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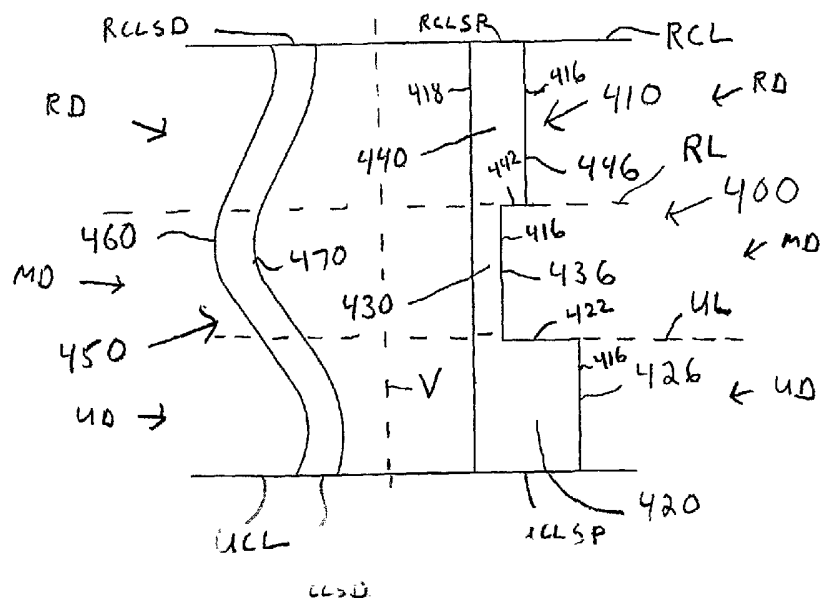
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ning of each regular issue of the PCT Gazette.

(54) Title: A PARALLEL HANDLE SYSTEM AND METHOD FOR DESIGNING A PARALLEL HANDLE SYSTEM



(57) Abstract: A parallel handle system and method for designing the handle system for use with tools or control mechanisms, that includes a handle having a radial section (440) having a side for receiving the thumb and a side for receiving the index finger, the radial section having a surface for engaging a portion of the palmar surface of the hand, a middle section (430) having a side for receiving at least a portion of the middle finger and at least a portion of the ring finger and a surface that avoids placing undue pressure on a surface of the hand located over the carpal tunnel, and an ulnar section (420) having a side for receiving the small finger and a surface for engaging a portion of the palmar surface of the hand so as to position the end of the small finger.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A45C 13/26, B25G 3/00

US CL : 16/430

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)

U.S. : Please See Continuation Sheet

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 practicable, 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.
X	US 6,161,256 A (Quiring et al) 19 Dec 2000 (19.12.2000), see entire document.	1, 6, 40, 45
X	US 4,553,746 A (Lee) 19 Nov. 1985 (19.11.1985), see entire document.	1-4, 6-8, 34-38, 40-43, 46-48, 73-77
Y	US 6,129,740 A (Michelson) 10 Oct. 2000 (10.10.2000), see entire document.	1-78
Y	US 5,979,015 A (Tamaribuchi) 09 Nov. 1999 (09.11.1999), see entire document.	1-78
Y	US 5,829,099 A (Kopelman et al.) 03 Nov. 1998 (03.11.1998), see entire document.	1-78
Y	US 5,659,959 A (Parlowski) 26 Aug. 1997 (26.08.1997), see entire document.	1-78
X	US 5,445,479 A (Hillinger) 29 Aug. 1995 (29.08.1995), see entire document.	1-4, 6-8, 34-38, 40-43, 46-48, 73-77
X	US 5,339,850 A (Mertz) 23 Aug. 1994 (23.08.1994), see entire document.	1, 6, 40, 45
Y	US 5,159,851 A (Rahmes) 03 Nov. 1992 (03.11.1992), see entire document.	37, 76, 19-23, 58-62



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C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,979,015 A (Tamaribuchi) 09 Nov. 1999 (09.11.1999), see entire document.	1-78
X	US 5,833,580 A (Chiu) 10 Nov. 1998 (10.11.1998), see entire document	1, 6, 40, 45
Y	US 5,797,165 A (Armbrust) 25.Aug. 1998 (25.08.1998), see entire document.	1-78
X	US 5,125,878 A (Wingate et al.) 30 Jun. 1992 (30.06.1992), see entire document.	1-78
X	US 5,076,569 A (Gootter) 31 Dec. 1991 (12.31.1991), see entire document.	1, 6, 40, 45
Y	US 4,798,377 A (White) 17 Jan. 1989 (17.01.1989), see entire document.	1-78

INTERNATIONAL SEARCH REPORT

Continuation of B. FIELDS SEARCHED Item 1:

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