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(54) **Three-dimensional recreational card**

(57) A three-dimensional recreational card is formed from a flat card body that is provided along a circumferential edge with radially spaced slits and between inner ends of any two adjacent slits with a folding line, so that each folding line and two slits adjacent to the folding line together define a flap on the card body. The flaps are alternately bent upward and downward about the folding lines to angularly locate above and be-

low the flat card body and thereby support a central portion of the card body over a plane. When the central portion of the card body is subjected to a pressure, the flaps are partially deformed; and when the pressure is removed, the deformed flaps generate a restoring elasticity to bounce the whole recreational card off the plane. When the recreational card rotates in a throwing game, the flaps produce sound due to a wind shear effect.

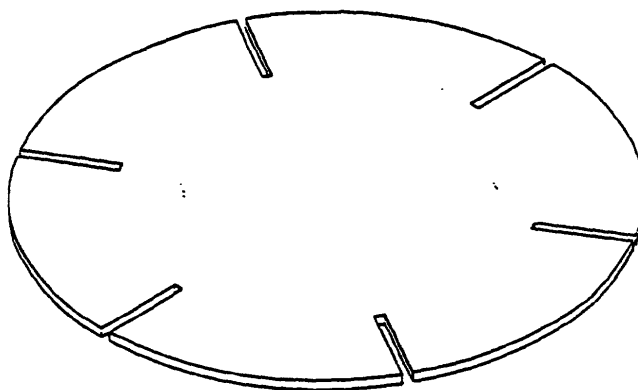


FIG.1



European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 01 12 4407

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	US 4 246 720 A (STONE MYRON) 27 January 1981 (1981-01-27) * column 2, line 25 - line 58 * * figures * ---	1,2,4,5	A63H33/18 A63H37/00
X	US 5 800 236 A (JOUN DAVIE) 1 September 1998 (1998-09-01) * figures 2,3,8 * ---	1,2	
X	DE 85 08 208 U (MOHNDRUCK GRAPHISCHE BETRIEBE GMBH) 9 May 1985 (1985-05-09) * figures * ---	1-4	
A	US 4 802 880 A (SHAW CHRISTOPHER) 7 February 1989 (1989-02-07) * the whole document * ---	1-5	
E	WO 02 02199 A (SERIGRAPH INC) 10 January 2002 (2002-01-10) * the whole document * -----	1-5	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			A63H
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 4 September 2003	Examiner Turmo Perugia, R
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 12 4407

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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04-09-2003

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 4246720	A	27-01-1981	NONE		
US 5800236	A	01-09-1998	NONE		
DE 8508208	U	09-05-1985	DE	8508208 U1	09-05-1985
US 4802880	A	07-02-1989	NONE		
WO 0202199	A	10-01-2002	AU	6538001 A	14-01-2002
			WO	0202199 A1	10-01-2002