



INTELLECTUAL
PROPERTY

Augmented Docketing

FICPI Vienna, Session 6.3, October 11, 2019

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About PCK

- PCK is a boutique IP prosecution firm based in Toronto, Ontario, Canada
- The firm will be 14 years old in June, 2019
- Team of approximately 40 personnel ~15 attorneys, 23 staff, 2 Full Time Developers and 3 Part-time Contract Developers
- Approximately 800 IP filings around the world each year
- Software:
 - Patricia for docketing, workflow management, and DMS.
 - Netsuite for accounting.
 - 11 internally developed modules augmenting Patricia and Netsuite functionality.

OttoDocket is one of those modules

Synergies between OttoDocket and Patricia

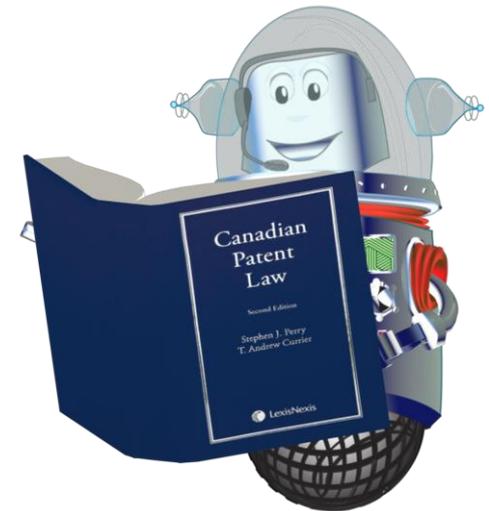
Patricia's robust structure allows for many possibilities:

1. OttoDocket™ receives uploaded documents
2. OttoDocket™ verifies the document data against Patricia data (Basic Tab, Parties Tab, Diary Fields, etc.)
3. OttoDocket™ updates the diary fields (Version 2 will update Parties Tab and Classes)
4. OttoDocket™ spawns terms on behalf of Patricia
5. Log events are created for both diary field updates and term creation
6. OttoDocket™ saves the document to the documents tab

OttoDocket™ integrates with Patricia to spawn deadlines and save documents to the DMS.

Advantages

- Our solution for Augmented Docketing is OttoDocket™
- Our observations:
 - In production at PCK for 36 months
 - Of the 10,418 documents processed, representing less than a ¼ of all potential document types – remainder document types are being trained for OttoDocket™
 - 400% output volume
 - Error Rate Reduced
 - Programmable for any jurisdiction



*PCK's OttoDocket™ software is patent pending

Documents

- PCK is currently processing these documents using our internal version of OttoDocket
 - CIPO Industrial Design Filing Certificate
 - CIPO Patent Acknowledgement of Request for Examination
 - CIPO Patent Assignment Registration Certificate
 - CIPO Patent Filing Certificate
 - CIPO Patent Notice of Allowance
 - CIPO Patent Notice of National Entry
 - CIPO Patent Office Action
 - CIPO Trademark Approval Notice
 - CIPO Trademark Certificate of Registration
 - CIPO Trademark Examiner's Report
 - CIPO Trademark Extension to File Declaration of Use
 - CIPO Trademark Grant Extension of Time for Examination Report
 - CIPO Trademark Notice of Allowance

Documents

- PCK is currently processing these documents using our internal version of OttoDocket
 - EPO Design Examination Report
 - EPO Entry into the European phase before the European Patent Office
 - EPO Extended European Search Report
 - EPO Patent Certificate of Grant
 - EPO Patent Communication Pursuant to Rule 69 EPC
 - EPO Patent Communication Pursuant to Rules 161(2) and 162 EPC
 - EPO Patent Communication Pursuant to Rules 70 and 70a EPC
 - EPO Patent Decision to Grant
 - EPO Patent Examination Report - Communication Pursuant to Article 94(3) EPC
 - EPO Patent Filing Receipt
 - EPO Trademark Certificate of Registration

Documents

- PCK is currently processing these documents using our internal version of OttoDocket
 - PCT Communication in Cases for which No Other Form is Applicable (PCT-IB-345)
 - PCT Date Stamped Demand (PCT-IPEA-401)
 - PCT Date-Stamped Fee Calculation Sheet (PCT-IPEA-401)
 - PCT First Notice Informing the Applicant of the Communication of the International Application (PCT-IB-308)
 - PCT Notification Concerning Filing of Amendments of the Claims (PCT-IB-346)
 - PCT Notification Concerning Elected Offices (PCT-IB-332)
 - PCT Notification Concerning Payment of Prescribed Fees (RO-102)
 - PCT Notification of Decision Concerning Request for Rectification (PCT-ISA-217)
 - PCT Notification of International Application Number and Filing Date (RO-105)
 - PCT Notification of Receipt of Demand by Competent International Preliminary Examining Authority (PCT-IPEA-402)
 - PCT Notification of Receipt of Search Copy (PCT-ISA-202)
 - PCT Notification of the Recording of a Change
 - PCT Notification of Transmitted Documents
 - PCT Notification Payment Prelim Exam and Handling Fees
 - PCT Second and Supplementary Notice Informing the Applicant of the Communication of the International Application (PCT-IB-308)

Documents

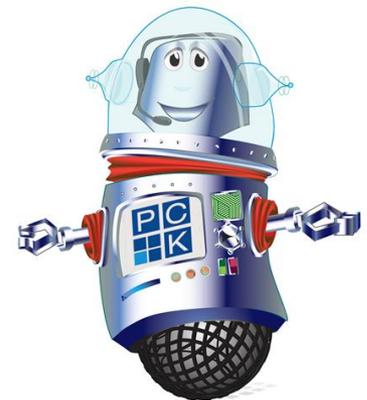
- PCK is currently processing these documents using our internal version of OttoDocket
 - USPTO Design Issue Notification
 - USPTO Filing Receipt
 - USPTO Notice of Acceptance of Application Under 35 USC 371 and 37 CFR 1495
 - USPTO Notice of Acceptance of POA
 - USPTO Notice of Allowance and Fee(s) Due
 - USPTO Notice of Publication of Application
 - USPTO Office Action
 - USPTO Patent and Design Informational Notice to Applicant
 - USPTO Patent Issue Notification
 - USPTO Trademark Certificate of Registration
 - USPTO Trademark Office Action
 - USPTO Updated Filing Receipt

Documents

- OttoDocket is currently processing these documents
 - USPTO Issue Notification
 - PCT Payment of Prescribed Fees
 - EPO Decision to Grant
 - NIPO Notification of Payment of Annual Fee (patent, trademark)
 - NIPO Official Action (patent, trademark)
 - NIPO Patent Search Report
 - NIPO Extension of term in TM application
 - NIPO Extension of term in international registration (trademark)

Requirements for OttoDocket

- Patricia – SQL Version*
- ~50 sample documents for AI training per document type
- Database mapping of how those documents behave
- Web Browser, Browser Plug-in and Internet Connection to our secure servers on the docketing workstation that runs Patricia



* Ottodocket is scalable to other docketing systems but is presently only optimized for Patricia

VIDEO DEMONSTRATION



Screenshots

- Slide 2 – Login Page
- Slide 3 – Dashboard Page upon logging in – 0 documents
- Slide 4 – Upload page – 2 documents being uploaded
- Slide 5 – Dashboard where Otto is processing 2 documents – Can show the batch capabilities here – 2 documents are being processed – one is ready for verification, while the other is being processed by Otto
- Slide 6 – EPO Decision to Grant – Verification by user screen
- Slide 7 – PCT Notification of Payment of Prescribed Fees – Verification by user screen
- Slide 8 – EPO Decision to Grant – AFTER it is sent to Patricia – Log screen.

Login Page



pckip.com

OTTodocket Login
Please enter your username and password to connect

Username

Password

[Show](#)

LOGIN

Keep me logged in

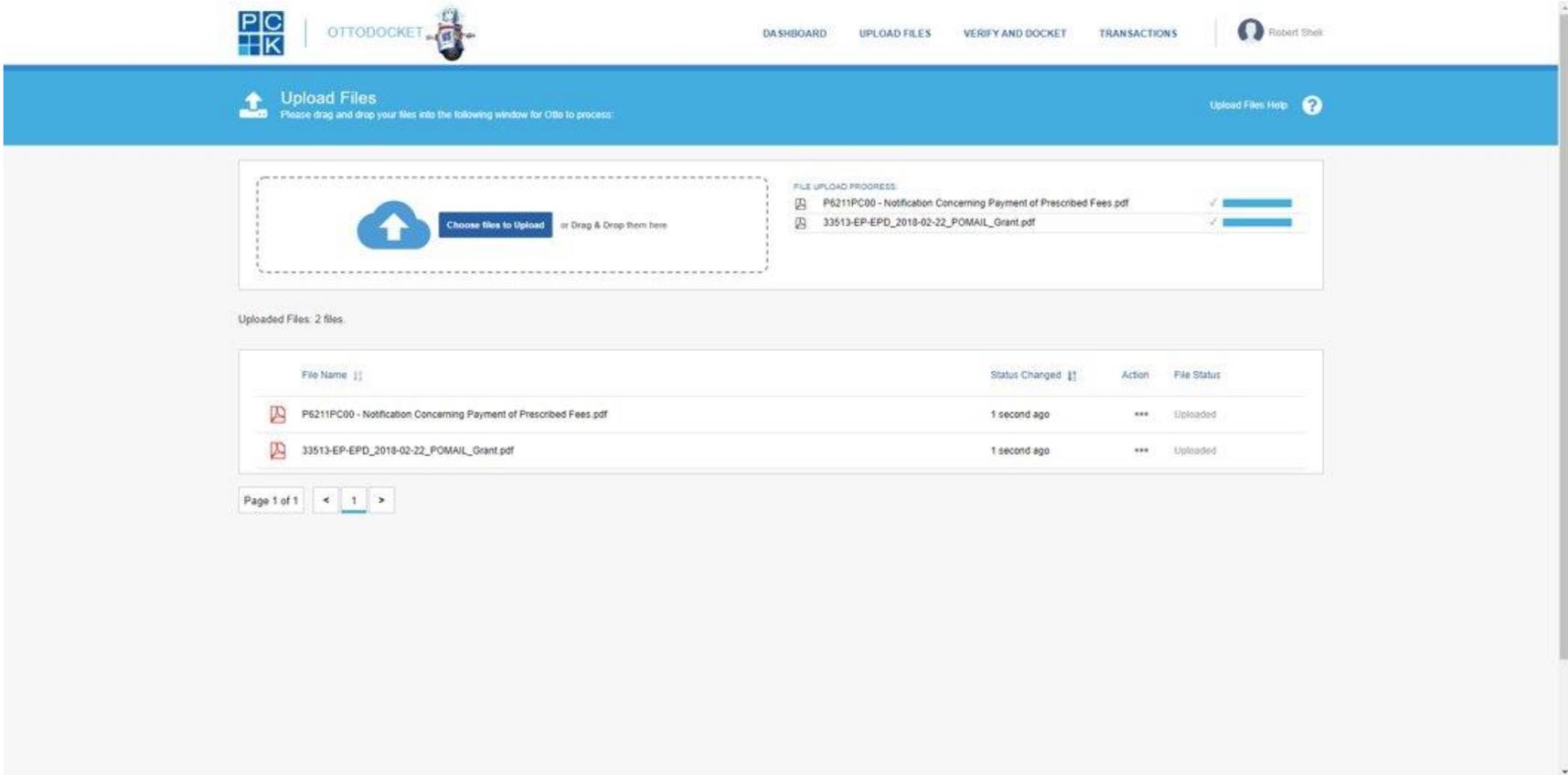
To change your password, please contact
support@ottodocket.com



Dashboard Page upon logging in – 0 documents

The screenshot shows the Ottodocket dashboard interface. At the top, there is a navigation bar with the PCIK logo, the text 'OTTODOCKET', and a user profile icon for 'Robert Shell'. Below this is a blue header bar with 'Dashboard' and a sub-message 'Please select an action from the main menu'. A 'Dashboard Help' link is also present. The main content area features four primary action buttons: 'UPLOAD FILES' (blue), 'VERIFY AND DOCKET' (green), 'TRANSACTIONS' (orange), and 'MY ACCOUNT' (dark grey). Below these buttons, the text reads 'Recent File Activity: Displaying 0 out of 0 files'. A 'Filter by File Status' dropdown menu is located to the right. A table with the following columns is shown: 'File Name', 'Case Number', 'Status Changed', 'Action', and 'File Status'. The table is currently empty, displaying 'No data found' in the center. The browser's address bar at the bottom left shows the URL 'https://www.ottodocket.com/profile'.

Upload page – 2 documents being uploaded

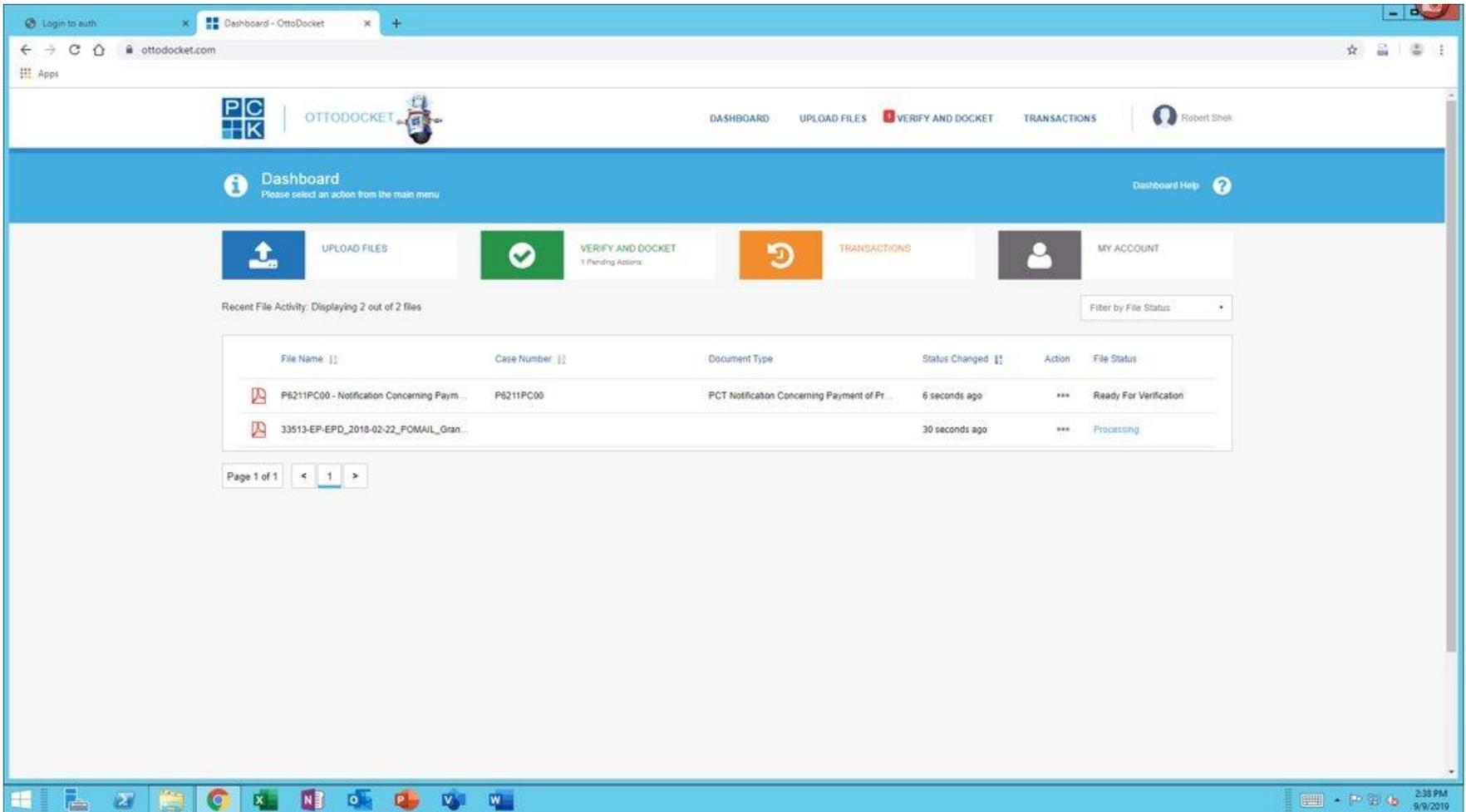


The screenshot shows the 'Upload Files' page in the OTTODOCKET system. At the top, there is a navigation bar with 'DASHBOARD', 'UPLOAD FILES', 'VERIFY AND DOCKET', and 'TRANSACTIONS'. The user 'Robert Shek' is logged in. The main area features a blue header with 'Upload Files' and a sub-header 'Please drag and drop your files into the following window for Ots to process:'. Below this is a dashed box containing a cloud icon and a 'Choose files to Upload' button. To the right, a 'FILE UPLOAD PROGRESS' section shows two files with progress bars and checkmarks: 'P6211PC00 - Notification Concerning Payment of Prescribed Fees.pdf' and '33513-EP-EPD_2018-02-22_POMAIL_Grant.pdf'. Below the upload area, it states 'Uploaded Files: 2 files.' and a table lists the uploaded files with their names, status change times, actions, and file statuses.

File Name	Status Changed	Action	File Status
 P6211PC00 - Notification Concerning Payment of Prescribed Fees.pdf	1 second ago	***	Uploaded
 33513-EP-EPD_2018-02-22_POMAIL_Grant.pdf	1 second ago	***	Uploaded

Page 1 of 1

Dashboard where Otto is processing 2 documents – Can show the batch capabilities here

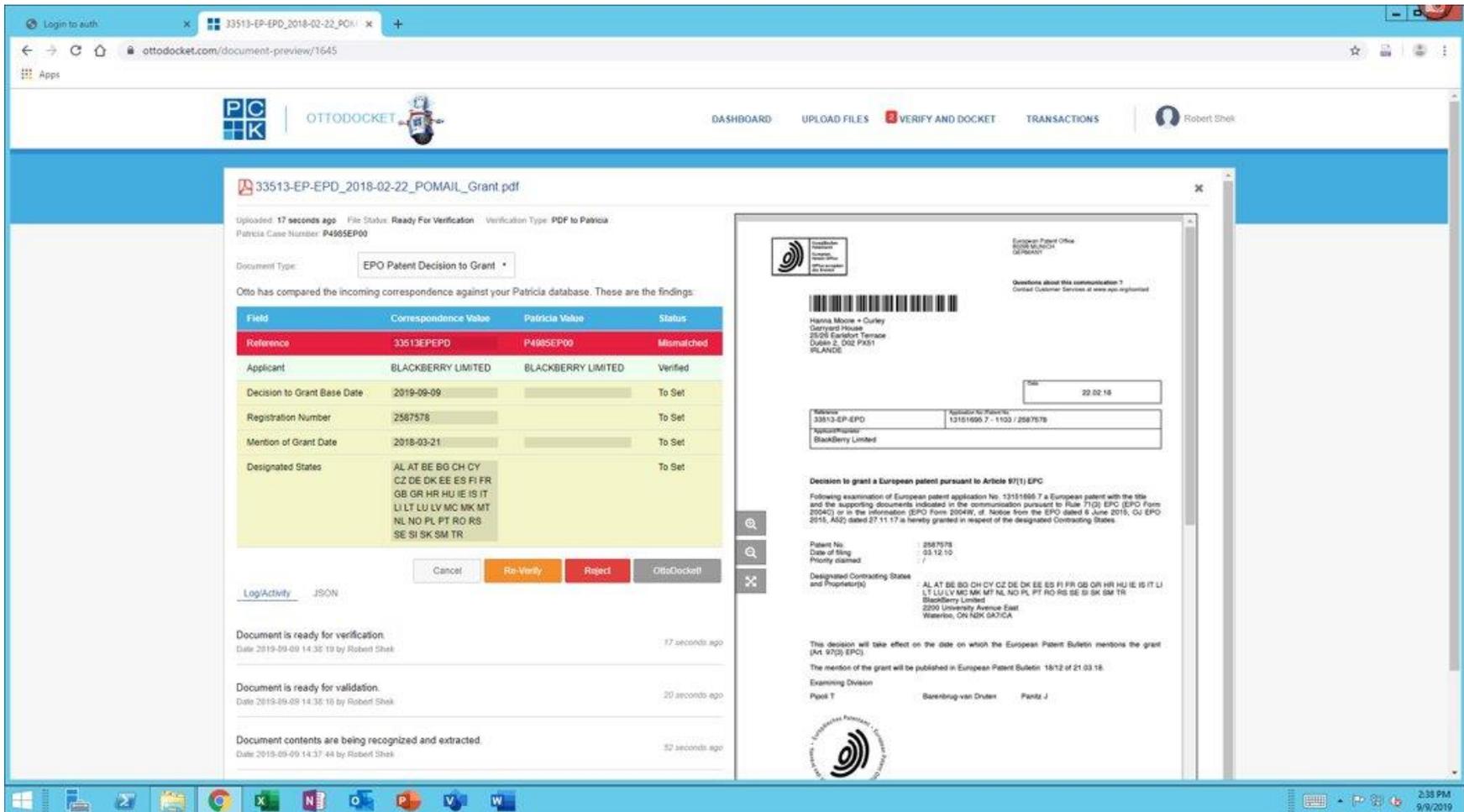


The screenshot shows the OttoDocket dashboard interface. At the top, there is a navigation bar with the PCK logo, the text 'OTTODOCKET', and a user profile for 'Robert Shik'. Below this is a 'Dashboard' section with a message: 'Please select an action from the main menu'. A main menu contains five items: 'UPLOAD FILES', 'VERIFY AND DOCKET' (with 1 Pending Action), 'TRANSACTIONS', and 'MY ACCOUNT'. The 'Recent File Activity' section displays a table with the following data:

File Name	Case Number	Document Type	Status Changed	Action	File Status
P6211PC00 - Notification Concerning Paym...	P6211PC00	PCT Notification Concerning Payment of Pr...	6 seconds ago	***	Ready For Verification
33513-EP-EPD_2019-02-22_FOMAIL_Gran...			30 seconds ago	***	Processing

At the bottom of the dashboard, there is a pagination control showing 'Page 1 of 1' and a 'Filter by File Status' dropdown menu. The Windows taskbar at the bottom of the screen shows various application icons and the system clock indicating 2:38 PM on 9/9/2019.

2 documents are being processed – one is ready for verification, while the other is being processed by Otto



The screenshot shows the OttoDocket web application interface. The main content area displays a document titled "33513-EP-EPD_2018-02-22_POMAIL_Grant.pdf". The document status is "Ready For Verification" and the verification type is "PDF to Patricia". The Patricia Case Number is "P496SEP00".

The document type is "EPO Patent Decision to Grant". Below this, a message states: "Otto has compared the incoming correspondence against your Patricia database. These are the findings:"

Field	Correspondence Value	Patricia Value	Status
Reference	33513EPEPD	P496SEP00	Mismatched
Applicant	BLACKBERRY LIMITED	BLACKBERRY LIMITED	Verified
Decision to Grant Base Date	2019-09-09		To Set
Registration Number	2587576		To Set
Mention of Grant Date	2018-03-21		To Set
Designated States	AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR		To Set

Below the table, there are buttons for "Cancel", "Re-Verify", "Reject", and "OttoDocket!".

On the right side of the interface, a preview of the patent document is shown. It includes the European Patent Office logo, a barcode, and the following text:

European Patent Office
ROSENBLUETH
GERMANY

Questions about this communication?
Contact Customer Services at www.epo.int/office

Hanna Moore + Curley
Garrard House
25/26 Earlsfort Terrace
Dublin 2, D02 PK31
IRELAND

Date: 22.02.18

Reference: 33513-EP-EPD
Applicant: BlackBerry Limited

Applicant No: 13151666.7 - 1100 / 2587576

Decision to grant a European patent pursuant to Article 97(1) EPC

Following examination of European patent application no. 13151666.7 a European patent with the title and the supporting documents indicated in the communication pursuant to Rule 71(2) EPC (EPO Form 2004C) or in the information (EPO Form 2004W, if Notice from the EPO dated 6 June 2015, or EPO 2015_A02) dated 27.11.17 is hereby granted in respect of the designated Contracting States.

Patent No.: 2587576
Date of filing: 03.12.10
Priority claimed: /

Designated Contracting States and Proprietor(s): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
BlackBerry Limited
2200 University Avenue East
Waterloo, ON N2K 6A7CA

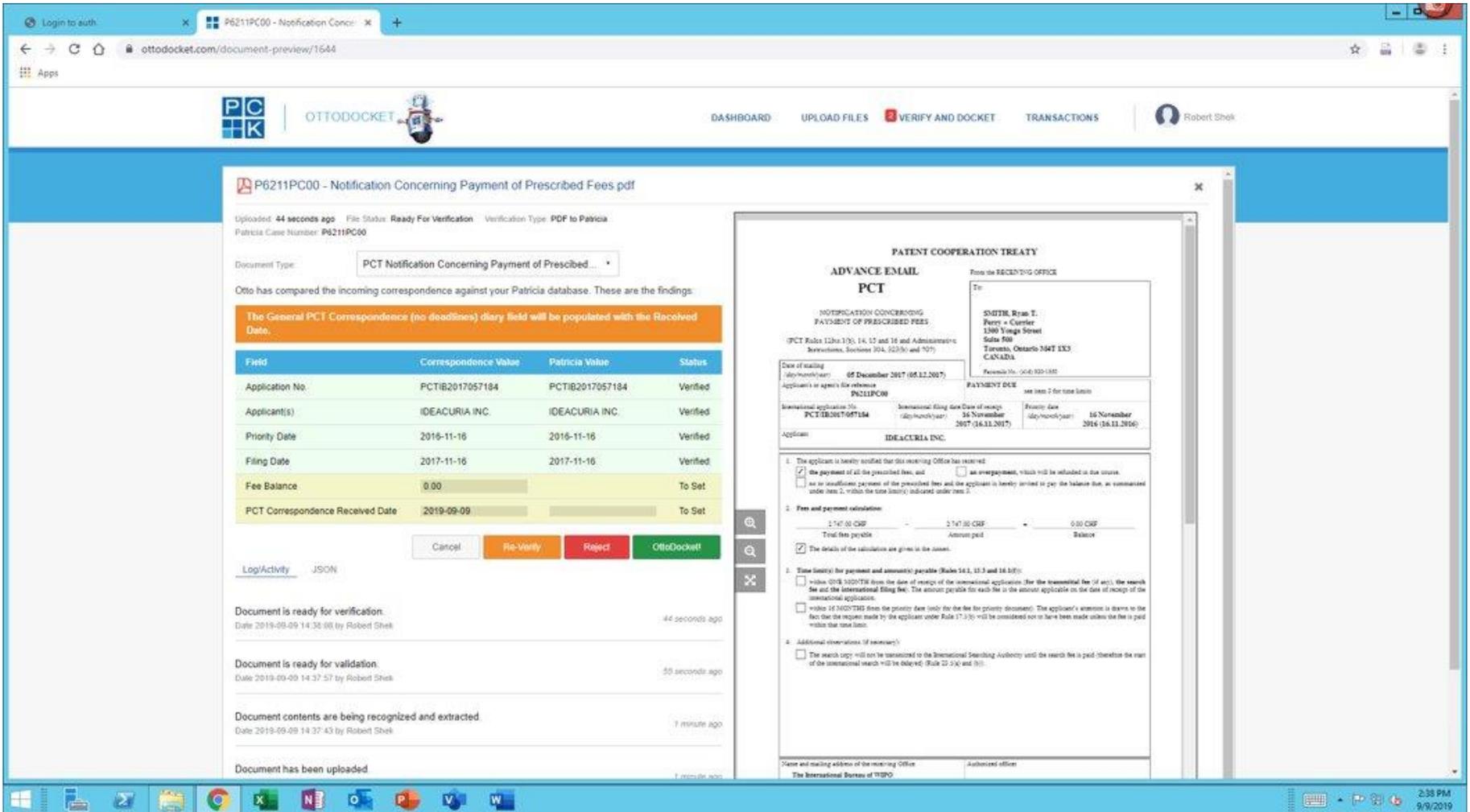
This decision will take effect on the date on which the European Patent Bulletin mentions the grant (Art. 97(2) EPC).

The mention of the grant will be published in European Patent Bulletin 18/12 of 21.03.18.

Examining Division
Pexel T: Barenbrug-van Druen, Pexel J

The bottom of the screenshot shows the Windows taskbar with various application icons and the system tray showing the time as 2:38 PM on 9/9/2019.

EPO Decision to Grant – Verification by user screen



The screenshot displays the Ottodocket web interface. The main content area shows a document titled "P6211PC00 - Notification Concerning Payment of Prescribed Fees pdf". The document status is "Ready For Verification" and the type is "PDF to Patricia".

Below the document information, there is a table comparing correspondence values between the application and the Patricia database. The table is as follows:

Field	Correspondence Value	Patricia Value	Status
Application No.	PCTIB2017057184	PCTIB2017057184	Verified
Applicant(s)	IDEACURIA INC.	IDEACURIA INC.	Verified
Priority Date	2016-11-16	2016-11-16	Verified
Filing Date	2017-11-16	2017-11-16	Verified
Fee Balance	0.00		To Set
PCT Correspondence Received Date	2019-09-09		To Set

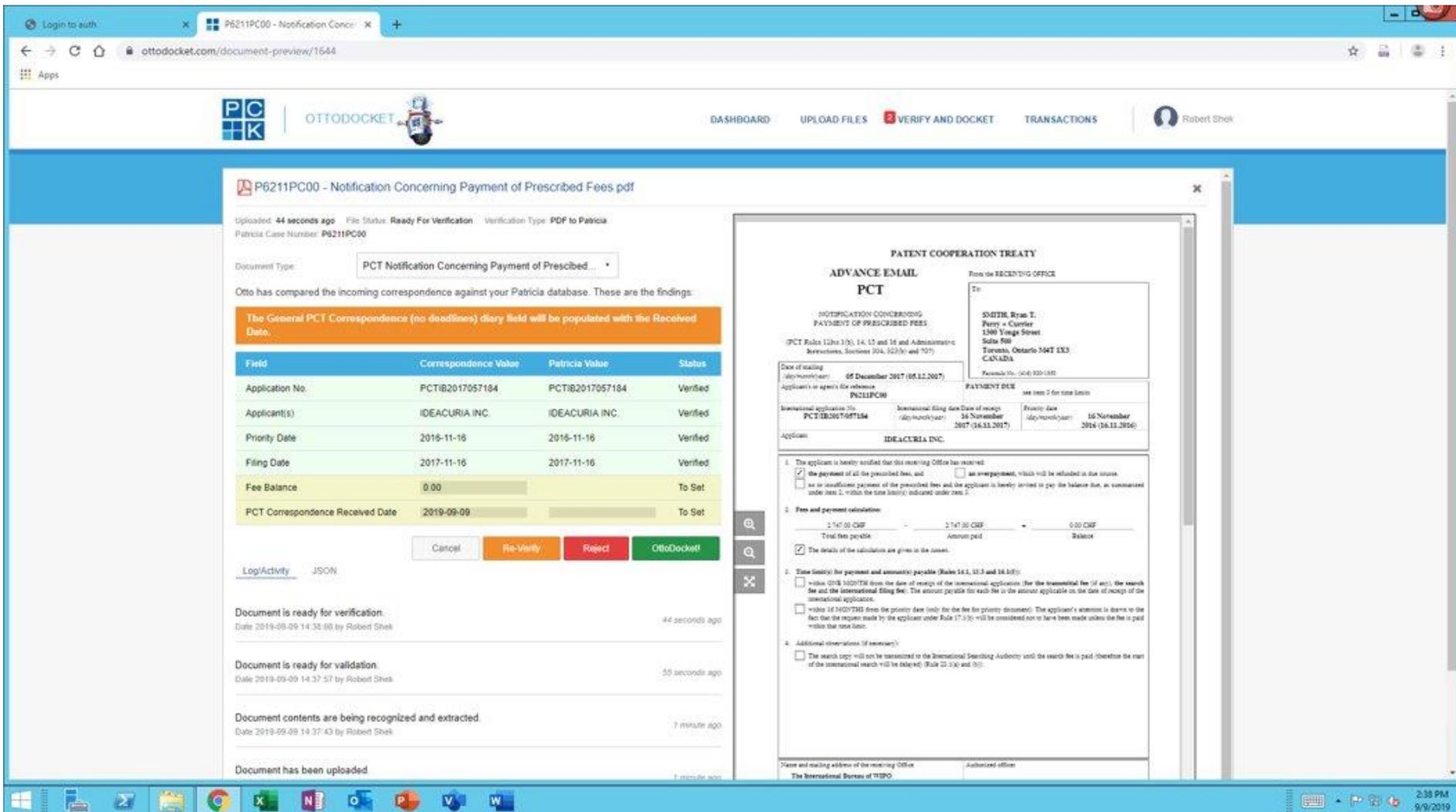
At the bottom of the document preview, there are buttons for "Cancel", "File-Verify", "Reject", and "Ottodocket".

On the right side of the screen, a preview of the PCT notification document is shown. The document is titled "PCT ADVANCE EMAIL" and is from the RECEIVING OFFICE. It contains the following information:

- ADVANCE EMAIL PCT**
- NOTIFICATION CONCERNING PAYMENT OF PRESCRIBED FEES**
- From the RECEIVING OFFICE**
- To:** SMITH, Ruan T., Patent Attorney, 1390 Yonge Street, Suite 800, Toronto, Ontario M4Y 1X3, CANADA. Fax: (416) 593-1885.
- Date of mailing:** 05 December 2017 (05.12.2017)
- Applicant's or agent's file reference:** P6211PC00
- International application No.:** PCT/IB2017/057184
- International filing date/Date of receipt:** 16 November 2017 (16.11.2017)
- Priority date:** 16 November 2016 (16.11.2016)
- Applicant:** IDEACURIA INC.

The document also includes a section for "PAYMENT DATE" and a list of conditions for payment, such as "The applicant is hereby notified that the receiving Office has received the payment of all the prescribed fees, and as an overpayment, which will be refunded in due course."

PCT Notification of Payment of Prescribed Fees – Verification by user screen



The screenshot displays the OttoDocket interface for document P6211PC00. The document is titled "P6211PC00 - Notification Concerning Payment of Prescribed Fees pdf" and is in a "Ready For Verification" state. The document type is "PCT Notification Concerning Payment of Prescribed...".

Key information from the document includes:

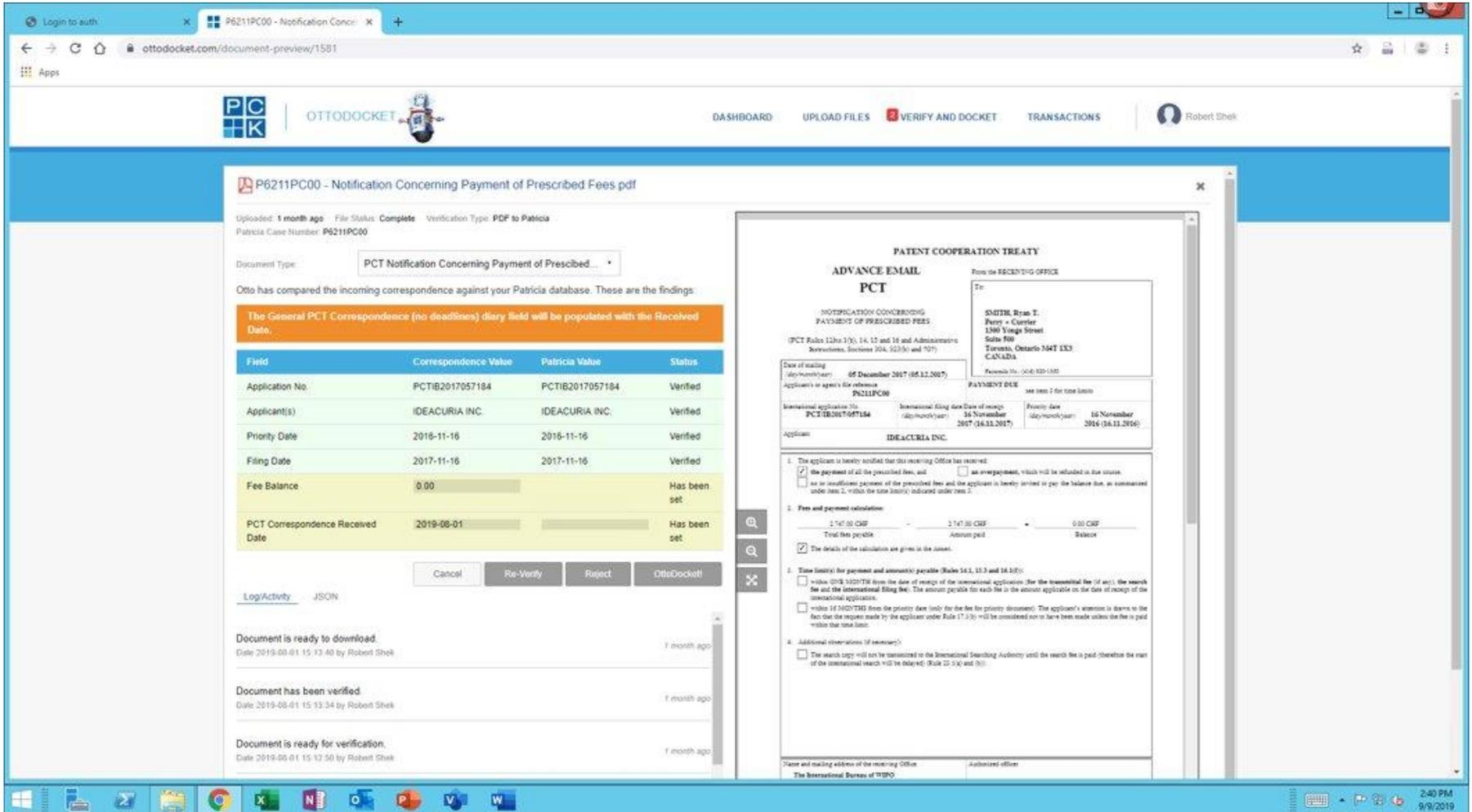
- Application No.:** PCTIB2017057184
- Applicant(s):** IDEACURIA INC.
- Priority Date:** 2016-11-16
- Filing Date:** 2017-11-16
- Fee Balance:** 0.00 (To Set)
- PCT Correspondence Received Date:** 2019-09-09 (To Set)

The document content is a "PATENT COOPERATION TREATY ADVANCE EMAIL PCT" from the RECEIVING OFFICE. It includes the following details:

- From the RECEIVING OFFICE:** SMITH, Ryan E., Perry + Currier, 1300 Yonge Street, Suite 500, Toronto, Ontario M4T 1X3, CANADA. Phone: (416) 593-1383.
- Notification Concerning Payment of Prescribed Fees:** PCT Rules 12bis(1)(c), 14, 15 and 16 and Administrative Instructions, Sections 304, 323(b) and 707.
- Payment Due:** 05 December 2017 (05.12.2017).
- International Application No.:** PCT/IB2017/057184. **International Filing Date:** 16 November 2017 (16.11.2017). **Priority Date:** 16 November 2016 (16.11.2016).
- Applicant:** IDEACURIA INC.

The application is ready for verification, with a log of activities showing the document was uploaded, recognized, and extracted on 2019-09-09.

EPO Decision to Grant – AFTER it is sent to Patricia – Log screen.



The screenshot shows the Ottodocket web application interface. The main content area displays a document titled "P6211PC00 - Notification Concerning Payment of Prescribed Fees pdf". The document type is "PCT Notification Concerning Payment of Prescribed...". Below this, there is a table with the following data:

Field	Correspondence Value	Patricia Value	Status
Application No.	PCTIB2017057184	PCTIB2017057184	Verified
Applicant(s)	IDEACURIA INC.	IDEACURIA INC.	Verified
Priority Date	2016-11-16	2016-11-16	Verified
Filing Date	2017-11-16	2017-11-16	Verified
Fee Balance	0.00		Has been set
PCT Correspondence Received Date	2019-06-01		Has been set

Below the table, there are buttons for "Cancel", "Re-Verify", "Reject", and "Ottodocket!". There is also a "Log/Activity" section with a "JSON" link. The document is ready for download, verification, and verification.

On the right side, a preview of the PCT notification form is shown. The form is titled "PATENT COOPERATION TREATY ADVANCE EMAIL PCT". It includes the following information:

- ADVANCE EMAIL PCT**
- From the RECEIVING OFFICE**
- To:** SMITH, Ryan T., Partner + Counsel, 1300 Yonge Street, Suite 806, Toronto, Ontario M4T 1X3, CANADA
- From:** PCTIB2017057184
- Subject:** PCTIB2017057184
- Date of mailing:** 05 December 2017 (05.12.2017)
- Applicant's or agent's file reference:** PCTIBPC00
- International application No.:** PCTIB2017057184
- International filing date:** 16 November 2017 (16.11.2017)
- Priority date:** 16 November 2016 (16.11.2016)
- Applicant:** IDEACURIA INC.

The form also includes a section for "1. The applicant is hereby notified that the receiving Office has received..." and a section for "2. Fees and payment calculation..." with a table showing the calculation of fees.

Interested in trying OttoDocket?

Email Andrew Currier at currier@pckip.com