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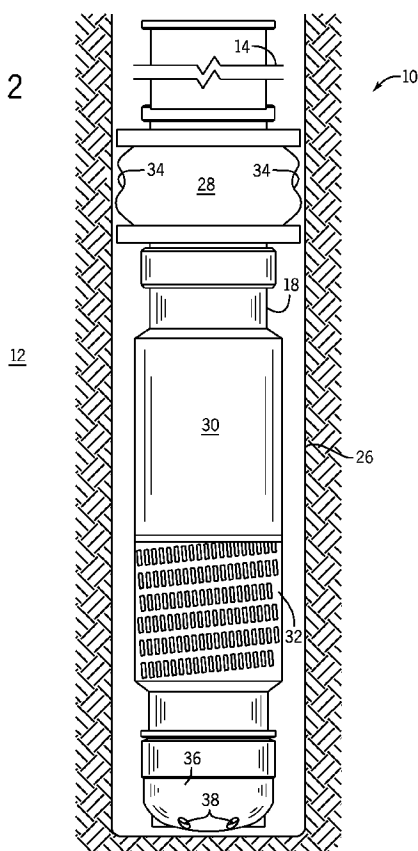
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[Continued on next page]

(54) **Title:** APPARATUS AND METHODS FOR SETTING ONE OR MORE PACKERS IN A WELL BORE

FIG. 2



(57) **Abstract:** Apparatus and methods for setting one or more packers in a well bore are provided. The illustrated examples allow for setting of a plurality of downhole packers in a short period of time and without using a wash string, wash cups, or other setting tool that is subject to mechanical failure.



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 USPC - 166/151
 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)
 USPC - 166/151

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 USPC: 166/386,387,101,122,126,127,133,148,151 -- term limited -- see search terms below --

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 PubWest (PGPB,USPT,USOC,EPAB,JPAB); Google Scholar
 Search Terms Used: well bore, check valve, bias, collar, differential pressure, packer, shroud, inflow control, seal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 6,938,698 B2 (CORONADO) 6 September 2005 (06.09.2005) entire document, particularly Col. 1, lines 18-26, FIG. 1, item 16, Col. 4, lines 14-24, Col. 1, lines 18-37	18 --- 1-17 and 19-22
Y	US 2002/0157837 A1 (BODE et al.) 31 October 2002 (31.10.2002) entire document, particularly FIGS. 8 and 9, item 72, item 76, item 78, item 82, item 86, item 192, para [0002], para [0052], para [0053], claim 62	1-17 and 19-22
Y	US 4,314,608 A (RICHARDSON) 9 February 1982 (09.02.1982) entire document, particularly FIG. 6B, items 38, 40, and generally at 46	3-5, 14, 17, 20-22
A	US 2006/0118296 A1 (DYBEVIK et al.) 8 June 2006 (08.06.2006) entire document	1-22
A	US 2004/0055758 A1 (BREZINSKI et al.) 25 March 2004 (25.03.2004) entire document, particularly FIGS. 24 and 25	1-22

Further documents are listed in the continuation of Box C.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

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