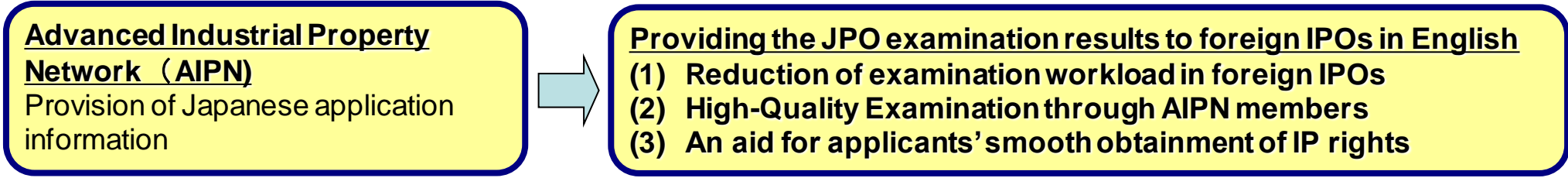


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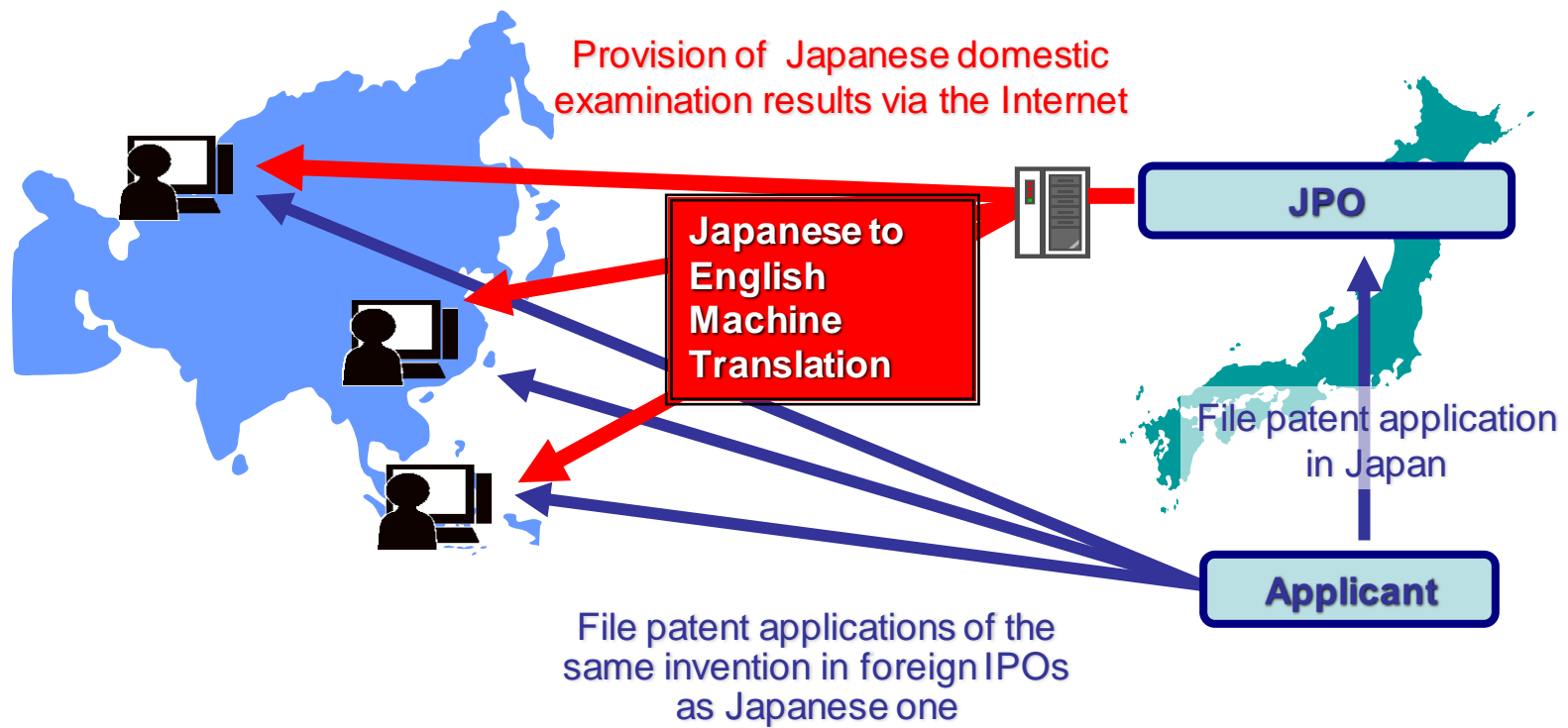
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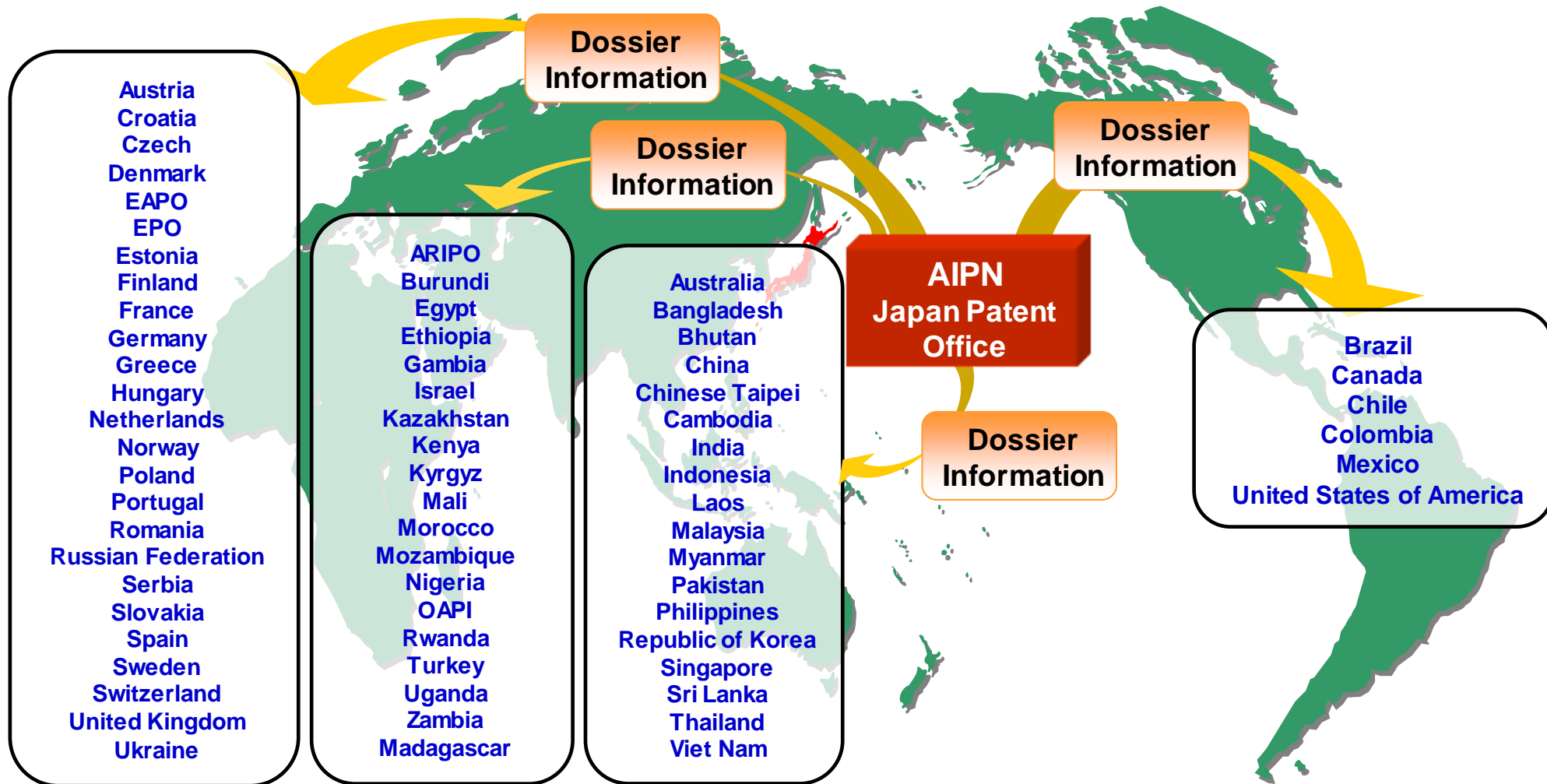


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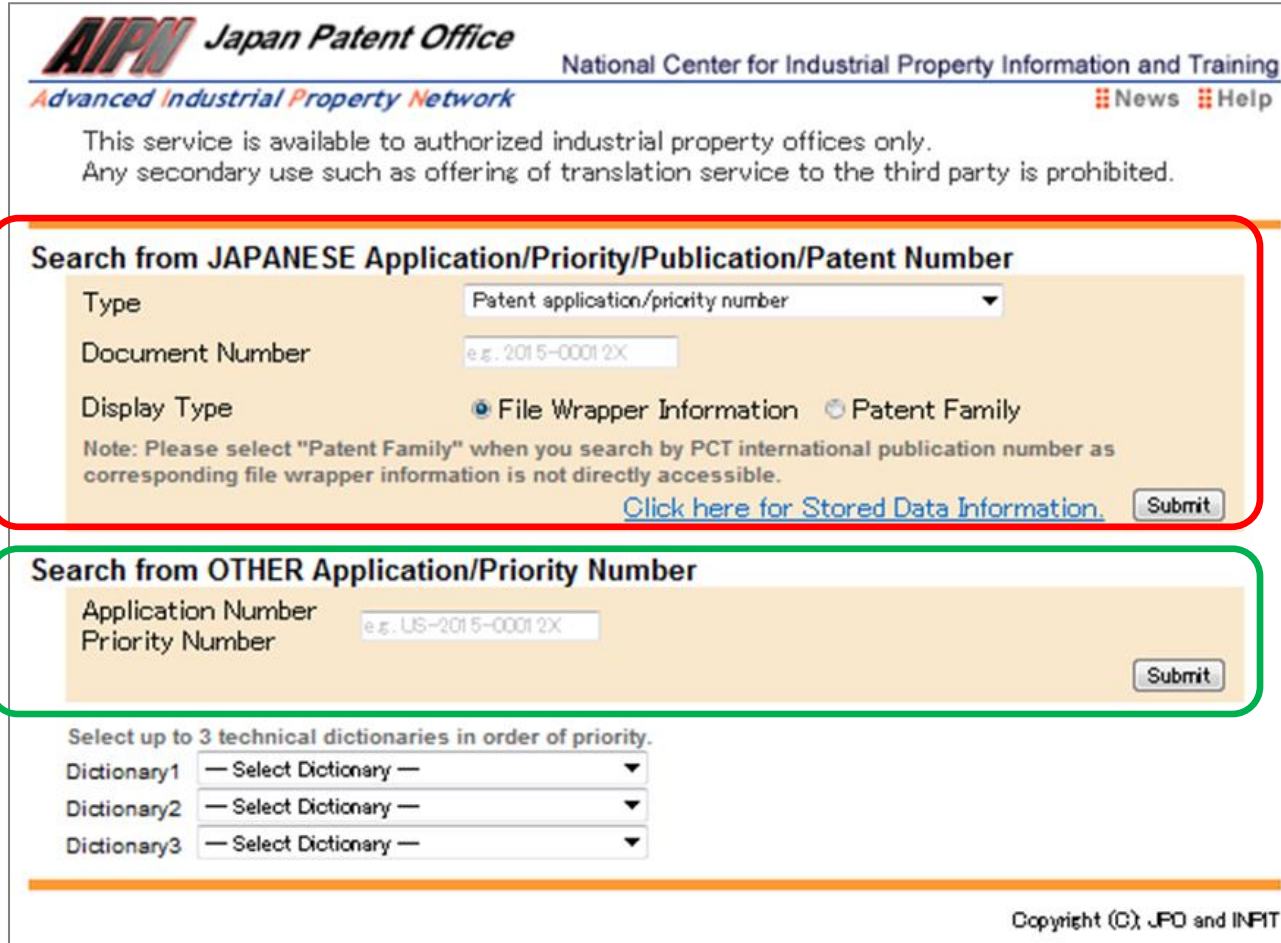
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<ul style="list-style-type: none"> ■ Application data and Transaction history 	
<ol style="list-style-type: none"> 1. 28.04.2003: Request for patent 2. 28.04.2003: Description 3. 28.04.2003: Drawings 4. 28.04.2003: Abstract --- . --- . --- : --- Certified or Appended Information 5. 14.02.2005: Request for Examination --- . --- . --- : --- Certified or Appended Information 6. 28.09.2007: Search Report by Registered Searching Organization 7. 01.10.2007: Assessment on Search Report by Registered Searching Organization 8. 09.10.2007: Notification of Reasons for Refusal 9. 05.12.2007: Written Withdrawal of Application --- . --- . --- : --- Certified or Appended Information 	[Document Name]Request for patent [Reference Number]J0098987 [Filing date]Heisei 15(2003) April 28 [Recipient] JPO commissioner [International Patent Classification] B41J 5/00 [Inventor(s)] [Address]3-3-5, Owa, Suwa-shi, Nagano-ken Inside of SEIKO EPSON CORPORATION [Name]Yoshiharu Hamaguchi [Inventor(s)] [Address]3-3-5, Owa, Suwa-shi, Nagano-ken Inside of SEIKO EPSON CORPORATION [Name]Yusuke Torigoe [Applicant] [Identification Number]000002369 [Name]SEIKO EPSON CORPORATION [Representative] [Identification Number]100094525 [Patent Attorney] [Name]DOI, Kenji [The representative who assigned] [Identification Number]100094514 [Patent Attorney] [Name]HAYASHI, Tsunenori [The representative who assigned]

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- 28.04.2003: Description
- 28.04.2003: Drawings
- 28.04.2003: Abstract
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- 14.02.2005: Request for Examination
--- : --- : --- Certified or Appended Information
- 28.09.2007: Search Report by Registered Searching Organization
- 01.10.2007: Assessment on Search Report by Registered Searching Organization
- 09.10.2007: Notification of Reasons for Refusal
- 05.12.2007: Written Withdrawal of Application
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- 7. [30.04.2009: Assessment on Search Report by Registered Searching Organization](#)
- 8. [12.05.2009: Notification of Reasons for Refusal](#)
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- 1. [28.04.2003: Request for patent](#)
- 2. [28.04.2003: Description](#)
- 3. [28.04.2003: Drawings](#)
- 4. [28.04.2003: Abstract](#)
- 5. [14.02.2005: Request for Examination](#)
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- 7. [01.10.2007: Assessment on Search Report by Registered Searching Organization](#)
- 8. [09.10.2007: Notification of Reasons for Refusal](#)
- 9. [05.12.2007: Written Withdrawal of Application](#)

Notification of Reasons for Refusal

Application number: Patent Application No. 2003-123456
Date of Drafting: Heisei 19(2007) October 1
Patent examiner: MIDORIKAWA, Takashi 2950 Five E00
Representative/Applicant: DOI, Kenji (besides one person)
Applied Provisions: Article 29(1), Article 29(2), Article 36, **
37 sections

This application should be refused for the reason that the following Reason. If the applicant has any argument against the reason, such argument should be submitted within 60 days from the dispatch date of this notification.

Reason

Reason A. -- This patent application does not fulfill the requirement of the provision of Patent Law Article 37 in terms of the item(s) listed below.

Reason B. -- This patent application does not fulfill the requirement of the provision of Patent Law Article 36(6)(i) in terms of the item(s) listed below regarding the statement of the scope of claims.

Reason C. -- This patent application does not fulfill the requirement of the provision of Patent Law Article 36(6)(ii) in terms of the item(s) listed below regarding the statement of the scope of claims.

Reason D. -- Since the invention comprising the following claim of this application is an invention which belongs

2. Access to Dossier Information - 6/8

Notification of Reasons for Refusal

Application number: Application for patent 2006-174175
Date of Drafting: Heisei 23(2011) May 17
Patent examiner: GOTO, Yoshihiro 3660 5C00
Representative/Applicant: FUKAMI, Hisao (besides five persons)
Applied Provisions: Article 29(2), Article 36

This application should be refused for the reason that the following Reason. If the applicant has any argument against the reason, such argument should be submitted within 60 days from the dispatch date of this notification.

Reason

A. The claimed invention(s) in the each claim listed below of this patent application should not be granted a patent under the provision of Patent Law Article 29 (2) for the reason that the claimed invention(s) could have easily been made by persons who have common knowledge in the technical field to which the claimed invention(s) pertains, on the basis of the invention(s) described in the distributed publication(s) listed below or made available to the public through electric telecommunication lines in Japan or other foreign countries prior to the filing of the patent application.

Account (Please refer to "The list of cited documents etc." for cited documents etc.)

About Claims 1-7, [:cited document 1-2 cited document 1] Especially in [in view of the description of 0095 -0101 paragraph] the system which consists of a cellular-phone machine (communication terminal device), a broadcasting station (service server), and TV receiving set (graphic display device). That TV receiving set receives contents and incidental information from a broadcasting station, and carries out display of contents and transmission to the cellular-phone machine of incidental information and giving an indication based on the incidental information which the cellular-phone machine received are described. As described in 0033 to 0072 paragraph of cited document 2, being based on terminal information which acquired information transmitted to a handheld device from a communication terminal is a well-known technology.

Exceptional technical difficulty is not observed in obtaining the invention in this application by adding the above-mentioned well-known technology about information transmitted to a handheld device in an invention described in cited document 1.

The list of cited documents etc.

1. JP,2003-234709,A
2. JP,2006-127370,A

Title of document

Bibliographic part

Clause of the patent law applied by examiners (e.g. Article 29(2))

Reason why examiners think it unpatentable

Relevant passage in the cited document (e.g. paragraph)

Cited documents

2. Access to Dossier Information - 7/8

Patentability: Major Articles in the Japanese Patent Acts

29(1) Statutory inventions / Industrial applicability

29(1)(iii) Novelty

29(2) Inventive step

29bis Secret prior art

39 Double patent

36(6)(ii) Clarity of claims

36(6)(i) Support requirement

36(4)(i) Enablement requirement

37 Unity of inventions

17bis(iii) New matters in amendment

***Regarding Novelty and Inventive step, they will be introduced in the afternoon session.**

2. Access to Dossier Information - 8/8

How to find the patented claim

- Application data and Transaction history

- [29.11.2011: Request for a Patent](#)
- [29.11.2011: Description](#)
- [29.11.2011: Claims](#)
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- [29.11.2011: Drawings](#)
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- [18.12.2015: Assessment on Search Report by Registered Searching Organization](#)
- [24.12.2015: Decision to Grant a Patent](#)

[Document Name]Claims

[Claim 1]A semiconductor magnetic cell which detects change of a bias magnetic field accompanying approach of a bias magnet which generates a bias magnetic field, and a detected material which is arranged in a bias magnetic field which the bias magnet generates, and comprises a magnetic body, A noncontact switch forming an element fitting part held in a noncontact switch which is provided with an attachment component holding the aforementioned bias magnet, and detects a position of the aforementioned detected material so that the aforementioned semiconductor magnetic cell may be separated with the aforementioned bias magnet to the aforementioned attachment component.

[Claim 2]The noncontact switch according to claim 1 having formed a concave part in the aforementioned semiconductor magnetic cell of the aforementioned bias magnet, and a front face which opposes, and making an inner wall surface of the concave part into a tapered surface.

[Claim 3]The noncontact switch according to claim 1 or 2 arranging an element fitting part of the aforementioned attachment component in a concave part inside a front face of the aforementioned bias magnet.

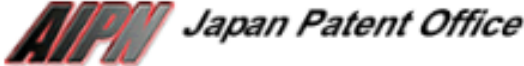
[Document Name]Claims

[Claim 1]A semiconductor magnetic cell which detects change of a bias magnetic field accompanying approach of a bias magnet which generates a bias magnetic field, and a detected material which is arranged in a bias magnetic field which the bias magnet generates, and comprises a magnetic body, In a noncontact switch which is provided with an attachment component holding the aforementioned bias magnet, and detects a position of the aforementioned detected material, An element fitting part held so that the aforementioned semiconductor magnetic cell may be separated with the aforementioned bias magnet to the aforementioned attachment component is formed, Form a concave part in the aforementioned semiconductor device of the aforementioned bias magnet, and a front face which opposes, arrange an element fitting part of the aforementioned attachment component in the concave part, and it makes an inner wall surface of the aforementioned concave part of the aforementioned bias magnet into a tapered surface, A noncontact switch, wherein magnetic flux density constitutes so that an area of the strength may be distributed in parallel to a front face of the aforementioned bias magnet.

[Claim 2]The noncontact switch according to claim 1 forming a locking part characterized by comprising the following for locking a terminal base.
A substrate mounting part holding a substrate by which the aforementioned semiconductor magnetic cell is electrically connected to the aforementioned attachment component.
A terminal which outputs an electrical signal which the aforementioned substrate emits to an external instrument.

[Claim 3]The noncontact switch according to claim 1 or 2 having divided the aforementioned bias magnet into plurality and putting a magnetic body among these.

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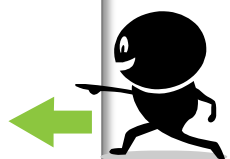
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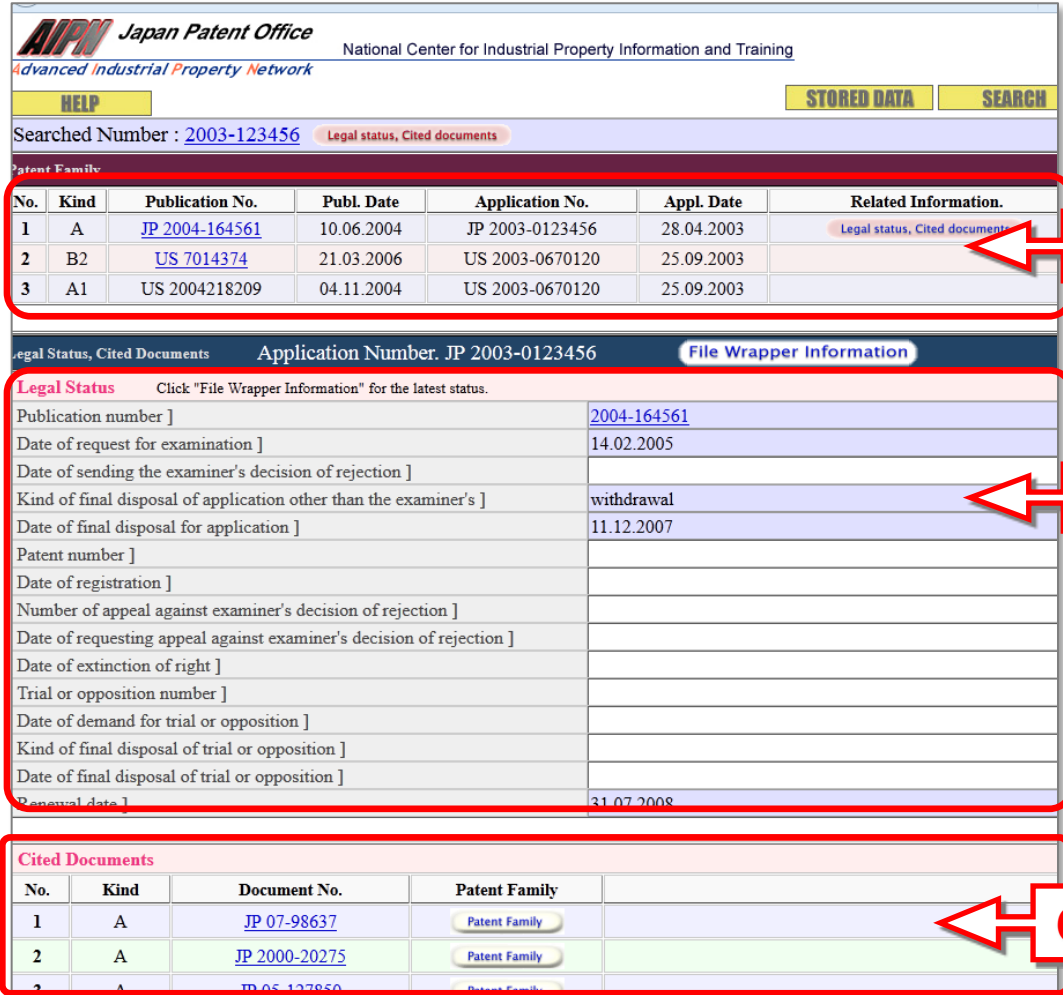
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No.	Kind	Publication No.	Publ. Date	Application No.	Appl. Date	Related Information.
1	A	JP 2004-164561	10.06.2004	JP 2003-0123456	28.04.2003	Legal status, Cited documents
2	B2	US 7014374	21.03.2006	US 2003-0670120	25.09.2003	
3	A1	US 2004218209	04.11.2004	US 2003-0670120	25.09.2003	

Publication number]	2004-164561
Date of request for examination]	14.02.2005
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Date of final disposal for application]	11.12.2007
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Date of registration]	
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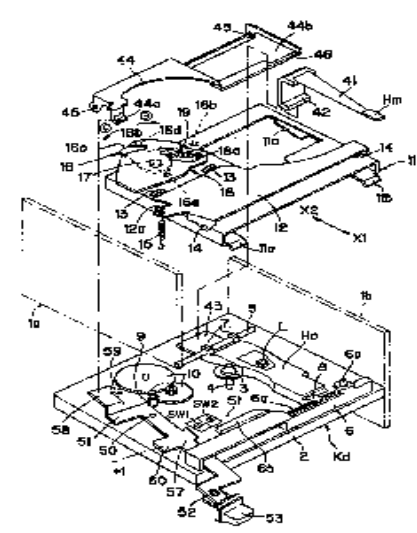
CLAIM + DETAILED DESCRIPTION

[Claim(s)]
[Claim 1] If it has the mode change member which can be displaced between the disk blowdown mechanism which discharges the disk in a set state, and a playback mode position and a discharge mode position and the mode change member is manually displaced from a playback mode position to a discharge mode position Disk drive equipment characterized by being constituted so that the disk in a set state may be discharged by said disk blowdown mechanism.
[Claim 2] The head migration mechanism in which a head is ****(ed) to the set disk, If it has the mode change member which can be displaced between a reproduction mode position and a record mode position and

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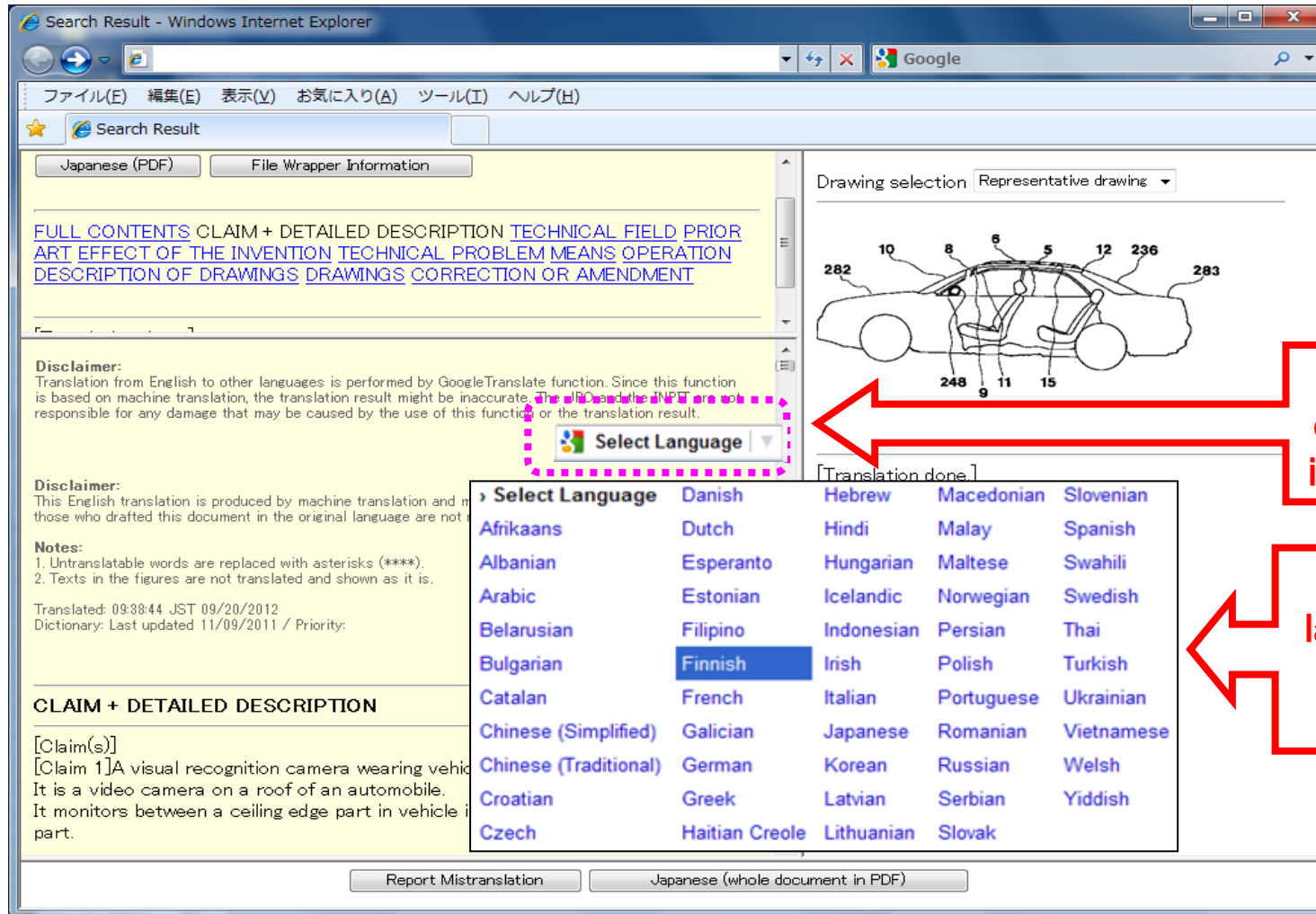
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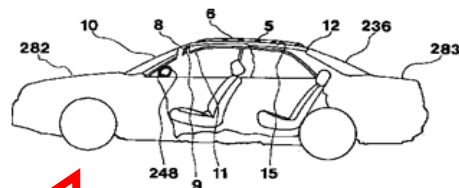
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CLAIM + DETAILED DESCRIPTION

[Claim(s)]
[Claim 1] A visual recognition camera wearing vehicle is a video camera on a roof of an automobile. It monitors between a ceiling edge part in vehicle interior part.

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[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]


 US007014374B2

(12) **United States Patent**
Hamaguchi et al.

(54) **PRINTING APPARATUS AND PRINTING METHOD FOR PERFORMING PRE-COMMUNICATION WITH AN EXTERNAL DEVICE**

(75) Inventors: **Yoshiharu Hamaguchi**, Nagano-ken (JP); **Yusuke Torigoe**, Nagano-ken (JP)

(73) Assignee: **Seiko Epson Corporation**, Tokyo (JP)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 63 days.

(21) Appl. No.: **10/670,120**

(22) Filed: **Sep. 25, 2003**

(65) **Prior Publication Data**
US 2004/0218209 A1 Nov. 4, 2004

(30) **Foreign Application Priority Data**

(10) Patent No.: **US 7,014,374 B2**

(45) Date of Patent: **Mar. 21, 2006**

(56) **References Cited**
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2003/0222985 A1* 12/2003 Goto et al. 348/207.2

2004/0090543 A1* 5/2004 Suehiro 348/231.99

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JP 11341065 A * 12/1999

JP 11355704 A * 12/1999

JP 2001-290612 10/2001

JP 2003309618 A * 10/2003

JP 2004013350 A * 1/2004

* cited by examiner

Primary Examiner—Minh Chau
(74) Attorney, Agent, or Firm—Sughruc Mion, PLLC

(57) **ABSTRACT**

The present invention provides a printing method and the

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3. Access to Patent Family and Legal Status - 9/13

Legal Status & Cited Documents

No.	Kind	Publication No.	Publ. Date	Application No.	Appl. Date	Related Information.
1	A	JP 2004-164561	10.06.2004	JP 2003-0123456	28.04.2003	Legal status, Cited documents
2	B2	US 7014374	21.03.2006	US 2003-0670120	25.09.2003	
3	A1	US 2004218209	04.11.2004	US 2003-0670120	25.09.2003	

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[Date of final disposal for application]		11.12.2007
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1	A	JP 2004-164561	10.06.2004	JP 2003-0123456	28.04.2003	Legal status, Cited documents
2	B2	US 7014374	21.03.2006	US 2003-0670120	25.09.2003	
3	A1	US 2004218209	04.11.2004	US 2003-0670120	25.09.2003	

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- [28.04.2003: Request for a Patent](#)
- [28.04.2003: Description](#)
- [28.04.2003: Drawings](#)
- [28.04.2003: Abstract](#)
- [14.02.2005: Request for Examination](#)
- [28.09.2007: Search Report by Registered Searching Organization](#)
- [01.10.2007: Assessment on Search Report by Registered Searching Organization](#)
- [09.10.2007: Notification of Reasons for Refusal](#)
- [05.12.2007: Written Withdrawal of Application](#)

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No.	Kind	Publication No.	Publ. Date	Application No.	Appl. Date	Related Information.
1	A	JP 2004-164561	10.06.2004	JP 2003-0123456	28.04.2003	Legal status, Cited documents
2	B2	US 7014374	21.03.2006	US 2003-0670120	25.09.2003	
3	A1	US 2004218209	04.11.2004	US 2003-0670120	25.09.2003	

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Cited Documents

No.	Kind	Document No.	Patent Family
1	A	JP 07-98637	Patent Family
2	A	JP 2000-20275	Patent Family
3	A	JP 05-127850	Patent Family
4	A	JP 06-35635	Patent Family
5	A	JP 11-203086	Patent Family

3. Access to Patent Family and Legal Status - 12/13

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No.	Kind	Publication No.	Publ. Date	Appl.
1	A	JP 2004-164561	10.06.2004	JP 2004-164561
2	B2	US 7014374	21.03.2006	US 2004-128209
3	A1	US 2004218209	04.11.2004	US 2004-128209

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1	A	JP 07-98637	Patent Family
2	A	JP 2000-20275	Patent Family
3	A	JP 05-127850	Patent Family
4	A	JP 06-35635	Patent Family
5	A	JP 11-203086	Patent Family

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PATENT ABSTRACTS OF JAPAN

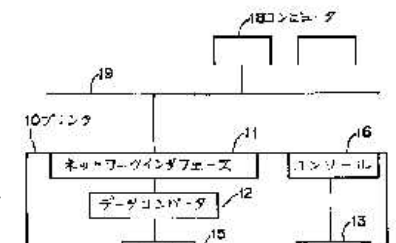
(11)Publication number : **07-098637**
(43)Date of publication of application : **11.04.1995**

(51)Int. Cl. **G06F 3/12**
B41J 5/30

(21)Application number : **05-243149** (71)Applicant : **FUJI XEROX CO LTD**
(22)Date of filing : **29.09.1993** (72)Inventor : **SATO MITSURU**

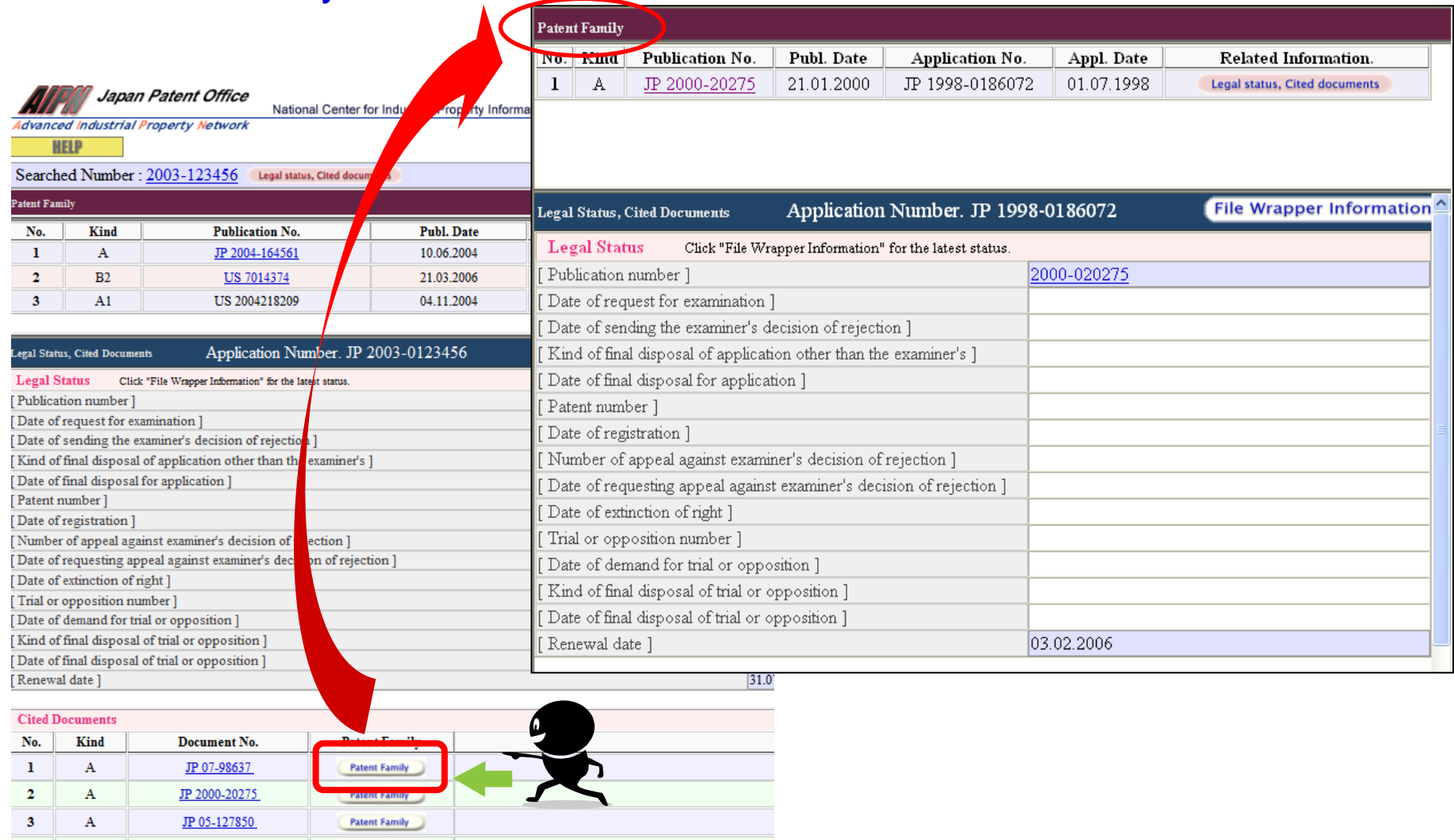
(54) **PRINTER**

(57)Abstract:
PURPOSE: To use the function of a printer where the picture generation program of a computer cannot be used and to prevent the print output of the other user from being affected in the printer connected to a network.
CONSTITUTION: A registration means 13 registers a user name or a network address to be used for holding means 14 by associating it with a processing attribute which the user uses. When the user requests output to the printer, an additional means 12 extracts the user name included in the output request or the network address to be used, extracts the processing attribute registered by associating with them from the holding means 14 and transfers it with picture data of the request to a picture output part 17.



3. Access to Patent Family and Legal Status - 13/13

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Patent Family

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2	B2	US 7014374	21.03.2006
3	A1	US 2004218209	04.11.2004

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1	A	JP 07-98637	Patent Family
2	A	JP 2000-20275	Patent Family
3	A	JP 05-127850	Patent Family

Patent Family

No.	Kind	Publication No.	Publ. Date	Application No.	Appl. Date	Related Information.
1	A	JP 2000-20275	21.01.2000	JP 1998-0186072	01.07.1998	Legal status, Cited documents

Legal Status, Cited Documents Application Number. JP 1998-0186072 [File Wrapper Information](#)

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