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United States Patent [19]

Morales

Oct. 26, 1999 **Date of Patent:** [45]

5,972,016

[54]	STENT C OF USE	RIMPING DEVICE AND METHOD
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[73]	Assignee:	Advanced Cardiovascular Systems, Inc., Santa Clara, Calif.
[21]	Appl. No.:	08/837,771
[22]	T21. J.	A 22 1007

[22] Filed: Apr. 22, 1997 [51] Int. Cl.⁶ A61M 29/00 [52] **U.S. Cl.** 606/198; 606/1

606/194, 195, 198, 200; 623/1, 12; 128/898, 899; 29/234, 235, 282, 283

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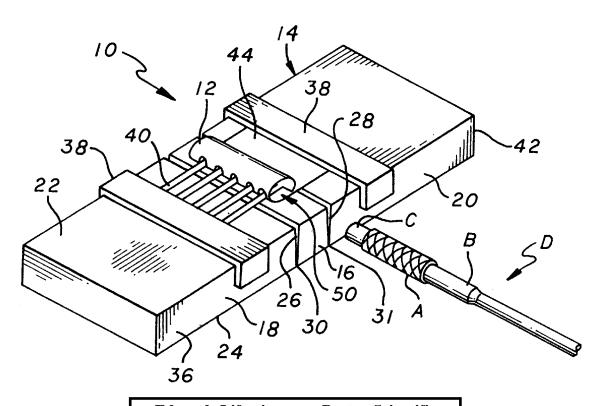
The eXTraordinary Stent, C.R. Bard Brochure (Undated).

Primary Examiner—William Lewis Attorney, Agent, or Firm-Fulwider Patton Lee & Utecht, LLP

[57] **ABSTRACT**

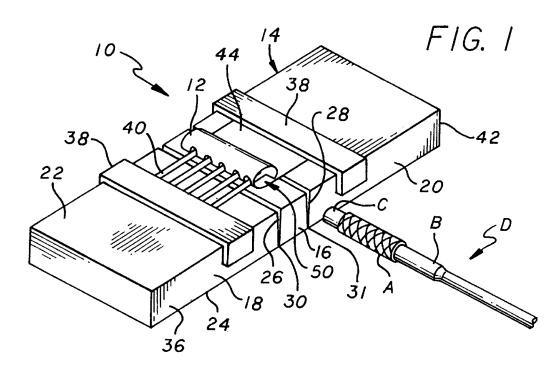
A device and method for enabling substantially uniform and tight crimping of an intravascular stent onto a balloon catheter assembly. The device has a base portion having an intermediate portion and pivoting arm portions attached thereto. A loop portion is attached at its end portions to the pivoting handle portions. The loop portion has a compressible and generally cylindrical opening which is substantially uniformly compressible radially inwardly upon pivoting the arm portions downwardly from the intermediate portion. This substantially uniformly and tightly crimps the stent onto the catheter portion which is inserted therein.

10 Claims, 5 Drawing Sheets

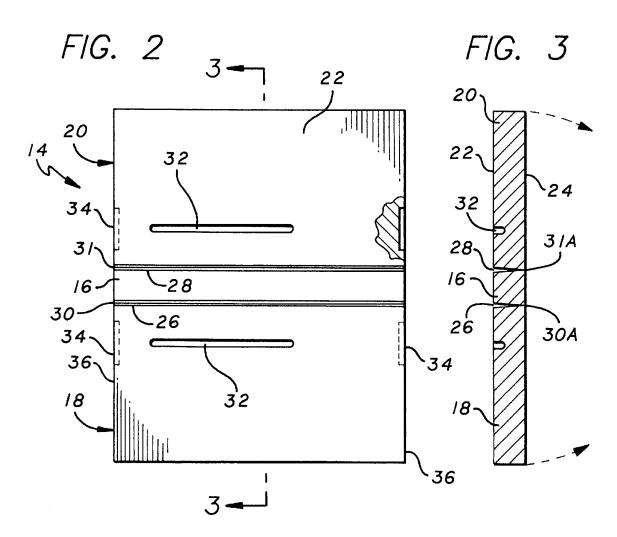




Edwards Lifesciences v. Boston Scientific U.S. Patent No. 6,915,560 IPR2017-00444 EX. 2041



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FIG. 4

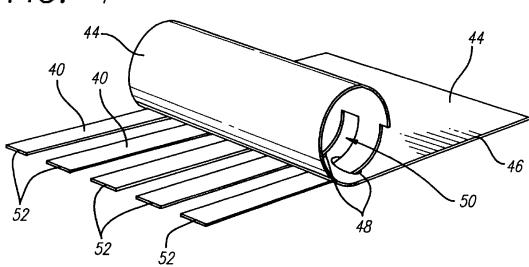
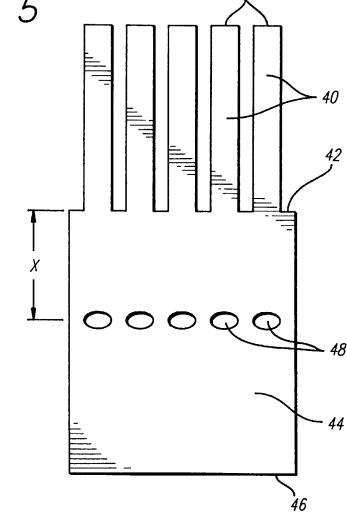
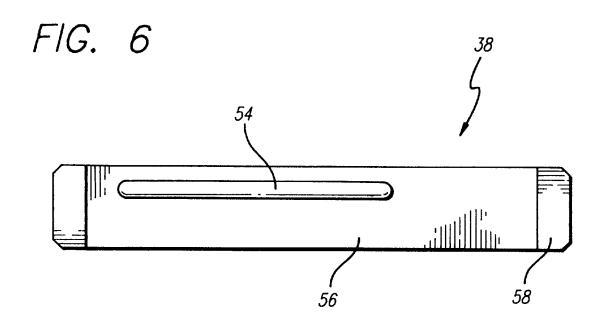
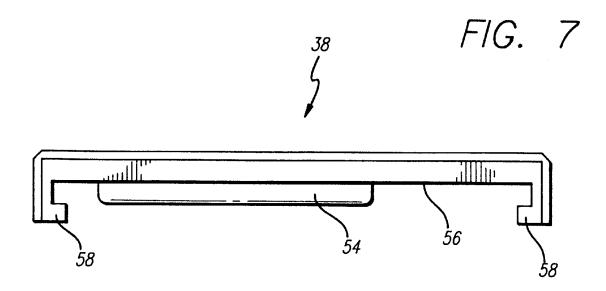
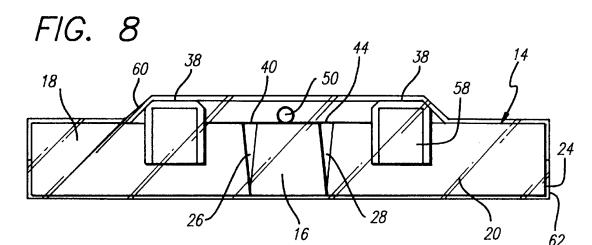


FIG. 5

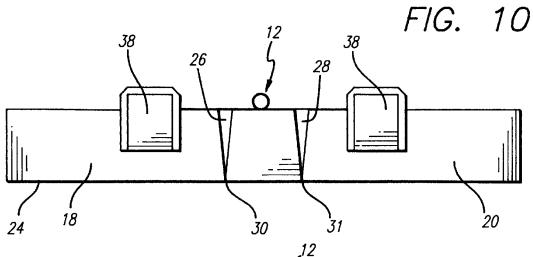


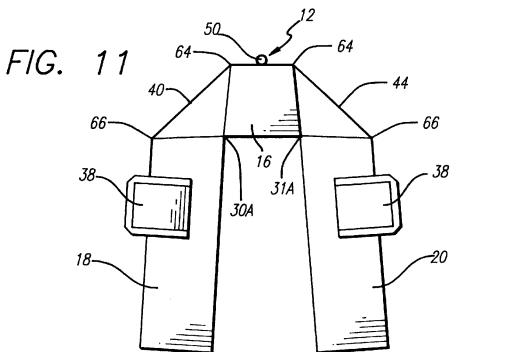






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