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Wiktor

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[54] INTRAVASCULAR STENT

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Related U.S. Application Data

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[51] **Int. Cl.**[5] **A61N 29/02**; A61F 2/06

[52] **U.S. Cl.** **606/195**; 623/1; 604/104; 606/192

[58] **Field of Search** 604/96, 104, 105; 606/191, 192, 194, 195; 623/1, 11

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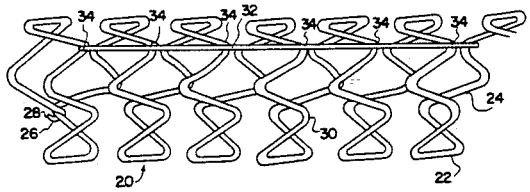
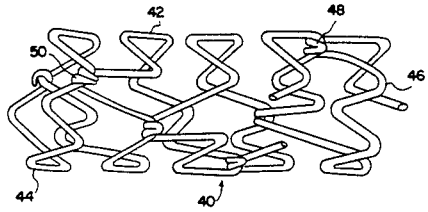
[57] **ABSTRACT**

A stent for implantation into a body vessel in which a cylindrical stent body coiled from a generally continuous wire with a deformable zig-zag structure is provided with means for preventing the stent body from stretching along its longitudinal axis. This stent is especially useful when implanting very long stents by means of balloon expansion.

12 Claims, 9 Drawing Sheets