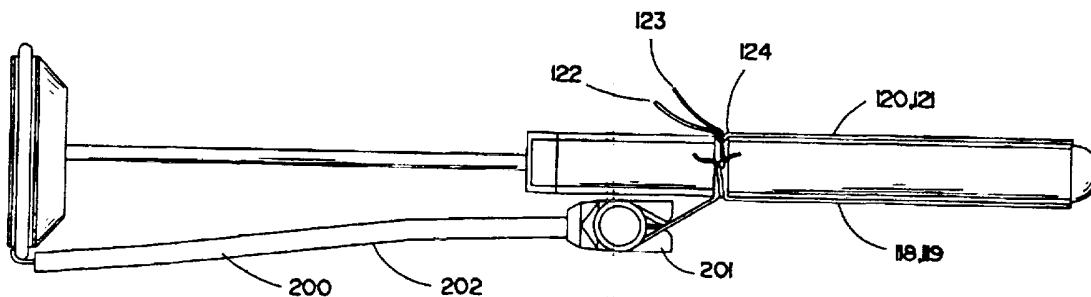




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<p>(21) International Application Number: PCT/US94/00742</p> <p>(22) International Filing Date: 19 January 1994 (19.01.94)</p> <p>(30) Priority Data: 08/019,515 19 February 1993 (19.02.93) US</p> <p>(71) Applicant: MEDTRONIC, INC. [US/US]; 7000 Central Avenue, N.E., Minneapolis, MN 55432 (US).</p> <p>(72) Inventor: WRIGHT, John, T., M.; 10831 Oehlmann Avenue, Conifer, CO 80433 (US).</p> <p>(74) Agents: DUTHLER, Reed, A. et al.; Medtronic, Inc., 7000 Central Avenue N.E., Minneapolis, MN 55432 (US).</p>	<p>(81) Designated States: AU, CA, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).</p> <p>Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i></p> <p>(88) Date of publication of the international search report: 13 October 1994 (13.10.94)</p>	

(54) Title: HOLDER FOR ADJUSTABLE MITRAL AND TRICUSPID ANNULOPLASTY RINGS



## (57) Abstract

A holder that aids the implantation of adjustable annuloplasty rings. The holder has an annular recess around its periphery, into which the inner portion of the annuloplasty ring containing the drawstring is retained, thus protecting the drawstrings from the implanting suture needle. The holder is also provided with one or more suture snugglers for tensioning the drawstring.

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## INTERNATIONAL SEARCH REPORT

 Internat. Application No  
 PCT/US 94/00742

 A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 5 A61F2/24

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

 Minimum documentation searched (classification system followed by classification symbols)  
 IPC 5 A61F A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,A	US,A,5 201 880 (WRIGHT ET AL.) 13 April 1993 cited in the application see abstract; figure 2 ---	1
A	US,A,5 064 431 (GILBERTSON ET AL.) 12 November 1991 see abstract; figure 1 ---	1
Y		10
A	US,A,5 041 130 (COSGROVE ET AL.) 20 August 1991 cited in the application see abstract; figures 1-4 ---	1
Y		10
A	US,A,4 702 250 (OVIL ET AL.) 27 October 1987 see abstract; figure 12 ---	2,10
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Date of the actual completion of the international search

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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