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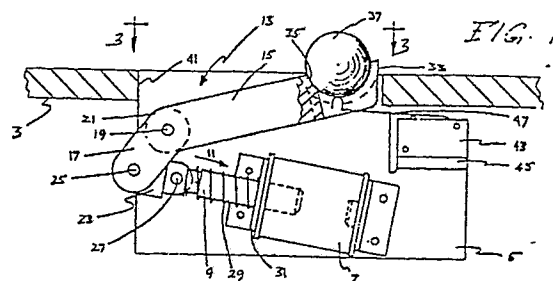
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54 **Catapult play feature for a pinball machine.**

57 A play feature for a flipper-type pinball game consisting of a lever arm (13) having a first end supporting a ball receiving cup (35) and a second end pivotably linked to the plunger (9) of a solenoid (7). A midpoint of the lever arm is pivotably secured to a bracket (5) supported from the bottom surface of the playfield. A catapult-like device results whereby a ball located in the cup will be hurled across the playfield by the pivoting movement of the lever arm when the solenoid is energised.





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. 4)
X	US-A-2 610 058 (HOOKER) * Column 2, lines 15-31,46-53; figures 2,5 *	1-8	A 63 F 7/30 A 63 F 7/03
X	US-A-3 901 511 (GARBARK) * Column 2, lines 38-45,18-20; figures *	1-5,8	
X	US-A-4 311 311 (CROSMAN) * Column 3, lines 4-30; figures *	1,2,5,8	
X	US-A-2 317 506 (WILLIAMS et al.) * Page 1, right-hand column, lines 41-50; figure 5 *	1-5,8	
A		6,7	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			A 63 F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 16-06-1989	Examiner GLAS J.
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			