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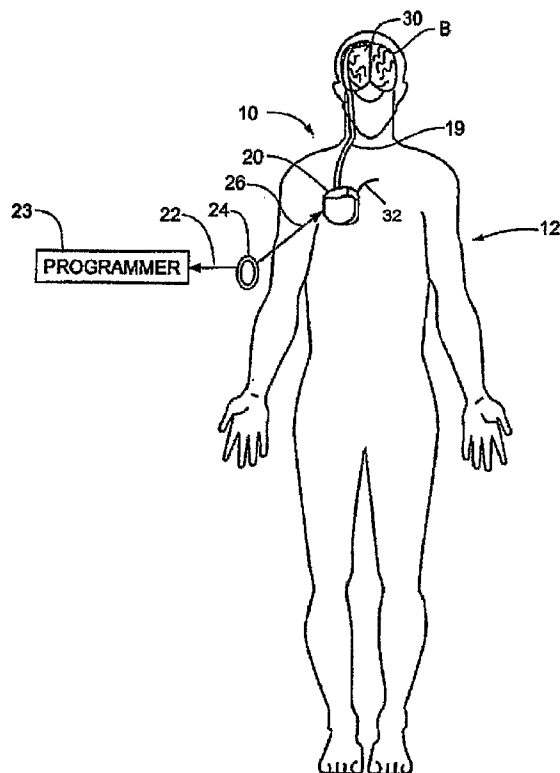
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(54) **Title:** FLEXIBLE MEMORY MANAGEMENT SCHEME FOR LOOP RECORDING IN AN IMPLANTABLE DEVICE



(57) **Abstract:** A method and apparatus is provided for handling multiple recordings that result from events in a limited memory device. The events may include various automatic and manual triggers. The method provides a mechanism for storing different configurations of data, associated with different events.

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A. CLASSIFICATION OF SUBJECT MATTER
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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)
A61B G06F A61N

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)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2004/167417 A1 (SCHULHAUSER RANDAL C [US] ET AL) 26 August 2004 (2004-08-26)	1-4, 6-8, 10, 11, 13
Y	paragraphs [0018], [0034] - [0036], [0039] - [0041], [0057] - [0059]; figures 1, 3A	5, 9, 12, 14-20
Y	US 6 589 187 B1 (DIRNBERGER DENISE [US] ET AL) 8 July 2003 (2003-07-08)	14-20
A	columns 8, 9; figures 3, 5, 6 column 10, line 66	1, 6, 7, 14
A	JP 2004 254930 A (MATSUSHITA ELECTRIC IND. CO LTD) 16 September 2004 (2004-09-16)	1, 14, 18
	paragraph [0070]; figure 1 abstract	
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See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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A	abstract page 20, line 3	1,14,19
A	US 6 360 122 B1 (FISCHELL ROBERT E [US] ET AL) 19 March 2002 (2002-03-19) column 3, lines 60,67; figures 5,22 column 4, lines 1,4,7,10,15,20	1,3,9, 10,12-14
A	US 2004/230105 A1 (GEVA AMIR [IL] ET AL) 18 November 2004 (2004-11-18) paragraphs [0002], [0024], [0346], [0336], [0349]; figures 4,7,8	1,14,18
Y	US 5 908 392 A (WILSON RAYMOND J [US] ET AL) 1 June 1999 (1999-06-01) column 8, line 15; figures 2,3	5

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Information on patent family members

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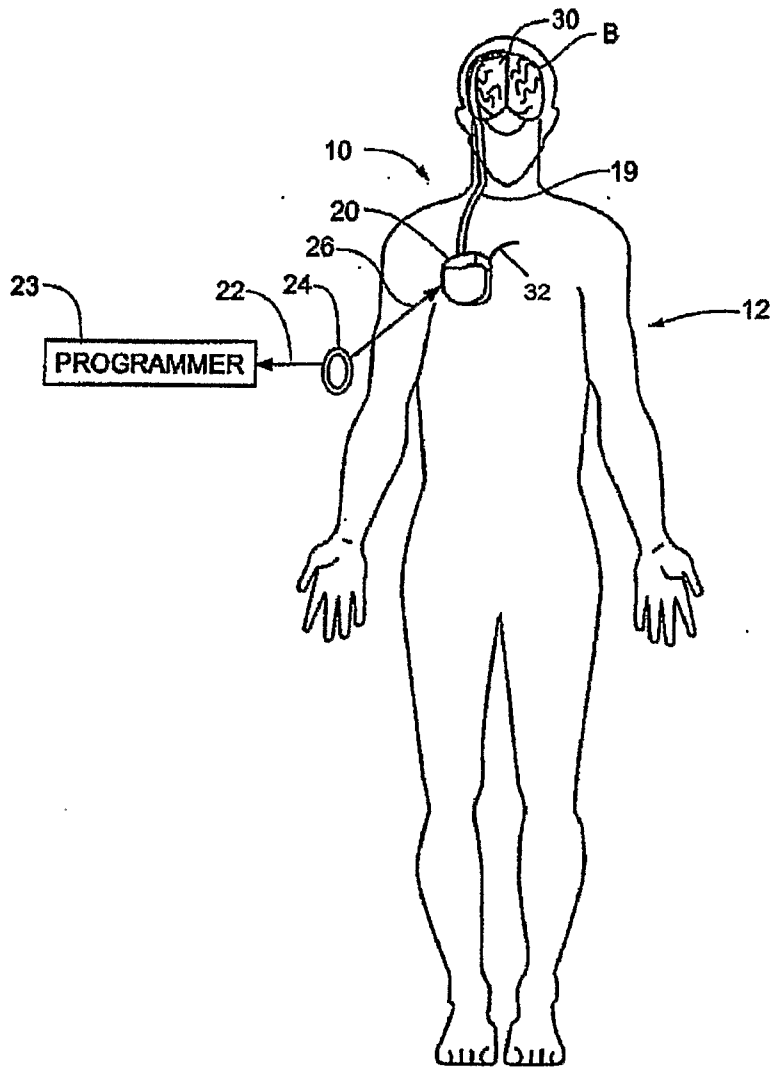


Figure 1