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United States Patent [19]

Morales Date of Patent: Feb. 15, 2000 [45]

[11]

[54]	STENT CRIMPING DEVICE		
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[22]	Filed:	Feb. 25, 1998	
		A61B 17/00	

[56] **References Cited**

[58]

U.S. PATENT DOCUMENTS

623/1, 12; 81/345; 29/282

696,289	3/1902	Williams .
2,553,479	5/1951	Schmarje et al 81/345
4,468,224	8/1984	Enzmann et al
4,576,142	3/1986	Schiff.
4,644,936	2/1987	Schiff.
4,681,092	7/1987	Cho et al
4,697,573	10/1987	Schiff.
4,901,707	2/1990	Schiff.
4,907,336	3/1990	Gianturco .
5,132,066	7/1992	Charlesworth et al
5,133,732	7/1992	Wiktor .
5,183,085	2/1993	Timmermans .
5,189,786	3/1993	Ishikawa et al
5,437,083	8/1995	Williams et al
5,546,646	8/1996	Williams et al
5,626,604	5/1997	Cottone, Jr
5,630,830	5/1997	Verbeek .
5,653,691	8/1997	Rupp et al
5,672,169	9/1997	Verbeek 606/192 X
5,725,519	3/1998	Penner et al 606/1
5,738,674	4/1998	Williams et al
5,746,764	5/1998	Green et al

5,783,227	7/1998	Dunham .
5,785,715	7/1998	Schatz.
5,810,838	9/1998	Solar 606/198 X
5,810,873	9/1998	Morales 606/198
5,836,952	11/1998	Davis et al
5,860,966	1/1999	Tower 606/1
5,893,867	4/1999	Bagaoisan et al 606/198
5,911,452	6/1999	Yan

FOREIGN PATENT DOCUMENTS

159065 WO 98/14120		United Kingdom . WIPO .
WO 98/19633	-,	WIPO .

OTHER PUBLICATIONS

U.S. Patent application Ser. No. 08/795,335 filed Feb. 4,

U.S. Patent application Ser. No. 08/837,771 filed Apr. 22,

U.S. Patent application Ser. No. 08/089,936 filed Jul. 15,

U.S. Patent application Ser. No. 08/962,632 filed Nov. 3,

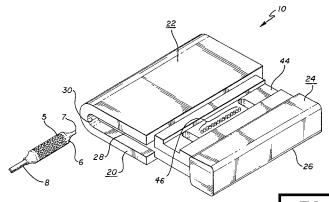
The eXTraordinary Stent, C.R. Bard Brochure (Undated).

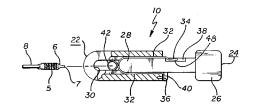
Primary Examiner—Jeffrey A. Smith Attorney, Agent, or Firm—Fulwider Patton Lee & Utecht, LLP

ABSTRACT [57]

A slidably-engageable device for enabling effective crimping of an intravascular stent onto a balloon catheter assembly. The stent crimping device includes at least one compressible and releasable loop portion which enables the stent and catheter assembly to be supported thereon, and is compressible radially inwardly to effectively crimp the stent onto the balloon catheter assembly.

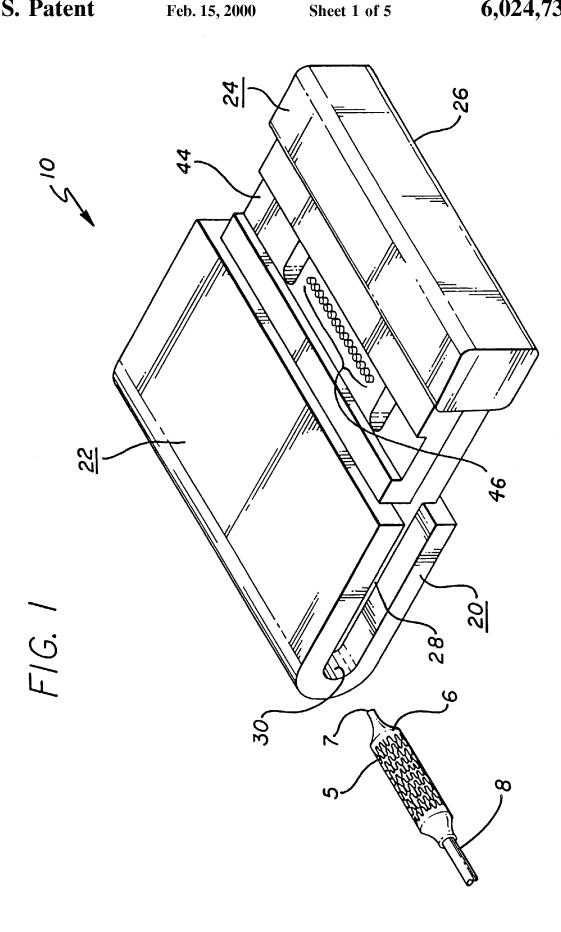
20 Claims, 5 Drawing Sheets



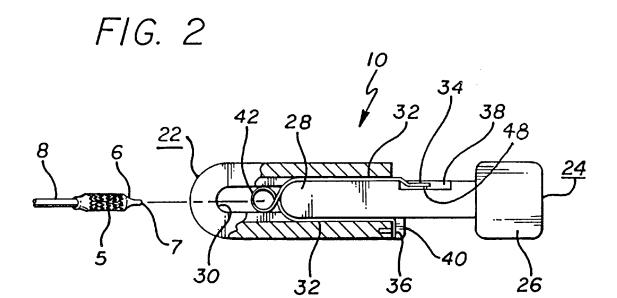


Edwards Lifesciences v. **Boston Scientific** U.S. Patent No. 6,915,560 IPR2017-00444 EX. 2045

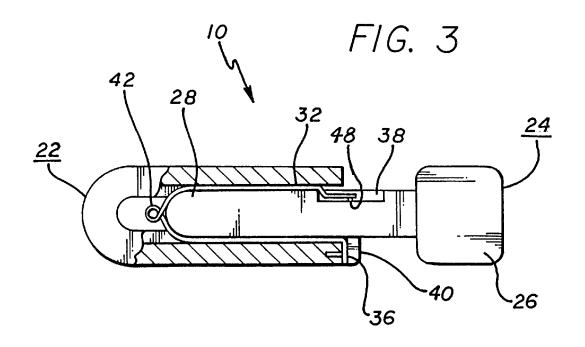




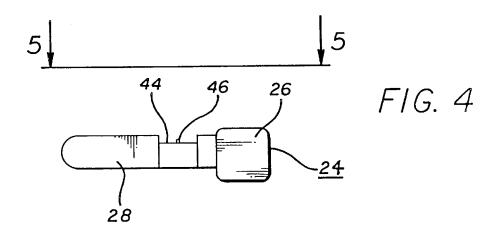


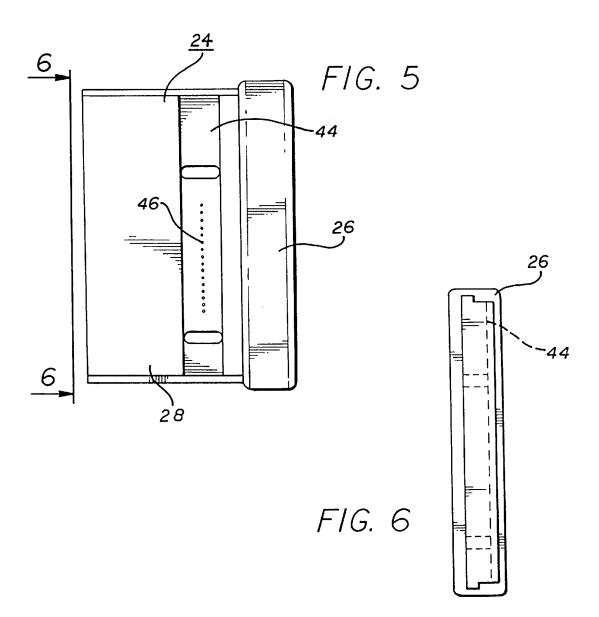


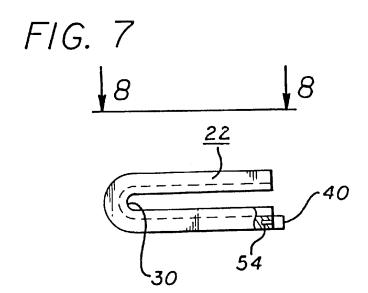
Feb. 15, 2000





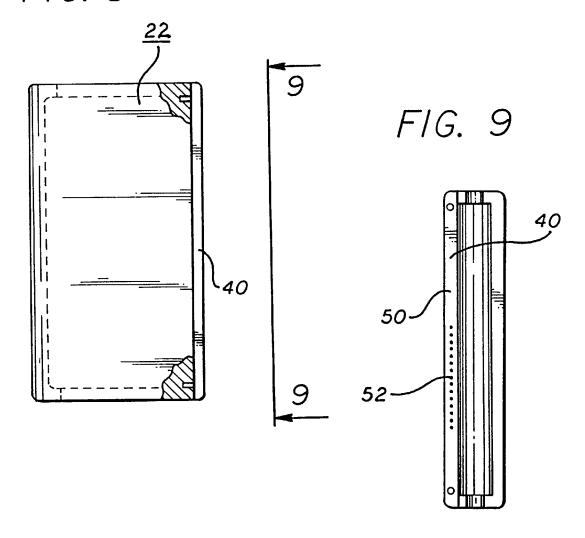






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FIG. 8





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