Background

- USPTO launched the Open Data Portal (ODP) in 2015 to raise awareness of the importance of USPTO data and making it more readily accessible for customers.

- With the rapid increase of patent and trademark data and customer demand, USPTO needed to reimagine and modernize how it does public data dissemination to **improve customer experience while reducing cost**.
Generative Research

- Stakeholder/User Interviews
- Research Artifacts
- Vision Workshop
Stakeholder/User Interviews
Research Artifact
Research Artifact

**Seekers**
- LOW COMPLEXITY
  - "I look for guidance."
- NARROW SCOPE
  - "I want to know more about a dataset."

**Collectors**
- HIGH COMPLEXITY
  - "I leverage my expertise."
- BROAD SCOPE
  - "I think about data at scale."

**Builders**
- "I want to make something with data."

**Explorers**
- "I want to understand data that’s out there."
- "I want to leverage data as an asset."

"I want to know more about a dataset."
Vision Workshop
A unified platform where customers can search any patent or trademark and select the exact data they want for single/bulk downloads.
Mockups

Data Portal

PATENT APIs

Patent Data API

Overview

Application Data

Pre-Grant Data

Granted Patent Data

Documents

Continuity

Patent Term

Adjustment History

Correspondence

Address and Attorney/Agent Information

Assignments

Foreign Priority

Data Portal > APIs > Patent Data API – Application Data

Application Data

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GET /search-fields/{client_key}

Returns a list of schema fields, as well as frequency and sample values.

Note: {client_key} is required. Request an API key.

Response

<table>
<thead>
<tr>
<th>Status Code</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>401</td>
</tr>
<tr>
<td></td>
<td>403</td>
</tr>
<tr>
<td></td>
<td>404</td>
</tr>
<tr>
<td></td>
<td>429</td>
</tr>
</tbody>
</table>

Successful response.
Roadmap

**MVP**
- ODP 1.0 Release for November 2023 (Patent Data)
- Retire PEDS on January 2024

**Central API**
- Provides a central API gateway for all USPTO dissemination data services and endpoints, which allows USPTO to manage threshold limits and control cloud costs.
- Provides a single source of truth for all USPTO APIs where users can quickly locate endpoints and extract the data they need.

**Dissemination Search**
- Provides a central place for locating key information on patents, which helps reducing duplicative services that provide redundant data.
- Allows customers to select the data they want to download, which can reduce the burden on USPTO systems from unnecessary large dataset downloads.

**Potential Feature Releases**

**Generative AI Assistant**
- Allows USPTO to enhance the user experience by enabling customers to use natural conversation to get the data they want and allowing them to quickly make sense of USPTO data.

**ODP Walkthrough**
- Presents an overview of the ODP site, which can reduce the burden on manually answering questions from customers.

**Data Dissemination Dictionary**
- Provides a central place for customers to view and understand all USPTO data attributes and variables.

**“More Like This”**
- Allows users to search and do bulk downloads of patents based on similarity.
Thank you!

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