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(54) **Interactive toy system**

(57) Systems and methods for interactive play are provided, including a method of interacting with an action figure. The method includes the steps of providing a base (24) unit having a processor, providing an action figure (22) having a memory which stores data relating to the action figure (22), communicating the data in the form of communication signals to the processor, and presenting an activity instruction based on the communication signals received, with the activity instruction enacting a real-life activity that the action figure can engage in.

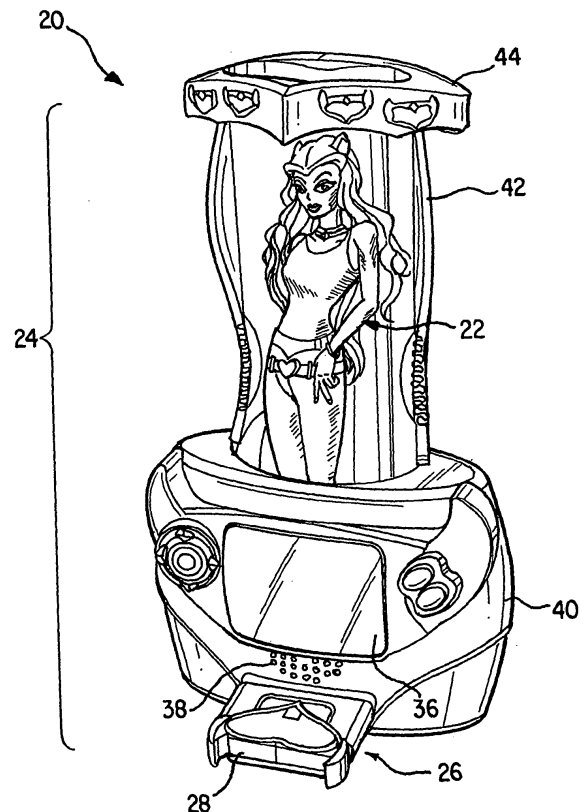


FIG. 1



European Patent
Office

EUROPEAN SEARCH REPORT

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EP 06 02 1643

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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 9 August 2007	Examiner Lucas, Peter
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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European Patent
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EUROPEAN SEARCH REPORT

Application Number
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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
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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			

EPO FORM 1503 03.82 (P04/C01)

**CLAIMS INCURRING FEES**

The present European patent application comprised at the time of filing more than ten claims.

- ☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- ☒ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- ☐ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:



The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-20

Method of interacting with an action figure and a corresponding play system, essentially comprising the steps of providing a base with a processor and providing the action figure with a memory communicating with base and presenting an activity. Solving the problem of providing an activity based on the data from the figure.

2. claims: 21-22

Method of interactive play, essentially comprising the steps of electrically coupling a doll and a storage device to the base station and determining the identity of the doll and determining whether the appropriate storage device has been coupled to the base station. Solving the problem of identifying different parts.

3. claims: 23-30

Method of interacting with an action figure, essentially comprising the steps of providing a base unit, a base station and an action figure all comprising an antenna. The base unit further having an infrared receiver and the base station further having an infrared transmitter. Solving the problem of transmitting the information in a selected sequence via different antennas and infrared transmitters.

4. claims: 31-38

Method of interacting with an action figure, essentially comprising the steps of providing a base unit with a first port, and a removably coupled storage device with a second port and a first antenna, and an action figure having a second antenna. Solving the problem of communicating the data from the action figure in a selected sequence between the ports and the antennas.

5. claims: 39-42

Method of building an object, essentially comprising the steps of providing a base unit, selecting a desired object to be build and connecting pieces to the base unit and verifying whether each piece is connected correctly. Solving the problem of building an object in a specific way.



The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

6. claims: 43-46

Method of building an object, essentially comprising the steps of providing a base unit, connecting a piece to the base unit, based on identity of the connected piece, presenting a plurality of objects that can be build using said piece. Solving the problem of presenting different objects that can be build from a specific piece.

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

EP 06 02 1643

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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