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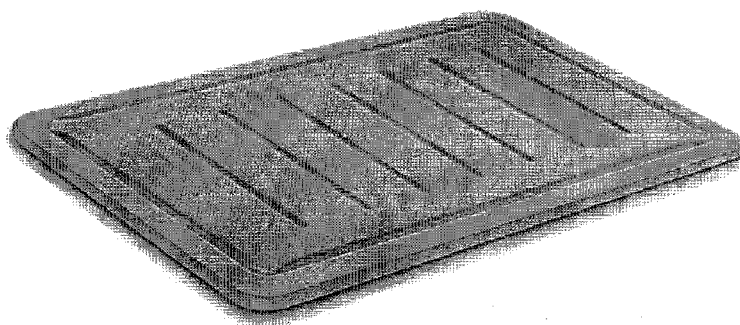



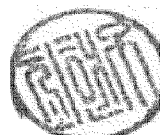
FIGURE 1

(57) **Abstract:** A mat includes an outer shell made from one or more waterproof materials. A top and bottom layer are sealed together to prevent water from entering the mat. The structure between the top and bottom layers may include one or more chambers at least one of which includes memory foam. The memory foam may be in the form of one or more pads, or may be loose. The chambers may be in fluid communication. The top surface may be made of a flexible material, so that when a user steps on the mat the chambers will be compressed. The chambers are configured so that the memory foam within the chambers can be compressed while allowing air to move freely elsewhere in the enclosed chamber or chambers, thus allowing the characteristics of the memory foam to be felt through the top surface of the mat.



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A. CLASSIFICATION OF SUBJECT MATTER		
<i>A47C 27/10(2006.01)i, A47C 27/14(2006.01)i</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) A47C 27/10; A47C 27/14; A47C 27/00; A47C 27/22; F28D 20/00; A47C 27/08		
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 Japanese utility models and applications for utility models		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) eKOMPASS(KIPO internal) & Keywords: mat, pad, elastic form, chamber, air, flow 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 A	US 6122785 A (BONDIE, PHILIP et al.) 26 September 2000 See abstract, column 3, lines 30 - 44 and figure 4.	1,2,6-8 3-5
A	US 2010-0175196 A1 (LAFLECHE, PATRICK et al.) 15 July 2010 See abstract, paragraph [0078] and figure 5.	1-8
A	US 2002-0083528 A1 (FISHER, DAVID R et al.) 4 July 2002 See abstract, paragraphs [0032] - [0044] and figures 1 - 5.	1-8
A	US 4928337 A (CHAUNCEY, JEFFREY B.) 29 May 1990 See abstract, column 2, lines 30 - 52 and figure 3.	1-8
A	JP 2010-131289A (TAKARA CO., LTD.) 17 June 2010 See abstract, paragraphs [0024] - [0037] and figures 1, 2.	1-8
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified) "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 "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 "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 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
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Information on patent family members

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