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**Fontaine** 

[54]	VASCULAR STENT				
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United States Patent [19]

### Related U.S. Application Data

[63]	Continuation of Ser. No. 858,304, Mar. 25, 1992, aban-
	doned.

[51]	Int. Cl. <sup>5</sup>	A61F 2/00
Ĩ52Ī	U.S. Cl	623/1; 606/198
		623/12

[58] Field of Search ...... 606/198, 200; 623/1, 623/11, 12, 900

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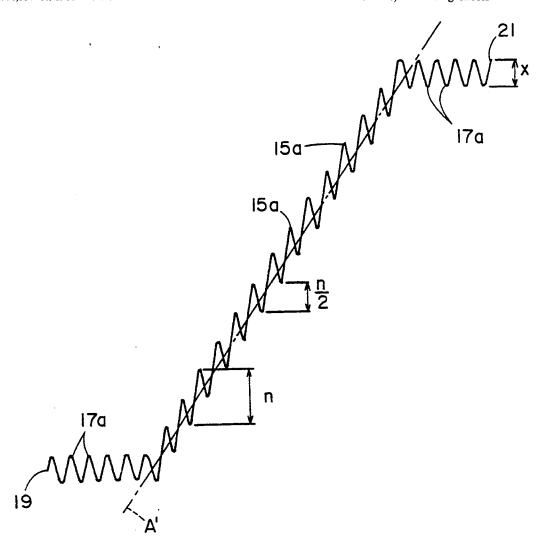
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Primary Examiner-C. Fred Rosenbaum Assistant Examiner-N. Kent Gring Attorney, Agent, or Firm-Richard J. Godlewski

**ABSTRACT** 

A vascular stent for reducing hemodynamic disturbances caused by angioplasty. The stent is formed from a single filament of low memory biocompatible material having a series of U-shaped bends. The filament is wrapped around a mandril, in a circular fashion, in order to align the curved portions of each bend which may then be connected. The stent provides a maximum amount of structural support for the lumen while minimizing hemodynamic disturbances inside the lumen.

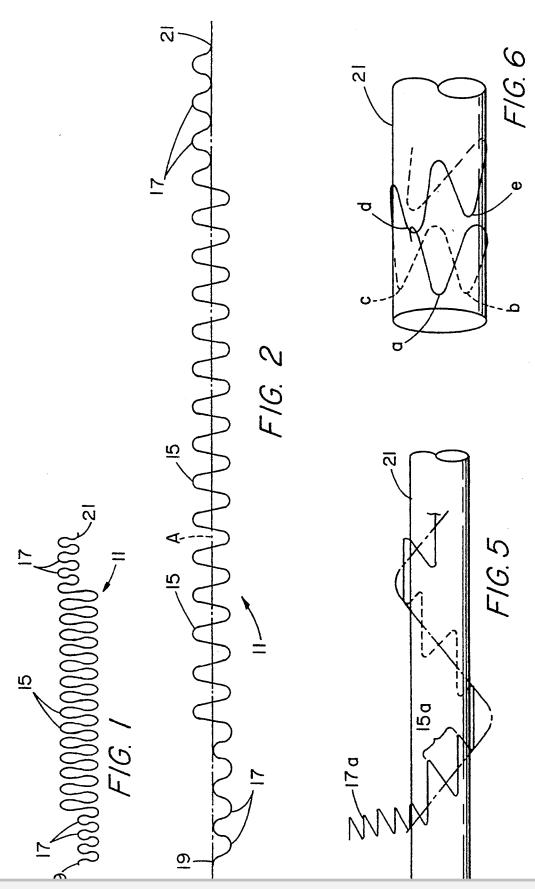
14 Claims, 6 Drawing Sheets





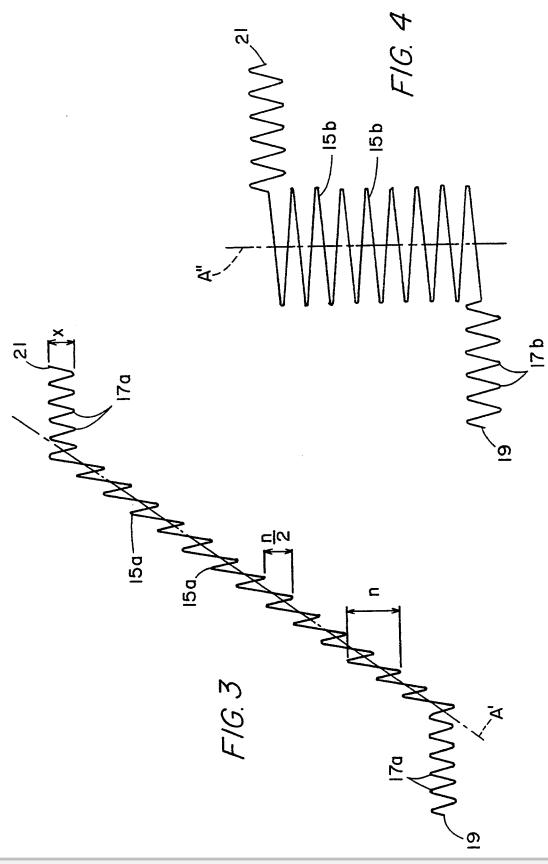
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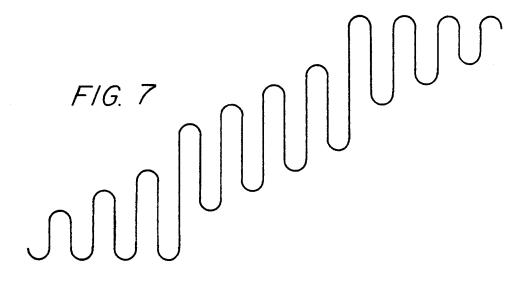


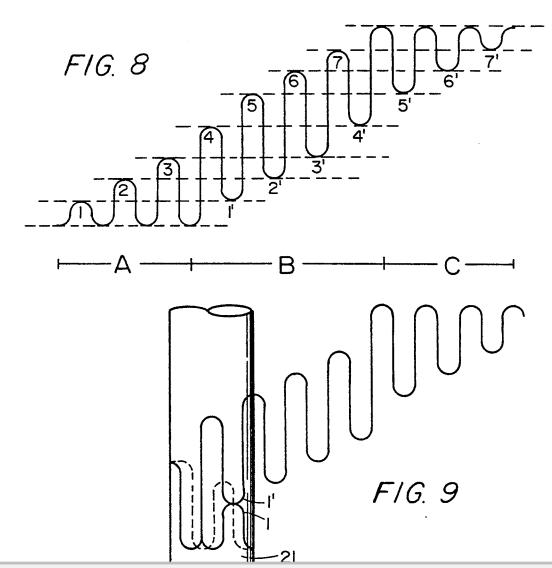


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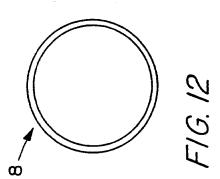




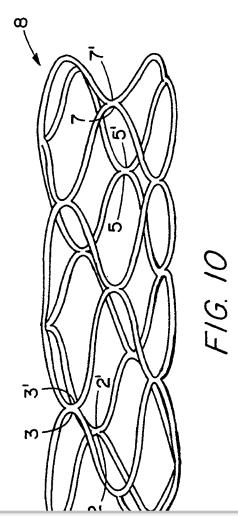


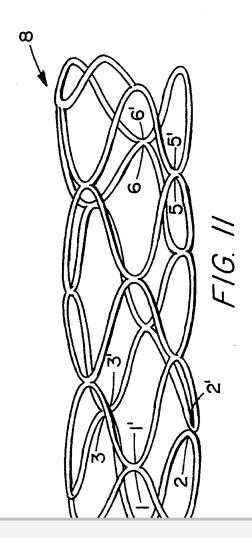






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