



United States Patent [19]
Humphrey et al.

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[54] **STENT CRIMPER**
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[21] Appl. No.: **08/951,550**

[22] Filed: **Oct. 16, 1997**

[51] **Int. Cl.⁶** **B21D 39/00**

[52] **U.S. Cl.** **29/516; 29/282; 29/283.5**

[58] **Field of Search** 29/282, 423, 516, 29/517, 234, 235, 283, 283.5; 606/1, 108, 198; 623/1

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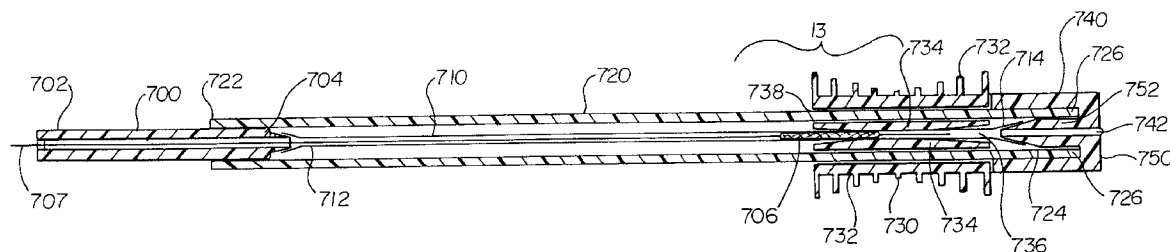
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Assistant Examiner—Jermie E. Cozart

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[57] **ABSTRACT**

An apparatus for crimping a stent to a catheter as well as a method for crimping a stent to a catheter are disclosed in several embodiments. The apparatus in its various embodiments involves the application of a uniform radially inward force to a compressible tube in which the stent and catheter are situated.

21 Claims, 9 Drawing Sheets



Edwards Lifesciences v. Boston Scientific
U.S. Patent No. 6,915,560
IPR2017-00444 EX. 2027

Fig. 1

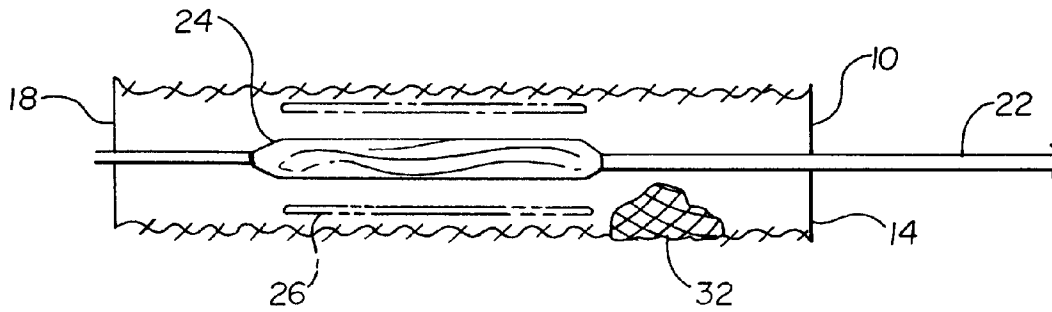


Fig. 2

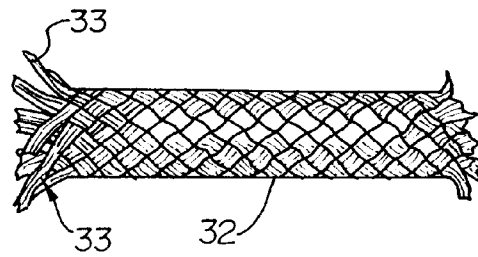


Fig. 3

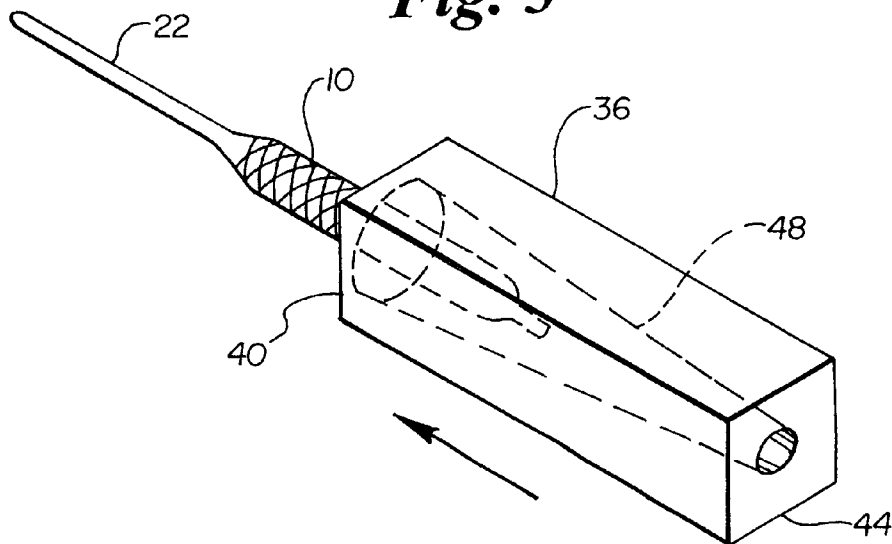


Fig. 4

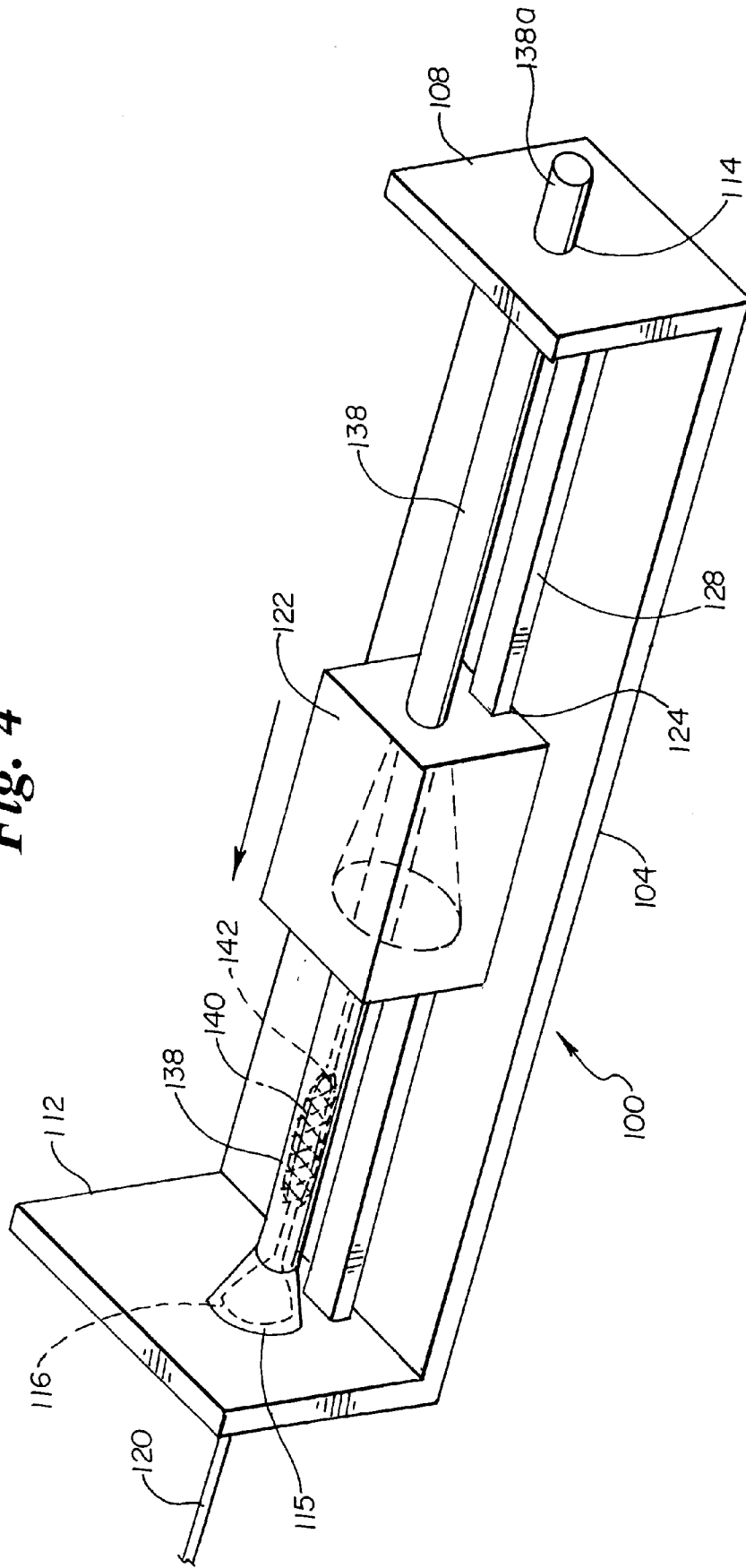


Fig. 5

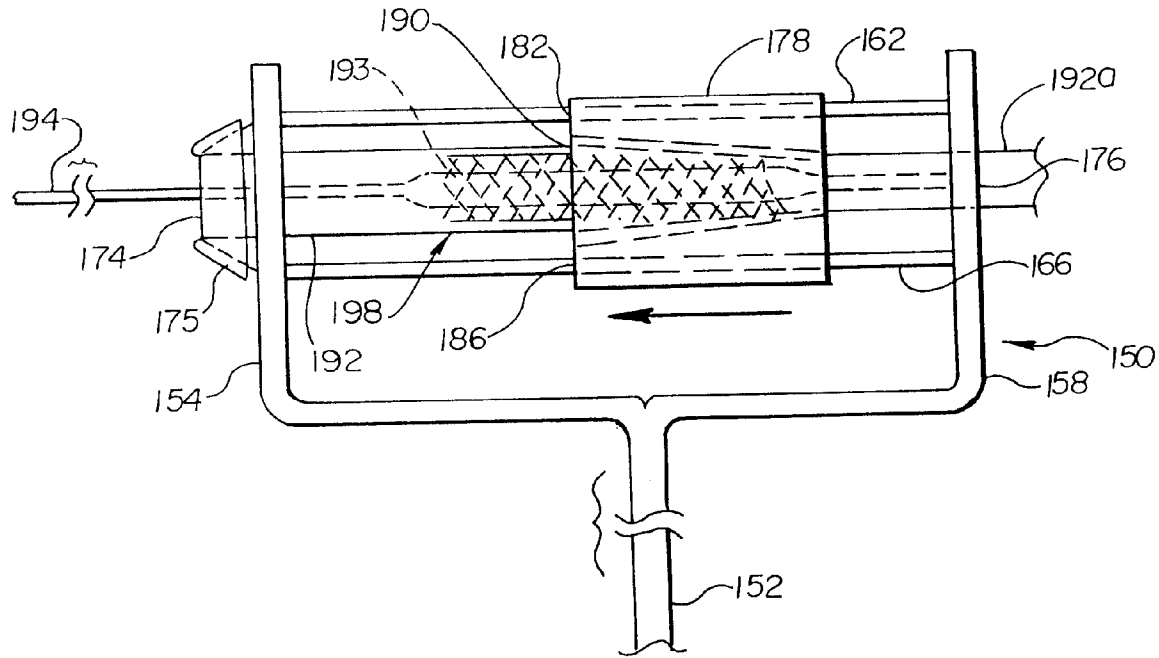


Fig. 6

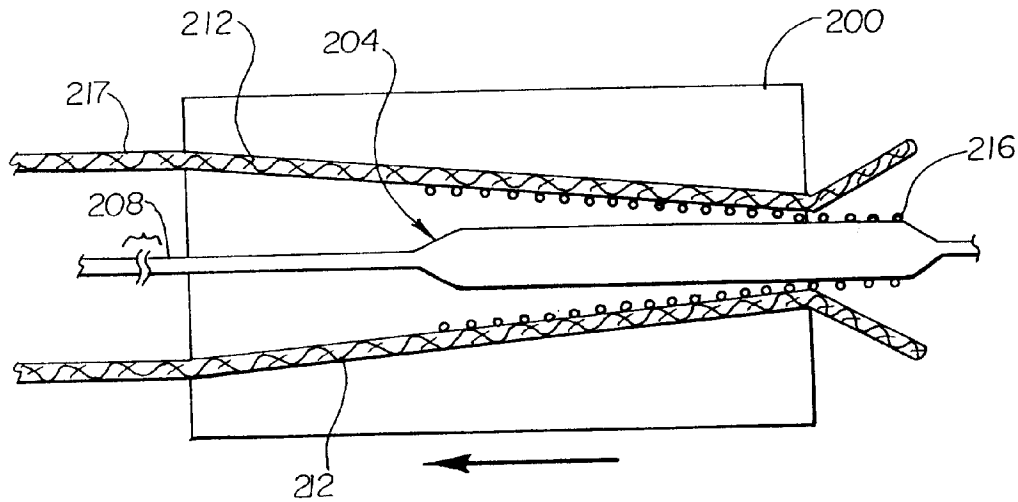


Fig. 7

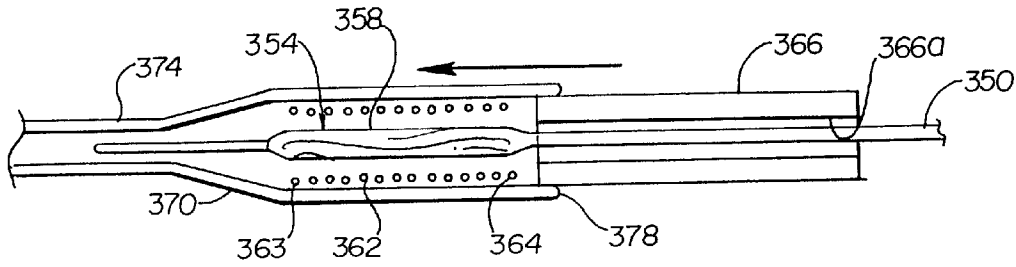


Fig. 8

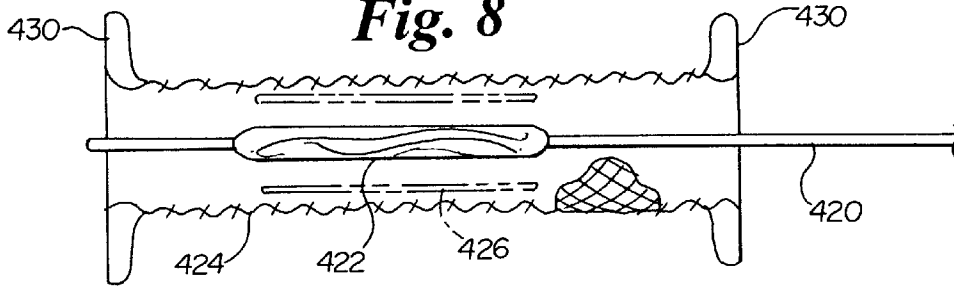


Fig. 10a

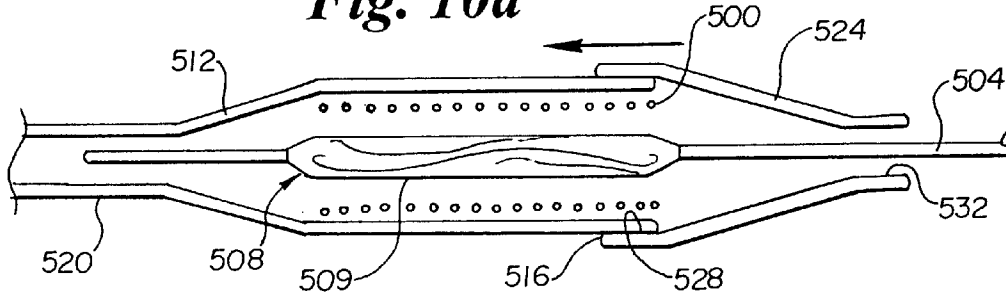


Fig. 10b

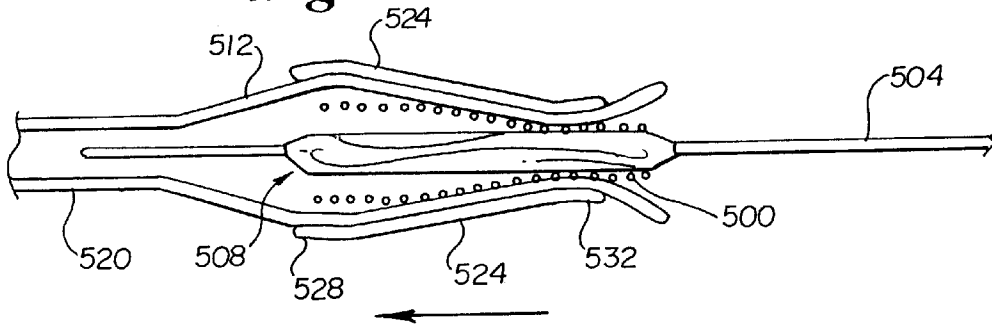
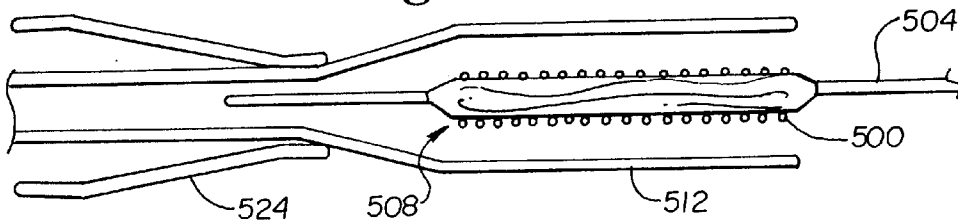


Fig. 10c



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