

- I. Basics of Prior Art Search
- II. Search Strategy
- III. Search Tool - J-PlatPat**
- IV. Search Tool - PATENTSCOPE

A. Basics of J-PlatPat - 1/6



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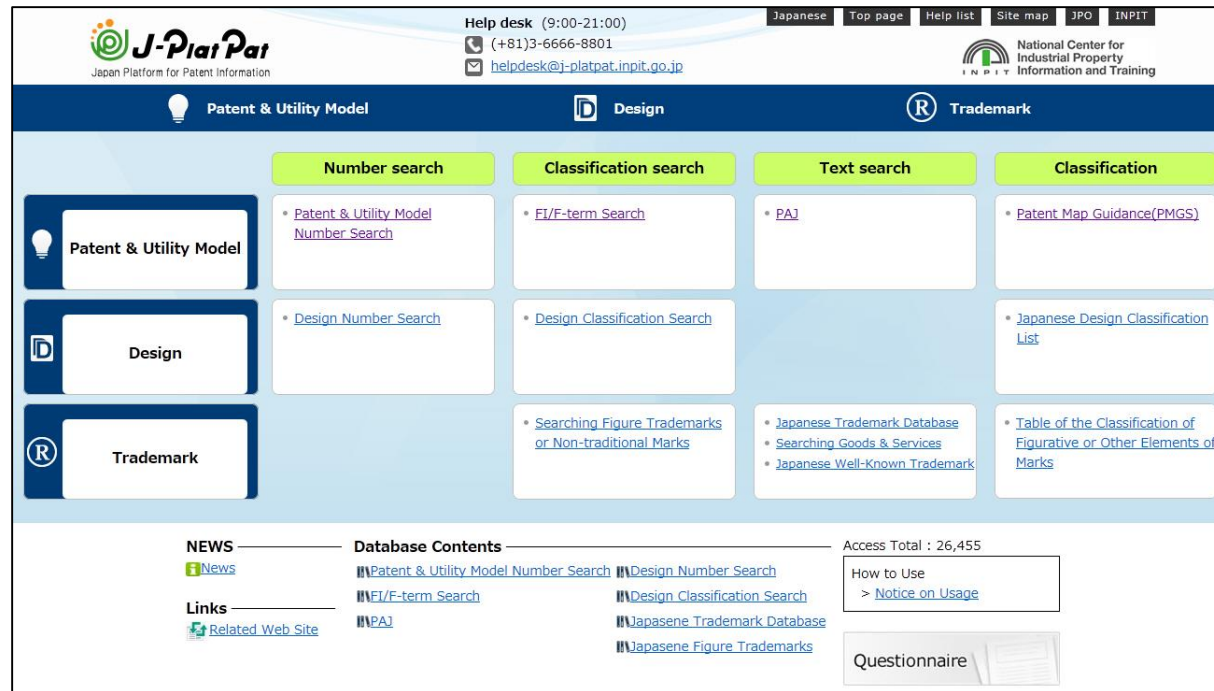
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A. Basics of J-PlatPat - 2/6

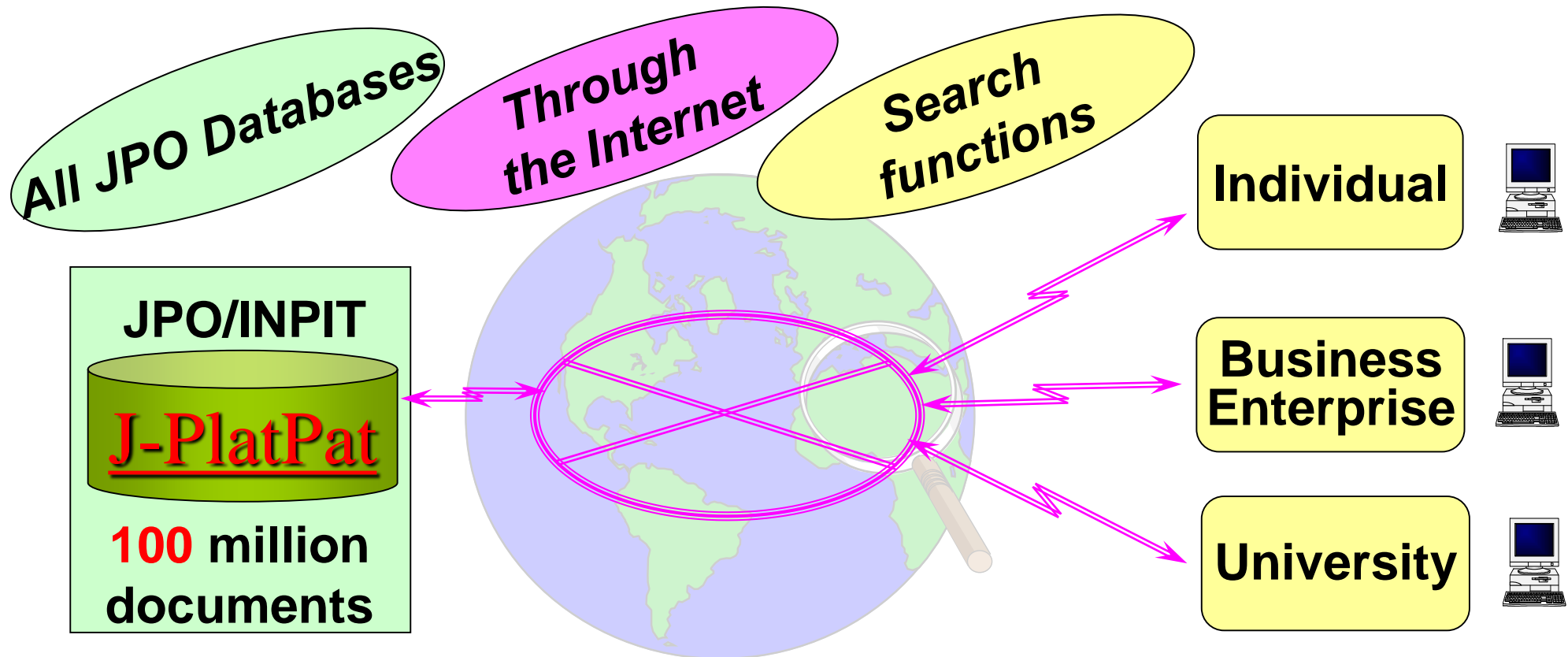


J-PlatPat took over the role of IPDL from 2015 March

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- ✓ Easier search of FI/F-term classification

A. Basics of J-PlatPat - 3/6

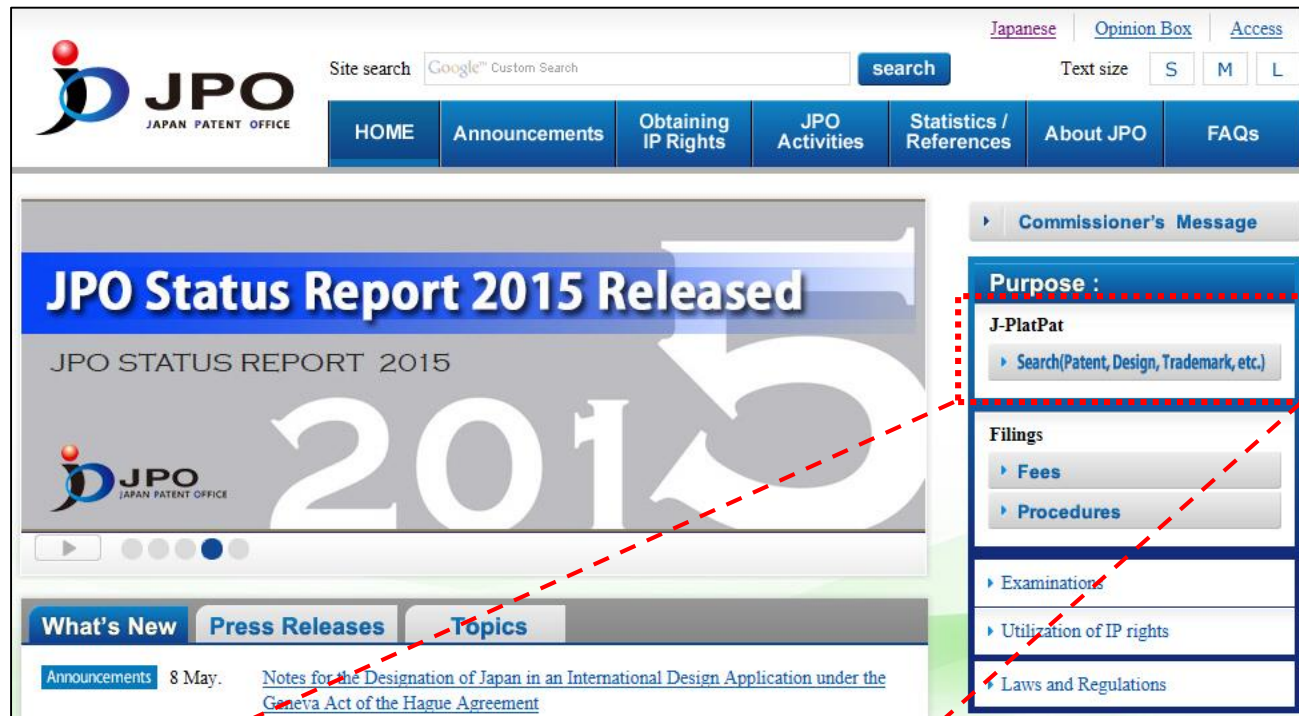
J-PlatPat : Japan Platform for Patent Information



III. Search Tool - J-PlatPat

A. Basics of J-PlatPat - 4/6

JPO home page <http://www.jpo.go.jp/index.htm>



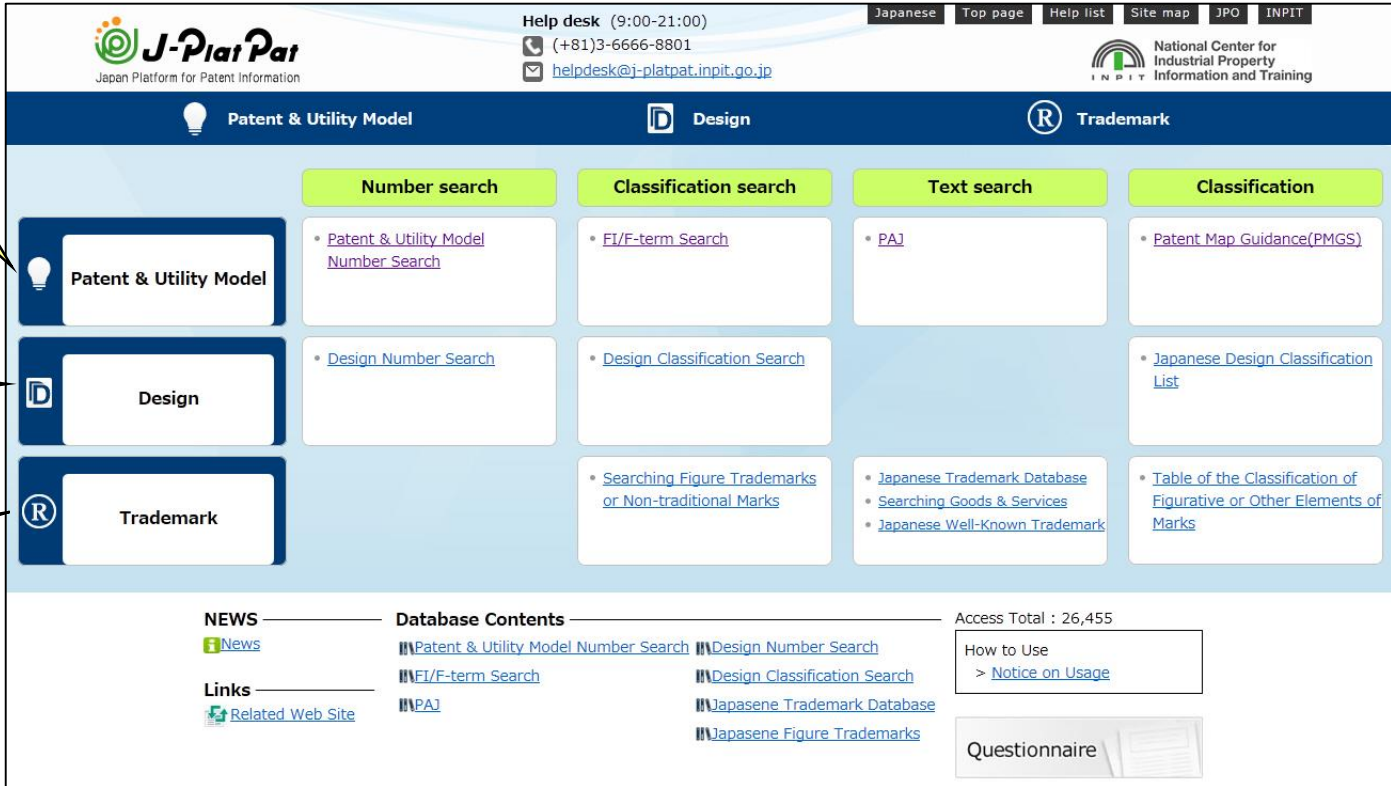
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A. Basics of J-PlatPat - 5/6

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A. Basics of J-PlatPat - 6/6

Patent & Utility Model Search



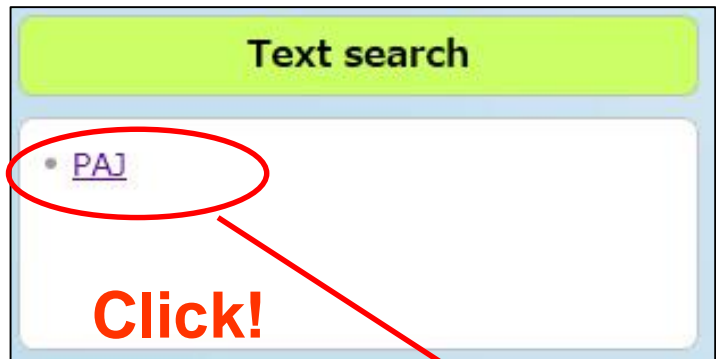
4 types of services are available

- PAJ Search
- Number Search
- Patent Map Guidance (PMGS)
- FI/F-term Search

B. PAJ search - 1/11

- PAJ (**P**atent **A**bstracts of **J**apan) is a set of English abstracts of unexamined patent applications published in Japan
- PAJ is searchable by:
 - Free keywords
 - Publication date
 - IPC
- Available data: **from 1976**
- **Legal status** and **machine translation of an application** are available for the PAJ published **from 1990, and 1993, respectively.**

B. PAJ search - 2/11



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Abstract

Title of invention

Applicant

Publication Date
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B. PAJ search - 3/11

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Abstract
e.g. computer semic

Title of invention
e.g. computer

Applicant
e.g. JPO

Publication Date
from: e.g. 20150101 - to: e.g. 20150331

IPC
e.g. B22F1/00 B22F3/00

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Combination of keywords

Keywords

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IPC (optional)

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B. PAJ search - 4/11

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Abstract

toy people

AND

Title of invention

e.g. computer semiconductor

AND

Applicant

e.g. JPO

AND

Publication Date

from: 20020401 - to: 20030101

IPC

e.g. B22F1/00 B22F3/00

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“toy”, “people”
for Abstract search

2002/04/01 – 2003/01/01

Click “Search”

B. PAJ search - 5/11

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Abstract
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Title of invention
 AND

Applicant
 AND

Publication Date
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IPC

2 documents were hit

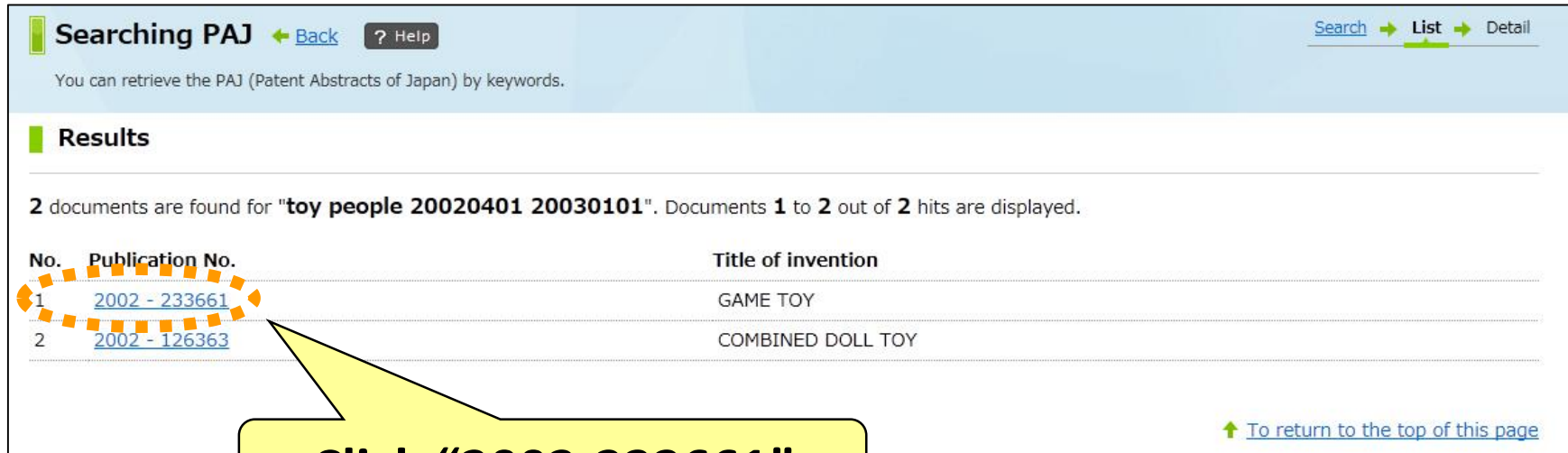
Search results: 2

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B. PAJ search - 6/11

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Click the publication number **“2002-233661.”**



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Results

2 documents are found for "toy people 20020401 20030101". Documents 1 to 2 out of 2 hits are displayed.

No.	Publication No.	Title of invention
1	2002 - 233661	GAME TOY
2	2002 - 126363	COMBINED DOLL TOY

[↑ To return to the top of this page](#)

Click “2002-233661”

B. PAJ search - 7/11

Patent Abstracts of Japan

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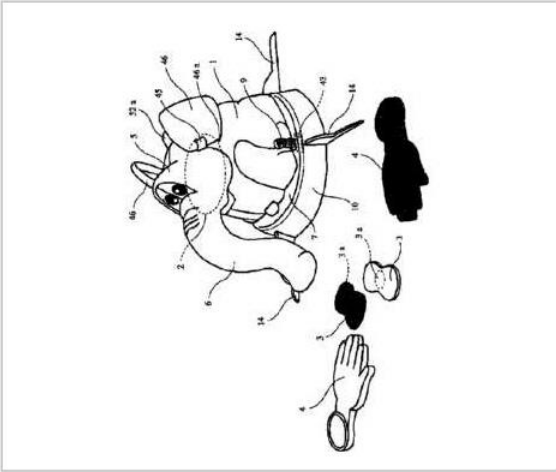
2002-233661 [Data Coverage](#) [Image Data\(Japanese\)](#) [Legal Status](#)

(11)Publication number : 2002-233661
(43)Date of publication of application : 20.08.2002
(51)Int.Cl. : A63F 9/30
A63F 9/34

(21)Application number : 2001-032952
(22)Date of filing : 08.02.2001
(71)Applicant : SENTE CREATIONS:KK
(72)Inventor : SUGANO HIDEYUKI
ISHII TOSHIYASU
KANEKAWA KAZUJI

(54)GAME **TOY**

(57)Abstract
PROBLEM TO BE SOLVED: To provide a game **toy** in which the game **toy** itself has the leadership and a player's countermeasure is reflected to the result of a game and which enables a young **people** to enjoy by simple operation and manufacturing cost to be reduced.
SOLUTION: This game **toy** recovers a **toy** piece 3 presented by a player and attracted by the tip end of an arm part 6 through an opening part formed on the upper part of the **toy** main body 1. A lid body 5 to open/close the opening part 2 is equipped on the **toy** main body 1. A closing mechanism to open/ close the lid body 5 is equipped inside the **toy** main body 1. A magnet 55 is placed on the tip end of the arm part 6 formed swollen forward descending on the lid body. A drive mechanism to make the magnet 55 attract/release an attracted body linking with opening/closing the lid body 5 is installed inside the lid body 5. An attracted body 5a to be attracted by the magnet 55 is equipped on the **toy** piece 3.

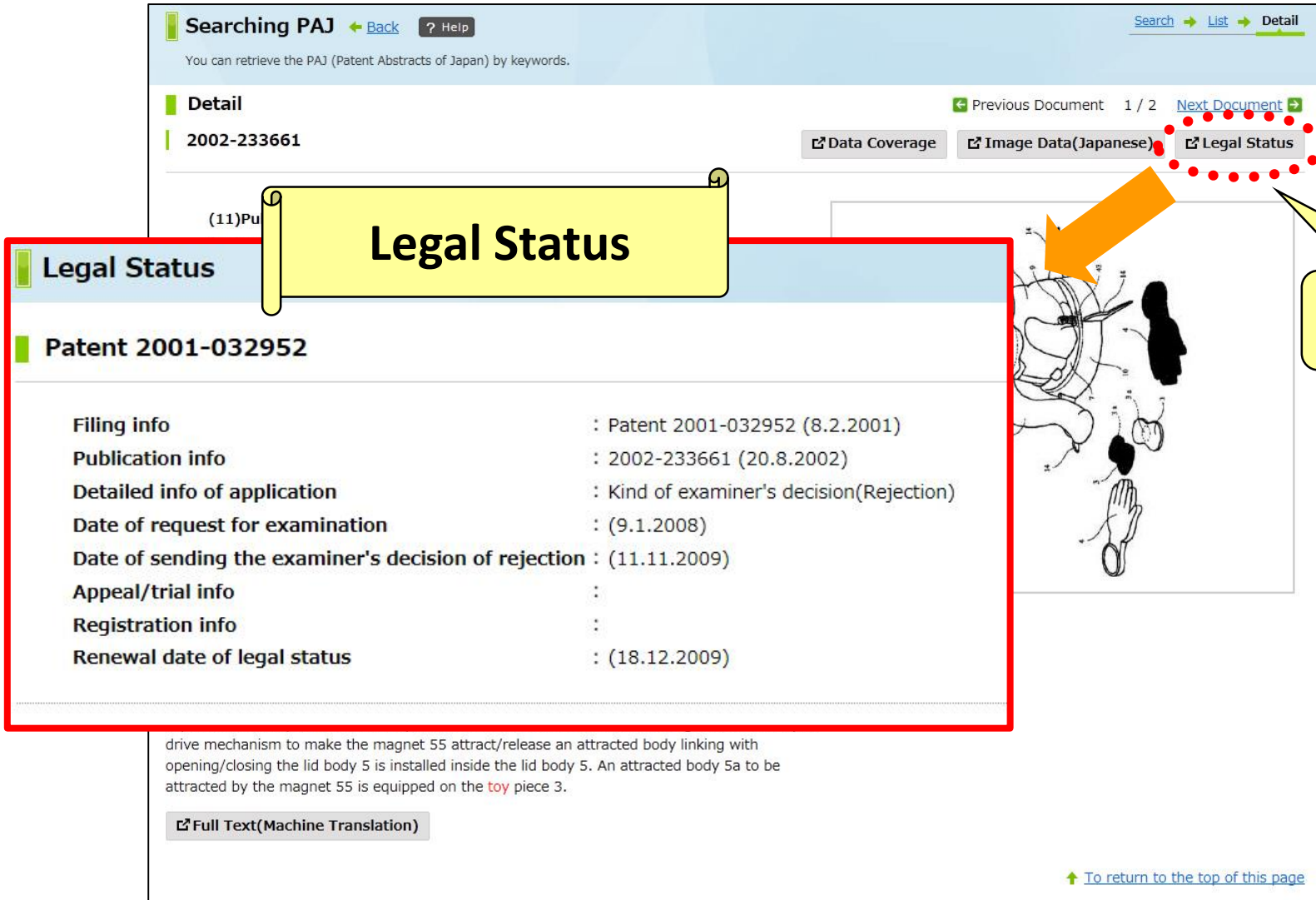


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“toy”, “people” are highlighted

B. PAJ search - 8/11



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Detail

2002-233661

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(11)Pu

Legal Status

Patent 2001-032952

Filing info	: Patent 2001-032952 (8.2.2001)
Publication info	: 2002-233661 (20.8.2002)
Detailed info of application	: Kind of examiner's decision(Rejection)
Date of request for examination	: (9.1.2008)
Date of sending the examiner's decision of rejection	: (11.11.2009)
Appeal/trial info	:
Registration info	:
Renewal date of legal status	: (18.12.2009)

drive mechanism to make the magnet 55 attract/release an attracted body linking with opening/closing the lid body 5 is installed inside the lid body 5. An attracted body 5a to be attracted by the magnet 55 is equipped on the toy piece 3.

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B. PAJ search - 9/11

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Detail

2002-233661

(11)Publication number	: 2002-233661
(43)Date of publication of application	: 20.08.2002
(51)Int.Cl.	: A63F 9/30 A63F 9/34
(21)Application number	: 2001-032952
(22)Date of filing	: 08.02.2001
(71)Applicant	: SENTE CREATIONS:KK
(72)Inventor	: SUGANO HIDEYUKI ISHII TOSHIYASU KANEKAWA KAZUJI

(54)GAME TOY

(57)Abstract

PROBLEM TO BE SOLVED: To provide a game toy in which the game toy leadership and a player's countermeasure is reflected to the result of a game, a young people to enjoy by simple operation and manufacturing cost to be low.

SOLUTION: This game toy recovers a toy piece 3 presented by a player and end of an arm part 6 through an opening part formed on the upper part of 1. A lid body 5 to open/close the opening part 2 is equipped in the toy main body 1. A magnet 55 is installed in the lid body 5. An attractive body 56 attracted by the magnet 55 is equipped on the toy piece 3.

[Full Text\(Machine Translation\)](#)

Translation of Claims

Patent & Utility

You can retrieve a variety of patent information.

Selected Gazette

JP,2002-233661,A

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[TECHNICAL FIELD](#) [PRIOR ART](#) [EFFECT OF THE INVENTION](#) [TECHNICAL PROBLEM](#) [MEANS](#) [DESCRIPTION OF DRAWINGS](#) [DRAWINGS](#)

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1.This document has been translated by computer. So the translation may not reflect the original precisely.

2.**** shows the word which can not be translated.

3.In the drawings, any words are not translated.

CLAIMS

[Claim(s)]

[Claim 1]A game toy provided with the following requirements that attract a piece toy which a player presented at the tip of an arm part, and collect them in a main part of a toy.

(b) A lid which opens and closes the above-mentioned opening is provided by main part of the forming [in the upper part of the above-mentioned main part of a toy / an opening] (**)

above-mentioned toy. While arranging a magnet at a tip of the forming [in the providing-opening and closing mechanism which makes inside of main part of toy open and close above-mentioned lid (**)

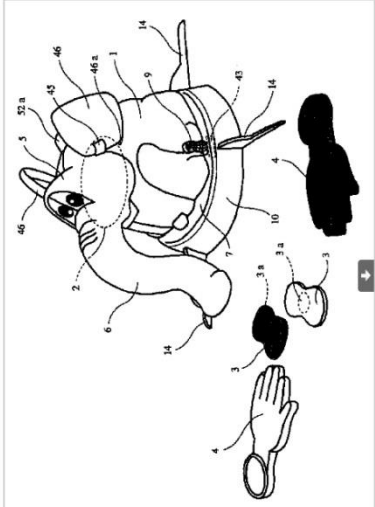
above-mentioned lid / arm part / an arm part bulges for a front to fall and] (**)

above-mentioned arm part. A magnetizable body is provided by the providing-drive mechanism which is interlocked with inside of above-mentioned lid in above-mentioned magnet at opening and closing of lid, and makes it separate and abut at tip of arm part (**)

above-mentioned piece toy. [Claim 2]The game toy according to claim 1 which the aforementioned main part of a toy is placed on a base which provided a regulation component which specifies a game field of a player, and rotates on the base.

[Claim 3]The game toy according to claim 1 or 2 from which, as for the aforementioned main part of a toy, speed of rotation changes.

[Claim 4]The game toy according to claim 1, 2, or 3 which imitated a head of an elephant for the aforementioned lid, imitated regio nasalis of an elephant for the aforementioned arm part, and was formed while imitating idiosoma of an elephant and forming the aforementioned main part of a toy.



Representative drawing

Representative drawing | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

Full Text (Machine Translation)

B. PAJ search - 11/11

Original Japanese document

(19)日本国特許庁 (J P) (12) 公開特許公報 (A) (11)特許出願公開番号
特開2002-233661
(P2002-233661A)
(43)公開日 平成14年 8 月20日 (2002.8.20)

(51)Int.Cl.⁷ 識別記号 F I テーゴ-ト* (参考)
A 6 3 F 9/30 5 0 1 A 6 3 F 9/30 5 0 1 Z

審査請求 未請求 請求項の数 4 O L (全 10 頁)

(21)出願番号 特願2001-32932(P2001-32932)

(22)出願日 平成13年 2 月 8 日 (2001.2.8)

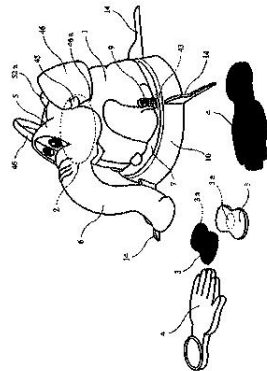
(71)出願人 000132633
株式会社センテクリエーションズ
東京都文京区湯島 3 丁目31番 1 号
(72)発明者 菅野 秀行
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社センテクリエーションズ内
石井 敬晴
東京都文京区湯島 3 丁目31番 1 号 株式会
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東京都文京区湯島 3 丁目31番 1 号 株式会
社センテクリエーションズ内
(74)代理人 100074918
弁理士 堀川 幹夫

(54)【発明の名称】 ゲーム玩具

(57)【要約】

【課題】ゲームの主権はゲーム玩具自体が持ちプレイヤーの対応がゲームの結果に大きく反映させることができるとともに、簡単な操作で年少者が楽しむことができること、製造コストの低減化を図ることができるゲーム玩具を提供すること。

【解決手段】プレイヤーが差し出した脚玩具3をアーム部6の先端で吸い付けて玩具本体1の上部に形成された開口部2から回収するゲーム玩具であって、玩具本体1には上記開口部2を開閉する蓋体5を設け、玩具本体1の内部には上記蓋体5を開閉させる開閉機構を設け、蓋体5に前下向きに突出して形成されたアーム部6の先端には磁石55を配置するとともに、上記蓋体5の内部には上記磁石55を蓋体5の開閉に連動してアーム部6の先端に当接、開閉させる駆動機構を設け、上記脚玩具3には上記磁石55に吸着する磁石体3aを設けた。



The toy itself has the
of a game and which enables
it to be reduced.
layer and attracted by the tip
part of the toy main body
toy main body 1. A closing
main body 1. A magnet 55
descending on the lid body. A
ed body linking with
attracted body 5a to be

Search → List → Detail
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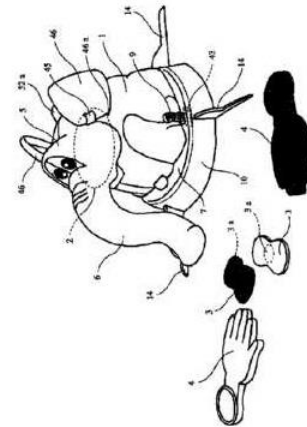


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C. Number search - 1/6

- Almost all the Patent & Utility model gazettes issued by the JPO can be searched with any kind of the numbers of gazettes.

- Examples of kinds of numbers
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C. Number search - 2/6

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Document Number

Kind	Document Number
Patent application number	e.g. 2015-00012X 2015-12X H27-00012X
A:Publication of patent application	e.g. 2015-00012X 2015-12X H27-00012X
Patent appeal/trial number	e.g. 2015-00012X 2015-12X H27-00012X

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Document Number

Kind	Document Number
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Patent appeal/trial number	e.g., 2015-00012X 2015-12X H27-00012X

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Patent appeal/trial number	e.g., 2015-00012X 2015-12X H27-00012X

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Select

"Patent application number"

"2002-273006"

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C. Number search - 5/6

The search results list is displayed.

Click the publication number **“2004-107736”**.

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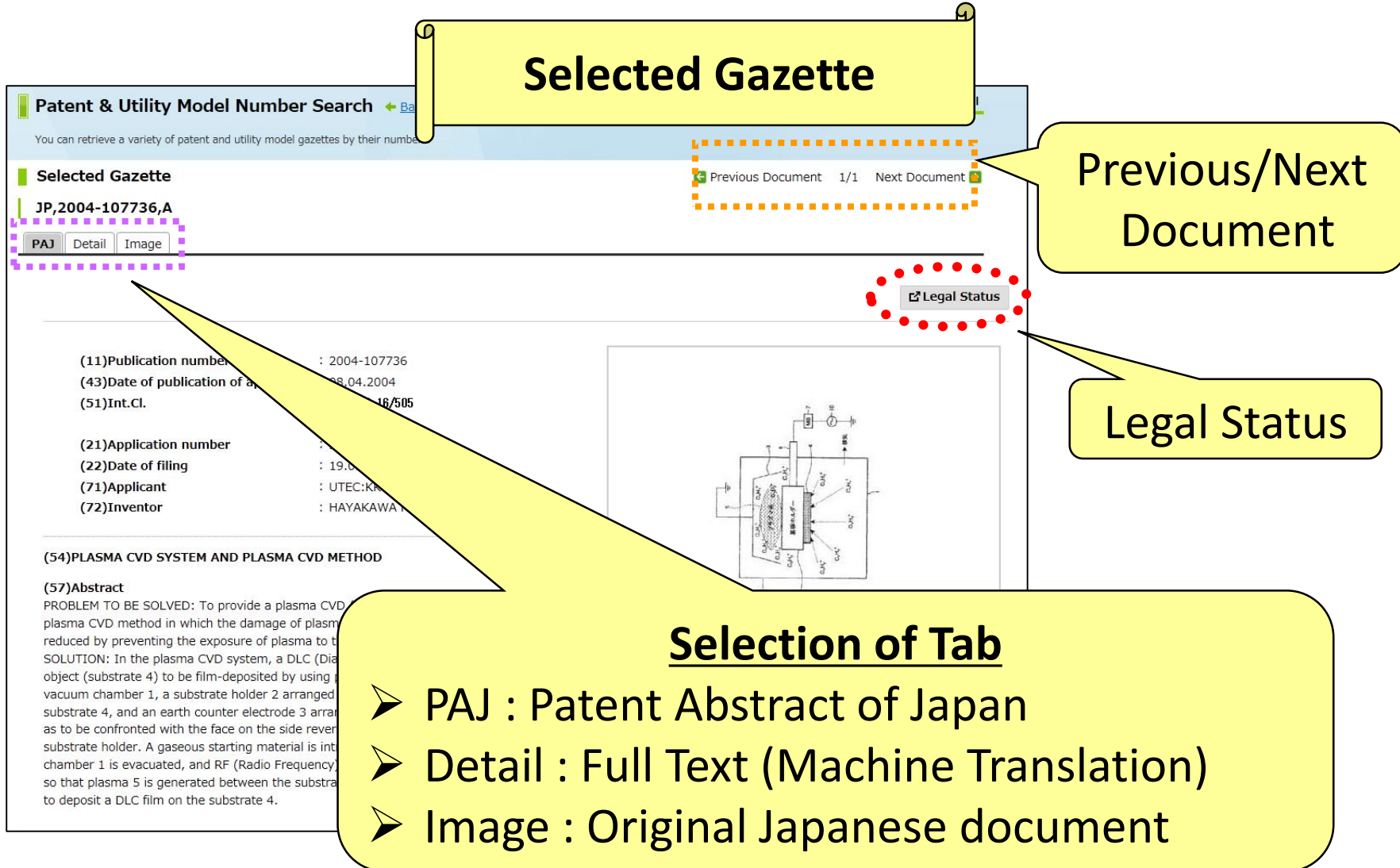
Display Type ☒ All Pages ☐ Front Page ☐ Claims ☐ Drawings ☒ Specification(unexamined)

Results 1 records.

Number	Application Number	Unexamined Publication Number	Examined Publication Number	Registration Number	Appeal/trial Number	other
1	JP,2002-273006	JP,2004-107736.A	-	JP,4180333.B	-	-

Click “2004-107736”

C. Number search - 6/6



Selected Gazette

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JP,2004-107736,A

PAJ Detail Image

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Legal Status

(11)Publication number : 2004-107736
(43)Date of publication of a : 2004.04.28
(51)Int.Cl. : B01J 23/00

(21)Application number :
(22)Date of filing : 19.04.2003
(71)Applicant : UTEC:K
(72)Inventor : HAYAKAWA

(54)PLASMA CVD SYSTEM AND PLASMA CVD METHOD

(57)Abstract
PROBLEM TO BE SOLVED: To provide a plasma CVD method in which the damage of plasma is reduced by preventing the exposure of plasma to the substrate.
SOLUTION: In the plasma CVD system, a DLC (Diamond-Like Carbon) film is deposited on the substrate (substrate 4) to be film-deposited by using a vacuum chamber 1, a substrate holder 2 arranged in the vacuum chamber 1, a substrate 4, and an earth counter electrode 3 arranged in the vacuum chamber 1 as to be confronted with the face on the side reverse to the face on the side of the substrate holder. A gaseous starting material is introduced into the vacuum chamber 1, the vacuum chamber 1 is evacuated, and RF (Radio Frequency) is applied so that plasma 5 is generated between the substrate 4 and the earth counter electrode 3 to deposit a DLC film on the substrate 4.

Selection of Tab

- PAJ : Patent Abstract of Japan
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D. PMGS - 1/11

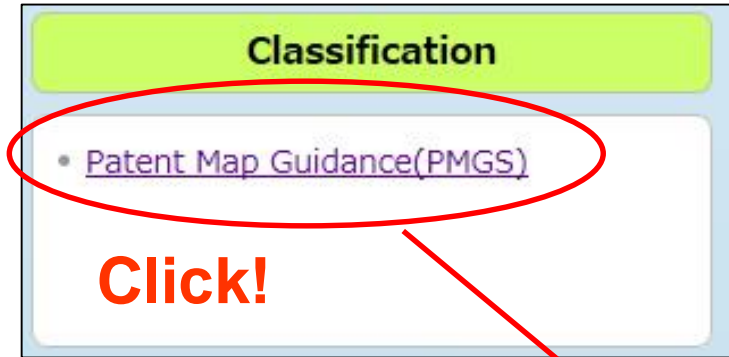
- **FI/F-term classification can be retrieved.**

- FI and F-term are unique patent classifications developed by the JPO, and they are mainly assigned to JP documents.

- **“FI”** is organized in a hierarchical structure, and it is the subdivisions of the IPC subgroups.

- **“F-term”** is organized according to particular technological fields to improve search efficiency from multiple viewpoints; purpose, usage, structure, operation, etc.

D. PMGS - 2/11



Patent Map Guidance(PMGS) [? Help](#) [Search](#) [List](#)

You can refer to FI/F-term and retrieve a classification by keywords.

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Inquiry Search by Keyword IPC-FI Concordance Search

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FI ([Classification](#))

Query Screen ☒ FI ☐ FI Handbook

Classification

F-term ([Classification](#))

Query Screen ☒ F-term List ☐ F-term Description

Classification

Display Type ☒ List ☐ Target ☐ The same Hierarchy

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D. PMGS - 3/11

Patent Map Guidance(PMGS) ? Help

You can refer to FI/F-term and retrieve a classification by keywords.

Publication issued, and updates schedule, please refer to the [NEWS](#).

Inquiry Search by Keyword IPC-FI Concordance Search

After selecting the query entry screen, Please click each classification, or

FI ([Classification](#))

Query Screen ☒ FI ☐ FI Handbook

Classification

Search

F-term ([Classification](#))

Query Screen ☒ F-term List ☐ F-term Description

Classification

Search

Display Type ☒ List ☐ Target ☐ The same Hierarchy

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Select types of search for classification

- Inquiry
- Search by Keyword
- IPC-FI Concordance Search

- ✓ Inquiry : FI/F-term search of specific classification
- ✓ Search by Keyword : FI/F-term search by using keywords
- ✓ IPC-FI Concordance Search : FI search by using IPC

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Inquiry

Patent Map Guidance(PMGS) [? Help](#) Search → List

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Inquiry Search by Keyword IPC-FI Concordance Search

After selecting the query entry screen, Please click each classification, or input a classification into an input box and click.

FI ([Classification](#))

Query Screen ☒ FI ☐ FI Handbook

Classification

F-term ([Classification](#))

Query Screen ☒ F-term List ☐ F-term Description

Classification

Display Type ☒ List ☐ Target ☐ The same Hierarchy

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FI search

F-term search

D. PMGS - 5/11

Patent Map Guidance(PMGS) ? Help Search → List

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Put **Click!** xdates schedule, please refer to the [NEWS](#).

Keyword

After selecting the query entry screen, Please click each classification, or input a classification into an input box and click.

FI (Classification)

☒ FI ☐ FI Handbook

Classification

F-term (Classification)

☒ F-term List ☐ F-term Description

Classification

Display Type ☒ List ☐ Target ☐ The same Hierarchy

[To return to the top](#)

Jump to a specific point in the hierarchical schedule of FI by entering its code

FI(List Indication)

This screen shows all FIs contained in the main group "G06F1/00". (HB : FI Handbook)

• **Display Type**

☒ List ☐ Target ☐ The same Hierarchy

FI	Explanation
• 1/00	Details not covered by groups G06F 3/00-G06F 13/00 (architectures of general purpose stored programme computers G06F 15/76)
	310 . Structures
	311 . . Structures of areas adjacent to large computers
	A Structures of computer rooms
	B . Acoustic or seismic resistant structures
	C . Free-access floor structures
	D . . Seismic resistant structures
	E . Floor structures

Go down to hierarchical schedule of FI

Section	Explanation
• ASection	SECTION A — HUMAN NECESSITIES
• BSection	SECTION B — PERFORMING OPERATIONS; TRANSPORTING
• CSection	SECTION C — CHEMISTRY; METALLURGY
• DSection	SECTION D — TEXTILES; PAPER

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Jump to an F-term schedule of a specific theme by selecting the “F-term list” button and entering its F-term theme code, e.g., “5B035”

Patent Map Guidance(PMGS) ? Help

You can refer to FI/F-term and retrieve a classification by keywords.

Publication issued, and updates schedule, please refer to the [NEWS](#).

Inquiry Search by Keyword IPC-FI Concordance Search

After selecting the query entry screen, Please click each classification, or input a classification into an input box and click.

FI ()

Click! ☒ FI ☐ FI Handbook

Query Screen ☒ F-term List ☐ F-term Description

Classification

Display Type ☒ List ☐ Target ☐ The same Hierarchy

List	Description
5B035	RECORD CARRIERS FOR DIGITAL MARKINGS
	G06K19/00-19/18

Viewpoint	F-term										FI Cover Range
AA	AA00	AA01	AA02	AA03	AA04	AA05	AA06	AA07	AA08		G06K19/00-19/08
	PURPOSE *	. Increasing capacity	. Increasing speed	. Improving accuracy	. Facilitating manufacturing	. Reducing power consumption	. Using carriers for multiple purposes	. Reinforcing resistance *	. Reinforcing rigidity or measures against deformation *		
	AA11		AA13	AA14	AA15						
	. Measures against malfunctions or incorrect insertions *		. Measures against unauthorised use *	. . verifying the authorisation of users	. . verifying record carriers *						
BA	BA00	BA01	BA02	BA03	BA04	BA05	BA06	BA07		BA09	

Go down to the hierarchical schedule of F-term

Group of Theme Selection

A group can be chosen on this screen. Click on a group

2B	2C	2D	2E	2F	2G	2H	2K	2N
3B	3C	3D	3E	3F	3G	3H	3J	3K
4B	4C	4D	4E	4F	4G	4H	4J	4K
5B	5C	5D	5E	5F	5G	5H	5J	5K

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Patent Map Guidance(PMGS) [? Help](#)

You can refer to FI/F-term and retrieve a classification by keywords.

Publication issued, and updates schedule, please refer to the [NEWS](#).

[Inquiry](#) **[Search by Keyword](#)** [IPC-FI Concordance Search](#)

After selecting a query screen item, please click on the search button (can but either one), type key

Query Screen

- ☐ FI
- ☒ FI Handbook
- ☐ F-term List
- ☐ F-term Description

Keyword

AND

Search Range(Classification)

Display Type

- ☒ List
- ☐ Target
- ☐ The same Hierarchy

Search

[To return to the top of this page](#)

Search by Keyword

Query Screen

- FI
- F-term

Keyword

Click "Search"

D. PMGS - 8/11

The search results list is displayed.

- Query Screen = FI
- Keyword = toy

Click the FI **"A41D11/00@K"**.

Result	
Hit count is 81.	
FI	Explanation
• A41D11/00@K	. Equipped with a toy
• A47G19/22@S	. having an accessory (toy , etc.)
• A63B69/04	. simulating the movement of ho

Click "A41D11/00@K"

D. PMGS - 9/11

Main group "A41D11/00"

FI(List Indication)

This screen shows all FIs contained in the main group "A41D11/00". (HB : FI Handbook)

• Display Type

☒ List ☐ Target ☐ The same Hierarchy

FI	Explanation
• 11/00	Garments for children
	A Kinds of clothes for children
	B . Jackets
	C . Coverall
	D . . One-piece dresses
	E . Lower clothes
	F . . Lower clothes with chest and shoulder straps
	G . Overcoats
	H Functions of clothes for children
	J . Adjustment of height
	K . Equipped with a toy
	L . for both men and women

Clicked FI "A41D11/00@K"

D. PMGS - 10/11

IPC-FI Concordance Search

Patent Map Guidance(PMGS) Search → List

You can refer to FI/F-term and retrieve a classification by keywords.

Publication issued, and updates schedule, please refer to the [NEWS](#).

Input IPC code to the query box and click Search button.

Classification

Display Type ☒ List ☐ Target ☐ The same Hierarchy

[↑ To return to the top of this page](#)

Enter IPC

Click "Search"

D. PMGS - 11/11

Concordance List “G06T1/00”

Concordance List [IPC→FI]

IPC Code

Display Type ☒ List ☐ Target ☐ The same Hierarchy

Result

Hit count is 103.

IPC

G06T1/00

G06T1/00

G06T1/00

G06T1/00

G06T1/00

G06T1/00

G06T1/00

G06T1/00

FI

[G06T1/00](#)

[G06T1/00@A](#)

[G06T1/00@B](#)

[G06T1/00@C](#)

[G06T1/00@Z](#)

[G06T1/00,200](#)

[G06T1/00,200@A](#)

[G06T1/00,200@B](#)

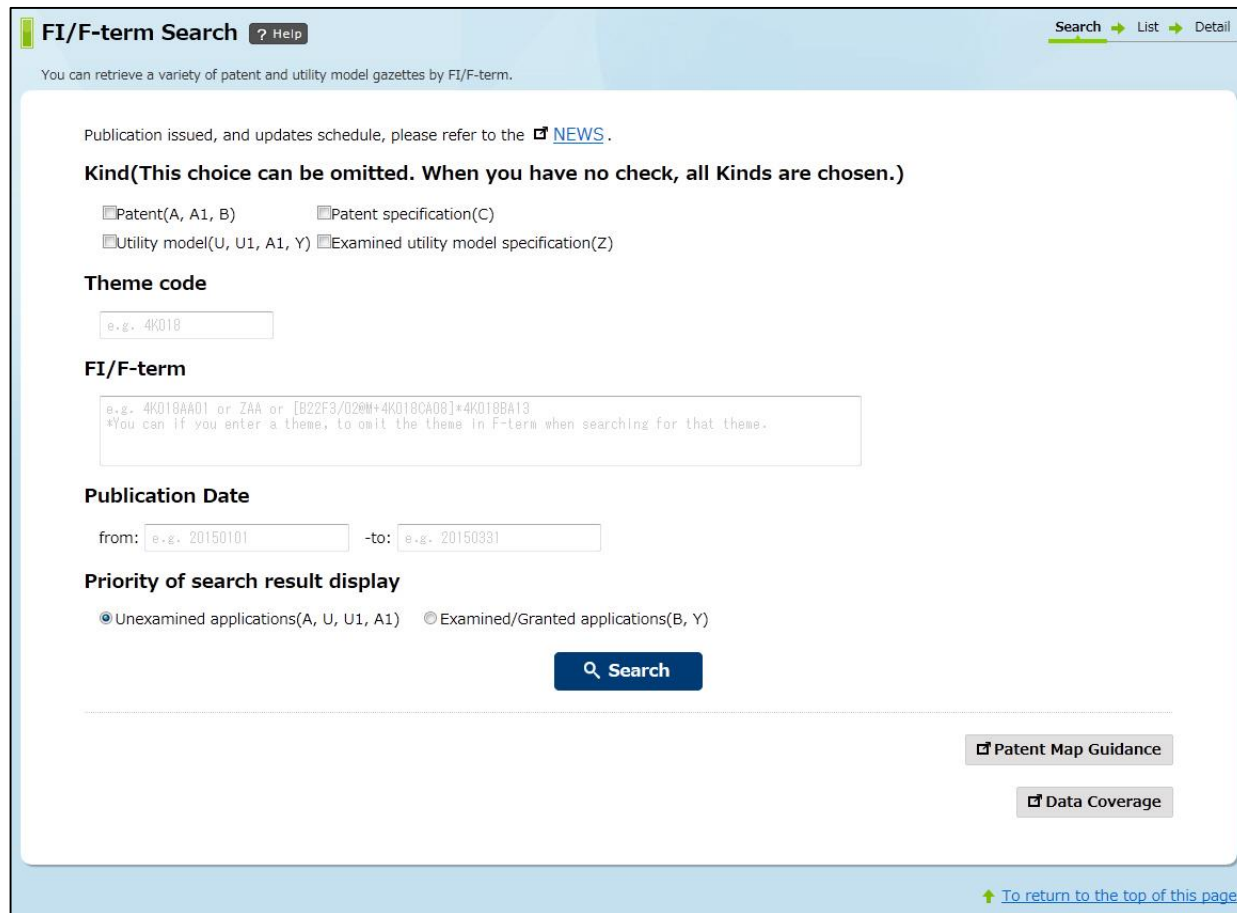
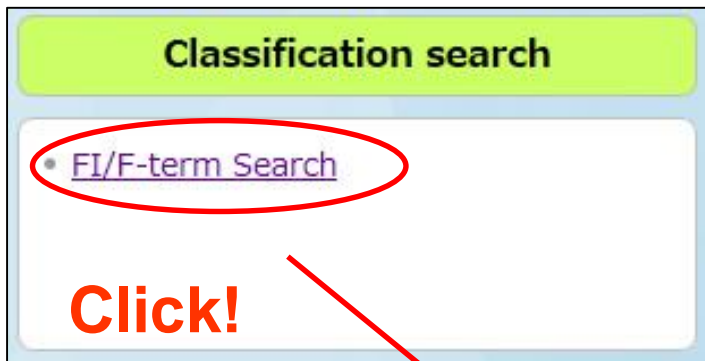
E. FI/F-term search - 1/5

- All the Patent & Utility model gazettes and PAJ can be searched with the FI/F-term, which is a unique patent classification developed by the JPO.
 - Example of FI: B01J23/56,301A
 - Example of F-term: 4B027 FB21

- Search range is from 1885 to the present.

- Machine Translation is available for the gazettes published in 1993 and thereafter.

E. FI/F-term search - 2/5



FI/F-term Search ? Help

Search → List → Detail

You can retrieve a variety of patent and utility model gazettes by FI/F-term.

Publication issued, and updates schedule, please refer to the [NEWS](#).

Kind(This choice can be omitted. When you have no check, all Kinds are chosen.)

☐ Patent(A, A1, B) ☐ Patent specification(C)

☐ Utility model(U, U1, A1, Y) ☐ Examined utility model specification(Z)

Theme code

FI/F-term

*You can if you enter a theme, to omit the theme in F-term when searching for that theme.

Publication Date

from: -to:

Priority of search result display

☒ Unexamined applications(A, U, U1, A1) ☐ Examined/Granted applications(B, Y)

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E. FI/F-term search - 3/5

FI/F-term Search ? Help

Search → List → Detail

You can retrieve a variety of patent and utility model gazettes by FI/F-term.

Publication issued, and updates schedule, please refer to the [NEWS](#).

Kind(This choice can be omitted. When you have no check, all Kinds are chosen.)

☐ Patent(A, A1, B) ☐ Patent specification(C)
☐ Utility model(U, U1, A1, Y) ☐ Examined utility model specification(Z)

Theme code

Theme code (Necessary for F-term search)

FI/F-term

*You can if you enter a theme, to omit the theme in F-term when searching for that theme.

Publication Date

from: -to: Publication Date(optional)

Priority of search result display

☒ Unexamined applications(A, U, U1, A1) ☐ Examined/Granted applications(B, Y)

Click "Search" !

[Patent Map Guidance](#)
[Data Coverage](#)

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E. FI/F-term search - 4/5

FI/F-term Search [? Help](#) [Search](#) [List](#) [Detail](#)

You can retrieve a variety of patent and utility model gazettes by FI/F-term.

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Kind(This choice can be omitted. When you have no check, all Kinds are chosen.)

☐ Patent(A, A1, B) ☐ Patent specification(C)
☐ Utility model(U, U1, A1, Y) ☐ Examined utility model specification(Z)

Theme code

FI/F-term

Publication Date

from: -to:

Priority of search result display

☒ Unexamined applications(A, U, U1, A1) ☐ Examined/Granted applications(B, Y)

Search results: **25**

FI/F-term Search Results list

Results

Display Type ☒ All Pages ☐ Front Page ☐ Claims ☐ Drawings

Results 25 records.

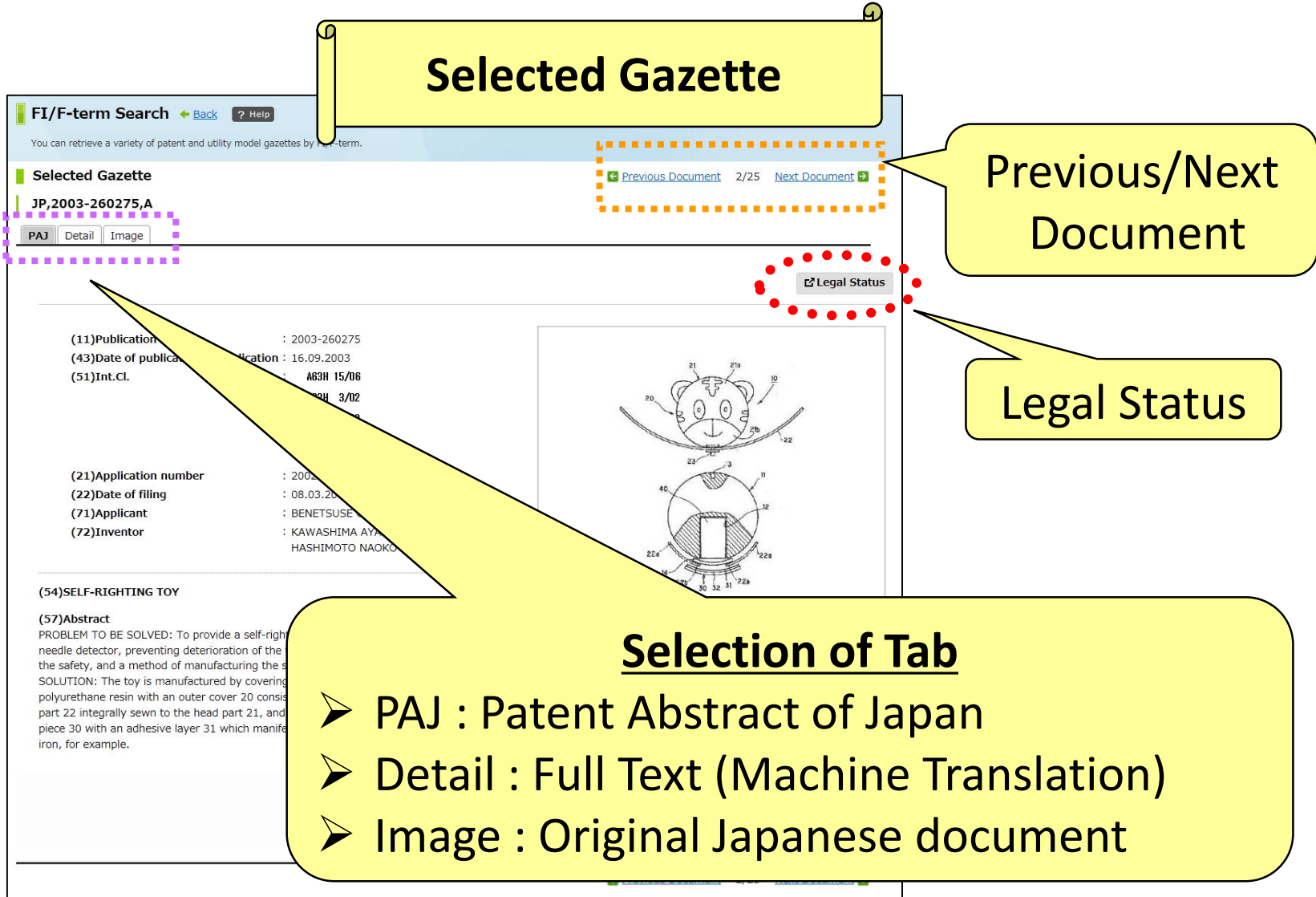
No.	Document Number
1	JP.2007-210100.A
2	JP.2003-260275.A
3	JP.10-000279.A(1998)
4	JP.07-148354.A(1995)
5	JP.07-024399.U(1995)
6	JP.07-003083.U(1995)
7	JP.07-001993.U(1995)
8	JP.63-135205.A(1988)
9	JP.62-174598.U1(1987)
10	JP.60-147499.U1(1985)
11	JP.60-063397.U1(1985)
12	JP.59-061095.U1(1984)
13	JP.54-025385.U1(1979)
14	JP.53-115799.U1(1978)
15	JP.53-044095.U1(1978)
16	JP.53-037139.U1(1978)
17	JP.50-054293.U1(1975)
18	JP.48-104490.U1(1973)
19	JP.37-028505.Y(1962)
20	JP.37-009571.Y(1962)
21	JP.36-008243.Y(1961)
22	JP.31-005914.Y(1956)
23	JP.11-010130.Y(1936)
24	JP.02-001276.Y(1927)
25	JP.45637.Z

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25 documents
were hit

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E. FI/F-term search - 5/5



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JP,2003-260275,A

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[Legal Status](#)

(11)Publication : 2003-260275
(43)Date of publication : 16.09.2003
(51)Int.Cl. : A63H 15/06
: 3/02

(21)Application number : 2002-000000
(22)Date of filing : 08.03.2002
(71)Applicant : BENETSUSE
(72)Inventor : KAWASHIMA AYAKO
HASHIMOTO NAOKO

(54)SELF-RIGHTING TOY

(57)Abstract
PROBLEM TO BE SOLVED: To provide a self-righting toy, preventing deterioration of the toy, the safety, and a method of manufacturing the toy.
SOLUTION: The toy is manufactured by covering polyurethane resin with an outer cover 20 consisting of a head part 21, and a body part 22 integrally sewn to the head part 21, and a piece 30 with an adhesive layer 31 which manifests a self-righting property, for example.

Selection of Tab

- PAJ : Patent Abstract of Japan
- Detail : Full Text (Machine Translation)
- Image : Original Japanese document