



ASEAN IT Business Strategy Workshop on Digital Government Services

Topic 7: WIPO IP Office Cloud Services

Date: February 24, 2023

WIPO Industrial Property Business Solutions Division (IPOBSD)

WIPO IP Office Suite

- WIPO developed group of software for National IP offices.
- **IPAS (Intellectual Property Administration System)** – back office workflow-based, customizable, end-to-end system for administration of data, processes and documents associated with the registration of patents, trademarks, and industrial designs.
- **WIPO File** - online filing and notification system
- **WIPO Publish** - online search, publication and intellectual property data exchange



<https://www3.wipo.int/confluence/display/wipoimd/1.+Overview>

WIPO IP Office Suite

- 90 National IP Offices are using the complete suite or some modules.

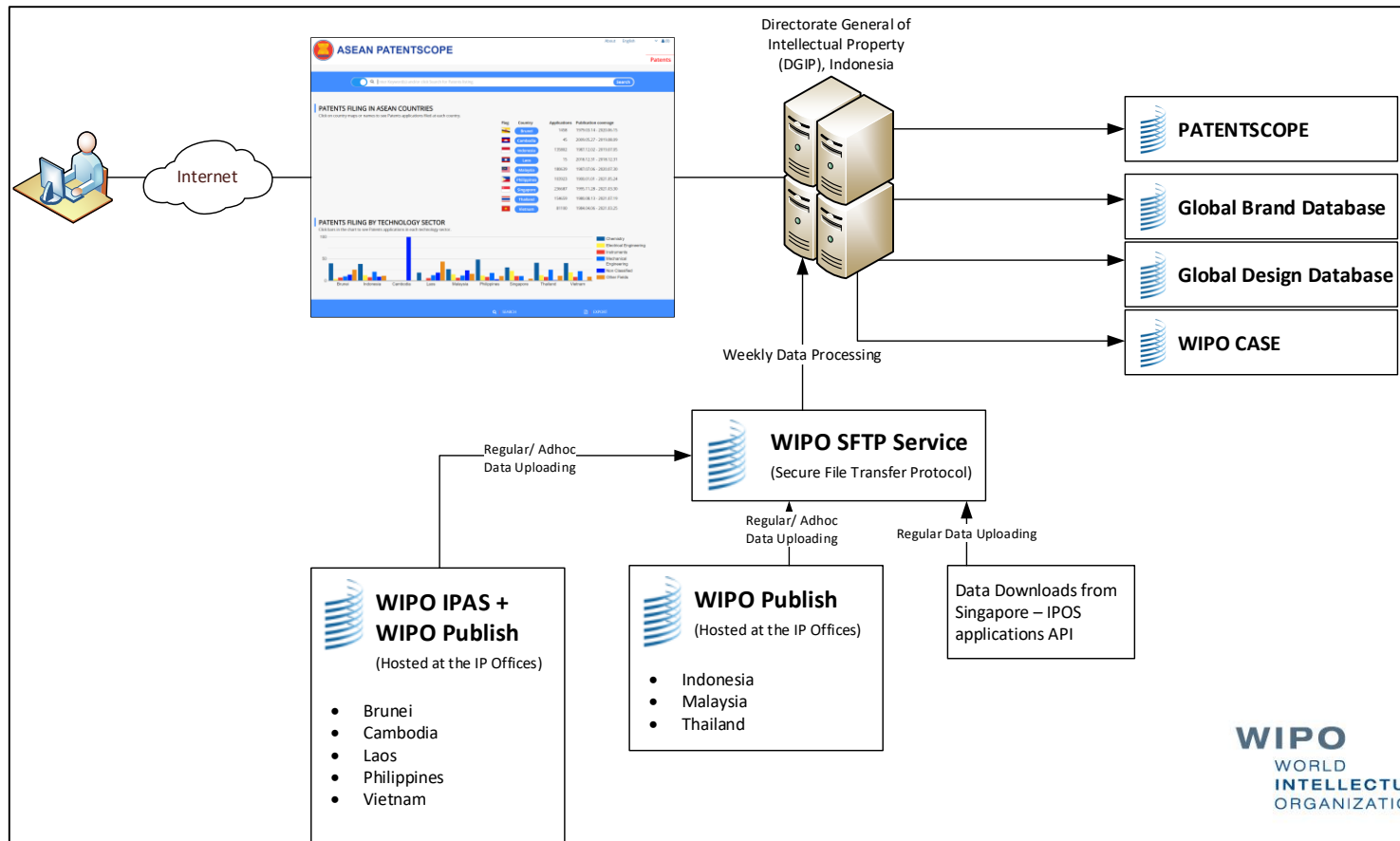
- 6 ASEAN IP offices are using **WIPO IPAS** as IP Administration back office system, and provide online searchable IP database service using **WIPO Publish**. Examples:
 - Laos: <http://online.dip.gov.la/ipsearch>
 - Vietnam: <http://wipopublish.noip.gov.vn/>

- In Asia, Cambodia, Mongolia, Myanmar offices are using **WIPO File** to provide online filing service.

WIPO IP Office Suite

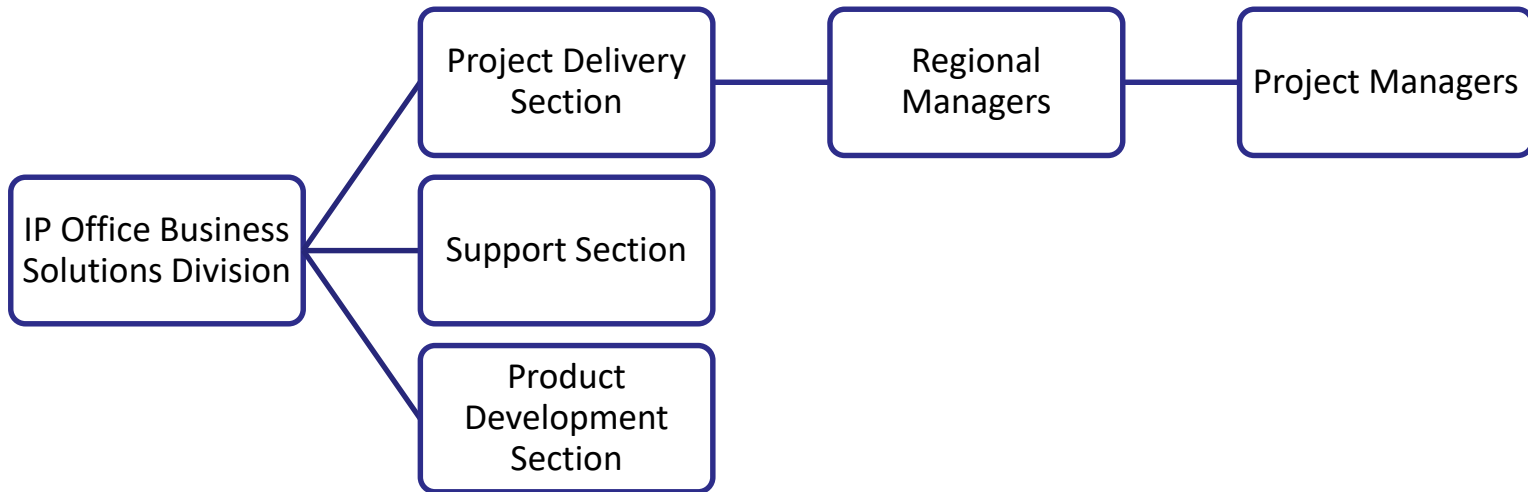
- **WIPO Publish** is used for ASEAN IP data exchange with ASEAN regional databases, WIPO Global Databases.

Data flow diagram of ASEAN PATENTSCOPE <http://ipsearch.aseanip.org/wopublish-search>

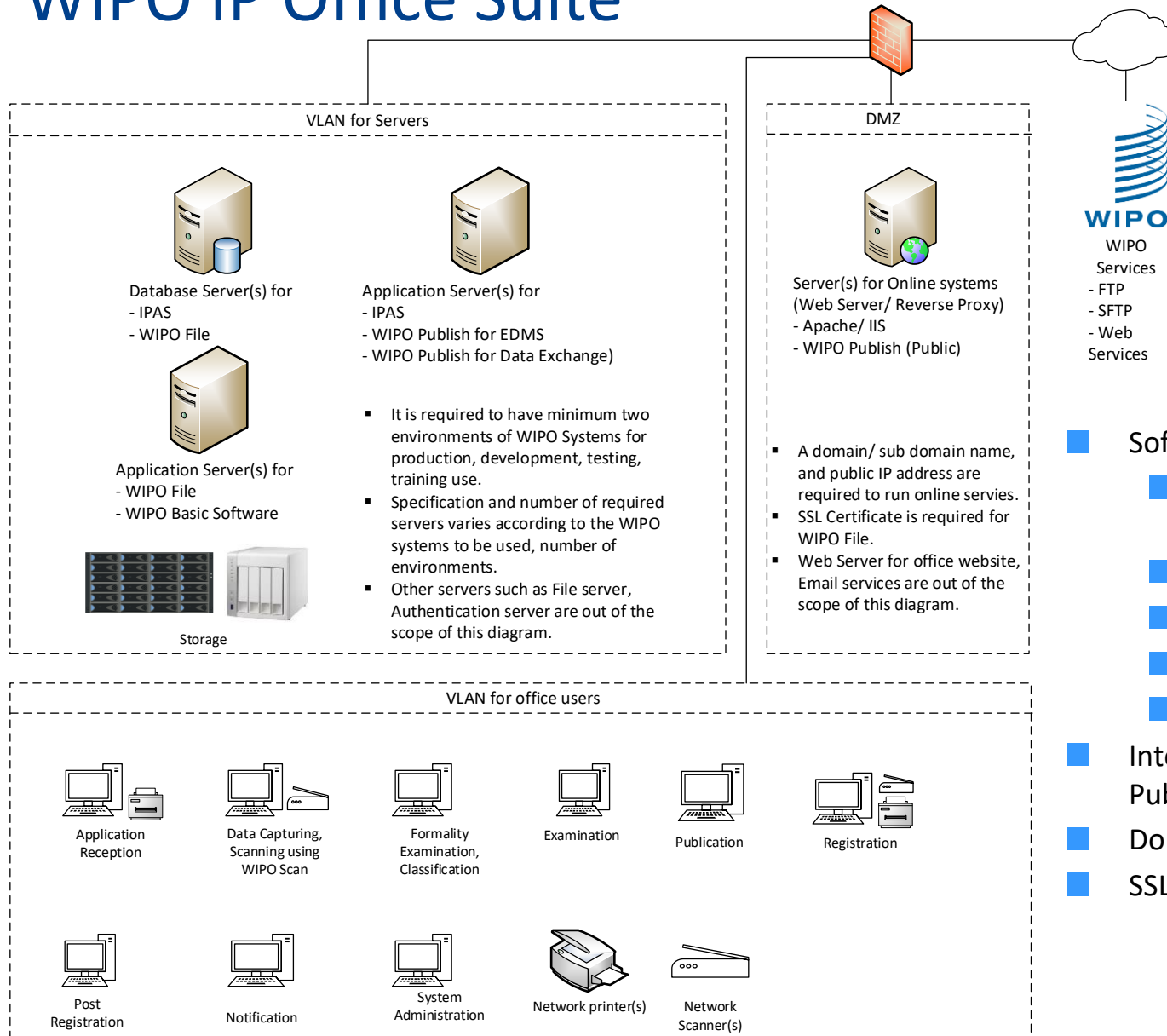


WIPO IPOBSD Service Delivery

- Under the framework of WIPO – National IP Office Cooperation Agreement for the Development of Intellectual Property Office Business Services



Typical IT Infrastructure for on premise WIPO IP Office Suite



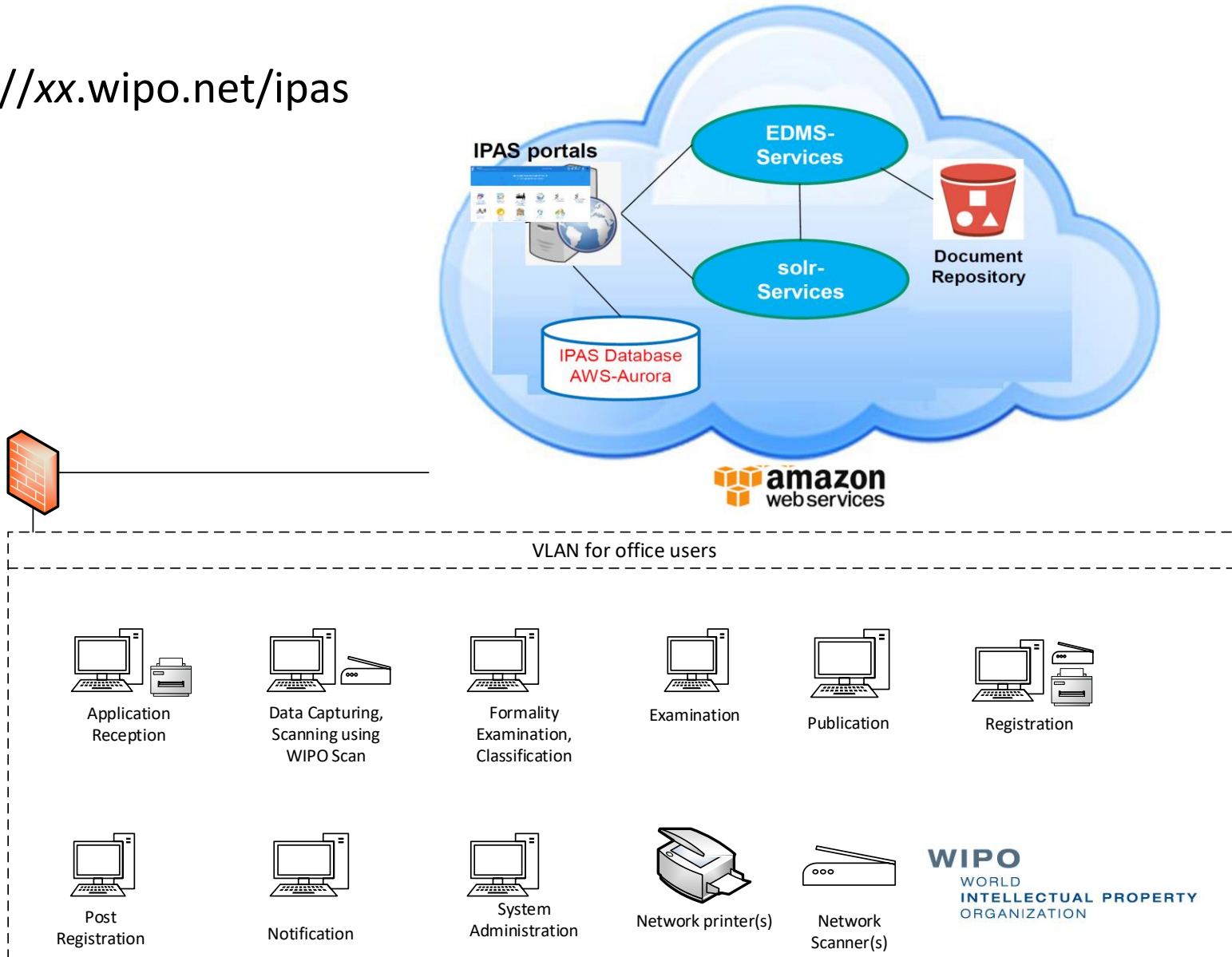
- Software Licenses
 - Server Operating Systems
 - Database servers
 - Backup software
 - Anti-virus
 - etc.
- Internet connection with Public IP Address
- Domain Name
- SSL Certificate

Key Challenges with On-Premise Systems

- Human Resource
- Infrastructure Upfront and Upgrades Cost
- Software Development/ Maintenance/ License Cost
- Data Security

Cloud-Hosted WIPO IP Office Suite

■ <https://xx.wipo.net/ipas>



Cloud-Hosted WIPO IP Office Suite

- Software as a Service (SaaS)

Example: <https://bt.wipo.net/ipas>

- IP Offices officials can focus and customize business processes, workflows, and templates using IPAS Designer software.
- WIPO team will manage necessary IT administrations including
 - Regular Data backup
 - Software maintenance and updates
- WIPO team will provide Training and Support.

Benefits for IP Offices

- Human Resource – IP Office officials will work on business processes, workflows, and templates instead of IT administration
- No infrastructure upfront and upgrades cost for Cloud-Hosted WIPO IP Office Suite
- No software license cost for Cloud-Hosted WIPO IP Office Suite
- Data backup – regular backup within the cloud environment

Cloud-Hosted WIPO IP Office Suite - Feature Improvements

	IPAS 3.x	IPAS 4/ Cloud
Fees Calculation	Not supported	Supported
Digitization, data capturing	Supported	Improved with integrated Digitization module, and quality control workflow support.
Work Distribution	Supported	Improved
Trademark Search and Examination	Supported	Improved
Patent Search and examination	Limited national database search on bibliographic data	Improved - integration of WIPO PatentScope and WIPO CASE
Industrial Design Search and Examination	Limited national database search on bibliographic data	Limited national database search on bibliographic data
Search History	Not supported	Supported

Cloud-Hosted WIPO IP Office Suite - Feature Improvements

	IPAS (version 3.x)	IPAS 4/ Cloud
Examination Checklist	Not supported	Supported
Paperless Office Document	Limited support	Default
Access to digitized documents	Supported	Improved user interface
Standardized Legal Status	Not supported	Support WIPO ST.27
Work from Home	Supported	Possible
User Interface	“Too many windows”	Single Window
API Access	Supported	Improved

IPAS Cloud – User Interface and Features

User Roles and Permissions based Home screen

The screenshot displays the WIPO IP Office Suite home screen. The header includes the WIPO logo, a search bar, and user information for Daniel (Test). The main content area is a grid of modules, each with an icon and a list of sub-features.

Module	Sub-Features
Pending Tasks	Pending Requests, Physical Deliveries
Register View	Stakeholders, Email Register
New Reception	Pending Reception, Dashboard Configurations
Pending Publication	Notifications
WIPO PCT	RO Dashboard
Transactions	Bank Details
WIPO MADRID	Do Dashboard Configurations
Pending Data Capture	Pending Document Capture, Pending Daily Logs
Annuities	Renewals, Performance Statistics
System Configuration	Fee Configuration, Mailmerge Configuration
Health Check	Job Scheduler, System Logs, User Management

IPAS Cloud – User Interface and Features

- Receiving module with fees calculations and batch reception

The screenshot displays the WIPO IPAS Cloud interface for the receiving module. The top navigation bar includes the WIPO logo, search functionality, and user information (Kyaw). The main interface features a navigation menu with options like 'New Batch', 'Print invoice', 'Payment', 'Receive', and 'Print Receipts'. The current batch is identified as 'Batch: BT-RBN-2022-30' with 'Fees/Receipts [3]'. The 'Filing Type' is set to 'userdocuments' and the 'ID Abandonment' status is selected. A table lists 'Affected File(s)' with one entry: 'BT-D-2022-11 [2022-06-01]'. A 'Notes' section is present below the table. A 'Supporting Documents List' section shows 'No records found.' with filters for '\$Discount' and 'Mandatory Documents'. A summary table on the right lists items with their respective amounts and actions:

Item	Amount	Actions
Fee Summary	0.00	[Edit] [Delete] [Share]
ID Abandonment	0.00	[Edit] [Delete] [Share]
Industrial Design	2600.00	[Edit] [Delete] [Share]
Patent	8000.00	[Edit] [Delete] [Share]
Total Amount	Nu. 10,600.00	

At the bottom, there are 'Save' and 'Close' buttons.

IPAS Cloud – User Interface and Features

■ Integrated Digitization module

The screenshot displays the IPAS Cloud interface for the Integrated Digitization module. At the top, the WIPO logo and 'WORLD INTELLECTUAL PROPERTY ORGANIZATION' are visible. A search bar contains 'Search on IPAS'. The interface shows a batch of documents with the following details:

- BatchID: Batch1655482872130
- 1/2 (Navigation)
- Total Batch Pages: 22
- Indexed documents: 0
- Bookmarked documents: 0
- View Mode: Manual Indexation View

On the left sidebar, there are buttons for 'Merge', 'Split', and 'Delete'. Below these are two document thumbnails labeled '1' and '2', each with an information icon (i). The main document view shows a page of text with a large paragraph and a reference to the British Journal of Urology. The text includes:

Настоящее изобретение касается фармацевтических препаратов эстранустинофосфата для парентерального применения и, более конкретно, препаратов эстранустинофосфата для парентерального применения, включающих также сульфоланомные эфиры циклодекстринов.

Эстранустинофосфат (The Merck Index, XII Ed., No 3749, 1996) представляет собой эстранил-17β-фосфат, широко известный в данной области как трифосфатный агент, используемый в настоящее время при лечении прогрессирующей аденокарциномы предстательной железы. Лекарство обычно принимают перорально, предпочтительно в дозе 10-15 мг/кг/день. Однако в некоторых конкретных случаях выбирают также внутривенное введение.

Например, сообщается о первоначальном внутривенном введении эстранустинофосфата с последующим пероральным приемом в дозировках, соответствующих пероральному приему лекарства, т.е. 300-600 мг в день внутривенно, и обычно повторяя введение в течение нескольких последовательных дней (см. для сравнения British Journal of Urology, 1977, 49, 73-79; J. Urol.

At the bottom right, there are 'Save Batch' and 'Cancel' buttons.

IPAS Cloud – User Interface and Features

Bibliographic Data Capture module

Edit File Biblio

Show all

- Filing Details
- Owners
- Supporting Documents
- Mark Feature
- Representatives
- Publication Details
- Nice Classification
- Priorities

Filing Details

Receiving Office
Branch Office [B]

External Receiving Office

Application Type
Certification & Collective [CM]

Law code
2015 Trademark Law

Registration Number

International Registration Number

Expiration Date

Reception Date
01/09/2020

External Reception Date

Application SubType
Certification [CE]

Notes

Date of grant

Filing Date
01/09/2020



Entitlement Date

Edit File Biblio

Show all

- Filing Details
- Owners
- Supporting Documents
- Mark Feature
- Representatives
- Publication Details
- Nice Classification
- Priorities

Representatives

#	Name	Agent Code	Type	Email	Legal ID	Is Service	Actions
1	Pulkit		Agent	pulkit@gmail.com		<input type="checkbox"/>	 

PERSON DETAILS

Person Name
test

Other Name
test, Poland, Poland, ,
test, Poland, Poland, ,

Nationality Country
 Is Company

Company Number

Registration Date

Legal Nature

Legal ID Number

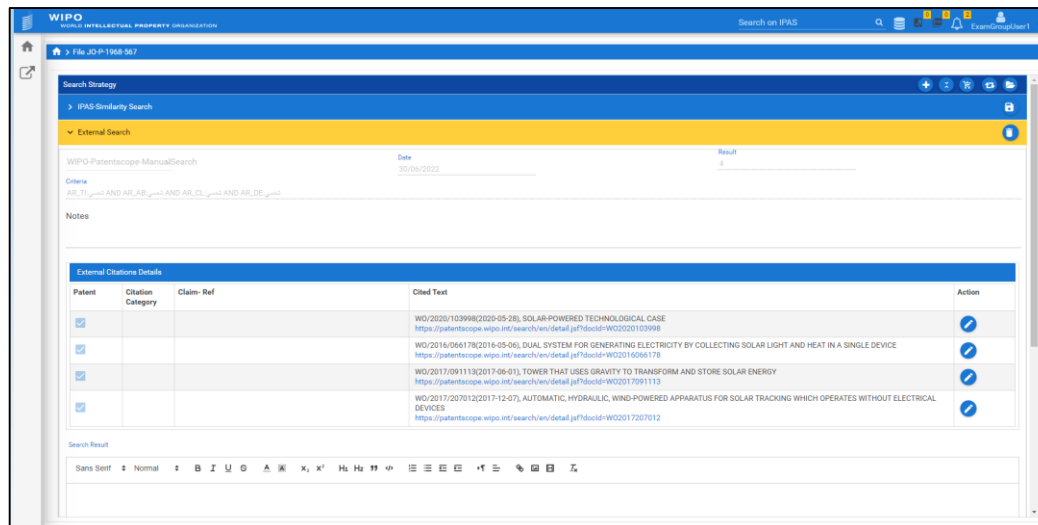
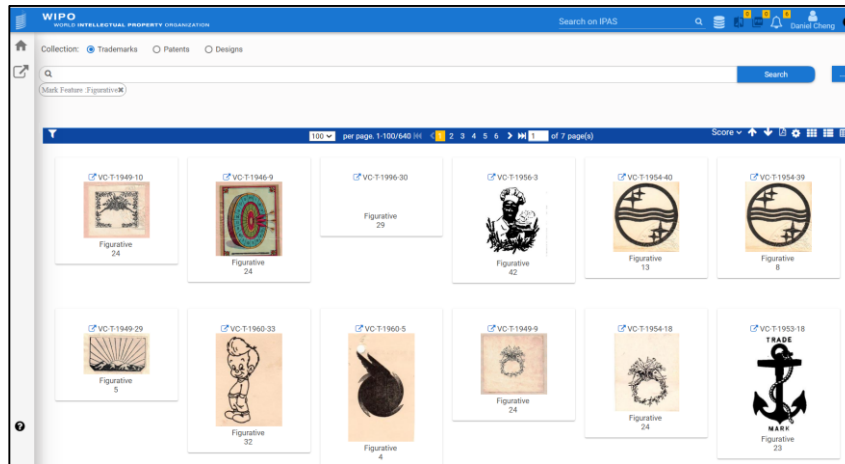
Legal ID Type

Individual ID Number

Individual ID Type

IPAS Cloud – User Interface and Features

- Pre-configured Similarity Search
- Custom and External Search



IPAS Cloud – User Interface and Features

Improved User Interface

The screenshot displays the IPAS Cloud user interface. On the left, a sidebar shows the 'File History' for 'File VC-T-2022-33'. The table below lists the history entries:

Description	Date	Action By	Notes	Action
National Mark	2022-02-03 08:00:00	Daniel Cheng	Received	
TM Acknowledge Reception	2022-02-18 16:51:13	Daniel Cheng	TM Formality C	
TM Formality Notification	2022-02-18 16:51:33	Daniel Cheng	TM Formality L	
▼ TM Filing Requirements [VC-2]			Authorised	
TM Filing Requirements			Received	
Approve	2022-02-18 16:55:00	Daniel Cheng	OD authorised	
E-Sign	2022-02-18 16:55:11	Daniel Cheng	OD digitally sig	

Below the table are buttons for 'ADD ACTION' and 'ADD FILE ACTION'.

On the right, a document viewer displays a notice from the Commerce and Intellectual Property Office. The document is titled 'NOTICE OF FAILURE TO MEET MINIMUM FILING REQUIREMENTS' under 'TRADE MARKS ACT, CAP. 315 (Regulation 7)'. It includes a table with the following data:

DD	Mark Text: «app_name» Class(es): «app_nice_classes» Application no.: 33/2022 Date of Filing : 03/02/2022 Applicant: Dan

The notice text reads: 'Dear Sir/Madam, The above-mentioned application fails to comply with the Trade Marks Act, CAP 315 and Regulations in regard to the minimum requirements to which applications for registration shall conform. Before the application can be accorded a filing date, it must meet the following requirement: • The application must be accompanied by an Authorisation of Agent in Form 2. The application is required to meet the above mentioned requirement within three (3) months from the date of this notice. Failure to do so within the said period will result in the application being regarded as never having been filed. Yours sincerely, Lekeicha Caesar-Toney Registrar'.

IPAS Cloud – User Interface and Features

- Business Process Status View
- Checklist

The screenshot displays the WIPO IPAS Cloud interface for a trademark application. The top navigation bar includes the WIPO logo, a search bar, and the user name 'Daniel (Test)'. The main content area is divided into two panels:

Business Checklist Panel:

- Business Process:** Capture - Formality
- 1 Examination guidelines:**
 - 1.1 Is the application for registration made on the specified form for Mark Series Form XX?**
 - 1.1.1 Yes
 - 1.1.2 No
 - Legal Background:** Please insert the legal background...
 - Overcome Action:** Please insert the overcome actions...
 - Comments:** (Empty text area)
 - Comment Table:**

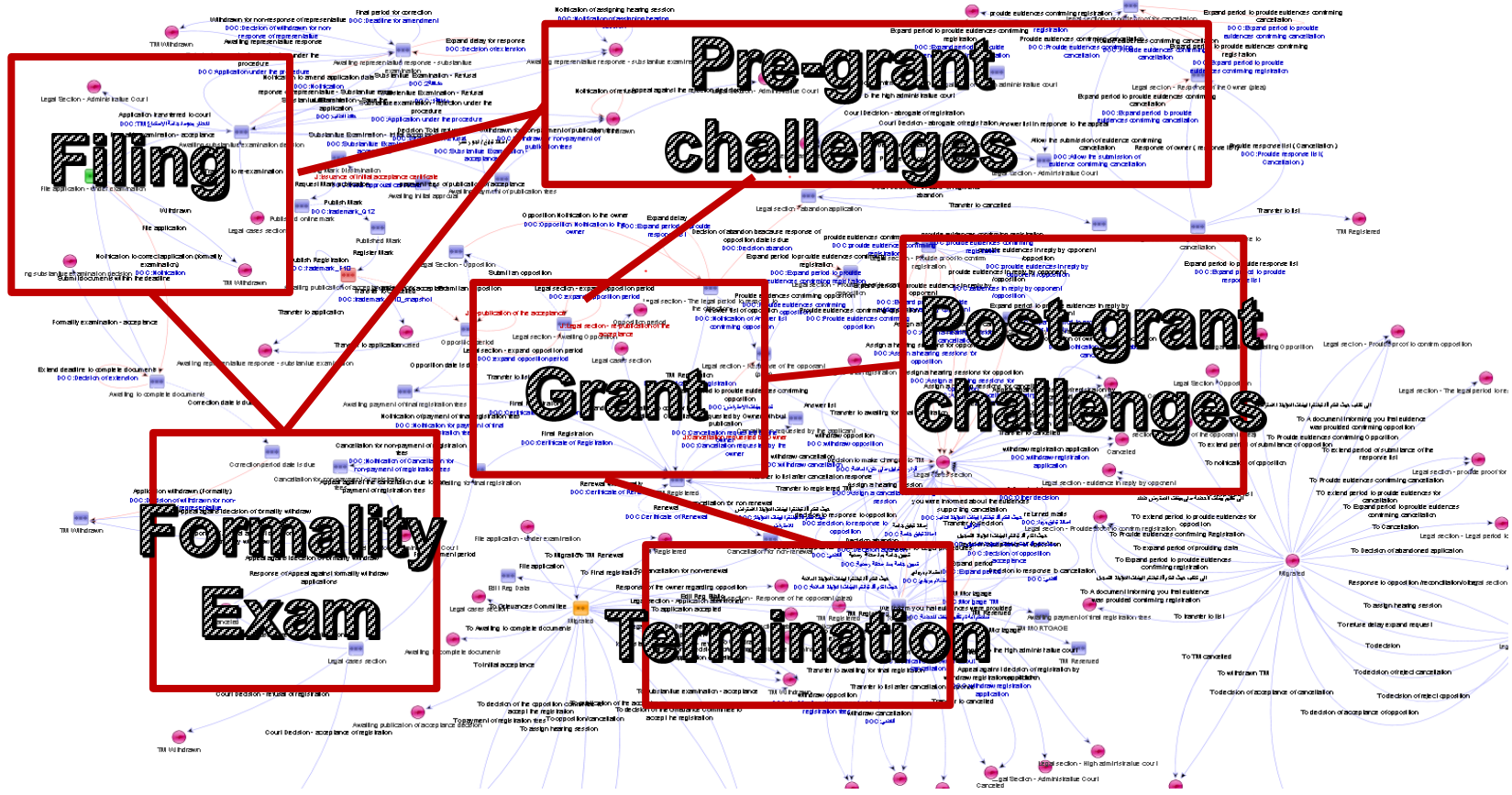
Comment	Date	Author
No records found.		
 - 1.2 Does the series consist of no more than 4 trade marks?**
 - 1.2.1 Yes
 - 1.2.2 No
 - Legal Background:** Please insert the legal background...
 - Overcome Action:** Please insert the overcome actions...
 - Comments:** (Empty text area)

Bibliographic Data Panel:

- Process Flow:** Filed 0 → Capture - Form... → Publish 0 → Pre-grant Chall... → Grant 0 → Post-grant Ch...
- 540 Logo:**
 - Image:**
 - Color:** (Empty field)
 - Mark Name:** [ciclo Loco/]
 - Mark Feature:** Combined
 - Transliteration:** (Empty field)
 - Colour Description:** (Empty field)
 - Disclaimer:** (Empty field)
- 100 Registration Number & Date:**
 - Renewal Start Date:** (Empty field)
 - Entitlement Date:** (Empty field)
 - Expiration Date:** (Empty field)
- 200 File Number & Date:**
 - File Number & Date:** JO-T-1-133052 (2017-02-23)
 - Application Type / Subtype:** (Empty field)
 - External Office (Date) / System Id:** (Empty field)
 - Validation User (Date):** JOIPASTM (2017-02-23)
 - Law Code:** قانون العلامات التجارية
 - Reception User (Date):** (Empty field)
 - Current workflow Status:** Publish
 - Process Result type:** Pending
 - Custom Fields:** [تاريخ الإصدار : رقم الإصدار : 0]
- 300 Priority Application:** (Empty field)

IPAS Cloud – User Interface and Features

Business Process Grouping and mapping to WIPO ST.27



IPAS Cloud – User Interface and Features

Access to WIPO CASE for Patent Examiners

The screenshot displays the IPAS Cloud interface for a patent family. The top section shows a timeline view of the patent family, with various national and international filings plotted from February 2019 to March 2021. The bottom section shows a list of documents associated with the patent family, including an abstract, affidavits, claims, and various office actions.

WIPO WORLD INTELLECTUAL PROPERTY ORGANIZATION

Search on IPAS

File JO-P-2020-10 > Timeline

View By
 Publication Application

MY PI 2020001325
 JO P/2020/0010
 US 20190083446
 CA 3070336
 WO 19/053657
 IL 273213
 CR 20200133
 CN 111163756
 AU 2018332212
 NZ 761659
 EC SP20022313
 EP 3681473
 KR 1020200053476
 CO 20200002985
 VN 1/072009
 BR 112020003095
 CL 202000665
 US 20200390738
 CU 2020000019
 DO P2020000056
 PE 2020-1281
 JP 2020533321
 PH 1/2020/550029

Feb 2019 Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan 2020 Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan 2021 Feb Mar

WIPO WORLD INTELLECTUAL PROPERTY ORGANIZATION

Search on IPAS

File JO-P-2020-10 > Family View > US17008913

Documents

Document name	Document Category	Date	Page/Size	Action
Abstract	Specifications and Incoming Documents	2020-09-01		
Affidavit-traversing rejections or objections rule 132	Outgoing Documents (Office actions)	2020-09-01		
Claims	Specifications and Incoming Documents	2020-09-01		
Electronic Filing System(EFS) Acknowledgment Receipt	Outgoing Documents (Office actions)	2020-09-01		
Fee Worksheet (SB06)	Outgoing Documents (Office actions)	2020-09-01		
Power of Attorney	Specifications and Incoming Documents	2020-09-01		
Specification	Specifications and Incoming Documents	2020-09-01		
Claims Worksheet (PTO-2022)	Outgoing Documents (Office actions)	2020-09-11		
Fee Worksheet (SB06)	Outgoing Documents (Office actions)	2020-09-11		
Filing Receipt	Outgoing Documents (Office actions)	2020-09-11		

Viewing 1-10 of 37 records

> Bibliographic data
> Citation Data

17008913 1 / 6 65% +

SIN001US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
 Augusto Milderst et al. Customer No.: 140619
 Application No.: 16/131,174 Confirmation No.: 6834
 Filing Date: 09/14/2018 Art Unit: 1627
 For: Topical Formulations of Chloroprocaine and Methods of Using Same Examiner: McMillan, Kara R.

DECLARATION OF LAURENCE FERAILLE, PH.D.
 FILE # 3.1.132

- My name is FERAILLE Laurence.
- I received a PhD in Biological Sciences from University of Nice in 1999.
- I am currently the Scientific Manager at IRIS PHARMA.
- Iris Pharma has a commercial contractual relationship with Statistica, the owner of this application.
- I have been asked to summarize the pharmacokinetic and safety results obtained from a study sponsored by Statistica evaluating an ophthalmic 3% chloroprocaine HCl gel following a single topical administration in albino rabbits.
- I have also been asked to explain the unexpected nature of these results.
- The gel used in Statistica's study contained 3% (w/w) chloroprocaine hydrochloride, 1.09% (w/v) Natason® 2% HCl (Hydroxyethylcellulose), hydrochloric acid q.s. to pH 3.0-3.4, and water for injection q.s. to 100%.
- The study was conducted by instilling a 50 µl volume of gel into the right eye of 42 white albino rabbits (2-2.5kg), visually inspecting for irritation or toxicity through magnification, euthanizing the animal, extracting samples from the aqueous humor, cornea, and conjunctiva, and analyzing the samples for chloroprocaine content.
- The penetration of chloroprocaine into ocular tissues during the study was entirely unexpected. The penetration of chloroprocaine in many tissue samples was so unexpected that it exceeded the validated range of analytical techniques the investigators had developed to measure chloroprocaine concentrations.
- Due to these analytical limitations, the investigators had to extrapolate the results obtained from many of the samples to estimate the concentration of chloroprocaine.

PROPERTY

Cloud-Hosted WIPO IP Office Suite - Feature Improvements

	WIPO File (version 2.x)	WIPO File Cloud
Fees Calculation	Supported	Improved
Online Submission	Submit and pay for each application/ request	Submit and pay multiple applications/ request in one batch
Online Payment	Supported; requires development of interfacing module	Supported; requires development of interfacing module
Post-Filing Request	Common web form with limited data fields for post-filing requests	Separated web forms with relevant data fields for more post-filing requests
Online Notification	Supported	Improved with File History view
Tracking Application Status	Not supported	Supported
API Access	Not supported	Supported

WIPO File Cloud– User Interface and Features

WIPO File Application Form and Filing Dashboard

WIPO WORLD INTELLECTUAL PROPERTY ORGANIZATION

Item data is fully compliant with the form rules

Pay and Submit

Filing Type: trademarks Trademark

Show All Hide all and Show the First Component

- Filing Details
- Owners
- Supporting Documents
- Mark Feature
- Representatives
- Custom Fields
- Nice Classification
- Priorities

Nice Classification Reclassify + Add Class

Class	Description	Description In Other Lang	Action
31	مكسرات غير المعجونة	nuts unprocessed	

Validated | Wrongly Classified | Non Existent | Calculated Version

Save Close

Requests Summary

Add Item

Trademark 1060.00

Total Amount JOD 1,060.00

Currency Type دينار اردني

WIPO WORLD INTELLECTUAL PROPERTY ORGANIZATION

FILING DASHBOARD

New Online Filing Add File Filed on Paper

100 per page. 1-42/42 1 of 1 page(s)

File Id	Filing Date	Applicant File Reference	Status	Action Date	SubType	IP Owner	File Owner	Summary	Invoice Number	Receipt	Manage Sharing
E-E-2022-51	2022-07-11	-	*	2022-07-11	Online File Access	-	wipofileuser	1			
E-E-2022-50	2022-07-08	-	*	2022-07-08	Change of Owner/represent data	-	wipofileuser	1			
E-E-2022-49	2022-07-07	-	*	2022-07-07	Change of owner address	-	wipofileuser	1			
E-E-2022-48	2022-07-07	-	*	2022-07-07	Online File Access	-	wipofileuser	1			
E-E-2022-47	2022-07-07	-	*	2022-07-07	Online File Access	-	wipofileuser	1			

WORLD INTELLECTUAL PROPERTY ORGANIZATION

Cloud-Hosted WIPO IP Office Suite

- National Office will be provided with different environment
 - Pre-prod environment – for migration/ new deployment use; enabled on demand or at scheduled time.
 - Acceptance environment – for Acceptance testing, training and support activities; enabled on demand or at scheduled time.
 - Production environment – production environment national office uses; available 24/7

Cloud-Hosted WIPO IP Office Suite

- Pilot Office – Migration in Progress
 - Bhutan – Patents and Industrial Designs

- Pilot Offices are identified counting on various considerations.

Thank you.