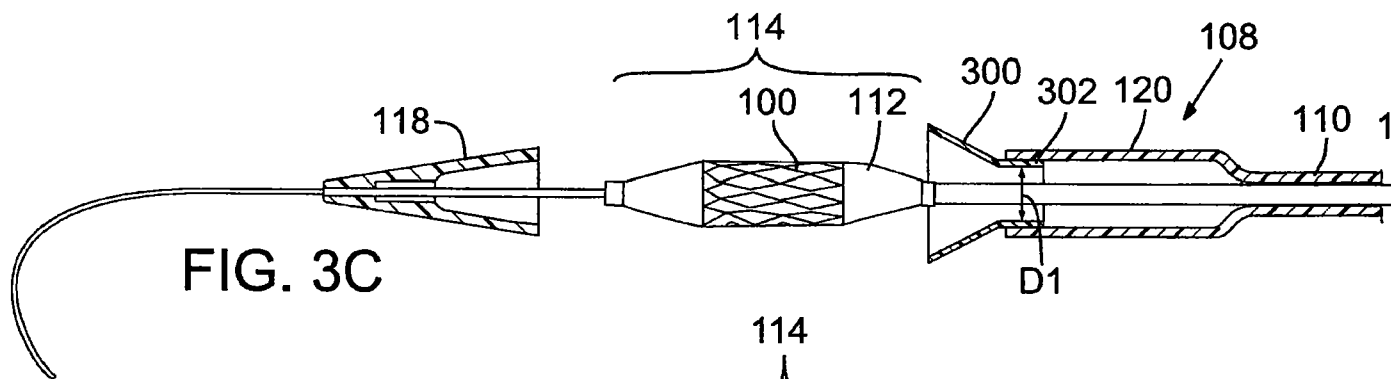


FIG. 3B



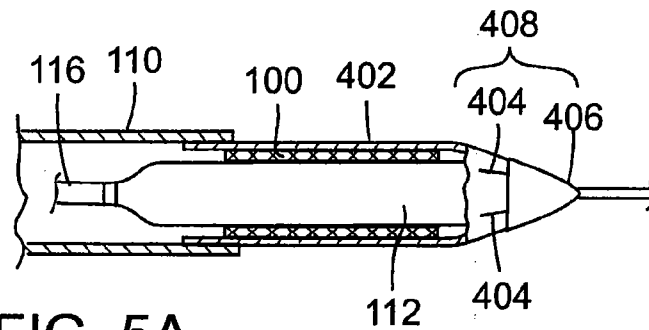


FIG. 5A

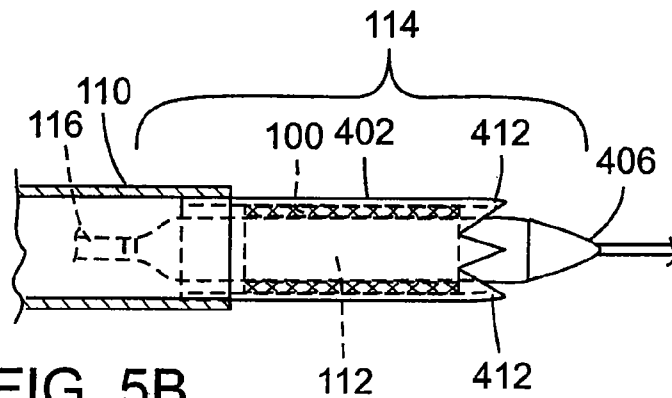


FIG. 5B

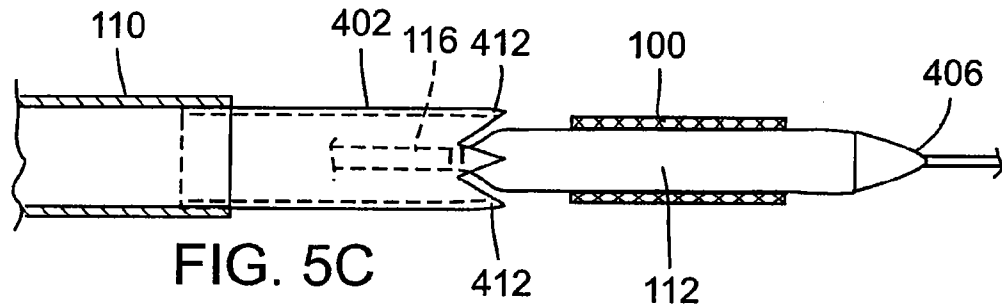


FIG. 5C

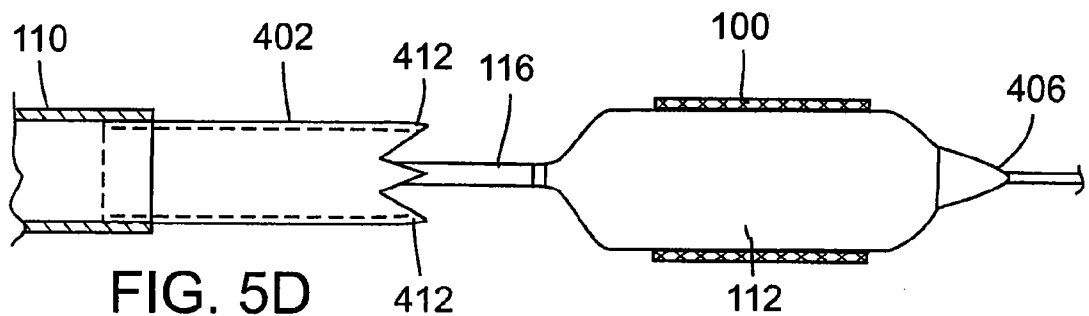


FIG. 5D

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