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- (54) Title:** FLOATING DRIVE-ON WATERCRAFT DOCKING SYSTEM

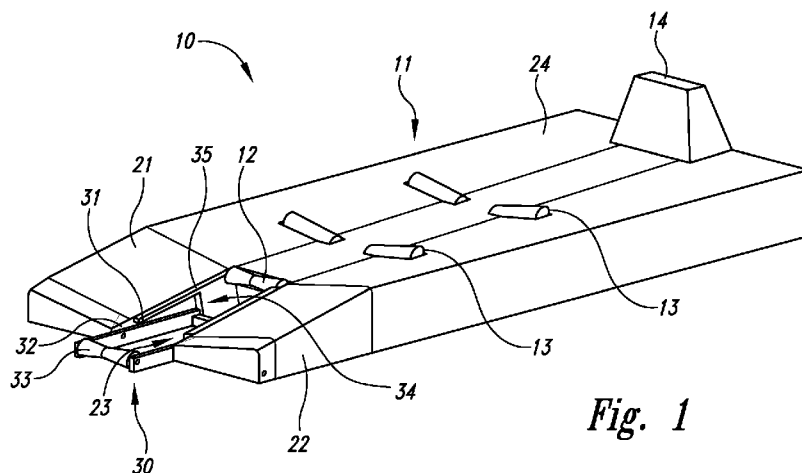


Fig. 1

- (57) Abstract:** The floating drive-on docking system for a watercraft uses a main floatation portion where the watercraft rests when loaded and a pivoting entry portion for creating a low loading angle between the watercraft and the floating drive-on docking system, resulting in only a small amount of propulsion from the watercraft being required to load onto the docking system. The pivoting entry portion has entry features, either rollers or raised bumps, that remain above the waterline when not engaged by the watercraft to keep the loading surfaces free from marine growth that can harm the hull of a watercraft. Wide side guides on the pivoting entry portion assist in positioning the craft for loading onto the docking system.

A. CLASSIFICATION OF SUBJECT MATTER***B63B 35/40(2006.01)i, B63C 3/02(2006.01)i, B63C 3/12(2006.01)i***

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: B63B 35/40, B63C 3/02, B63C 3/12

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

Korean Utility models and applications for Utility models since 1975

Japanese Utility models and applications for Utility models since 1975

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

eKOMPASS(KIPO internal) & keywords: watercraft, boat, float, buoyan*, dock, roller and similar terms

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3734046 (OTTO W. SCHMIDT; RICHARD O. SCHMIDT) 22 May 1973	1-16, 20-25, 31, 32
Y	See column 2, lines 1-39, claims 1-3 and figures 1, 9.	17-19, 26-30, 33
Y	US 2007-0169678 A1 (JOSEPH DICKMAN) 26 July 2007 See abstract and figure 1.	17-19, 26-30, 33
A	US 7293522 B1 (TODD A. ELSON) 13 November 2007 See abstract and figure 1.	1-33



Further documents are listed in the continuation of Box C.



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