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(54) Title: FRONT MOUNTED RETAINING MECHAMISM

(57) Abstract: A front mounted retaining mechanism including a retention device and a captivatable device. The retention device has a head and a hollow shank. The head or the shank may include inwardly directed threads. The shank may include outwardly directed threads to facilitate mounting within a structure. The captivatable device includes a head and a shank, with the shank including a portion having a greater diameter than the remainder of the shank. That portion may be threads or a retainer ring. The captivatable device is threaded into the retention device in such a way as to allow its captivation therein. Then the first structure is aligned with a second structure into which the captivatable device is mounted.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US03/15875

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : F16B 21/18, 39/00
US CL : 411/352, 107, 178, 353, 999, 965, 970

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. : 411/352, 107, 178, 353, 999, 965, 970

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

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 2,922,456 A (KANN) 26 Jan 1960 (26.01.1960), abstract, Fig 3	1,2,6,10,13,14,18,21, 22
X	US 3,195,600 A (MIDDLETON, JR) 20 July 1965 (20.07.1965), whole document	21,23
A	US 4,952,107 A (DUPREE) 28 Aug 1990 (28.08.1990), whole document	all
A	US 4,387,497 A (GULISTAN) 14 June 1983 (14.06.1983), whole document	all
A	US 3,465,803 A (ERNEST et al.) 9 Sept 1969 (09.09.1969) whole document	all
A	US 3,041,913 A (LISKA) 3 JULY 1962 (03.07.1962), whole document	all
A	US 2,639,179 A (PHELPS) 19 MAY 1953 (19.05.1953), whole document	all

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