

**E-services Workshop 2022**

# **JPO's IT services for dissemination of patent information**

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**NAWA Daisuke**

**Patent Information Policy Planning Office**



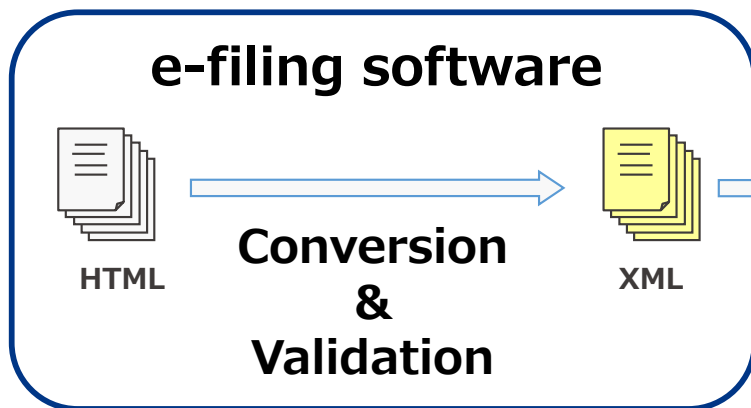
- 1 IT services for patent information dissemination**
- 2 J-PlatPat  
(Japan platform for patent information)**
- 3 Machine translation services**
- 4 API services**

- 1 IT services for patent information dissemination**
- 2 J-PlatPat  
(Japan platform for patent information)
- 3 Machine translation services
- 4 API services

# 1. IT services for patent information dissemination

The JPO is providing IT services with users for patent information, in addition to the online filing services or others.

Applicants

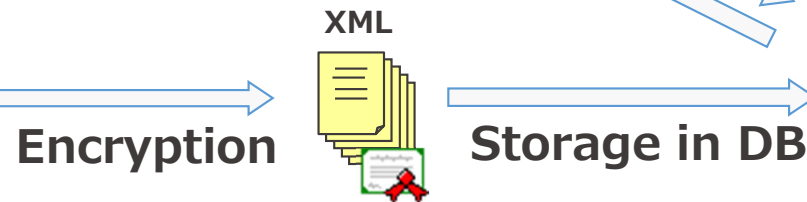


- Preparations in advance
- ✓ Install e-filing software
  - ✓ Register electronic certificate
  - ✓ Obtain Applicant Identifier

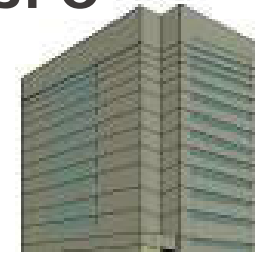
Foreign IP Offices



Data exchange



JPO



**J-Plat Pat**  
by INPIT

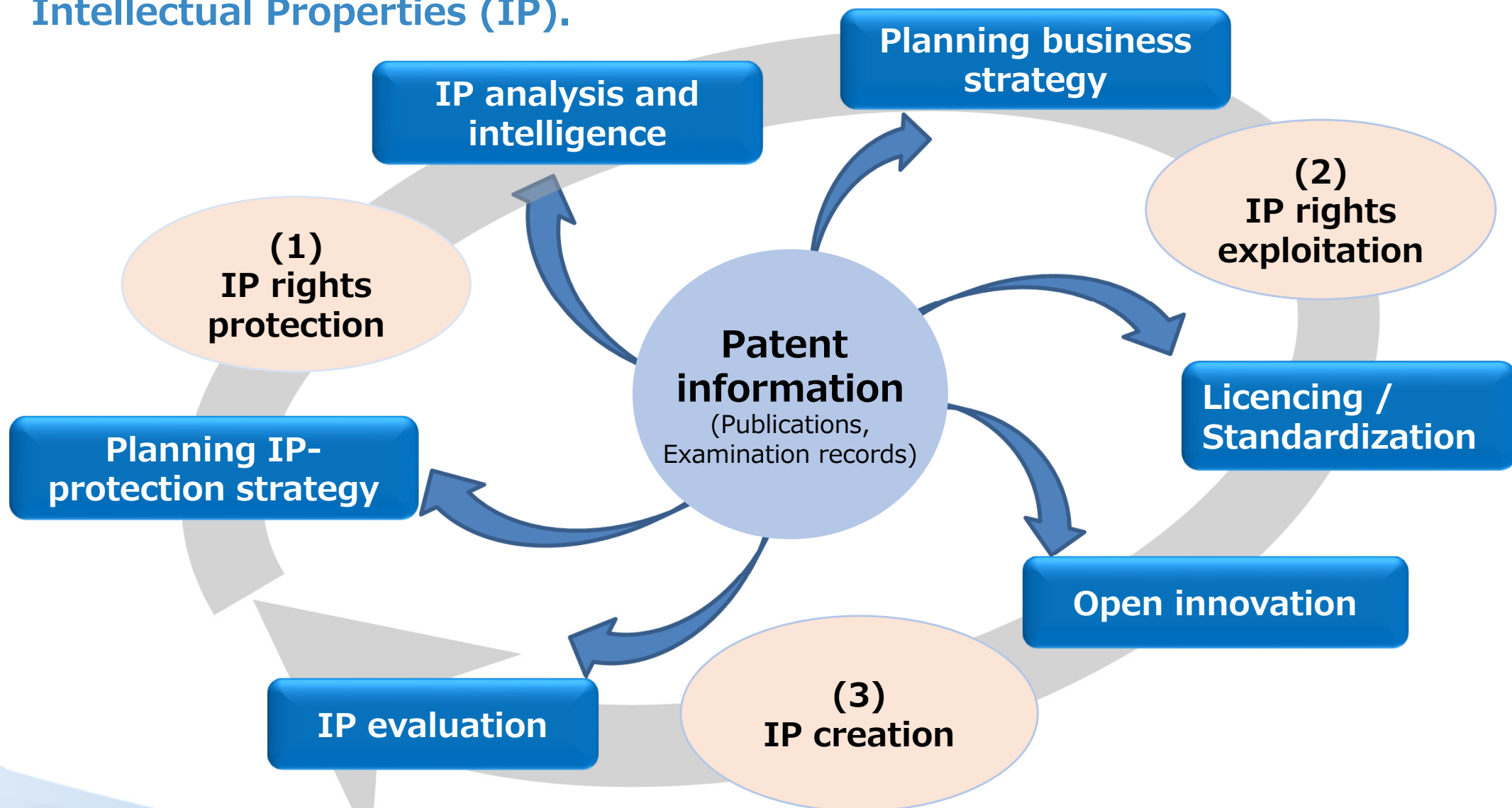
Public users

Patent information dissemination



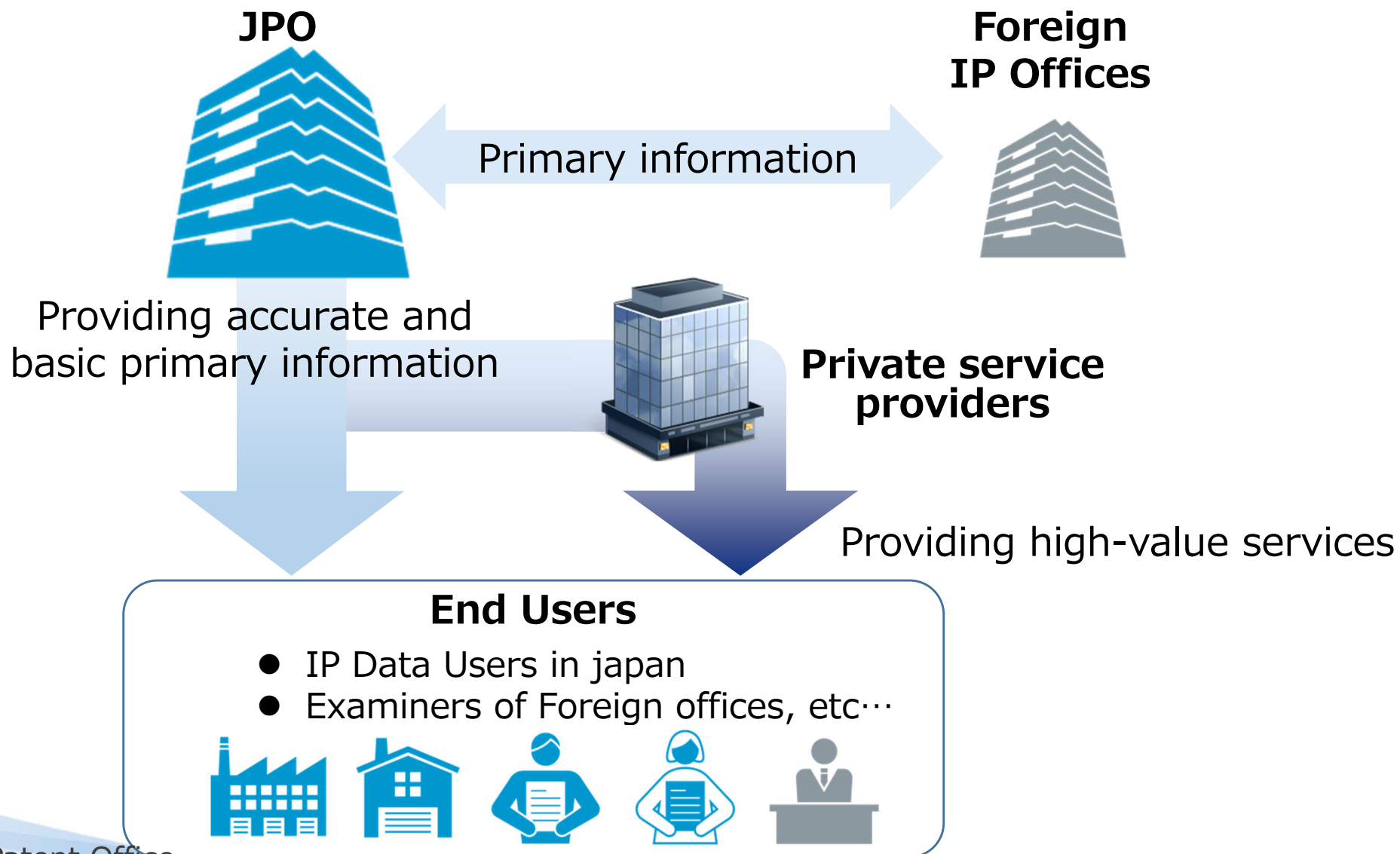
# 1. IT services for patent information dissemination

Patent information is a key driver for business development in utilizing Intellectual Properties (IP).



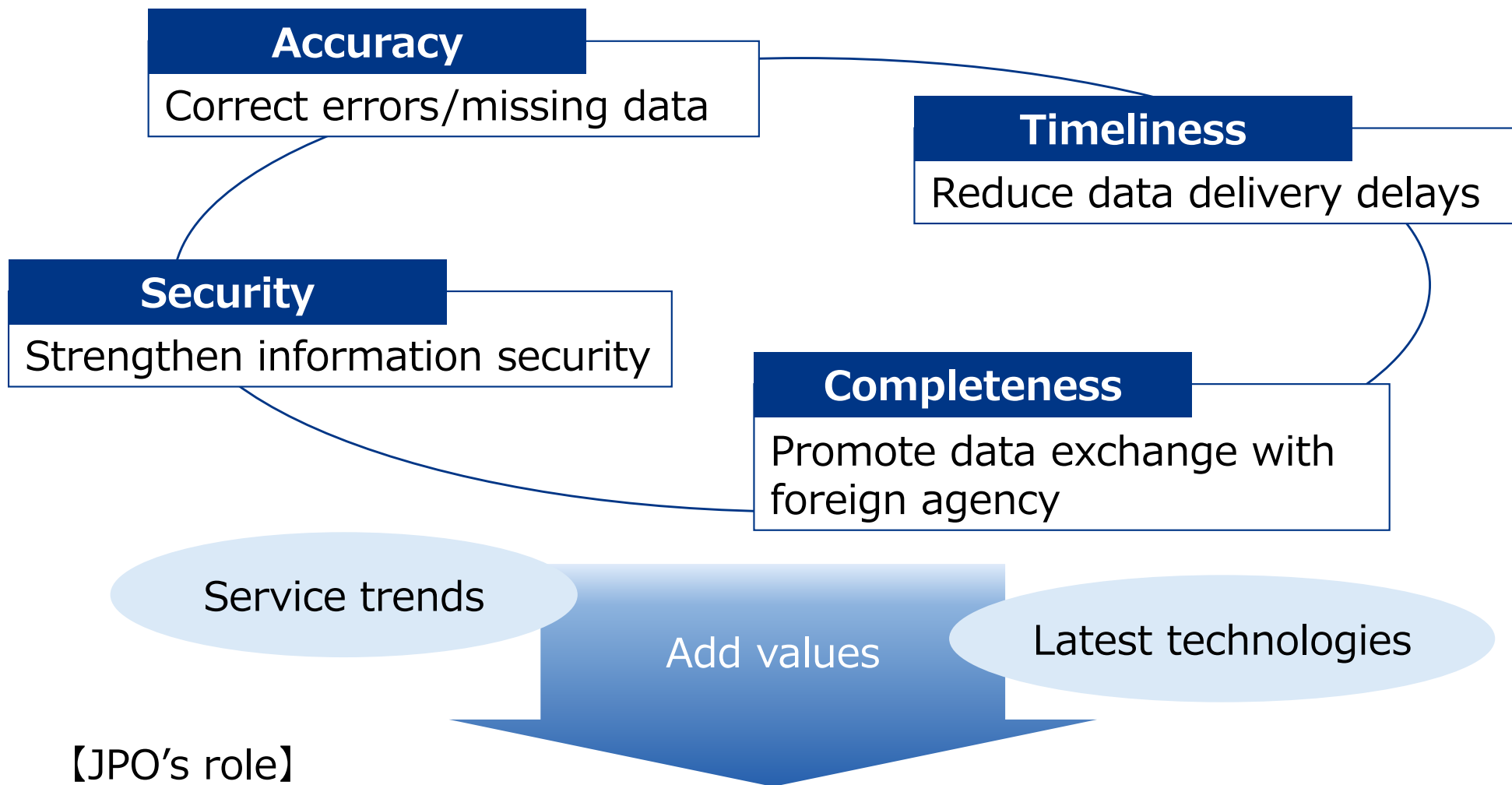
# 1. IT services for patent information dissemination

The main role of the JPO regarding patent information is providing accurate and basic primary information.



# 1. IT services for patent information dissemination

The JPO disseminates patent information in the policy of four perspectives.

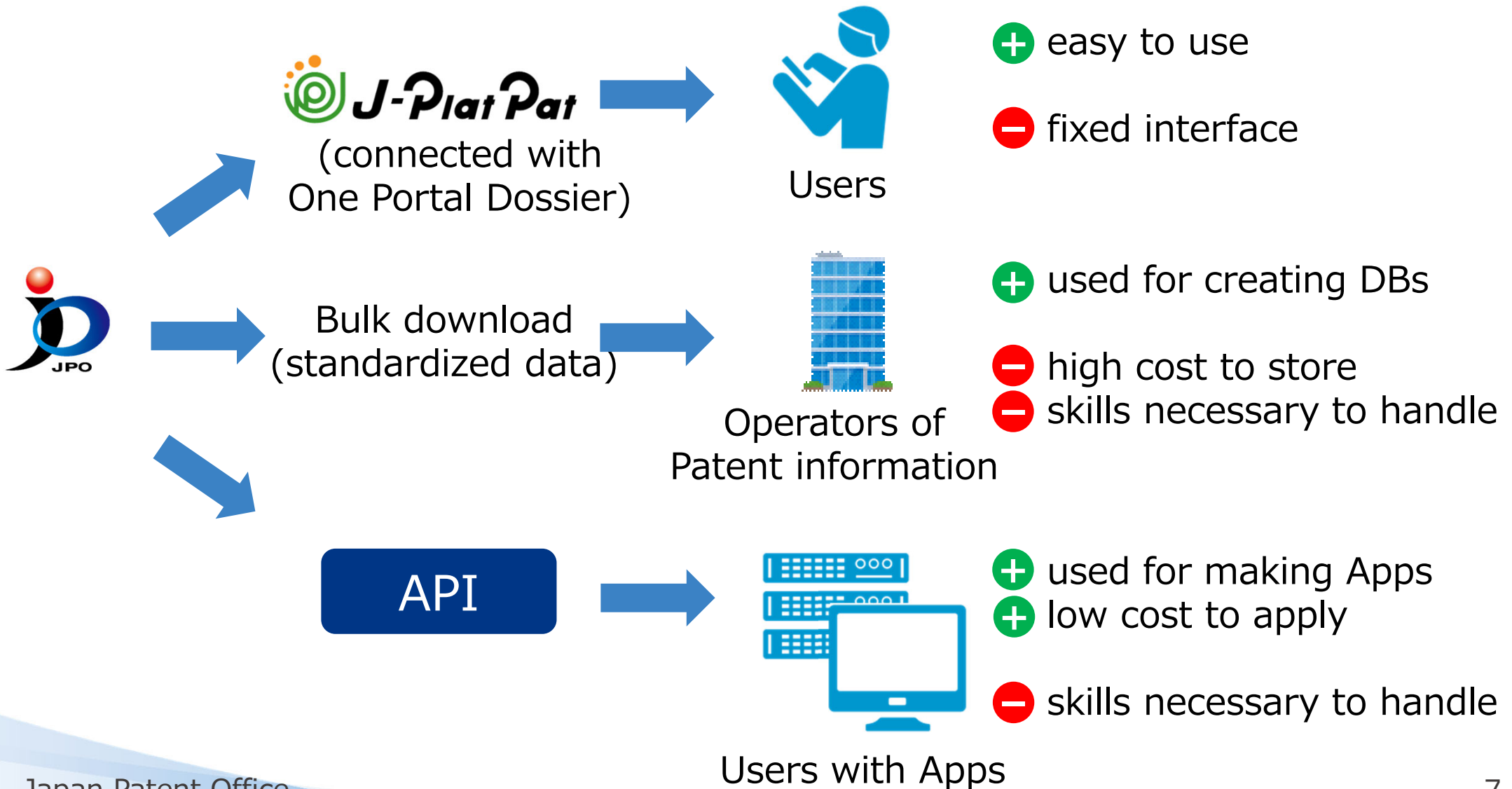


## 【JPO's role】

- Providing accurate and basic primary information
- Creating a market environment for the private service providers

# 1. IT services for patent information dissemination

The JPO has multi-channels to provide patent information. (+ pros - cons)

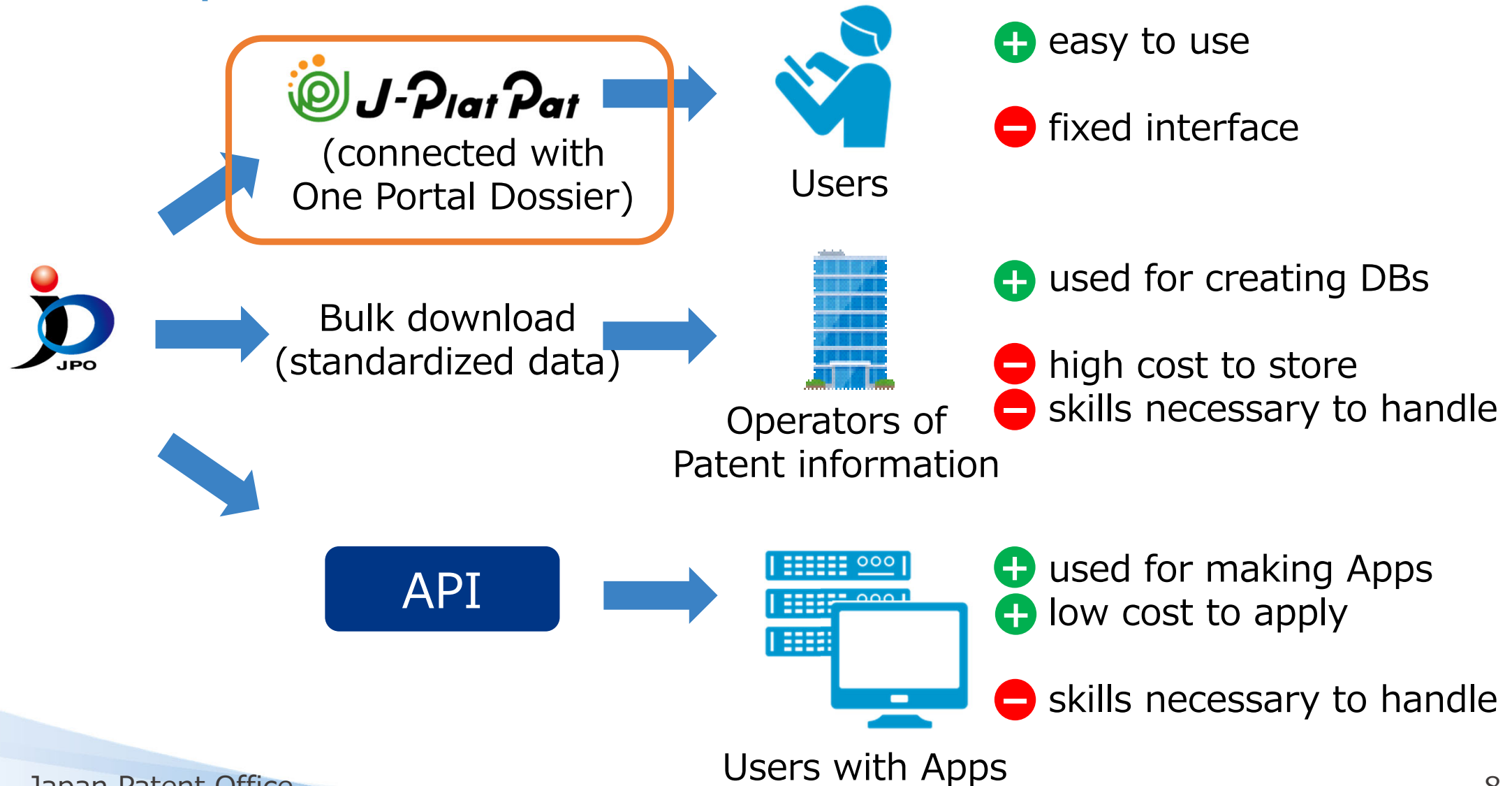




# 1. IT services for patent information dissemination

J-PlatPat is a service for beginners and advanced users to retrieve patent information.

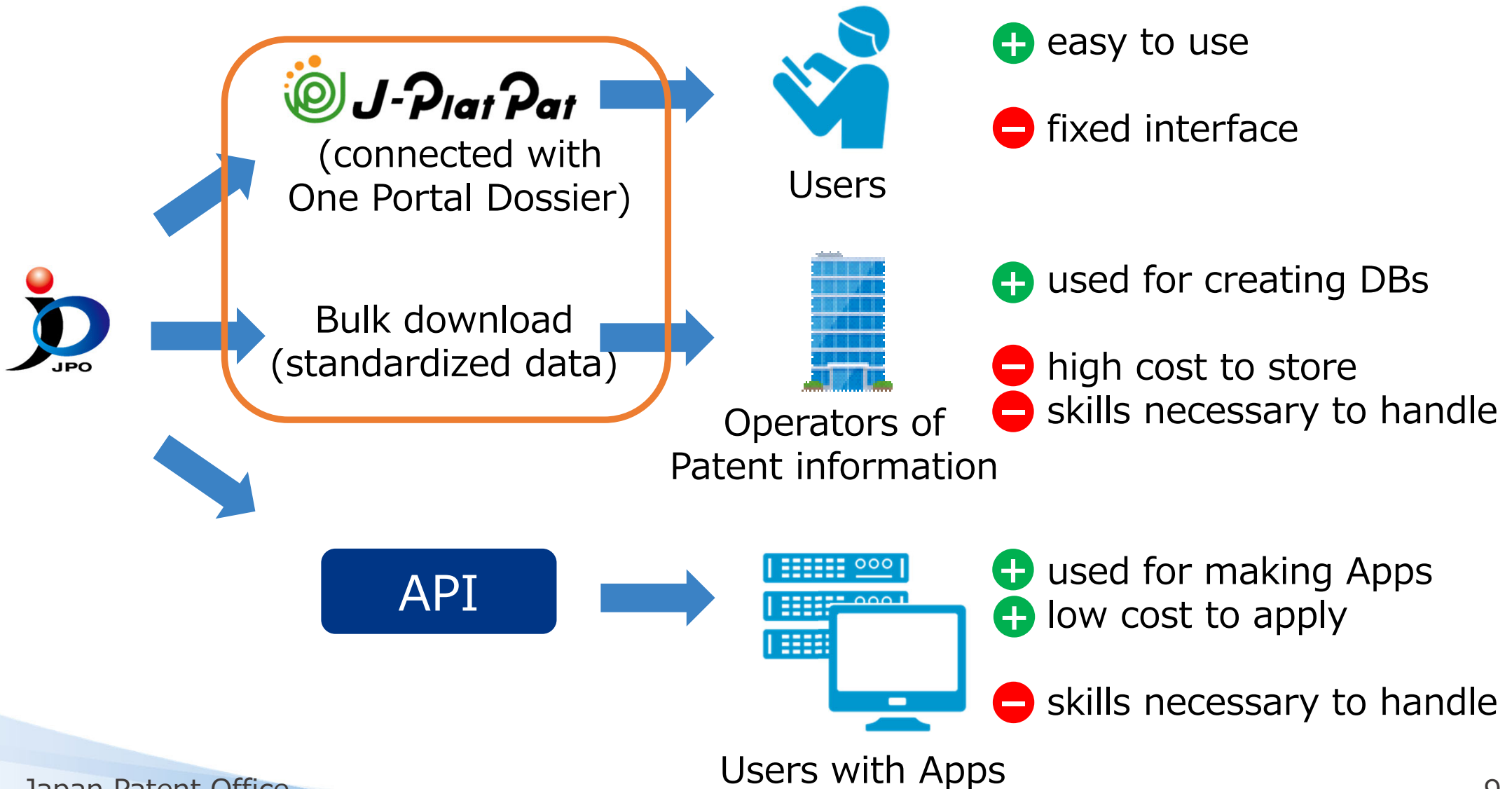
(+ pros - cons)



# 1. IT services for patent information dissemination

Machine translation is involved in these services.

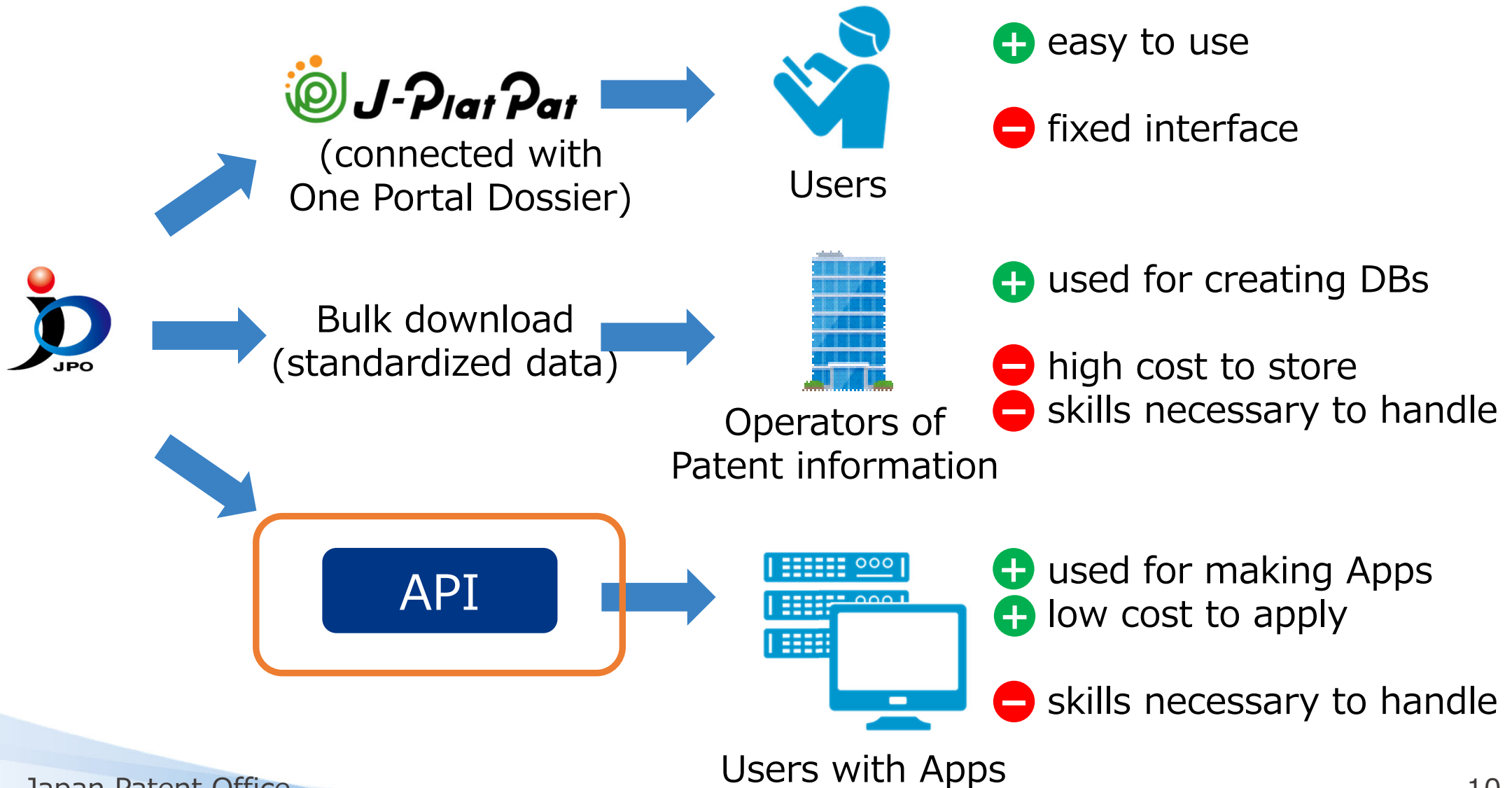
(+ pros - cons)



# 1. IT services for patent information dissemination

API services have been provided since January 2022.

(+ pros - cons)



- 1 IT services for patent information dissemination
- 2 J-PlatPat  
(Japan platform for patent information)**
- 3 Machine translation services
- 4 API services

## 2. J-PlatPat (Japan platform for patent information)

J-PlatPat is IP data search service of JPO (run by INPIT), and one of the largest, internet-based patent information databases in Japan.



- ✓ **130 million domestic and foreign publications**
  - Patent, Utility model, Design, and Trademark
  - Examination records, Trial/Appeal info. (updated 1 day after the reception)
  - Legal status, Global dossier information
- ✓ **Simple and user-friendly interface.**
  - “Simple search” with keywords without the specification of advanced criteria
  - AI-based machine translation
- ✓ **Over 100 million accesses per year**

URL: <https://www.j-platpat.inpit.go.jp/>

## 2. J-PlatPat (Japan platform for patent information)

English User Interface has been provided since May 2019.

🔍 Patent/Utility Model Number Search/OPD

▶ Help

If you select a document, you can retrieve various publications including patents/utility models, foreign documents, and non-patent documents (journals of technical disclosure).

If you select OPD retrieval, you can view application information and examination information (dossier information) at patent offices around the world.

Select an issued country/issued organization and type, and enter a number.

Search target

Document  OPD Retrieval

Input type

Number input Searches are performed only for the numbers entered.  
 DOCDB formatted searches are performed only for the numbers entered. Include a country code for each number. ?

Publication country/issued organization

Japan (JP) ▼

Number type

Patent applicatio... ▼

Number

Ex: 201900012X

🔍 Search

Clear

## 2. J-PlatPat (Japan platform for patent information)

IP documents can be retrieved by using several search items.



Help desk  
(weekdays 9:00-21:00 JST) ☎ [\(+81\)3-3588-2751](mailto:helpdesk@j-platpat.inpit.go.jp)  
✉ [helpdesk@j-platpat.inpit.go.jp](mailto:helpdesk@j-platpat.inpit.go.jp)

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🔍 Patent/Utility Model Search ▶ Help

You can retrieve patent/utility model publications, foreign documents, and non-patent documents by using keywords in bibliographies, abstracts, and claims, as well as classifications (FI/F-terms, IPC), etc.

Enter a document type and a search keyword to search. (An OR search is performed when you separate search keywords with a space.)

For more information about classification information, see [Patent/Utility Model Classification Search \(PMGS\)](#).

Selective Input

Logical Expression Input

Search target text

Japanese text  English text

Document types

Advanced Settings +

Domestic documents (PAJ)  Foreign Documents  J-GLOBAL

Search keywords

Search item

Keyword

Title/name of invention or device

Abstract

FI

F-term

Facet

IPC

Organization of applicant/right holder/author

Identification number of petitioner

Appeal or trial number

Priority claim country/region/number

Ex) 'Semiconductor memory device'

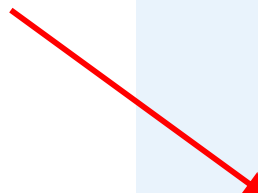
Proximity Search

Ex) Composition

Proximity Search

Ex) C04B35/49

Searchable by text, classification, number, applicant, etc.





# 2. J-PlatPat (Japan platform for patent information)

Search results are shown as the images below.

Examination Records

[National Entry Form](#)

[Submission of Translation of International Application](#)

[Description](#)

[Scope of Claims](#)

[Abstract](#)

[Submission of evidence](#)

[Written amendment](#)

[Request for Examination](#)

[Notice of Reasons for Refusal](#)

[Non-patent document invoice](#)

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[Written amendment](#)

[Written Opinion](#)

[Written supplementation of procedure](#)

[Decision of Refusal](#)

Application Information Close

|  |  |
|--|--|
| Articles on application  | Patents 2002-544073 (Nov.16,2001) Application type(Normal)   |
| Articles on international application  | PCT/GB2001/005041 <a href="#">International publication number(WO2002/041895)</a> International publication date(May 30,2002) Submission date of translated text(Jul.14,2002) finished |
| Articles on publication of application/JP domestic re-publication of PCT publication | <a href="#">Publication number of Japanese translation of PCT international application(JP)</a>  |
| Articles on registration   | <a href="#">5062940</a> (Aug.17,2012) Total number of issues(418) date(Oct.31,2012)  |
| Articles on priority   | Claim date(Nov.22,2000) United Kingdom of Great Britain  |
| Articles on applicants/representatives   | Applicant <a href="#">Sweden</a> (300022641) <a href="#">ASTRAZENECA AB</a><br>Representative Number of target applicants(1) Representative <a href="#">SHAMOTO, Ichio</a>             |

|   |   |   |  |
|---|---|---|--|
| <p>(19) <b>日本国特許庁(JP)</b></p> <p>(51) Int. Cl.<sup>7</sup></p> <p><b>A 6 1 K 31/505</b></p> <p><b>A 6 1 P 3/06</b></p> <p><b>A 6 1 P 3/10</b></p> <p><b>A 6 1 P 9/00</b></p> <p><b>A 6 1 P 9/10</b></p>   | <p>(12) <b>公表特許公報(A)</b></p> <p>(11) 特許出願公表番号 <b>特表2004-522714 (P2004-522714A)</b></p> <p>(43) 公表日 <b>平成16年7月29日(2004.7.29)</b></p> <p style="text-align: right;">テーマコード(参考)<br/>4C086</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; vertical-align: top;"> <p>(21) 出願番号 特願2002-544073 (P2002-544073)</p> <p>(86) (22) 出願日 平成13年11月16日(2001.11.16)</p> <p>(85) 翻訳文提出日 平成15年5月22日(2003.5.22)</p> <p>(86) 国際出願番号 PCT/GB2001/005041</p> <p>(87) 国際公開番号 WO2002/041895</p> <p>(87) 国際公開日 平成14年5月30日(2002.5.30)</p> <p>(31) 優先権主張番号 0028429.9</p> <p>(32) 優先日 平成12年11月22日(2000.11.22)</p> <p>(33) 優先権主張国 英国(GB)</p> </td> <td style="width: 30%; vertical-align: top;"> <p>(71) 出願人 300022641<br/>アストラゼネカ アクチボラグ<br/>スウェーデン国 151 85 セーデル<br/>テルイエ(無番地)</p> <p>(74) 代理人 100089705<br/>弁理士 社本 一夫</p> <p>(74) 代理人 100076691<br/>弁理士 増井 忠武</p> <p>(74) 代理人 100075270<br/>弁理士 小林 泰</p> <p>(74) 代理人 100080137<br/>弁理士 千葉 昭男</p> <p>(74) 代理人 100096013<br/>弁理士 富田 博行</p> <p style="text-align: right;">最終頁に続く</p> </td> </tr> </table> | <p>(21) 出願番号 特願2002-544073 (P2002-544073)</p> <p>(86) (22) 出願日 平成13年11月16日(2001.11.16)</p> <p>(85) 翻訳文提出日 平成15年5月22日(2003.5.22)</p> <p>(86) 国際出願番号 PCT/GB2001/005041</p> <p>(87) 国際公開番号 WO2002/041895</p> <p>(87) 国際公開日 平成14年5月30日(2002.5.30)</p> <p>(31) 優先権主張番号 0028429.9</p> <p>(32) 優先日 平成12年11月22日(2000.11.22)</p> <p>(33) 優先権主張国 英国(GB)</p> | <p>(71) 出願人 300022641<br/>アストラゼネカ アクチボラグ<br/>スウェーデン国 151 85 セーデル<br/>テルイエ(無番地)</p> <p>(74) 代理人 100089705<br/>弁理士 社本 一夫</p> <p>(74) 代理人 100076691<br/>弁理士 増井 忠武</p> <p>(74) 代理人 100075270<br/>弁理士 小林 泰</p> <p>(74) 代理人 100080137<br/>弁理士 千葉 昭男</p> <p>(74) 代理人 100096013<br/>弁理士 富田 博行</p> <p style="text-align: right;">最終頁に続く</p> |
| <p>(21) 出願番号 特願2002-544073 (P2002-544073)</p> <p>(86) (22) 出願日 平成13年11月16日(2001.11.16)</p> <p>(85) 翻訳文提出日 平成15年5月22日(2003.5.22)</p> <p>(86) 国際出願番号 PCT/GB2001/005041</p> <p>(87) 国際公開番号 WO2002/041895</p> <p>(87) 国際公開日 平成14年5月30日(2002.5.30)</p> <p>(31) 優先権主張番号 0028429.9</p> <p>(32) 優先日 平成12年11月22日(2000.11.22)</p> <p>(33) 優先権主張国 英国(GB)</p> | <p>(71) 出願人 300022641<br/>アストラゼネカ アクチボラグ<br/>スウェーデン国 151 85 セーデル<br/>テルイエ(無番地)</p> <p>(74) 代理人 100089705<br/>弁理士 社本 一夫</p> <p>(74) 代理人 100076691<br/>弁理士 増井 忠武</p> <p>(74) 代理人 100075270<br/>弁理士 小林 泰</p> <p>(74) 代理人 100080137<br/>弁理士 千葉 昭男</p> <p>(74) 代理人 100096013<br/>弁理士 富田 博行</p> <p style="text-align: right;">最終頁に続く</p>  |   |  |

(54) 【発明の名称】 ヘテロ型家族性高コレステロール血症の治療におけるロスバスタチン (ZD-4522) の使用

(57) 【要約】  
本発明は、化合物(E)-7-[4-(4-フルオロフェニル)-6-イソプロピル-2-[メチル(メチルスルホニル)アミノ]ピリミジン-5-イル](3R,5S)-3,5-ジヒドロキシヘプト-6-エン酸、または医薬的に受容可能なその塩を投与することによる、ヘテロ型家族性高コレステロール血症の治療法を提供する。



## 2. J-PlatPat (Japan platform for patent information)

J-PlatPat is linked to One Portal Dossier for users to obtain dossier information of foreign offices as well as that of JPO.

| Country/region code | Application number ▲ | Filing date ▲ | Publication number               | Registration number           | Options  |
|---------------------|----------------------|---------------|----------------------------------|-------------------------------|--|
| JP                  | JP.2002544073.A      | Nov.16,2001   | <a href="#">JP.2004522714.A</a>  | <a href="#">JP.5062940.B2</a> | <a href="#">Details</a><br><a href="#">Classification/Citation Information</a><br><a href="#">Expand Document List</a> |
| JP                  | JP.2009255813.A      | Nov.09,2009   | <a href="#">JP.2010031047.A</a>  | -                             | <a href="#">Details</a><br><a href="#">Classification/Citation Information</a><br><a href="#">Expand Document List</a> |
| EP                  | EP.01982623.A        | Nov.16,2001   | <a href="#">EP.1339409.A1</a>    | <a href="#">EP.1339409.B1</a> | <a href="#">Classification/Citation Information</a><br><a href="#">Expand Document List</a>                            |
| US                  | US.43240203.A        | Nov.06,2003   | <a href="#">US.2004072852.A1</a> | <a href="#">US.6858618.B2</a> | <a href="#">Classification/Citation Information</a><br><a href="#">Collapse Document List</a>                          |

| PDF download             | Submission date ▲ | Document name                                    | Document group | Document output               |
|--------------------------|-------------------|--|----------------|-------------------------------|
| <input type="checkbox"/> | May 21,2003       | Transmittal of New Application                   | Incoming       | <a href="#">Original Text</a> |
| <input type="checkbox"/> | May 21,2003       | Specification                                    | Application    | <a href="#">Original Text</a> |
| <input type="checkbox"/> | May 21,2003       | Claims   | Application    | <a href="#">Original Text</a> |
| <input type="checkbox"/> | May 21,2003       | Abstract   | Application    | <a href="#">Original Text</a> |
| <input type="checkbox"/> | May 21,2003       | Drawings-only black and white line drawings      | Application    | <a href="#">Original Text</a> |
| <input type="checkbox"/> | May 21,2003       | Preliminary Amendment                            | Incoming       | <a href="#">Original Text</a> |
| <input type="checkbox"/> | May 21,2003       | Claims   | Application    | <a href="#">Original Text</a> |
| <input type="checkbox"/> | May 21,2003       | Applicant Arguments/Remarks Made in an Amendment | Incoming       | <a href="#">Original Text</a> |

Commissioner for Patents  
 U.S. Patent and Trademark Office  
 2011 South Clark Place  
 Customer Window, **Mail Stop** \_\_\_\_\_  
 Crystal Plaza Two, Lobby, Room 1B03  
 Arlington, VA 22202

Date: May 21, 2003

Sir:

**PRELIMINARY AMENDMENT**

Prior to taking up this application for a first Action on the merits, please preliminarily amend the claims as follows:

## 2. J-PlatPat - Updates planned

Three major updates will be performed in J-PlatPat.

| Functions                            | Release timing  |
|--------------------------------------|-----------------|
| Patent Legal Status Data             | During 2023FY※1 |
| CSV Output of Search Result List     | End of 2022FY※1 |
| Number Search for Unpublished JPWO※2 |                 |



※1 Fiscal year in Japan starts from April and ends in March.


※2 JPWO (Saikohyo-tokkyo) is a publication related to a national phase of PCT application in Japanese. JPO quit publishing JPWOs since 2022, renovating the official publication system.

## 2. J-PlatPat - Updates planned (Legal status data)

The Status of Trademark is available on J-PlatPat, but the Status of Patent is not at present.

Search Result List Help

| No. | Application number/ Registration number/ International registration number | Specimen of trademark   | Trademark (for search)         | Pronunciation criteria | Pronunciation (reference information)  | Class                 | Applicant/ Right holder/ Holder | Filing date/ Date of the international registration (date of subsequent designation) | Registration date | Status  | Options   |
|-----|--|---|--------------------------------|------------------------|--|-----------------------|---------------------------------|--|-------------------|---|---|
| 1   | <a href="#">Reg.No.6036291</a><br>(Appl.No.2018-009480)                    |  | Local Speciality<br>地域団体商標、特許庁 | -                      | ローカルスペシャルティーチキダンタイショーヒョートッキョチヨ、ローカルスペシャルティー、チキダンタイショーヒョートッキョチヨ、チキダンタイショーヒョ、チキダンタイ、トッキョチヨ | 09<br>16<br>41<br>... | 特許庁長官                           | Jan.24,2018  | Apr.20,2018       | <br>LIVE-REGISTRATION-Isued and Active | <a href="#">Details</a><br><a href="#">Publication Display</a><br><a href="#">URL</a> |


Reg.No.6036291  LIVE-REGISTRATION-Isued and Active 7

Publication Display Details URL Mistranslation


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 2.\*\*\*\* shows the word which can not be translated.  
 3.In the drawings, any words are not translated.

|  |                     |
|--|---------------------|
| (111) Registration number                      | : 6036291           |
| (151) Registration date                        | : Apr.20,2018       |
| (450) Publication date of registration gazette | : May 22,2018       |
| (441) Date of publication of application       | : Feb.06,2018       |
| (210) Application number                       | : Appl.No.2018-9480 |
| (220) Filing date                              | : Jan.24,2018       |
| Date of rise of prior application right        | : Jan.24,2018       |
| (180) Expiration date of term of right         | : Apr.20,2028       |

Trademark (for search) : Local Speciality  
地域団体商標、特許庁



Inquiry of history information Help

TrademarkApplication 2018-009480  LIVE-REGISTRATION-Isued and Active

[Register6036291](#) Right has not been cancelled

Mistranslation

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History Records Application Information Registration Information

Display format  Display by Category  Display by Date

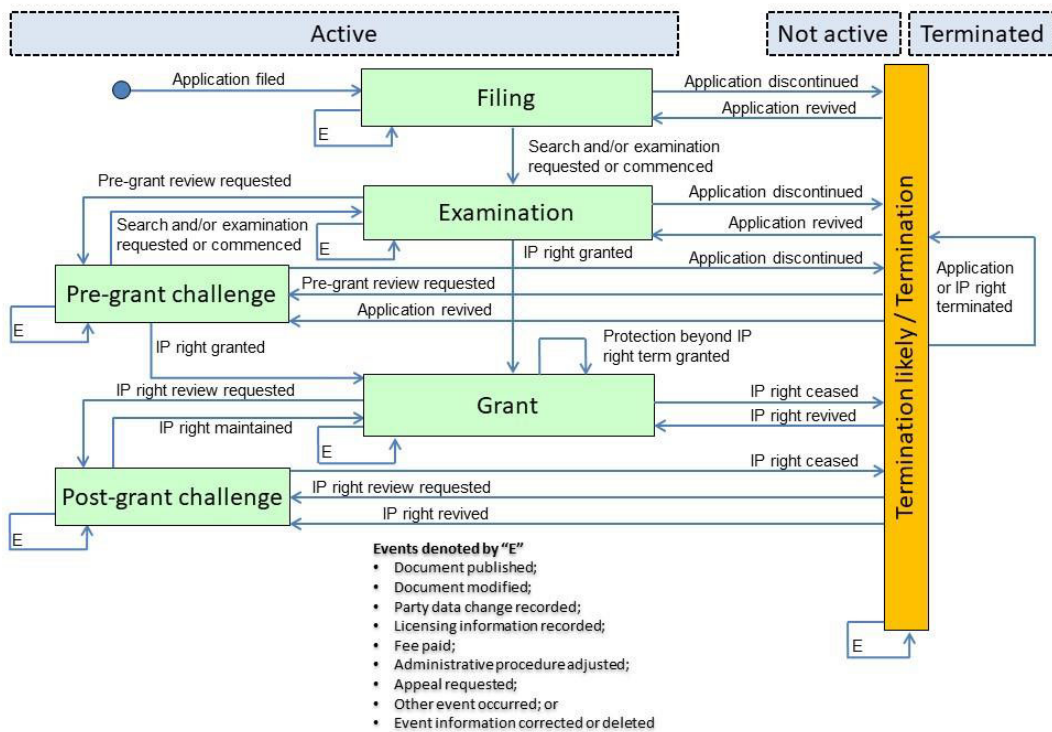
Examination Records Close

Request for a Trademark Registration Jan.24,2018

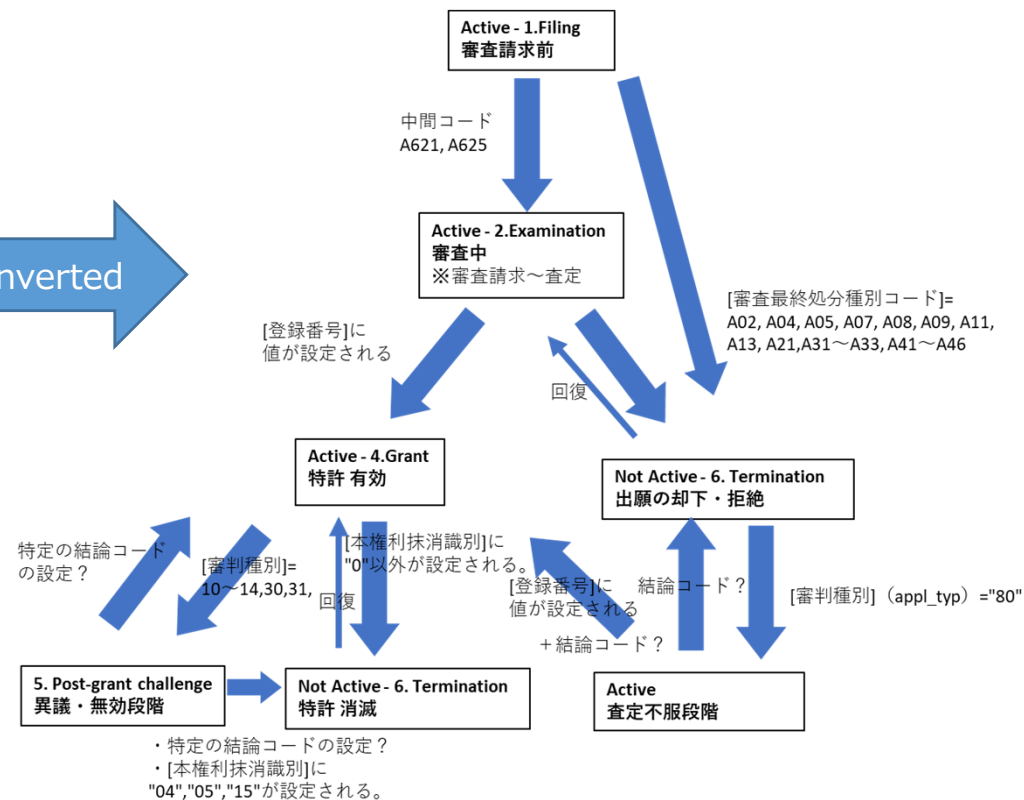
# 2. J-PlatPat - Updates planned (Legal status data)

The JPO created the Prosecution Model based on ST.27 in accordance with the Japanese patent prosecution system.

The Model of WIPO Standard ST.27



The Model of Japan



## 2. J-PlatPat - Updates planned (Legal status data)

JPO plans to provide the Patent Legal Status Data on J-PlatPat. (image 1)

### Now

Search Result List

| No.                           | Document number ▲            | Application number ▲ | Filing date ▲ | Publication date ▼ | Title of the invention ▲ | Applicant/Right holder | FI  | Options  |
|-------------------------------|------------------------------|----------------------|---------------|--------------------|--------------------------|------------------------|---|--|
| 1<br><input type="checkbox"/> | <a href="#">JP,6691280,B</a> | JP,2020-008423       | Jan.22,2020   | Apr.28,2020        | 管理システム及び管理方法             | 特許庁長官                  | <a href="#">G06F16/31</a><br><a href="#">G06Q50/18,310</a><br><a href="#">G06F16/00</a> | <input type="button" value="Details"/><br><input type="button" value="OPD"/><br><input type="button" value="URL"/> |

### Planned Update

Search Result List

| No.                           | Document number ▲            | Application number ▲ | Filing date ▲ | Publication date ▼ | Title of the invention ▲ | Applicant/Right holder | Status ▲   | FI  | Options  |
|-------------------------------|------------------------------|----------------------|---------------|--------------------|--------------------------|------------------------|--|---|--|
| 1<br><input type="checkbox"/> | <a href="#">JP,6691280,B</a> | JP,2020-008423       | Jan.22,2020   | Apr.28,2020        | 管理システム及び管理方法             | 特許庁長官                  | <b>4.Grant</b><br>F11:IP right granted following substantive examination | <a href="#">G06F16/31</a><br><a href="#">G06Q50/18,310</a><br><a href="#">G06F16/00</a> | <input type="button" value="Details"/><br><input type="button" value="OPD"/><br><input type="button" value="URL"/> |

Stage + Event of WIPO ST.27

## 2. J-PlatPat - Updates planned (Legal status data)

JPO plans to provide the Patent Legal Status Data on J-PlatPat. (image 2)

Document Display ▶ Help

< Previous document 1 of 1 Display Next document >

JP,6691280,B **4.Grant F11: IP right granted following substantive examination**

[Publication of Patent Application](#) [Entire PDF Document](#) [Details](#) [OPD](#) [Search key](#) [URL](#) [Mistranslation](#)

Display format of document display page :  Text  PDF

Primary document

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2. \*\*\*\* shows a word which cannot be translated.
3. In the drawings, any words are not translated.

Highlighted search keywords:

特許庁長官

Bibliography Close Drawings Close

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | ...



## 2. J-PlatPat - Updates planned (Legal status data)

JPO plans to provide the Patent Legal Status Data on J-PlatPat. (image 3)

The screenshot shows the J-PlatPat interface. At the top left is the logo for J-PlatPat (Japan Platform for Patent Information). The top right has a language selector set to 'Japanese' and a 'Close' button. Below the header is a search bar with the text 'Inquiry of history information' and a 'Help' button. The main content area displays 'PatentsApplication 2020-008423' and a link to 'Publication2021-022359'. Below this, there are links for 'Register6691280' (Right has not been cancelled) and 'Trials & Appeals All parts opposition 2020700850'. A red box highlights the text '4. Grant F11: IP right granted following substantive examination'. There is also a 'Mistranslation' button. Below this is a section titled '\* NOTICES \*' with a disclaimer: 'JPO and INPIT are not responsible for any damages caused by the use of this translation.' followed by two numbered points. At the bottom, there are four tabs: 'History Records', 'Application Information', 'Registration Information', and 'Trial/Appeal Information'. Below the tabs is a 'Display format' section with radio buttons for 'Display by Category' (selected) and 'Display by Date'. At the very bottom, there is a 'Examination Records' section with a 'Close' button and a table of records.

| Examination Record                      | Date        |
|---|-------------|
| <a href="#">Request for a Patent</a>    | Jan.22,2020 |
| <a href="#">Description</a>             |             |
| <a href="#">Scope of Claims</a>         |             |
| <a href="#">Abstract</a>                |             |
| <a href="#">Drawings</a>                |             |
| <a href="#">Request for Examination</a> | Jan.22,2020 |

## 2. J-PlatPat - Updates planned (Legal status data)

JPO plans to add two search options on J-PlatPat.

### Planned Update

#### Now

The current search options interface includes the following fields and controls:

- Main theme** and **Sub theme**: Text input fields with a comma separator. Example: Main theme: 4K018, Sub theme: 2C999,4H004,4H104.
- Date options**: A dropdown menu for "Publication date/issued date" and a range selector with "Ex: 20190101" and "Ex: 20190101".
- Registered item search**: A checkbox labeled "Filter items by registration date".
- Buttons**: "Search" and "Clear" buttons.

The planned search options interface includes the following fields and controls:

- Main theme** and **Sub theme**: Text input fields with a comma separator. Example: Main theme: 4K018, Sub theme: 2C999,4H004,4H104.
- Date options**: A dropdown menu for "Publication date/issued date" and a range selector with "Ex: 20190101" and "Ex: 20190101".
- Registered item search**: A checkbox labeled "Filter items by registration date".
- Active Search**: A new section with a checkbox labeled "Filter items by Active State".
- Status Search**: A new dropdown menu with a list of status options: "Filing", "Examination", "Termination", "Grant", "Post-grant challenge", and "Active".
- Buttons**: "Search" and "Clear" buttons.



## 2. J-PlatPat - Updates planned (CSV output)

Search Result Lists can be downloaded as CSV files, if the number of the result is 500 or smaller.

Search Result List ▶ Help

Patents/Utility Models (334) Designs (-) Trademark (-)

500 or fewer

Search list options Close

By publication years : All | [2022\(10\)](#) | [2021\(3\)](#) | [2020\(10\)](#) | [2019\(9\)](#) | [2018\(5\)](#) | [2017\(2\)](#) | [2016\(3\)](#) | [2015\(6\)](#) | [2014\(1\)](#) | [Other\(285\)](#)

By FI : All | [G06\(136\)](#) | [H01\(23\)](#) | [H04\(18\)](#) | [A47\(12\)](#) | [G01\(12\)](#) | [H02\(12\)](#) | [F02\(11\)](#) | [B23\(10\)](#) | [F16\(10\)](#) | [B65\(9\)](#)

Display option of list page ? :  Prioritized and earliest published applications  Prioritized publication/registration

Display format of document display page :  Text  PDF

[Classification Code Ranking](#) [Print List](#) [CSV Output](#)

Click to download

※Only registered users can use CSV Output function.

## 2. J-PlatPat - Updates planned (CSV output)

JPO plans to provide new function to download the lists of search results up to 3000 documents as CSV files.

### CSV Output Function (Currently provided)

| Document no.  | Application no. | Filing date | Publication date | Title | Applicant/Right holder | FI | Abstract | Publication no. | Publication no. of examined application | Registration no. | Appeal or trial no. | Other | Document URL |
|---|-----------------|-------------|------------------|-------|------------------------|----|----------|-----------------|---|------------------|---------------------|-------|--------------|
| ↓ Lists of search results up to 500 documents can be downloaded as CSV files. |                 |             |                  |       |                        |    |          |                 |   |                  |                     |       |              |

### CSV Output Function (Planned to be newly provided)

| Document no.   | Application no. | Filing date | Publication date | Title | Applicant/Right holder | FI | Abstract | Publication no. | Publication no. of examined application | Registration no. | Appeal or trial no. | Other | Document URL |
|--|-----------------|-------------|------------------|-------|------------------------|----|----------|-----------------|---|------------------|---------------------|-------|--------------|
| ↓ Lists of search results up to 3000 documents can be downloaded as CSV files, but the abstract will be omitted. |                 |             |                  |       |                        |    |          |                 |   |                  |                     |       |              |

## 2. J-PlatPat - Updates planned (JPWO No. Search)

JPO plans to provide Number Search for a national phase of PCT application in Japanese after quitting publications of JPWOs.

The screenshot displays the 'Patent/Utility Model Number Search/OPD' interface. The 'Search target' section has 'Document' selected. Under 'Input type', 'Number' is selected. The search criteria include 'Publication country/region/office' set to 'Japan (JP)', 'Number type' set to 'Patent application nu...', and a 'Number' field containing '2021519018'. The 'Search Result List' section shows three categories: 'Domestic Documents (0)', 'Foreign Documents (-)', and 'Non-patent document (-)'. A message at the bottom states 'The search returned 0 results. Change the conditions of the search and try again.'

Number of a national phase of PCT application in Japanese

## 2. J-PlatPat - Updates planned (JPWO No. Search)

Until the update, OPD Retrieval function is available when you would like to check a national phase of PCT application in Japanese.

🔍 Patent/Utility Model Number Search/OPD ▶ Help

If you select a document, you can retrieve various publications including patents/utility models, foreign documents, and non-patent documents (journals of technical disclosure).  
If you select OPD retrieval, you can view application information and examination information (dossier information) at patent offices around the world.  
Select an issued country/region/issued organization and type, and enter a number.

Search target  
 Document  OPD Retrieval

Input type  
 Number Searches are performed only for the numbers entered.  
 DOCDB Searches are performed only for the numbers entered. Include a country/region code for each number.

Publication country/region/office: Japan (JP)

Number type: Patent application nu...

Number: 2021519018

🔍 One Portal Dossier (OPD) Search ▶ Help

You can view application and examination information (dossier information) at patent offices around the world by document number.

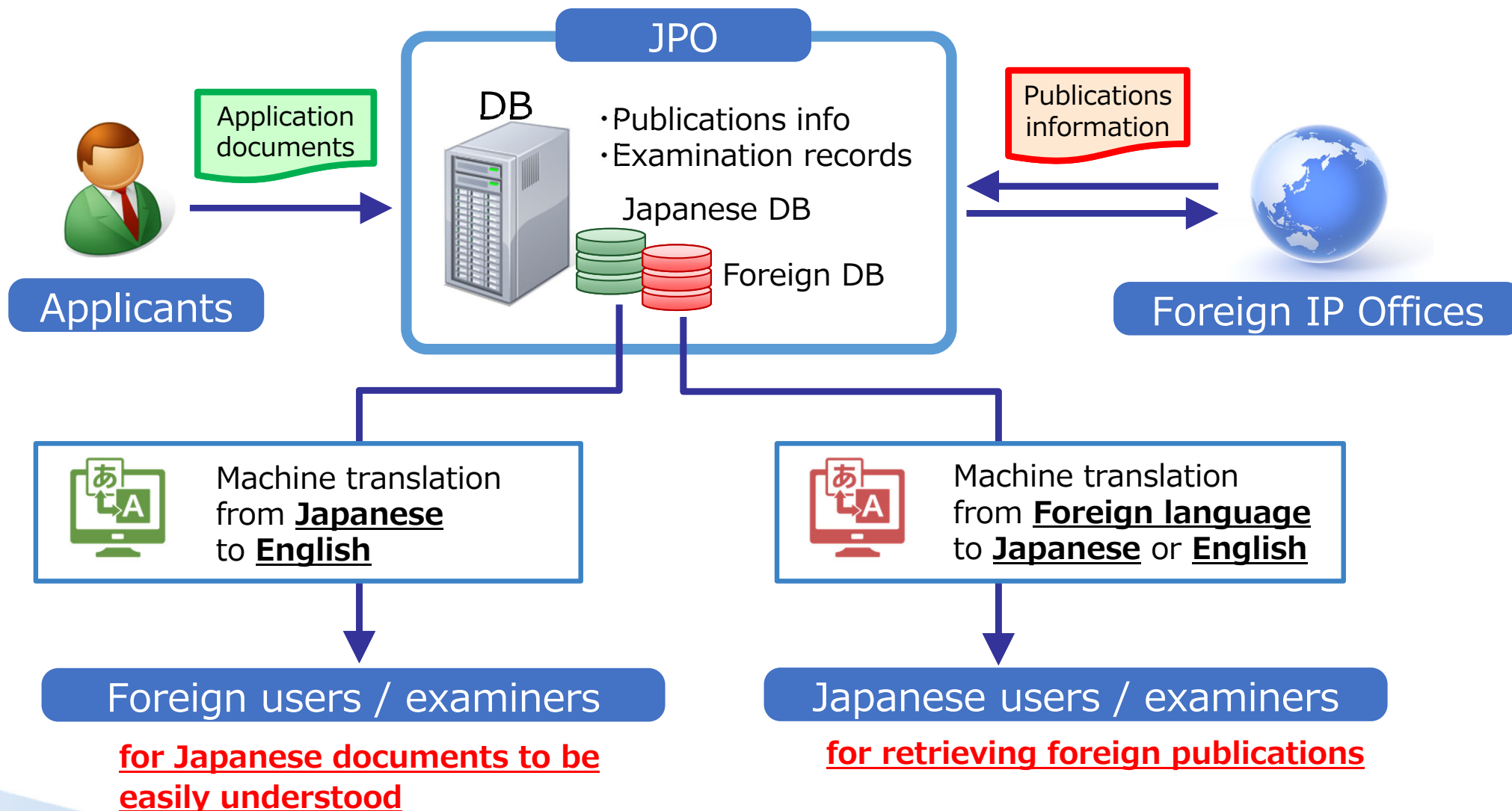
Search criteria: Application number JP.2021519018.A, Number of family documents: 5, Document group: ALL

| Country/region code | Application number ▲ | Filing date ▲ | Publication number                 | Registration number | Options   |
|---------------------|----------------------|---------------|------------------------------------|---------------------|---|
| JP                  | JP.2021519018.A      | Apr.27,2020   | <a href="#">JP.WO2020229911.A1</a> | -                   | <input type="button" value="Details"/><br><input type="button" value="Classification/Citation Information"/><br><input type="button" value="Expand Document List"/> |
| US                  | US.202017603067.A    | Apr.27,2020   | <a href="#">US.2022181428.A1</a>   | -                   | <input type="button" value="Classification/Citation Information"/><br><input type="button" value="Expand Document List"/>   |
| KR                  | KR.20217037349.A     | Apr.27,2020   | <a href="#">KR.20220006541.A</a>   | -                   | <input type="button" value="Classification/Citation Information"/><br><input type="button" value="Expand Document List"/>   |
| CN                  | CN.202080029698.A    | Apr.27,2020   | <a href="#">CN.113711295.A</a>     | -                   | <input type="button" value="Classification/Citation Information"/><br><input type="button" value="Expand Document List"/>   |
| WO                  | IB.2020053908.W      | Apr.27,2020   | <a href="#">WO.2020229911.A1</a>   | -                   | <input type="button" value="Classification/Citation Information"/><br><input type="button" value="Expand Document List"/>   |

- 1 IT services for patent information dissemination
- 2 J-PlatPat  
(Japan platform for patent information)
- 3 **Machine translation services**
- 4 API services

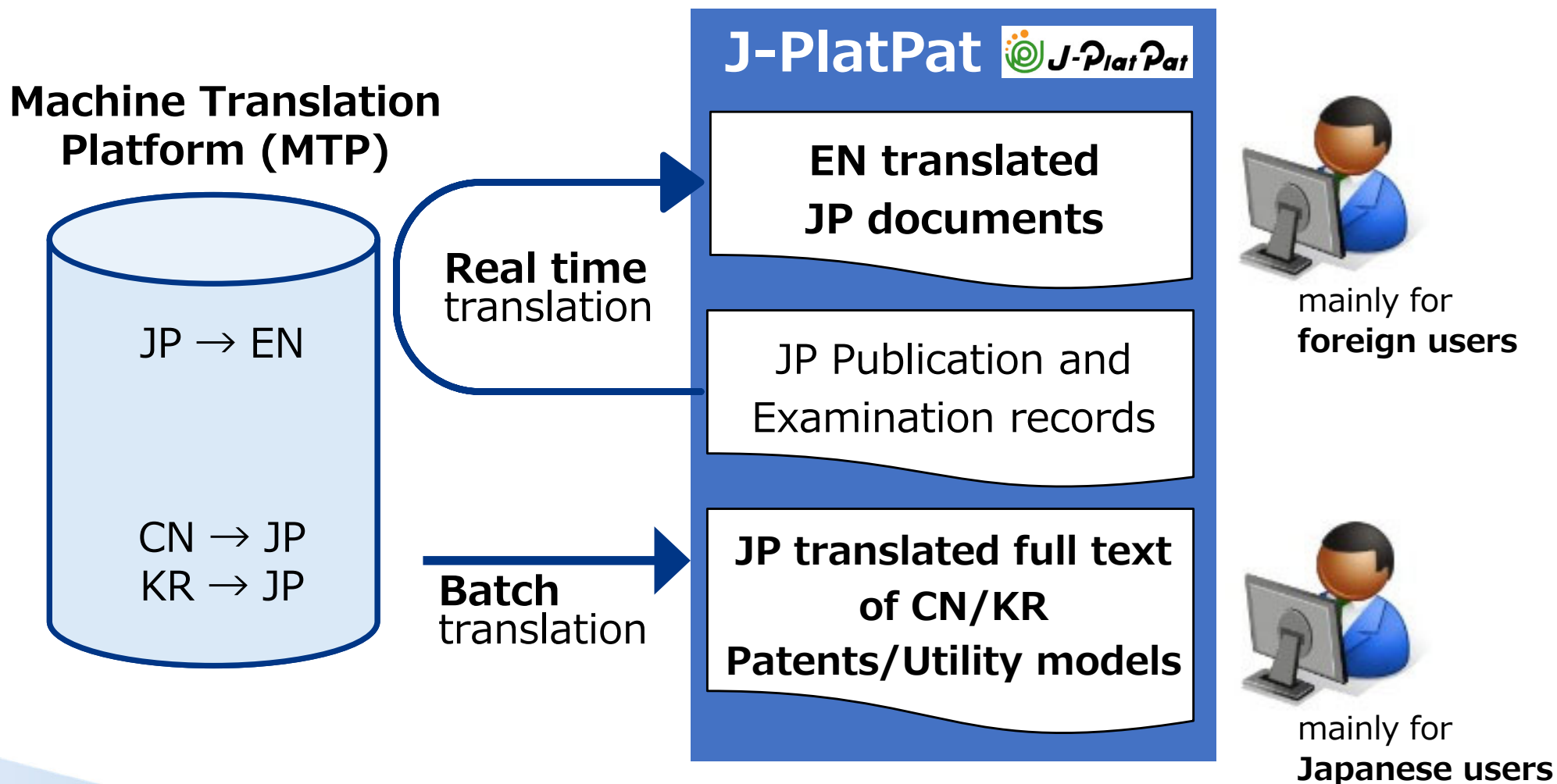
### 3. Machine translation services

The JPO is utilizing machine translation for foreign and Japanese users.



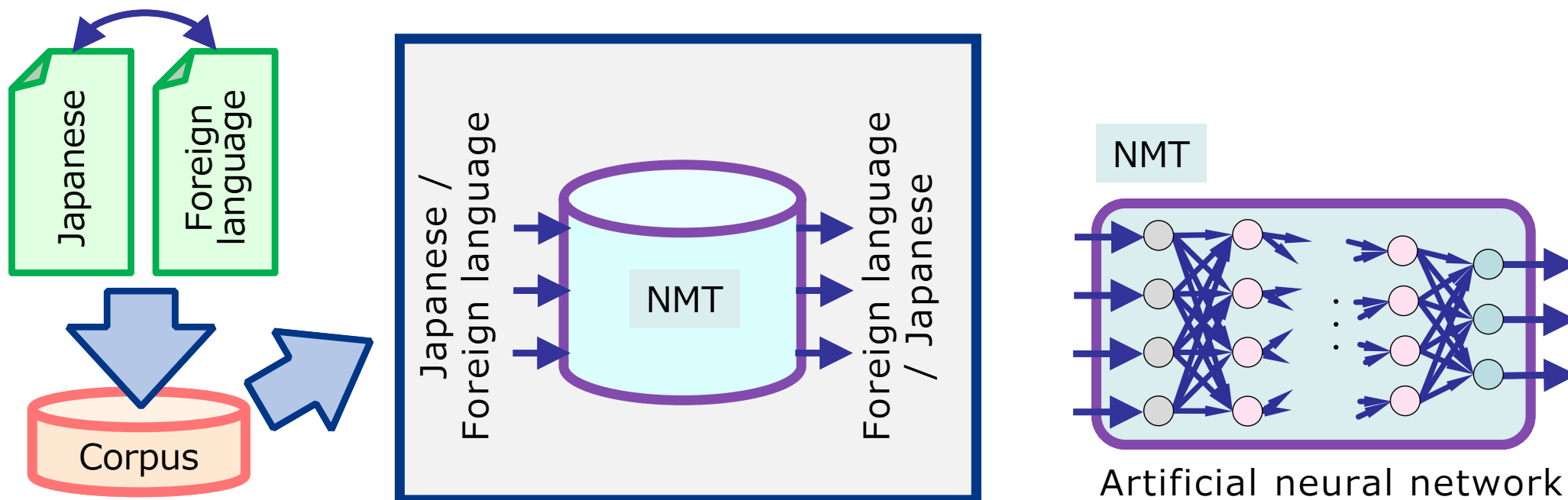
### 3. Machine translation services

The JPO has developed Machine Translation Platform (MTP) which translates in real-time mode and in batch mode.



### 3. Machine translation services

One of machine translation engines equipped with MTP is a trained Neural Machine Translation (NMT) engine.



Training using corpus with deep learning and representation learning

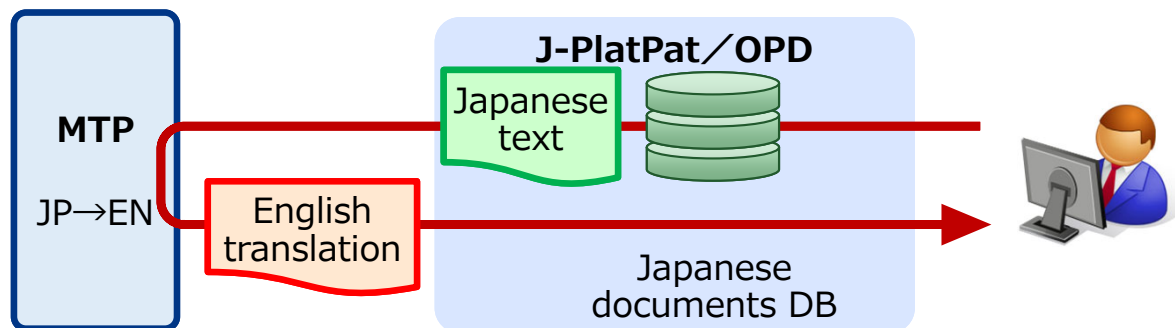


# 3. Machine translation services

There are pros and cons in real-time translation and batch translation.

(+ pros - cons)

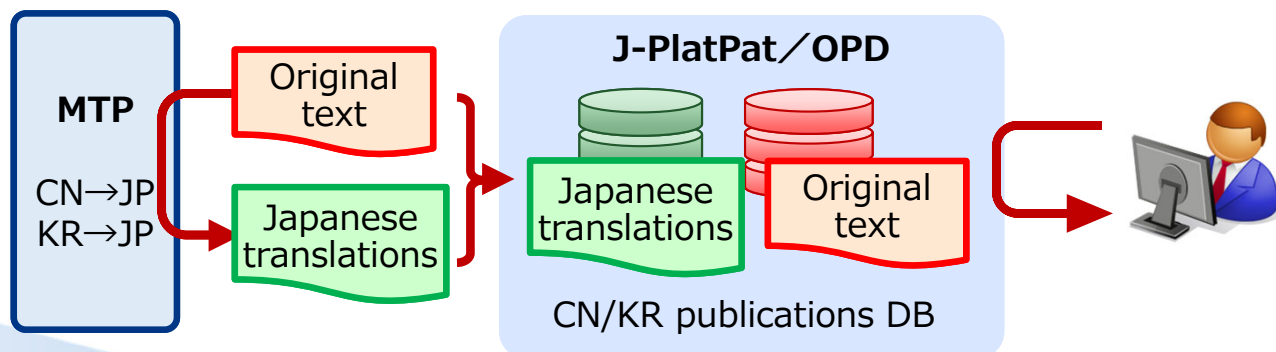
## Real-time translation (no accumulation / translating each time)



- + no need for time to translate and accumulate
- + be able to use the latest translation engine
- not be able to do keyword search for translated documents



## Batch translation (with accumulation)

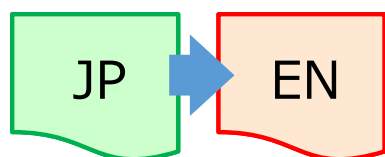


- need time to translate and accumulate
- not be able to use the latest translation engine
- + be able to do keyword search for translated documents

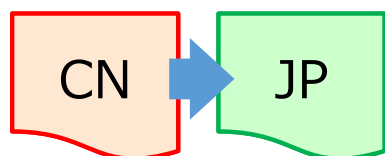
### 3. Machine translation services

The MTP uses different translation engines depending on target documents or bibliographies.

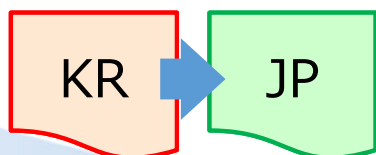
NMT: Neural Machine Translation  
 SMT: Statistical Machine Translation  
 RBMT: Rule-Based Machine Translation



| Translation target                                    | Main translation engine |
|---|-------------------------|
| Patent publications (description, etc.)               | NMT                     |
| Patent publications (title of the invention)          | SMT                     |
| Examination documents, etc.                           | NMT                     |
| Bibliographic information/<br>Non-patent publications | RBMT                    |



| Translation target                           | Main translation engine |
|--|-------------------------|
| Patent publications (description, etc.)      | NMT                     |
| Patent publications (title of the invention) | SMT                     |

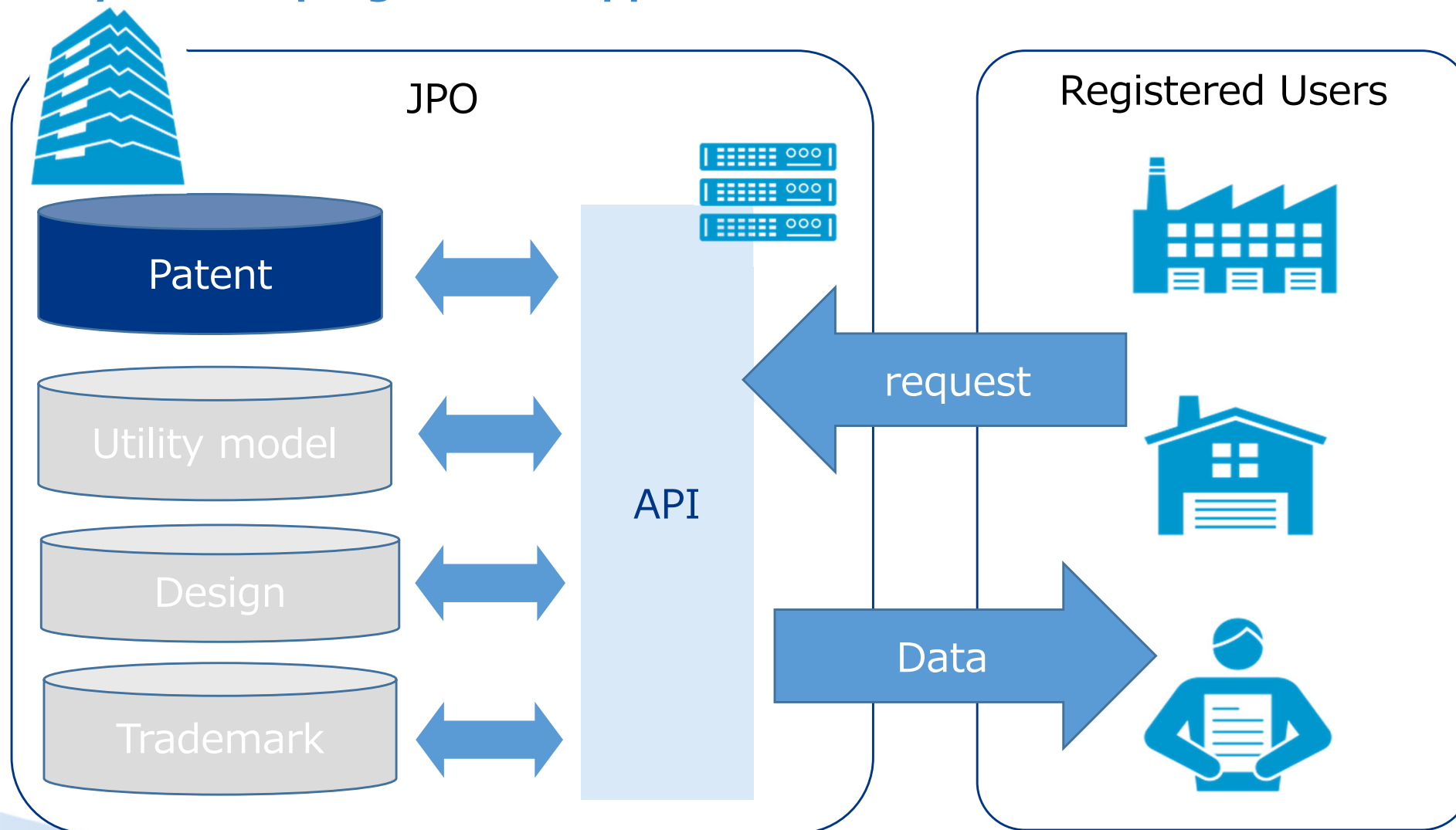


| Translation target  | Main translation engine |
|---------------------|-------------------------|
| Patent publications | SMT                     |

- 1 IT services for patent information dissemination
- 2 J-PlatPat  
(Japan platform for patent information)
- 3 Machine translation services
- 4 **API services**

## 4. Patent Information Retrieval APIs

APIs provided by the JPO enable users to retrieve patent information directly in their programs or Apps.



## 4. Patent Information Retrieval APIs

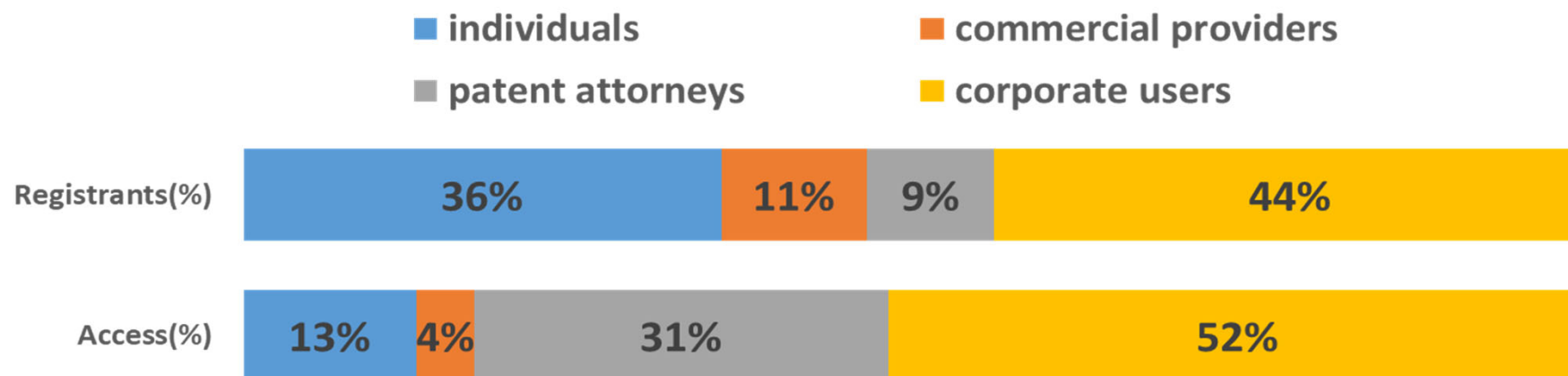
There are several types of information provided by the APIs.

|    | Types of APIs                 | Formats of files    | Limits of access per day |
|----|-------------------------------|---------------------|--------------------------|
| 1  | Application History           | JSON                | 400                      |
| 2  | Application History(simple)   | JSON                | 400                      |
| 3  | Divisional information        | JSON                | 30                       |
| 4  | Priority information          | JSON                | 30                       |
| 5  | Applicant name                | JSON                | 200                      |
| 6  | Applicant code                | JSON                | 200                      |
| 7  | Patent number reference       | JSON                | 50                       |
| 8  | Applied document              | XML (in a ZIP file) | 100 or 500※              |
| 9  | Office action document        | XML (in a ZIP file) | 100 or 500※              |
| 10 | Notice of Reasons for Refusal | XML (in a ZIP file) | 100 or 500※              |
| 11 | Cited document                | JSON                | 50                       |
| 12 | Registration information      | JSON                | 200                      |

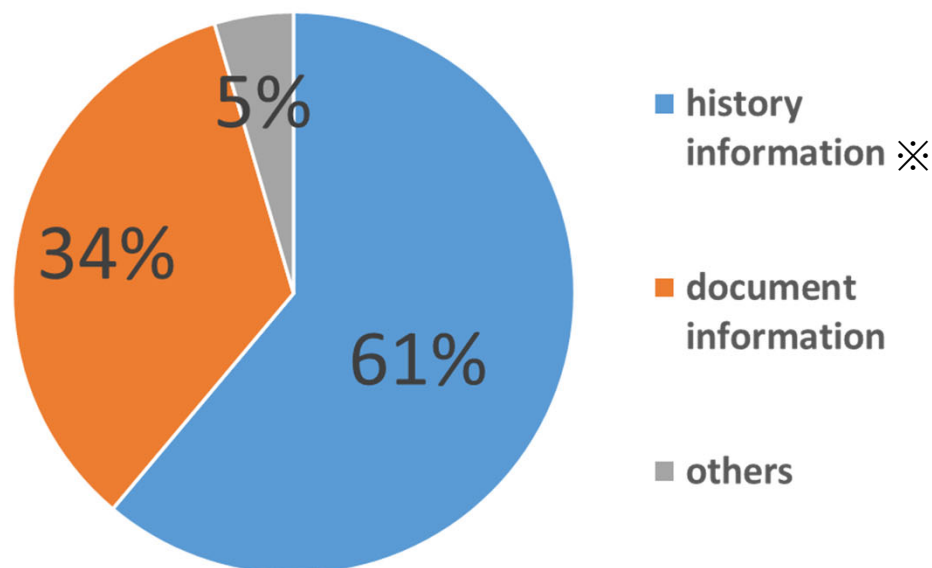
※ 500 access per day for commercial providers if they are JPO's Bulk Data download service users and provide the data via their services.

## 4. Patent Information Retrieval APIs

Corporate users are the main users for the APIs, and history information is the main target to be retrieved.



As of 31<sup>st</sup> August 2022



## 4. Patent Information Retrieval APIs

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Purposes to use the APIs are different to the types of users.

- **Individuals**

- for obtaining data in research (text mining, translation, etc.)
- for evaluating procedures of examination

- **Patent attorneys**

- for updating in-house DB automatically
- for making formats of response documents automatically

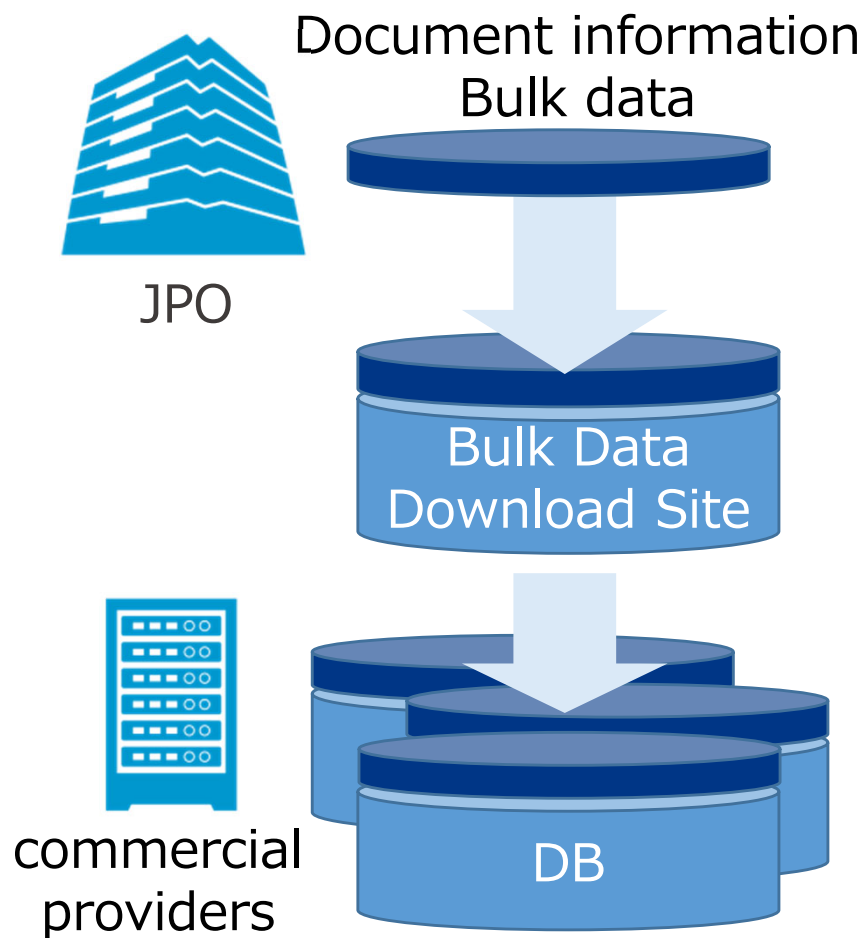
- **Corporate users**

- for updating in-house DB automatically
- for monitoring competitors' applications
- for analyzing reasons for refusal

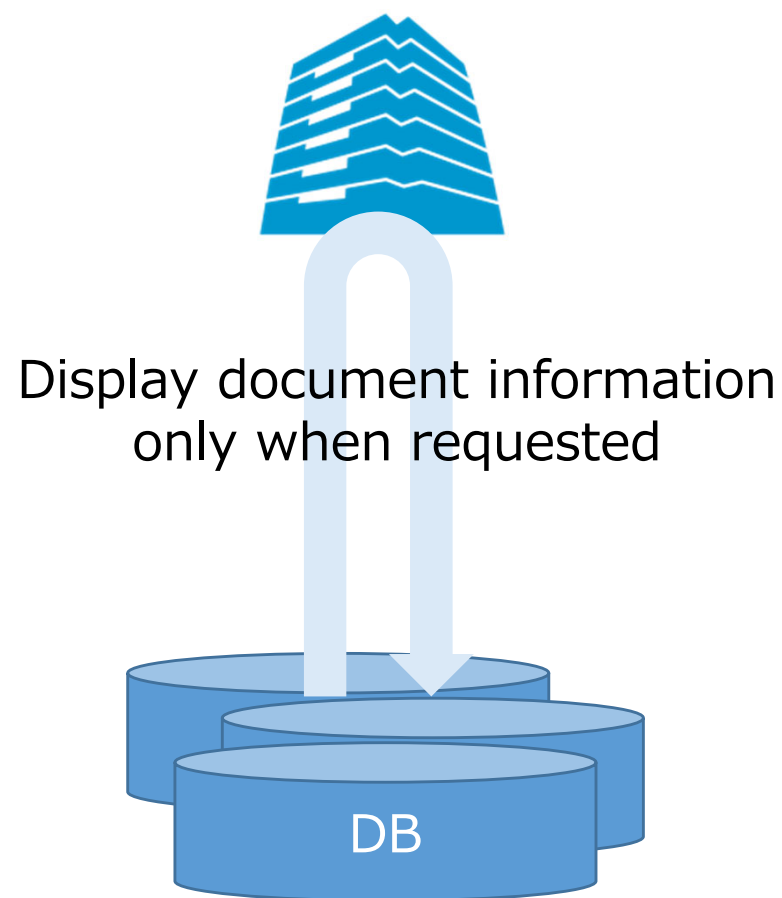
## 4. Patent Information Retrieval APIs

These APIs can contribute to lower cost of handling patent information.

### Bulk data download service



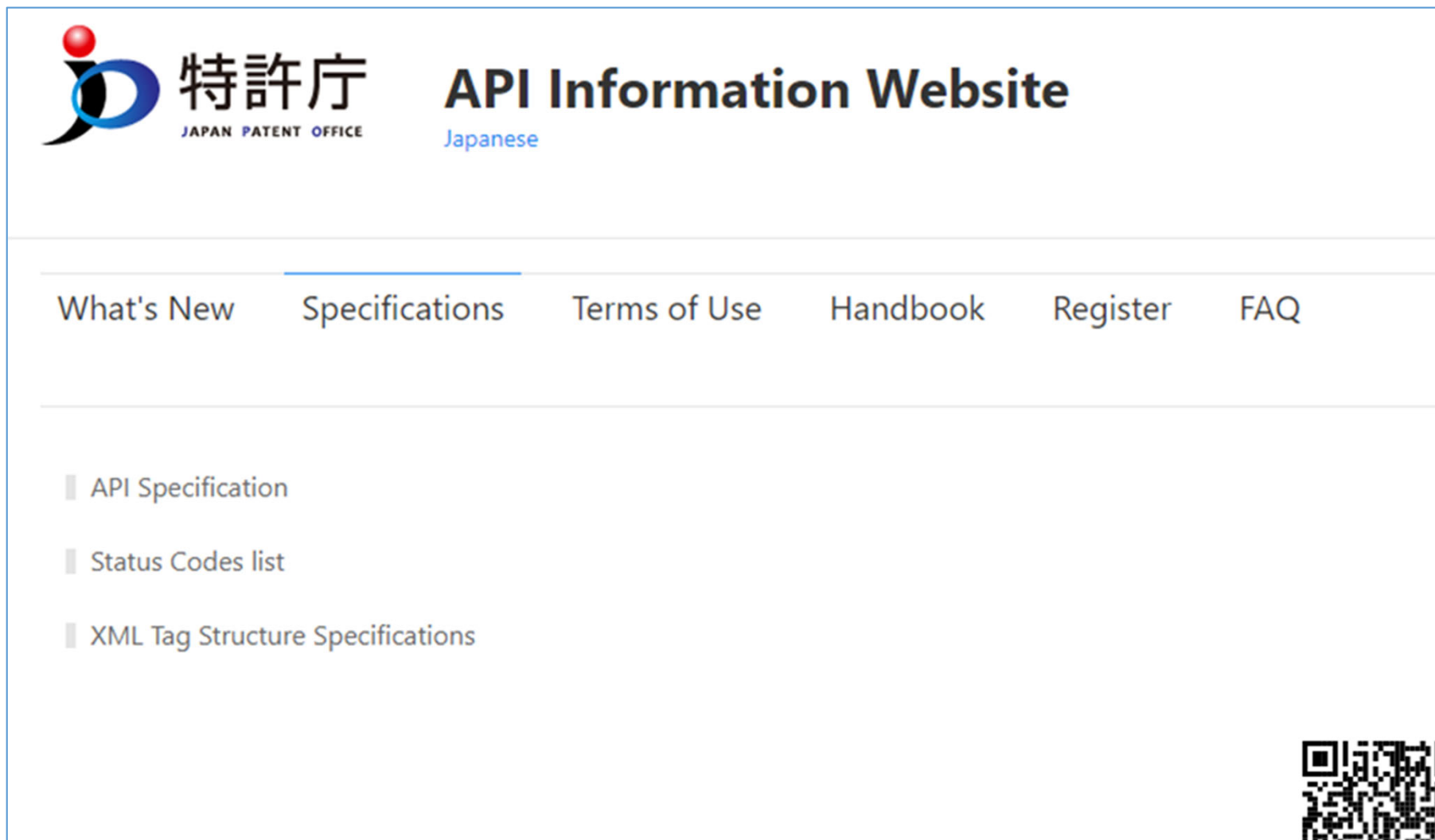
### API service





## 4. Patent Information Retrieval APIs

Detailed information about the APIs can be obtained on the website below.



The screenshot shows the homepage of the Japan Patent Office's API Information Website. At the top left is the logo of the Japan Patent Office, featuring a stylized figure with a red dot above its head, next to the Japanese characters '特許庁' and 'JAPAN PATENT OFFICE'. To the right of the logo is the text 'API Information Website' in a large, bold, black font, with 'Japanese' written below it in a smaller, blue font. Below the header is a horizontal navigation menu with six items: 'What's New', 'Specifications', 'Terms of Use', 'Handbook', 'Register', and 'FAQ'. The 'Specifications' item is currently selected, indicated by a blue underline. Below the navigation menu is a list of three items, each preceded by a small grey square icon: 'API Specification', 'Status Codes list', and 'XML Tag Structure Specifications'. In the bottom right corner of the screenshot, there is a QR code.

[https://ip-data.jpo.go.jp/pages/top\\_e.html](https://ip-data.jpo.go.jp/pages/top_e.html)

**Thank you!**

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