

# Patent Public Advisory Committee Quarterly Meeting

## Patent End-To-End (PE2E)



John Owens II  
Chief Information Officer

David Landrith  
Portfolio Manager - Patents

May 22, 2014



# PE2E Accomplishments – Examiner Tools

- **Patent Examination Tools & Infrastructure:** Viewing tool for patent documents and Examiner docket. FY 14 releases to pilot audience (currently 113 Examiners)
  - **Completed** February 2014: data model improvement; service layer refactoring; remarks; information disclosure statements; text conversion; and docket compliant with eDan
  - May 2014: Enhanced features beyond eDAN including ability to open multiple cases; reference viewer allowing upload and list useful references for each application; and ability to view all IDS documents as thumbnails
  - August 2014: IDS consideration; detailed user customizations and layouts; and additional note taking capabilities. Pilot group will be expanded with additional users.
  - October 2014: Achieving eDAN parity including annotate documents; bib data sheets; transmit to eRed Folder; printing; view fee data for applications; SPEs views; and enhanced patent family Maps. Released to entire Patent Corps

**Aggressive**



# PE2E Accomplishments – CPC



**Cooperative Patent Classification (CPC):** Harmonized patent classification system and schema between EPO & USPTO

- **Completed** January 2014: Combination sets - Enhance search system data processing to improve CPC Combination set search capabilities
- **Completed** April 2014:
  - Enhanced Classification Allocation Tool (CAT) homepage with classification picture and quick search by application/docket number
  - Re-ingestion of publication classification data from publication contractor
  - Services that OACS will use to pre-populate and add allocations
  - Ingestion of initial classification data from external source into the CPC
  - Enhancements to the symbol validation service
- Q4 FY 14: Enhance CAT for classification picture (including regular allocations and combination sets). Transfer & Search Assistance Tool (TSA) for quality nominees. Enhanced reporting tools. Automate the revision and reclassification work lists.



# PE2E Accomplishments – eCommerce

- **Text2PTO/Modernize eCommerce:**

- FY 14 project: Kickoff held in May 2014 - delayed 7 months as key resources were engaged in legal mandates (AIA, Patent Law Treaty, The Hague Agreement, Attributable Owner). This delay is in addition to the 6 month delay related to the suspension of the FY 13 project due to budget reductions.
  - Define business requirements for receiving patent applications in text/XML and modernizing eCommerce
  - Plan and conduct outreach to applicants/IP law firms to determine the business needs and address concerns with filing in text/XML and eCommerce improvements
  - Conduct research on federal agencies' eCommerce solutions and text receipt/processing
  - Conduct research on processing PDF documents with text to XML
- The FY 15 project will create additional eCommerce prototypes and initial releases with patent applications filed in text; processing submission to text; and modernizing eCommerce based on research and outreach
- The FY 16 project will allow applicants to file patents with the USPTO in text and further modernize the eCommerce solution



# PE2E Accomplishments – Global Dossier

- **One Portal Dossier (Part of Global Dossier)**

**Aggressive**

- FY15 project: Public Access to Foreign Application Dossiers: Develop and deploy a public web page for retrieval and display of foreign IP Office published patent application dossier contents.
- Expected to deliver in Q1 of FY15.





# Patents Accomplishments/Key Releases

- **Hague Agreement Implementation:** Satisfies agreement between USPTO and WIPO
  - Q1 of FY15: Patent applicants can apply for design protection by filing a single, standardized international design application in one language
- **Attributable Owner Phase 1:** Provides greater transparency on ownership of patent applications and patents
  - October 2014: Requires applicants to identify attributable owner, including ultimate parent entity, during pendency of patent application and at specified times during life of a patent
- **Patent Law Treaty (PLT) Implementation:**
  - Numerous releases in FY 14: Enables U.S. applicants to file a single international standard for filing a patent application with USPTO
- **America Invents Act (AIA) Implementation Phase 3:**
  - Numerous releases in FY 14 & 15: Implement deferred requirements from earlier phases; correct anomalies; and make changes based on feedback from AIA Phase 1 and Phase 2



# Dissemination Accomplishments/ Key Releases

- **PTAS TM Task Force Enhancements**

- July 2014

- Adding an online resubmission function for non-recorded assignments
- Modifications to recognize multiple, related assignments
- Allowing the selection of multiple conveyance types
- Automated three-part rollover for Recordation Notices—email, fax, paper
- Improvements to reduce the usage of the catch-all "Other" conveyance type

- **Electronic Data Hosting**

- September 2014

- Two projects to create a master repository of public bulk, electronic data and public hosting to provide an in-house alternative to the Public Data Dissemination service currently provided through agreement with RTIS
- Phase 2 defines an initial Application Programming Interface (API), for later implementation, that enhances the automation when obtaining bulk data and supports mobility

- **PAIR Bulk Data**

- October 2015

- Customers will be able to choose a range of data they desire rather than retrieving a single record at a time
- Initial search fields will include: application number, customer number, PGpub number, patent number, PCT number, issue date, filing date and attorney docket number



# Infrastructure Accomplishments/ Key Releases

- **Completed** March 2014 - Expand existing IT Infrastructure at the Silicon Valley Temporary Satellite Office in Menlo Park, California to meet the requirement to add between 40 to 50 Patent Examiners
- June 2014 – Complete the IT infrastructure to support the establishment of the second satellite office per the America Invent Act (AIA) in Denver
- July/August 2014 - Expand the IT infrastructure to support the existing Detroit satellite office to accommodate growth in the PTAB organization





# Questions and Comments?

**John Owens II**

Chief Information Officer

571-272-9400

[John.Owens@uspto.gov](mailto:John.Owens@uspto.gov)

**David Landrith**

Portfolio Manager

571-272-8947

[David.Landrith@uspto.gov](mailto:David.Landrith@uspto.gov)