



[54] STENT CRIMPING DEVICE AND METHOD OF USE

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[51] Int. Cl.⁷ A61F 11/00

[52] U.S. Cl. 606/108

[58] Field of Search 606/108, 194, 606/198; 623/1, 11, 12

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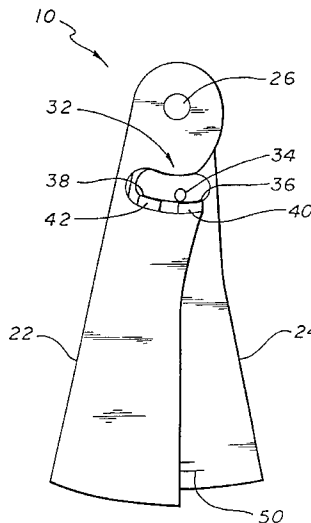
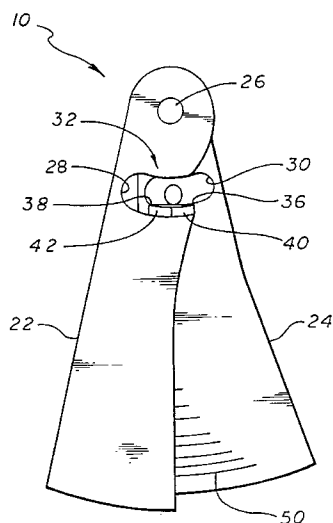
- U.S. Patent Application Serial No. 08/795,335 filed Feb. 4, 1997 No Drawings are enclosed.
- U.S. Patent Application Serial No. 08/837,771 filed Apr. 22, 1997.
- U.S. Patent Application Serial No. 08/893,936 filed Jul. 15, 1997.
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Assistant Examiner—Vy Q. Bui
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[57] ABSTRACT

A pivotally-engageable device for enabling uniform and tight crimping of an intravascular stent onto a balloon catheter assembly. The stent crimping device includes at least one releasable loop portion that enables the stent and catheter assembly to be supported therein. The ends of the loop portion are moved in opposite directions thereby reducing the size of loop radially inwardly to uniformly and tightly crimp the stent onto the balloon catheter assembly.

12 Claims, 7 Drawing Sheets



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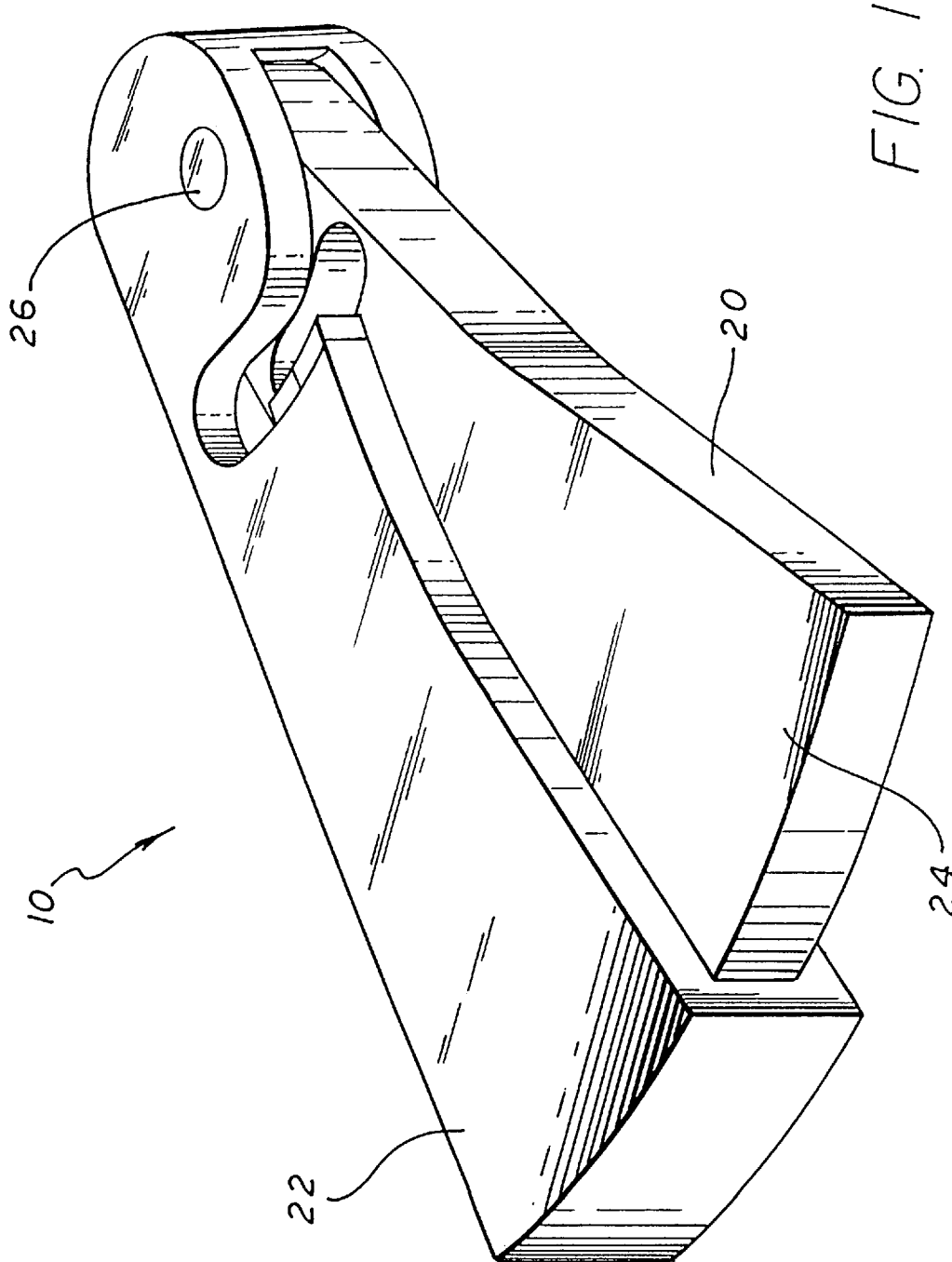


FIG. 2

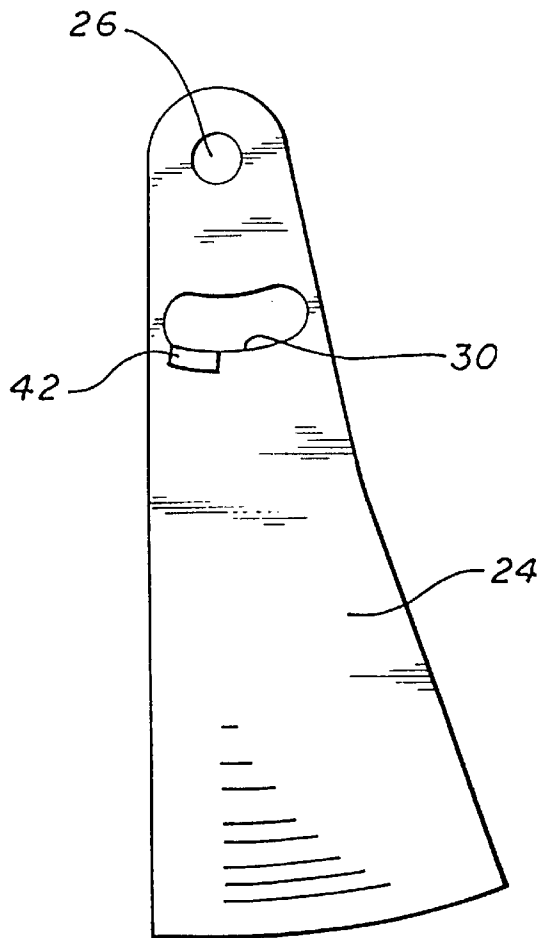
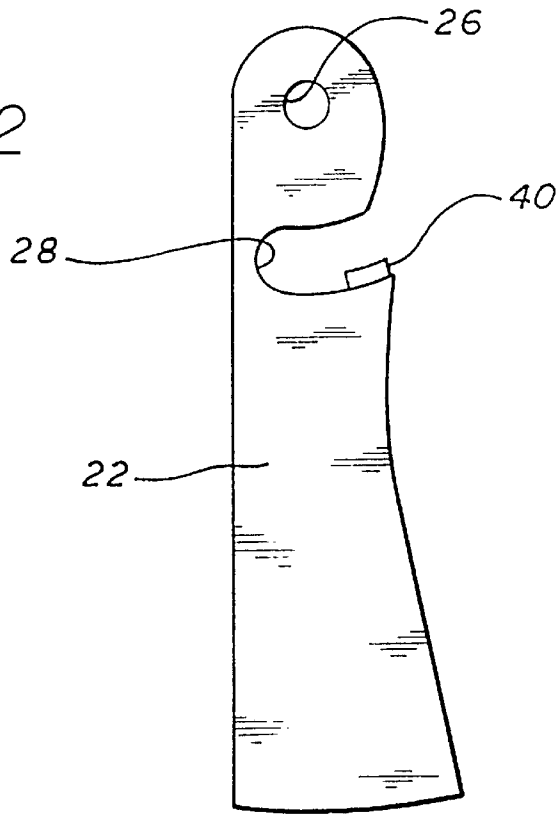


FIG. 3

FIG. 5

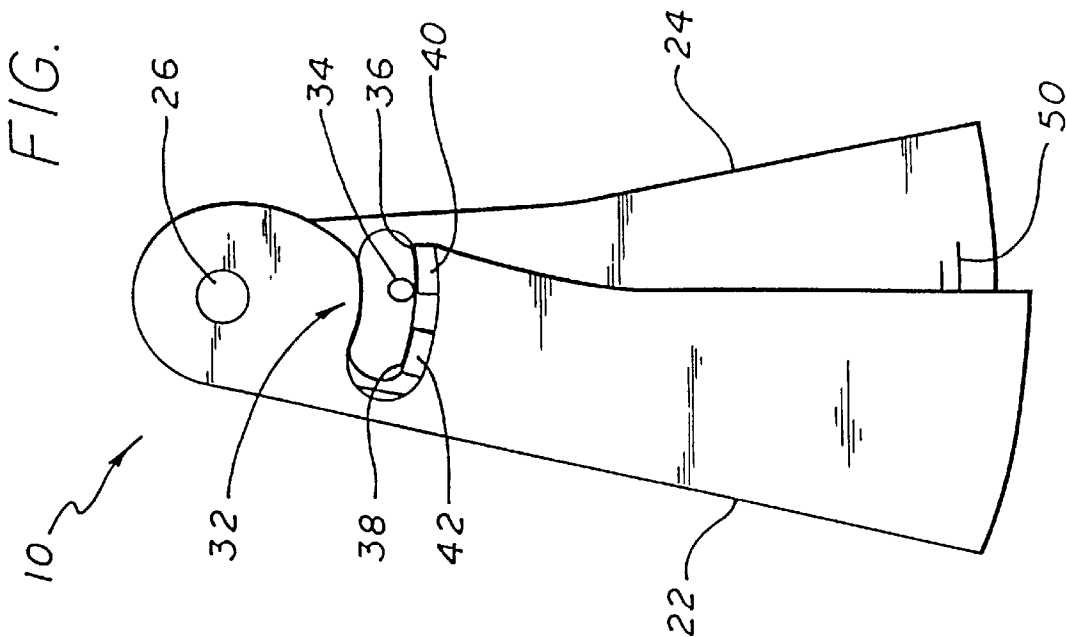


FIG. 4

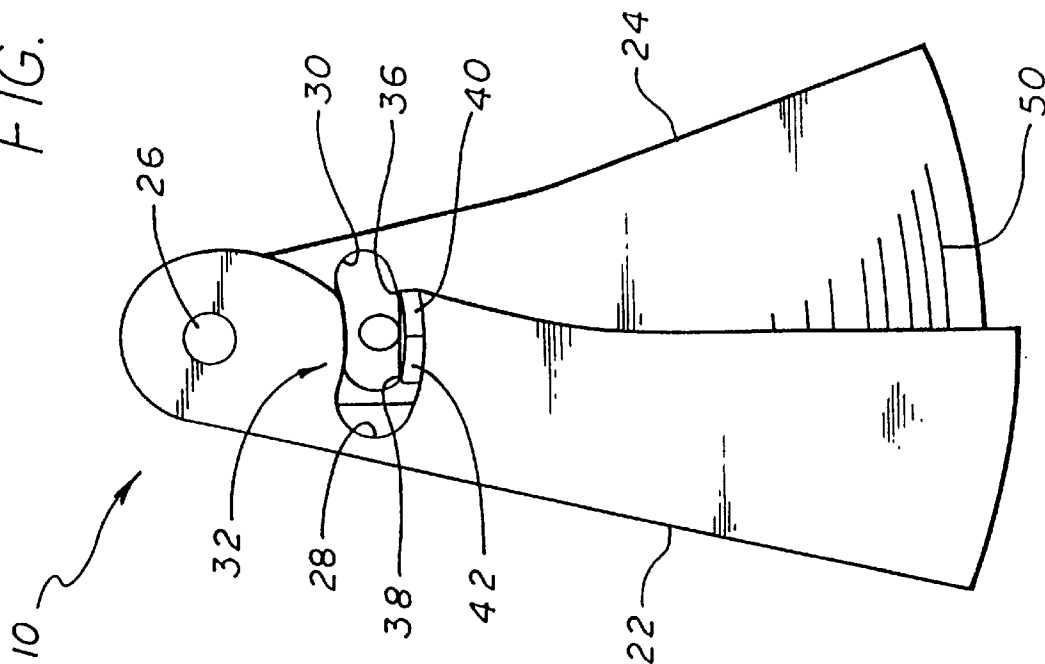


FIG. 7

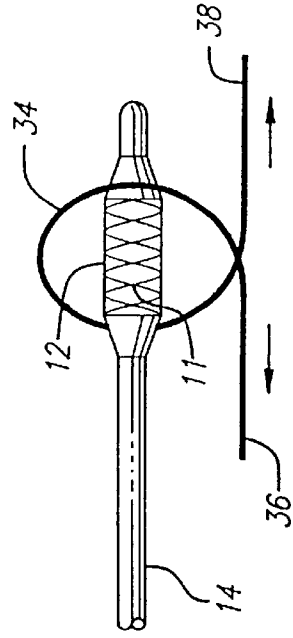


FIG. 6

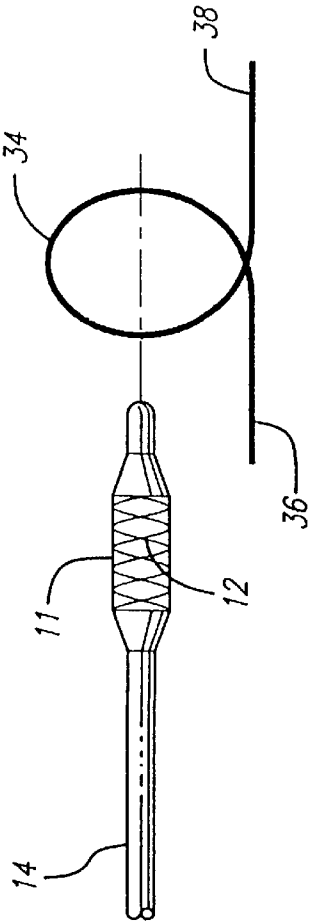


FIG. 9

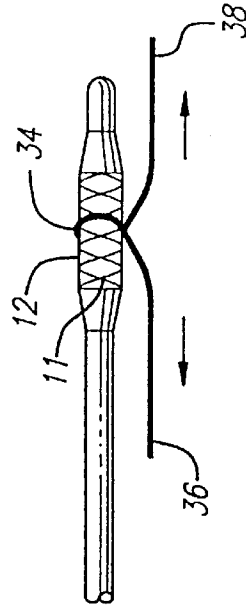
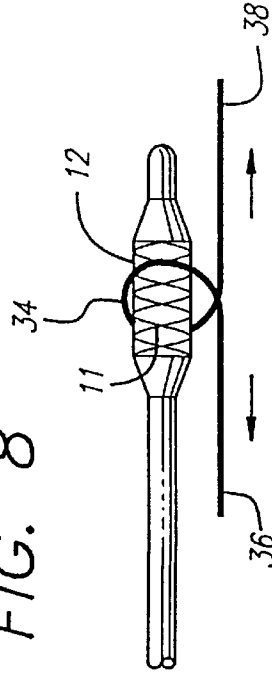


FIG. 8



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