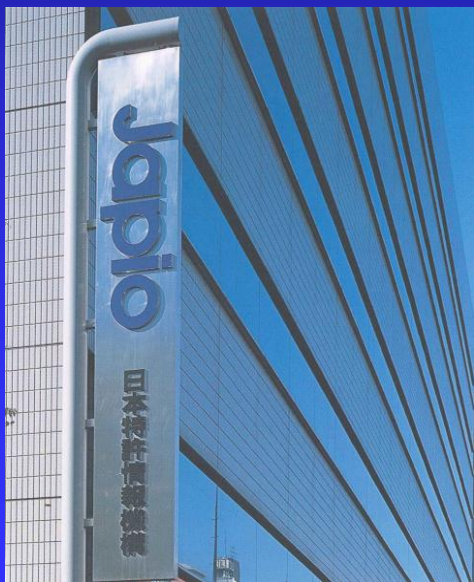


# Quality of the IPDL's service and future development



**Japio**

Japan Patent Information Organization



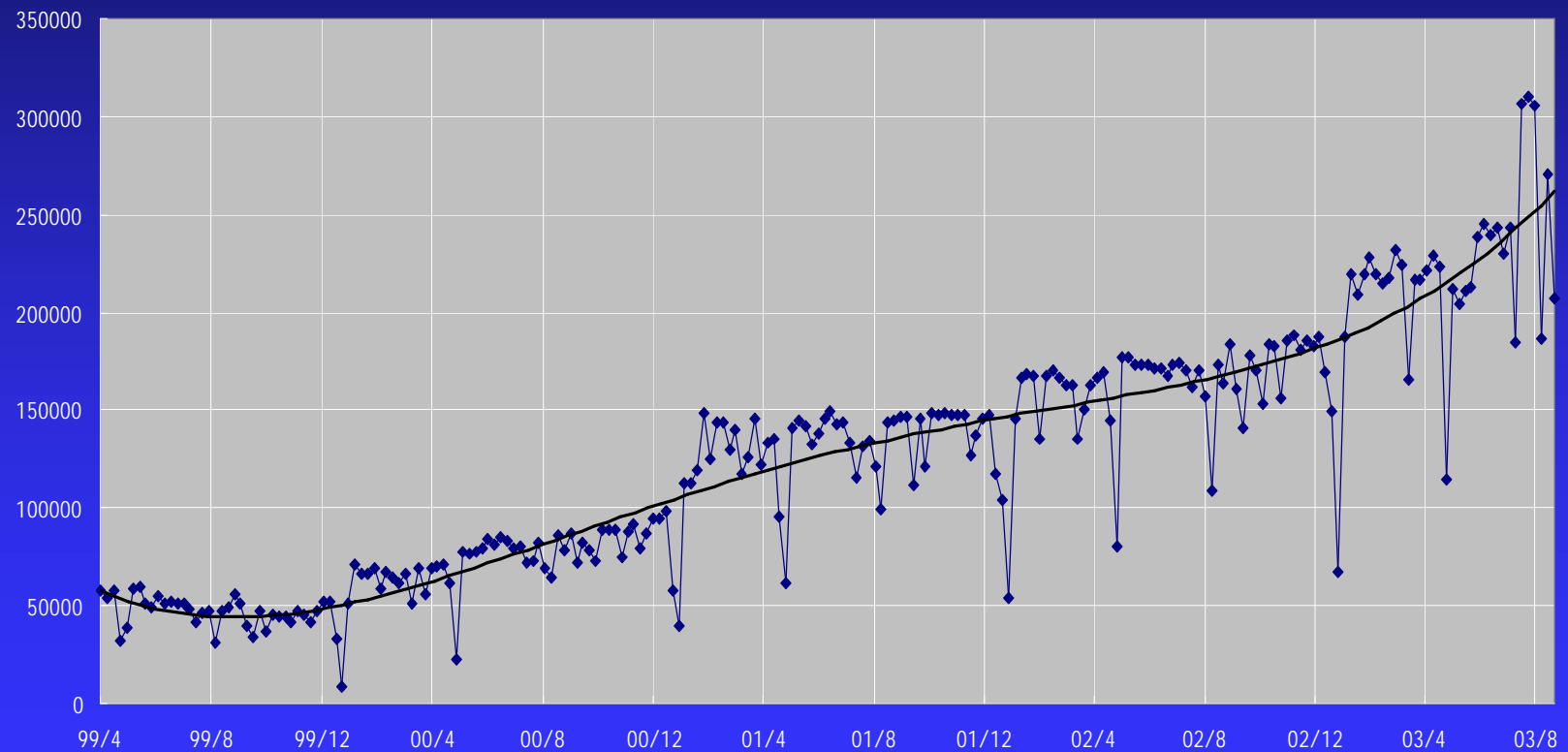
# IPDL's History

- n 1999 IPDL was launched on 31/03
- n 1999FY 16 domestic services and 1 English service were added.
- n 2000FY 5 domestic services and 4 English services were added.
- n 2001FY 2 domestic services and 2 English services were added.
- n 2002FY 2 domestic services and 1 English service were added



# Usage frequency of IPDL

Top page access count per week  
Apr.1999 - Aug.2003





# IPDL Services

Service	Domestic	English
Patent & Utility Model	12	5
Trademark	13	4
Design	7	0
Foreign Gazette	2	0
Judgment	2	0
Examination information	3	0
Other services	6	0
TOTAL	45	9



# English services of IPDL

5 services for Patent and Utility Models

- n Patent & Utility Model Gazette DB
- n Patent & Utility Model Concordance
- n FI/F-term Search
- n PAJ (Patent Abstracts of Japan)
- n Patent Map Guidance



# English services of IPDL

4 services for Trademark

- n Japanese Trademark Database
- n Japanese Figure Trademark
- n Japanese Well-Known Trademark
- n List of Goods and Services



# Outline of P&U services

- n Patent & Utility Model Gazette DB
  - ➔ Number search for all Gazette
- n Patent & Utility Model Concordance
  - ➔ Indicate whole series of document number by any of them
- n FI/F-term Search
  - ➔ Search by FI and F-term
- n PAJ (Patent Abstracts of Japan)
  - ➔ Text search , IPC search and number search
- n Patent Map Guidance
  - ➔ Search FI/F-term list by IPC



# Outline of Trademark services

- n Japanese Trademark Database
  - ➔ Search Trademark by the name, numbers or date
- n Japanese Figure Trademark
  - ➔ Search all Figure Trademark by figure term and/or Class
- n Japanese Well-Known Trademark
  - ➔ Search by the name of Trademark and/or registration number
- n List of Goods and Services
  - ➔ Search International class and Similar group code by the name of goods or service



# Domestic services of IPDL

## Examination history information service (Sample)

All the examination history information is displayed with code and characters

特許文献の種別	特開 平6-44371(GP, A) 特表 平6-506657(JP, A)
審査請求記事	審査請求数(1)
出願詳細項目記事	(8516) 査定種別(登録査定) 最終処分(登録) 最終処分日[平13.12.21] 通常審査 受付 作成日[平9.2.13] A63 願書 受付日[平8.6.19] 未完(戻し保留対象外書類) 特許印紙 21000 円 受付 作成日[平10.1.19] A621 出願審査請求書 差出日[平10.1.5] 受付日[平10.1.5] 方式完 特許印紙 78400 円 受付 作成日[平10.1.19] A781 上申書 差出日[平10.1.5] 受付日[平10.1.5] 方式完 受付 作成日[平10.1.19] A542-PCT34 条補正書 差出日[平10.1.5] 受付日[平10.1.5] 方式完 受付 作成日[平13.11.9] A7D2-一括住所変更届(代理人) 受付日[平10.10.26] 未完(戻し保留対象外書類) 受付 作成日[平10.11.9] A7D2-一括住所変更届(代理人) 受付日[平10.10.26] 未完(戻し保留対象外書類) 審査記録 受付 作成日[平11.12.2] A721 名称(氏名)変更届(出願人) 差出日[平11.11.10] 受付日[平11.11.10] 方式完 発送 作成日[平13.11.5] A133 拒絶理由通知書(面接) 起案日[平13.10.19] 発送日[平13.10.19] 拒絶理由条文コード(04 第36条) 受付 作成日[平13.11.5] A523 手続補正書 差出日[平13.10.19] 受付日[平13.10.19] 方式完 指令完 庁内 作成日[平14.1.16] A971003 審査用メモ(実体審査) 処分日[平13.11.9] 発送 作成日[平13.11.20] A01 登録査定 起案日[平13.11.9] 発送日[平13.11.20] 受付 作成日[平13.12.20] A61 登録料納付 差出日[平13.12.13] 受付日[平13.12.13] 未完(戻し保留対象外書類)
更新日付	[平14.3.4]

[基本項目] [出願情報] [登録情報]



# How to search Patent DB

- n If you need a search by Text and/or IPC
  - PAJ search (Text search)
- n If you need a search by Document number
  - Patent & Utility Model Gazette DB
  - PAJ search (Number search)
- n If you need a search by Application number
  - PAJ search (Number search)
  - Patent & Utility Model Concordance
    - Patent & Utility Model Gazette DB
- n If you need a search by FI/F-term
  - FI/F-term Search



# Search PAJ (Text search)

Click "Number Search" button for number search

Enter keyword for "the name of Applicant" or "Title of invention" or "Abstract"  
Max size is 200 bytes each box

Enter Date of publication of application if necessary

Enter IPC if you need  
Max size is 200 bytes

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If you want to conduct a Number Search, please click on the button to the right.

Applicant, Title of invention, Abstract --- e.g. computer semiconductor

If you use the AND/OR operation, please leave a SPACE between keywords.  
One letter word or Stopwords are not searchable.

AND

AND

AND

AND

Date of publication of application --- e.g. 19980401 - 19980405

AND

IPC --- e.g. D01B7/04 A01C11/02

Search Stored data

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Select the kind of document

Enter Number of specified kind  
Max size is 200 bytes

Then click "Search" button

Searching PAJ

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Number Search

If you want to conduct a Text Search, please click on the button to the right. Text Search

Enter Number --- e.g. 07-123456 2000-123456

If you use the OR operation, please leave a SPACE between numbers.

Application number  Publication number  Patent number  
 Number of appeal against examiner's decision of rejection

Search Stored data

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# Search result

Number list is primarily displayed

Click "Search" button for another search

Click "MENU" button for moving on to Top page

Click Publication Number for displaying PAJ

No.	Publication No.	Title
1.	<a href="#">2001 - 000004</a>	LEVEL CONTROLLING APPARATUS
2.	<a href="#">2001 - 000003</a>	LEVEE BUILDING MACHINE
3.	<a href="#">2001 - 000002</a>	TILLING TINE ATTACHING STRUCTURE OF TENDING MACHINE
4.	<a href="#">2001 - 000001</a>	ROTARY TILLER

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# Search result (PAJ)

Click "NEXT" button for displaying next document

Click "BACK" button for displaying previous document

Click "SEARCH" button for another search

Click "INDEX" button for displaying Number List

Click "DETAIL" button for displaying automatic translated Gazette

Click "JAPANESE" button for displaying Japanese Gazette

12 / 64

**PATENT ABSTRACTS OF JAPAN**

Application number : 2001-052445  
Date of publication of application : 23.02.2001

(51)Int.Cl. G11B 20/10  
G11B 7/004  
G11B 7/26  
G11B 20/14

(21)Application number : 11-222206 (71)Applicant : VICTOR CO OF JAPAN LTD  
(22)Filing : 05.08.1999 (72)Inventor : EGUCHI HIDEJI

(34) SIGNAL REPRODUCING DEVICE AND SIGNAL REPRODUCING METHOD

(57)Abstract:  
PROBLEM TO BE SOLVED: To provide a signal reproducing device and a signal reproducing method capable of accurately verifying signals prerecorded for illegal copy prevention in the specified sector for control data of a write-once type blank disk such as a DVD-R without adding to a disk.  
SOLUTION: This signal reproducing device band-limits encoding signals for recording in an LPF 16, adjusts a level and converts them to pseudo reproducing signals. The pseudo reproducing signals and prerecorded reproducing signals reproduced from the disk through a pickup 10 are synthesized and pseudo continuous reproducing signals are attained. Thus, the jitters and error rate of prerecorded signals are measured without adding to the disk.



# Search result (Machine translation)

Automatic Japanese-to-English translation  
The new window is popped up

Click the field name for displaying specified field  
The words inapplicable for translation are indicated as

“\*\*\*”

Click pull down menu to select the drawing



# FI/F-term search

Search by FI/F-term. (See the brochure.)

Select the type of documents

Enter Theme code if you need a search by F-term

Enter Publication year if necessary

Enter FI and/or F-term  
Compose a query with Boolean operators  
Max size is 500 bytes

Then click "Search" button

Click "HELP" button for online help



# Limitations of English data

IPDL databases are basically Japanese data except PAJ. Consequently there are some limitations for English services.

- n Bibliographic data is not displayed in Gazette
- n Name of Applicant is only be available on PAJ to be retrieved and displayed
- n Search by Name of Inventor is not available  
(Included PAJ but it is not always accurate)
- n Legal status information is available for applications newly published or experienced any legal action after April 1999
- n Name of Trademark is not always retrieved  
(Only the English Trademark in text form can be retrieved)



# Future design of IPDL (1)

JPO will replace some servers for assuring comfortable responses by the end of March 2004 .

- n Response time will become as quick as other public site
- n Timeout of Automatic translation will be reduced



## Future design of IPDL (2)

All English service except “Patent Map Guidance” and “List of goods and Service” will be free from shutdown by data maintenance by the end of March 2004 .

- n PAJ and Patent & Utility Model Gazette DB service have already become non-stop
- n Trademark services will become non-stop



# New English service

The new English service will be released by the end of March 2004 .

- n Japanese Design Database service
  - Number search and automatic Japanese-to-English translation



**Thank you**