

## Introducing IPfolio PAIRsync

### Put your U.S. Patent Data Entry on Autopilot!

IPfolio PAIRsync helps you automate your US docket data entry by seamlessly connecting your IPfolio database to the USPTO's Private PAIR service.

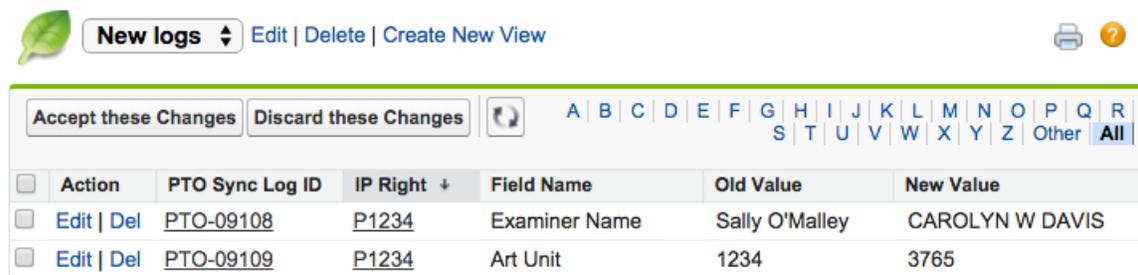
You get daily updates of bibliographic data, and the complete Image File Wrapper is downloaded and kept up-to-date in IPfolio.

### Key Benefits

#### 1. Automated Data Entry and Easy Discrepancy Reconciliation

More than a dozen data fields, including the *Title*, all important bibliographic Dates and Numbers, *Term Adjustment*, *Examiner Name*, *Art Unit*, and *Law Firm Reference* are synchronized from PAIR on a nightly basis.

An easy to use logging and discrepancy reconciliation mechanism allows you to review any changes to your data before accepting the updates to your record.

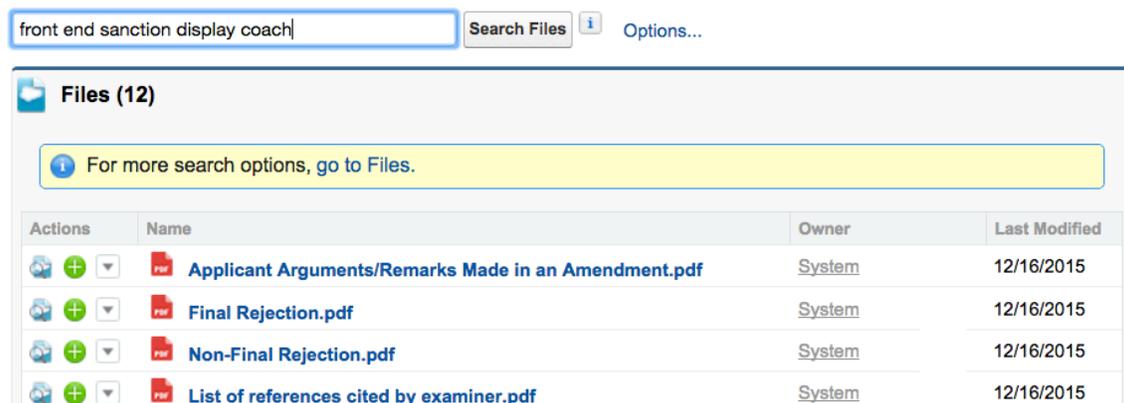


The screenshot shows a user interface for managing synchronization logs. At the top, there is a 'New logs' button with a leaf icon, and links for 'Edit', 'Delete', and 'Create New View'. A search bar contains the text 'front end sanction display coach'. Below the search bar is a table with columns: Action, PTO Sync Log ID, IP Right, Field Name, Old Value, and New Value. The table contains two rows of data.

<input type="checkbox"/>	Action	PTO Sync Log ID	IP Right	Field Name	Old Value	New Value
<input type="checkbox"/>	<a href="#">Edit</a>   <a href="#">Del</a>	<a href="#">PTO-09108</a>	<a href="#">P1234</a>	Examiner Name	Sally O'Malley	CAROLYN W DAVIS
<input type="checkbox"/>	<a href="#">Edit</a>   <a href="#">Del</a>	<a href="#">PTO-09109</a>	<a href="#">P1234</a>	Art Unit	1234	3765

#### 2. All PTO Documents Searchable in Full Text

We pass all documents from the Image File Wrapper through an OCR (Optical Character Recognition) process, so they become fully searchable in IPfolio.



The screenshot shows a search results page. At the top, there is a search bar with the text 'front end sanction display coach' and a 'Search Files' button. Below the search bar is a section titled 'Files (12)' with a message: 'For more search options, go to Files.' Below this is a table with columns: Actions, Name, Owner, and Last Modified. The table contains four rows of search results.

Actions	Name	Owner	Last Modified
	<a href="#">Applicant Arguments/Remarks Made in an Amendment.pdf</a>	System	12/16/2015
	<a href="#">Final Rejection.pdf</a>	System	12/16/2015
	<a href="#">Non-Final Rejection.pdf</a>	System	12/16/2015
	<a href="#">List of references cited by examiner.pdf</a>	System	12/16/2015

### 3. Automated Shadow Docket

PAIRsync automates tracking Actions in IPfolio, rather than just having your law firms email documents into the system. This means you can let IPfolio's powerful workflow engine calculate due dates for those Actions, and monitor them on a Dashboard.

While you will still want your outside counsel to take final responsibility for never missing a due date, an automated shadow docket gives you not only an extra layer of control, but also much better visibility into what is coming on your docket.

Outstanding Office Actions	
Title	Days to Due Date
[Redacted]	3
[Redacted]	15
[Redacted]	16
[Redacted]	22
[Redacted]	32
[Redacted]	34
[Redacted]	35
[Redacted]	35
[Redacted]	41
[Redacted]	42
[Redacted]	46
[Redacted]	46

Issue Fees Due	
Title	Days to Due Date
[Redacted]	41
[Redacted]	81

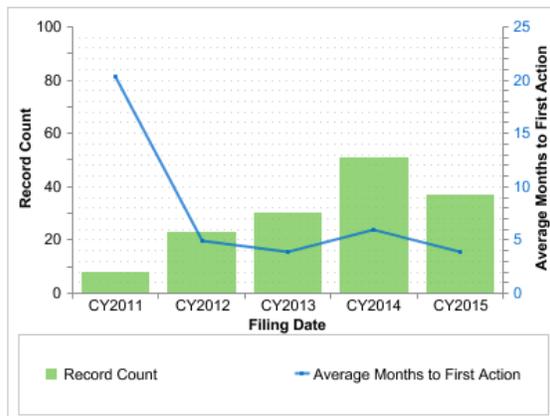
  

Awaiting Issuance	
Title	Days since Action
[Redacted]	15
[Redacted]	15
[Redacted]	22
[Redacted]	22

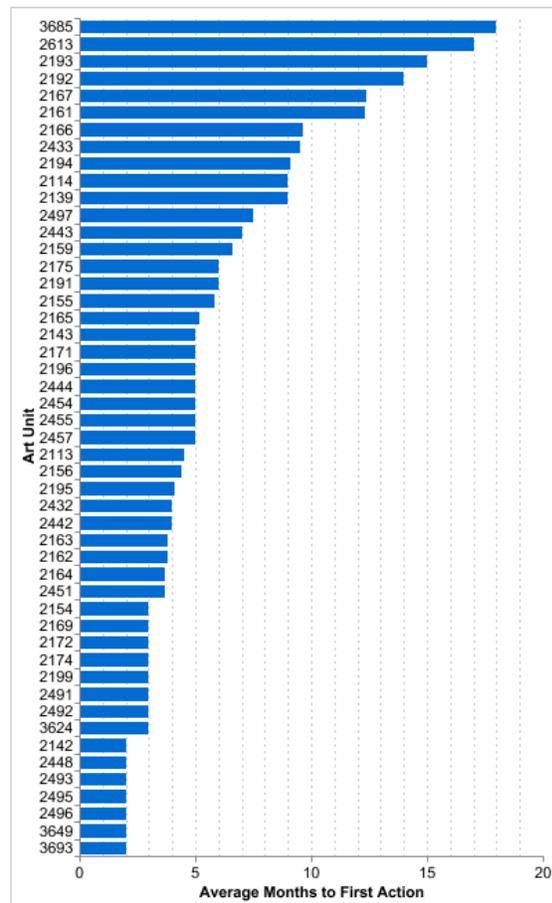
#### 4. Prosecution Analytics

In combination with data fields such as *Examiner Name* and *Art Unit*, which you probably have not bothered to track manually in your database so far, tracking specific Actions opens up new opportunities for doing robust analytics on your prosecution data.

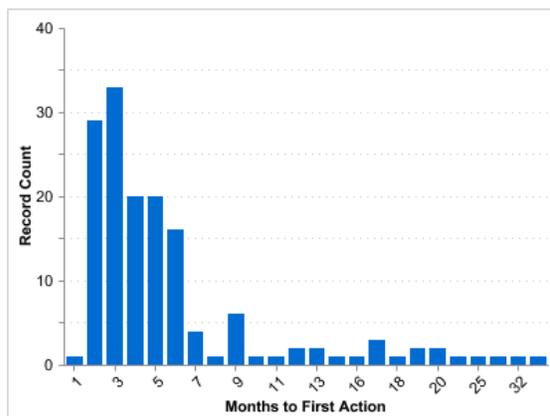
**Filings/Year & Time to First Action**



**Time to First Action by Art Unit**



**Time to First Action - Overall Distribution**



## IPfolio PAIRsync FAQ

### Functionality

#### 1. How frequently does PAIRsync update my database?

PAIRsync checks for updates on your records every night, and updates your database every morning before 6am EST. Typically, you will see all updates docketed at the PTO the previous day when you start your workday.

#### 2. Which fields on my patent records are updated?

We currently update these fields:

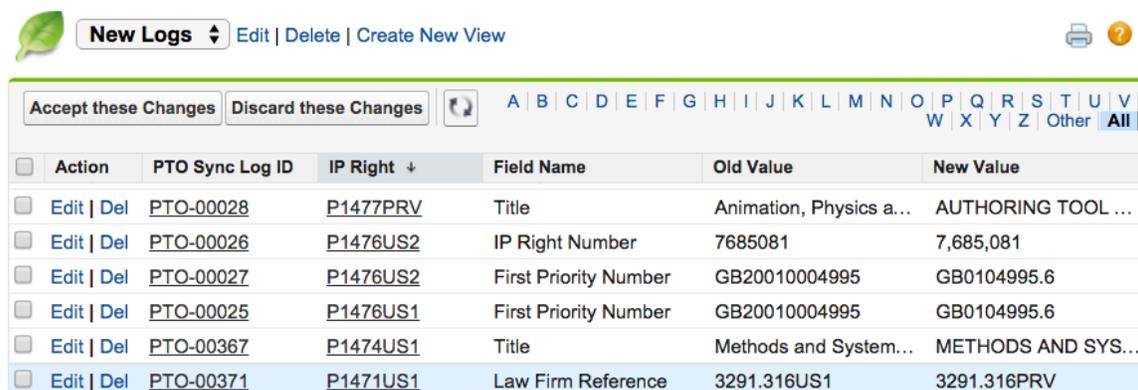
- Title
- Priority Date & Number, Application Date & Number
- Publication Date & Number
- Allowance Date, Issue Date & Number, Term Adjustment
- Examiner Name, Art Unit
- Law Firm Reference
- Parent ID and Relationship to Parent
- Documents
- Actions (configurable, based on PTO Document Codes)

More fields are to come, such as *Inventors* and relationship to multiple parent records in complex patent families.

#### 3. Will PAIRsync overwrite existing data in my database?

**No.**

PAIRsync logs a discrepancy whenever a conflicting value is encountered in a field. After the nightly sync, record owners that have discrepancies to review will receive an email with a link to the *PTO Sync Log*:



The screenshot shows a web interface for viewing PTO Sync Logs. At the top, there is a 'New Logs' button with a dropdown arrow, and links for 'Edit', 'Delete', and 'Create New View'. On the right, there are icons for a printer and a help/question mark. Below the navigation is a table with columns for 'Action', 'PTO Sync Log ID', 'IP Right', 'Field Name', 'Old Value', and 'New Value'. The table contains six rows of log entries, each with 'Edit' and 'Del' links in the 'Action' column.

Action	PTO Sync Log ID	IP Right	Field Name	Old Value	New Value
<a href="#">Edit</a>   <a href="#">Del</a>	<a href="#">PTO-00028</a>	<a href="#">P1477PRV</a>	Title	Animation, Physics a...	AUTHORING TOOL ...
<a href="#">Edit</a>   <a href="#">Del</a>	<a href="#">PTO-00026</a>	<a href="#">P1476US2</a>	IP Right Number	7685081	7,685,081
<a href="#">Edit</a>   <a href="#">Del</a>	<a href="#">PTO-00027</a>	<a href="#">P1476US2</a>	First Priority Number	GB20010004995	GB0104995.6
<a href="#">Edit</a>   <a href="#">Del</a>	<a href="#">PTO-00025</a>	<a href="#">P1476US1</a>	First Priority Number	GB20010004995	GB0104995.6
<a href="#">Edit</a>   <a href="#">Del</a>	<a href="#">PTO-00367</a>	<a href="#">P1474US1</a>	Title	Methods and System...	METHODS AND SYS...
<a href="#">Edit</a>   <a href="#">Del</a>	<a href="#">PTO-00371</a>	<a href="#">P1471US1</a>	Law Firm Reference	3291.316US1	3291.316PRV

The Sync Log tells you about each affected record, field, and the old (existing) and new (PAIR) values. For every single record, or in bulk for several records that you select, it allows you to either accept or discard the proposed changes.

If you *Accept*, the changed field value will be written to the record. If you *Discard* a change, IPfolio assumes that you want to keep your existing value, and will not bother you with the same change on the same record again.

#### 4. What about empty fields?

When a field value is encountered in PAIR and the respective field in IPfolio is empty, PAIRdirect writes the missing value to the field without creating a Sync Log. If you have the need to audit such changes, this can be done through a History Report.

#### 5. Can we create new cases through PAIRsync?

Yes.

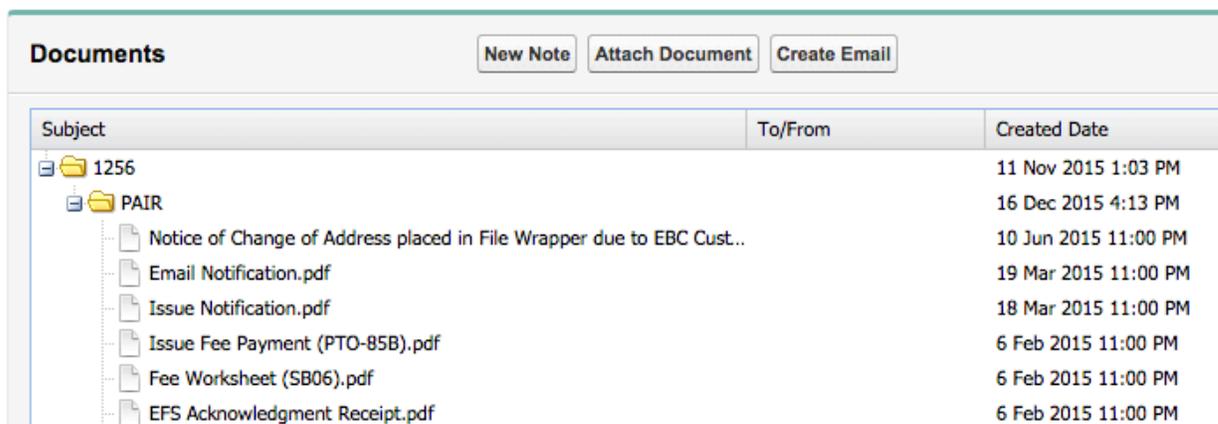
The discrepancy logging mechanism creates a PTO Sync Log with an empty *IP Right* column. Accepting it creates the record.



Action	PTO Sync Log ID	IP Right	Field Name	Old Value	New Value
<a href="#">Edit</a>   <a href="#">Del</a>	PTO-00101		IP Right ID		62/147,984

#### 6. How does PAIRsync add PTO documents to my records in IPfolio?

On any patent record that has been successfully synchronized, you will find a "PAIR" folder in the *Documents* section that contains the complete file history from the PTO, as PDF documents:



Subject	To/From	Created Date
1256		11 Nov 2015 1:03 PM
PAIR		16 Dec 2015 4:13 PM
Notice of Change of Address placed in File Wrapper due to EBC Cust...		10 Jun 2015 11:00 PM
Email Notification.pdf		19 Mar 2015 11:00 PM
Issue Notification.pdf		18 Mar 2015 11:00 PM
Issue Fee Payment (PTO-85B).pdf		6 Feb 2015 11:00 PM
Fee Worksheet (SB06).pdf		6 Feb 2015 11:00 PM
EFS Acknowledgment Receipt.pdf		6 Feb 2015 11:00 PM

## 7. Are these documents full-text searchable?

Yes.

Unlike most documents directly downloaded from PAIR, the documents provided by IPfolio PAIRsync have undergone an OCR (Optical Character Recognition) process to make them fully searchable inside IPfolio.

## 8. Can a document or notice also trigger a new Action?

Yes.

We have introduced a new object called *Action Definitions*, which allows mapping PAIR document codes to types of Actions (e.g. CTNF -> Non-final Office Action). When such a document code is encountered, IPfolio will create an Action of the defined type.

Actions		New Action				
Action	Action ID	Action Date	Action Type	Action Status	Due Date	Date Completed
<a href="#">Edit</a>   <a href="#">Del</a>	<a href="#">A-00202</a>	2/9/2016	<a href="#">Office Action (Non-final)</a>			
<a href="#">Edit</a>   <a href="#">Del</a>	<a href="#">A-00186</a>	12/30/2015	<a href="#">Information Disclosure Statement</a>			
<a href="#">Edit</a>   <a href="#">Del</a>	<a href="#">A-00187</a>	12/30/2015	<a href="#">Request for Continued Examination</a>			
<a href="#">Edit</a>   <a href="#">Del</a>	<a href="#">A-00188</a>	12/30/2015	<a href="#">Information Disclosure Statement</a>			
<a href="#">Edit</a>   <a href="#">Del</a>	<a href="#">A-00189</a>	9/30/2015	<a href="#">Office Action (Final)</a>			12/30/2015

[Show 5 more »](#) | [Go to list \(20\) »](#)

## 9. Can we get notifications when important documents come in?

Yes.

Typically, you will want to get notifications about *Actions* rather than single documents, since an Action often encompasses a number of documents. As always, the flexibility built into IPfolio gives you several ways of keeping track of what is going on:

- Actions will show up on the IP Rights and can be monitored on Dashboards (e.g. Pending Office Actions; Issue Fees Due).
- You can use standard workflow to send email notifications and/or reminders as well, which can vary based on the type of Action.

So you have 3 levels of filtering:

1. What constitutes an Action that you care about at all;
2. What is the subset that you want to monitor on a Dashboard; and
3. For which Actions (this could be again a subset of the Dashboard subset, or a different subset) do you want to receive email notifications.

## 10. Can IPfolio also know when an Action has been completed?

Yes.

Actions can be configured to set certain previous Actions to "completed", thereby moving them off your Dashboard. For example, a *Reply to Office Action* completes an *Office Action*; *Issue Fee Paid* completes *Notice of Allowance & Issue Fee Due*, etc.

Welcome to the age of partially automated docketing!

### 11. Does PAIRsync update inventors and create new *Party* records?

**No.**

Inventors are tricky to deal with, because of inevitable spelling variations in inventor names. PAIRsync in its current version does not process inventor information, but we are working on flagging potential discrepancies in the Sync Log with in upcoming version.

### 12. Will PAIRsync ever delete any of my data?

**No**, never.

## Pricing

### 13. How much does PAIRsync cost?

IPfolio PAIRsync is available by annual subscription in bundles of 100 cases for \$195 per month under our *Team Edition* plan and \$285/month under the *Enterprise Edition*.

For example, if you have 250 pending US applications, you will need 3 bundles of 100 cases each.

### 14. What types of IP Rights are monitored?

PAIRsync will monitor all your pending US patent applications, including provisional, designs and utility patents, as well as PCT applications filed through the USPTO.

### 15. At what point does a case drop off the count?

Private PAIR updates stop when the patent issues. The Issue Date and Issue Notification typically constitute the last updates that we see from Private PAIR.

### 16. Is a backfill for my current portfolio available?

**Yes.**

We offer a complete, one-time backfill for your existing pending portfolio at the cost of one year's ongoing monitoring.

Optionally, you may also want to backfill your *issued* cases. We offer this at a 50% discount, at \$195 (\$285 for the Enterprise plan) per bundle of 200 issued cases.

## Setup and Administration

### 17. Where in IPfolio do I store my Customer Number?

You provide us with your *PKI Certificate*, which we pass on to our trusted PAIR data provider, who securely stores it on their servers for doing the actual scraping on your behalf.

### 18. What if there are multiple Customer Numbers?

All relevant customer numbers should be associated with your certificate (this happens at the PTO).

### 19. What happens if I have cases on my Customer Number that are not associated with my portfolio (e.g. from a company that we have recently spun off)?

The case will still update, or re-appear in the log as a new case (see FAQ #5 above) if you have deleted it from your database.

This can be an issue when your certificate is associated with a large corporate portfolio, but IPfolio is used only in one entity of the larger corporation, and therefore only for a partial portfolio.

We have found ways to deal with these situations, such as syncing based on filter criteria or against a static list of Application Numbers, or excluding certain Application Numbers based on a list.