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- (71) **Applicant (for all designated States except US):** **IN-DOT LTD.** [IL/IL]; 253 Dizengoff Street, P.O. Box 6555, 61064 Tel-aviv (IL).
- (72) **Inventors; and**
- (75) **Inventors/Applicants (for US only):** **RAICHMAN, Yossef** [IL/IL]; 55 Magen David Street, 46347 Herzlia (IL). **COHEN, Moshe** [IL/IL]; 18 Shimon HaTarsi Street, 62492 Tel-aviv (IL). **NOUR-OMID, Bahram** [US/US]; 2219 Tunbridge Court, Los Angeles, California 90077 (US).
- (74) **Agents:** **G.E. EHRLICH (1995) LTD.** et al.; 11 Menachem Begin Street, 52521 Ramat Gan (IL).
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(54) **Title:** A METHOD AND AN APPARATUS FOR MANAGING GAMES AND A LEARNING PLAYTHING

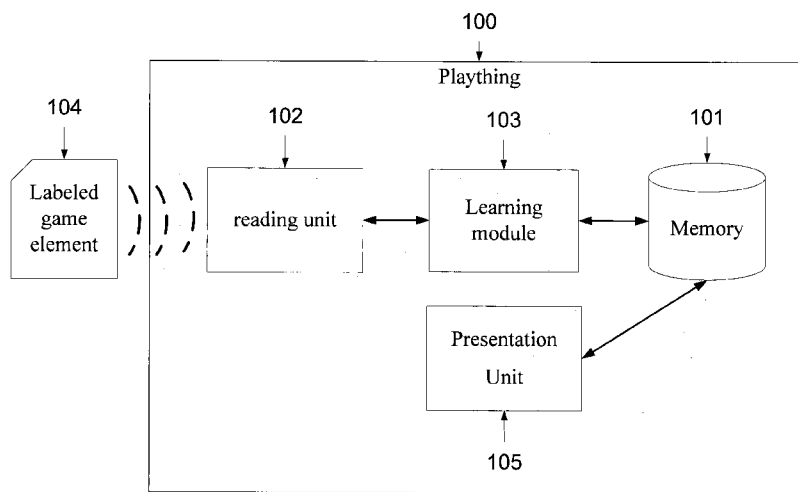


FIG. 1

(57) **Abstract:** A plaything having adjustable game attributes. The plaything comprises a reading unit for reading a unique machine-readable representation of game related information from a labeled game element and a memory for hosting an attribute record characterizing at least one game attribute of a game. The plaything further comprises a learning module for updating the attribute record according to the game related information and a presentation unit for expressing the game attribute according to the updated attribute record.

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INTERNATIONAL SEARCH REPORT

International application No
PCT/IL2009/000030

A. CLASSIFICATION OF SUBJECT MATTER
 INV. A63F3/02
 ADD. A63F9/24

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)
 A63F G06K A63H

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

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

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2004/214642 A1 (BECK STEPHEN C [US]) 28 October 2004 (2004-10-28) paragraph [0050] - paragraph [0283]; figures	1-10, 12-31
X	US 5 945 656 A (LEMELSON JEROME H [US] ET AL) 31 August 1999 (1999-08-31) column 3, line 48 - column 7, line 12; figures	1,3,7,11
X	WO 2005/029697 A (XTRATECH LTD [IL]; FURMAN LILACH [IL]; FEINBERG EFRAT [IL]) 31 March 2005 (2005-03-31) page 3 - page 7; figures	1-3, 7-11,15, 19

Further documents are listed in the continuation of Box C. 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	*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
E earlier document but published on or after the international filing date	*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
L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	*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.
O document referring to an oral disclosure, use, exhibition, or other means	* & * document member of the same patent family
P document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 4 May 2009	Date of mailing of the international search report 02/09/2009
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer Bagarry, Damien
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INTERNATIONAL SEARCH REPORT

International application No.
PCT/IL2009/000030

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this international search report covers allsearchable claims.

2. As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.

3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-31

Remark on Protest

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-31

Plaything and corresponding method and game management apparatus, with adjustable game attributes, comprising:

- a reading unit/sensing unit for reading a unique machine-readable representation from a game element;
- a memory;
- a learning module;
- and a presentation unit;

thereby easily adjusting the game attributes.

2. claims: 32-36

A game kit comprising:

- game elements having a part of a visual representation and a part of unique machine-readable representation;
- a sensing unit for identifying said unique machine-readable representation;

thereby providing a jigsaw puzzle with a detector for determining whether the jigsaw puzzle is completed or not.

3. claims: 37-40

An interactive kit for presenting photos comprising

- unique machine-readable representations associated with photos of a photo album;
- a sensing unit for reading said unique machine-readable representations,

thereby providing an interactive photo album.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IL2009/000030

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2004214642	A1	28-10-2004	US 2004229696 A1	18-11-2004
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