

IPAS DEPLOYMENT CASE STUDY – KENYA

Erick Ochieng, KIPI.

**WIPO Regional Training Workshop on Industrial Property
Administration System (IPAS) for African Member States**

ARIPO

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TOPICS

- KIPI OVERVIEW
- FUNCTIONS
- ORGANIZATIONAL STRUCTURE AND ICT SECTION
- PRODUCTIVITY
- IP AUTOMATION AND HISTORY OF IPAS DEPLOYMENT
- RELATIONSHIP BETWEEN KENYA IP LAWS, IPAS BUSINESS PROCESSES AND IPAS WORKFLOWS
- AUTOMATION CHALLENGES AND OPPORTUNITES
- FUTURE PLANS

KIPI OVERVIEW

- Kenya Industrial Property Institute is a state corporation under Ministry of Industrialization and Enterprise Development.
- The Institute was established on 2nd May 2002 upon coming into force of the Industrial Property Act 2001.
- Previously the Institute existed as KIPO, which was established in February 1990 after enactment of the Industrial Property Act, CAP 509 of the Laws of Kenya.

VISION AND MISSION

Vision

Be a leader in the Promotion of Industrial Property for Wealth Creation.

Mission

To grant Industrial Property Rights and promote innovation for social and economic development.

Motto

Intellectual Property is Wealth; Akili ni Mali.

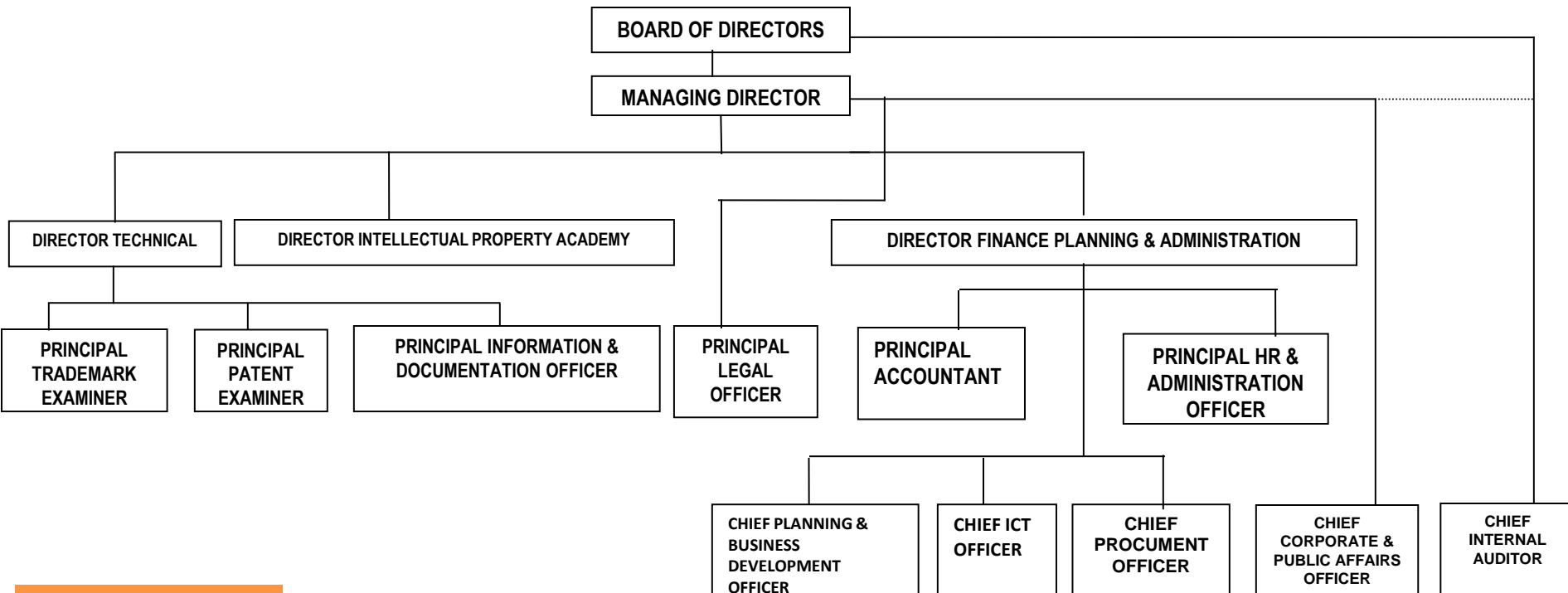
FUNCTIONS

The functions of the Institute are:-

- To consider applications for and grant Industrial Property rights;
- To screen technology transfer agreements and licences;
- To provide to the public Industrial Property information for technological and economic development;
- To promote inventiveness and innovativeness in Kenya; and
- To organize and conduct training, competitions and awards relating to Industrial Property matters.

ORGANIZATIONAL STRUCTURE

The Institute is a body corporate under the Ministry responsible for Industrial Property matters with a Board of Directors as the policy organ and the Managing Director is in charge of day to day operations. The current approved organizational structure is shown below;



STAFF : Female 41 , Male 48.
4 ICT STAFF

PRODUCTIVITY- TRADEMARK

SEARCH REQUESTS TRADEMARKS

Searches provides preliminary advice to applicants on whether or not the proposed trademark is registrable

YEAR	TOTAL
2011/2012	1410
2010/2011	1334
2009/2010	1514

NEW TRADE MARK APPLICATIONS RECEIVED

The no. of new trademark applications improved slightly from the 2010/11 period. The no. grew from 3,218 to 3,458, a difference of 240. Attributed to increased awareness among the public on the importance of registration.

YEAR	TOTAL APPLICATIONS RECEIVED
2011/2012	3458
2010/2011	3218
2009/2010	2774

PRODUCTIVITY

REGISTRATION OF NEW TRADE MARK APPLICATIONS

The no. of trade mark applications received and processed up to registration also increased drastically in the 2011/12 period. It shot from 2,530 in the previous year to 3,160.

YEAR	TOTAL APPLICATIONS REGISTERED
2011/2012	3160
2010/2011	2530
2009/2010	2401

THE TOP FOUR LEADING CLASSES

The top leading classes of registered trademarks.

NO.	CLASS	DESCRIPTION	NO. OF APPLICATIONS
1	5	Pharmaceutical preparations	2,198
2	9	Electrical apparatus and Instruments	1,280
3	1	Chemicals	1,121
4	35	Advertising, business management	1,077

PRODUCTIVITY

MADRID DESIGNATING KENYA

Statistics shows that both designations and applications originating from Kenya have been on a downward trend.

YEAR	REGISTRATIONS RECEIVED DESIGNATING KENYA
2011/2012	1370
2010/2011	1376
2009/2010	1440

MADRID ORIGINATING FROM KENYA

Madrid applications originating from Kenya on a downward trend.

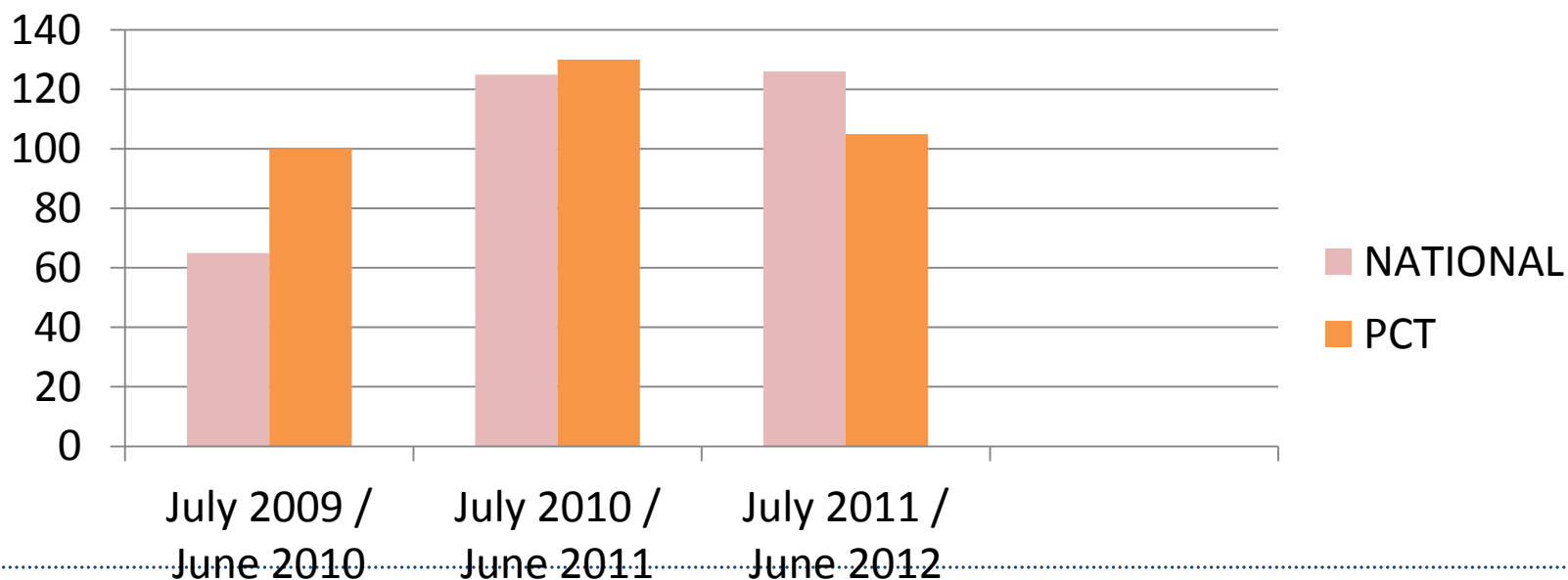
YEAR	REGISTRATIONS RECEIVED ORIGINATING FROM KENYA
2011/2012	4
2010/2011	7
2009/2010	11

PRODUCTIVITY- PATENT

PATENT APPLICATIONS

National Applications filed directly at the Institute and applications that entered the national phase under the Patent Cooperation Treaty (PCT).

YEAR	NATIONAL	PCT
July 2009 / June 2010	65	100
July 2010 / June 2011	125	130
July 2011 / June 2012	126	105



PRODUCTIVITY- PATENT

PATENT APPLICATIONS

Patent applications filed by country of origin

COUNTRY OF ORIGIN	NUMBER OF APPLICATIONS	% OF TOTAL APPLICATION
Kenya	118	51
France	27	12
Germany	25	11
USA	21	9
Japan	14	6
India	7	3
Finland	5	2
Other countries	14	6
TOTAL	231	100

Most active Patent applicants:

Sanofi-Aventis of France tops applicants with 22 applications representing 10% of all applications filed, followed by Bayer Schering Pharma of Germany with 12 applications and Takeda Pharmaceutical of Japan with 11 applications each, representing 5 % of all applications filed. The applicants are pharmaceutical companies.

PRODUCTIVITY

NUMBER OF REQUESTS FOR EXAMINATION

Selected data on Patent examination

	2009/2010	2010/2011	2011/2012
Number of requests for examination filed	14	30	31
Number of Patents granted	72	55	67

Patents Granted, National origin Vs Foreign origin

	2009/2010	2010/2011	2011/2012
National	6	9	0
PCT	66	46	67
TOTAL	72	55	67

Main technical areas of Patent applications

IPC CLASS	DESCRIPTION	No. OF APPLICATIONS
A61K	Preparations for medical, dental, or toilet purposes	60
A01N	Preservation of bodies of humans/animals/plants	8

PRODUCTIVITY – UTILITY MODEL

UTILITY MODEL APPLICATIONS

The development of filing statistics over the past 3 years

	NUMBER OF UTILITY MODEL APPLICATIONS
July 2011-June 2012	61
July 2010-June 2011	41
July 2009-June 2010	26

Utility Model registrations

	2009/2010	2010/2011	2011/2012
Number of Utility Models registered granted	4	3	0

Note:

All the applications were filed by Kenyan residents, largely individual applicants. The number of Utility models registrations is so low mainly because of poor drafting of the Utility Model applications.

PRODUCTIVITY – INDUSTRIAL DESIGN

INDUSTRIAL DESIGN APPLICATIONS

Industrial Design applications by origin

COUNTRY OF ORIGIN	NO. OF ID APPLICATIONS	% OF TOTAL
Kenya	98	89
Malaysia	5	5
China	1	1
United kingdom	2	2
USA	4	4
TOTAL	110	100

Industrial Design registrations

Industrial Design registrations are as follows;
Kenya 33, USA 3, UK 2, Brazil 1, Switzerland 1, Hong Kong 1.
Total of 41 were registered.

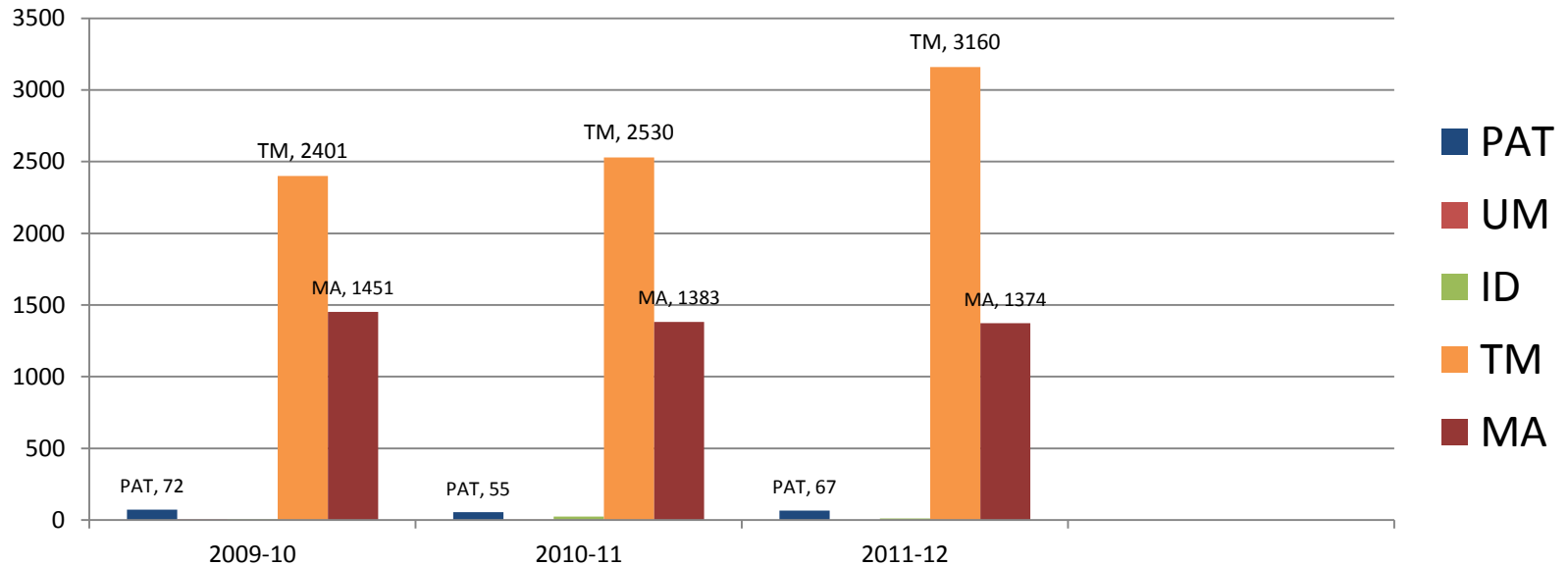
Note:

The main field of activity was in relation to bottles in Locarno class 09-01 (Bottles, flasks, pots, carboys, demijohns, and containers With dynamic dispensing means) where 27 applications were received representing 25%. Elgon Kenya was the most active applicant with 18 applications followed by Kip Melamine Co. Ltd with 10 applications

PRODUCTIVITY SUMMARY

SUMMARY OF REGISTERED APPLICATIONS

YEAR	PATENTS	UTILITY MODELS	INDUSTRIAL DESIGNS	TRADEMARKS	MADRID
2009-10	72	4	4	2401	1451
2010-11	55	3	25	2530	1383
2011-12	67	0	12	3160	1374
TOTAL	194	7	41	8091	4208



IPAS DEPLOYMENT AND AUTOMATION

IPAS: Industrial Property Administration System

IPAS donated by World Intellectual Property Organization (WIPO). Main aim of the system is automation and processing of Industrial Property rights in Kenya. Since inception the system has improved filing/registration processes, shortening time taken and providing an electronic register.

HISTORY OF IPAS DEPLOYMENT IN KENYA

WIPO has provided continuous assistance to KIPI

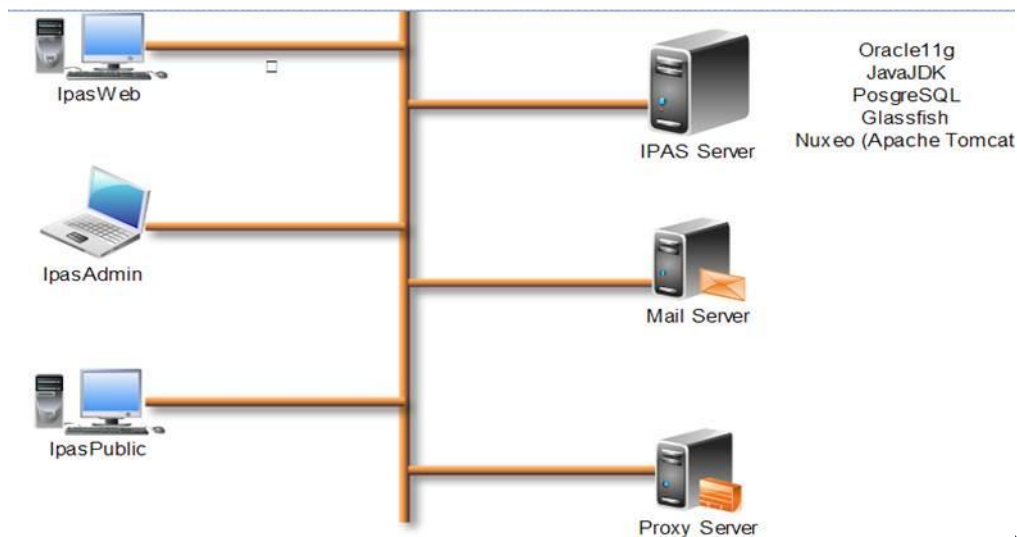
- From 2002 - **Regional Expert** based in Nairobi, Kenya, provided support to KIPI.
- November 2002 - Upgrade of KIPI's IT infrastructure and **installation** of Oracle Database Management Software, **purchase** four workstations with desktop software, one scanner, Oracle Database Management Software, donation of three workstations and three printers. Deployment of **IPAS** for Trademarks mission by three experts. **Training** of KIPI staff on the use and operation of the system.
- November 2003-Follow-up **mission** by one expert to ensure the system was functioning as planned.
- October 2004 - **Purchase** of one Server, Oracle Database Management Software, donation of two workstations with two, printers and two scanners. Deployment of the **IPAS** Patent System and the Madrid Module.
- May 2005 - Post deployment evaluation **mission** carried out by one WIPO staff
- December 2005 - Advanced **training** mission on the administration of the database by Regional Expert.
- February 2007 - Deployment new **release** of IPAS Madrid Module, mission undertaken by three experts
- **Donation** of two UPS (Uninterruptible Power Supply) units .
- February 2010 - **donated** two servers, one PC, One printer, one UPS and a photocopier. **Deployed** WIPOSCAN software to scan Kenya Patents Documents and upload them in the Patent Scope.

IPAS ARCHITECTURAL MODEL

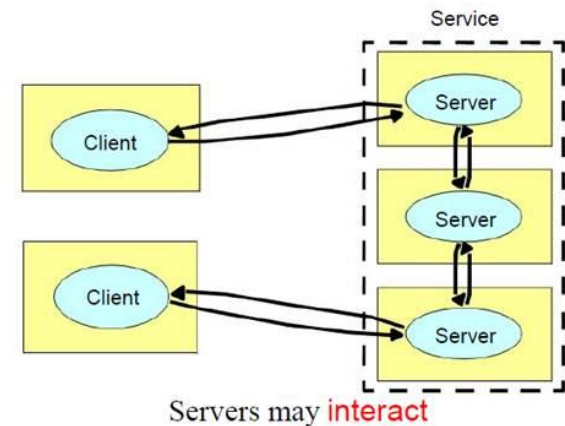
ARCHITECTURAL MODEL BASED ON DEPLOYMENT STRATEGY

KIPI - One Tier Architecture (Single-tier architecture)

All of the elements of application, including the interface, middleware and back-end data, in one place. Applications are installed and run on a single server. It is the simplest and most direct and these relates to the costs. Need for **distributed models** for Web applications and cloud hosting solutions has created many situations where one-tier architectures are not sufficient. That caused three-tier/multi-tier architecture to become more popular, they can provide better **security**, **better performance** and **more scalability**, as well as individual environments for **data centers** and **front-end applications**.

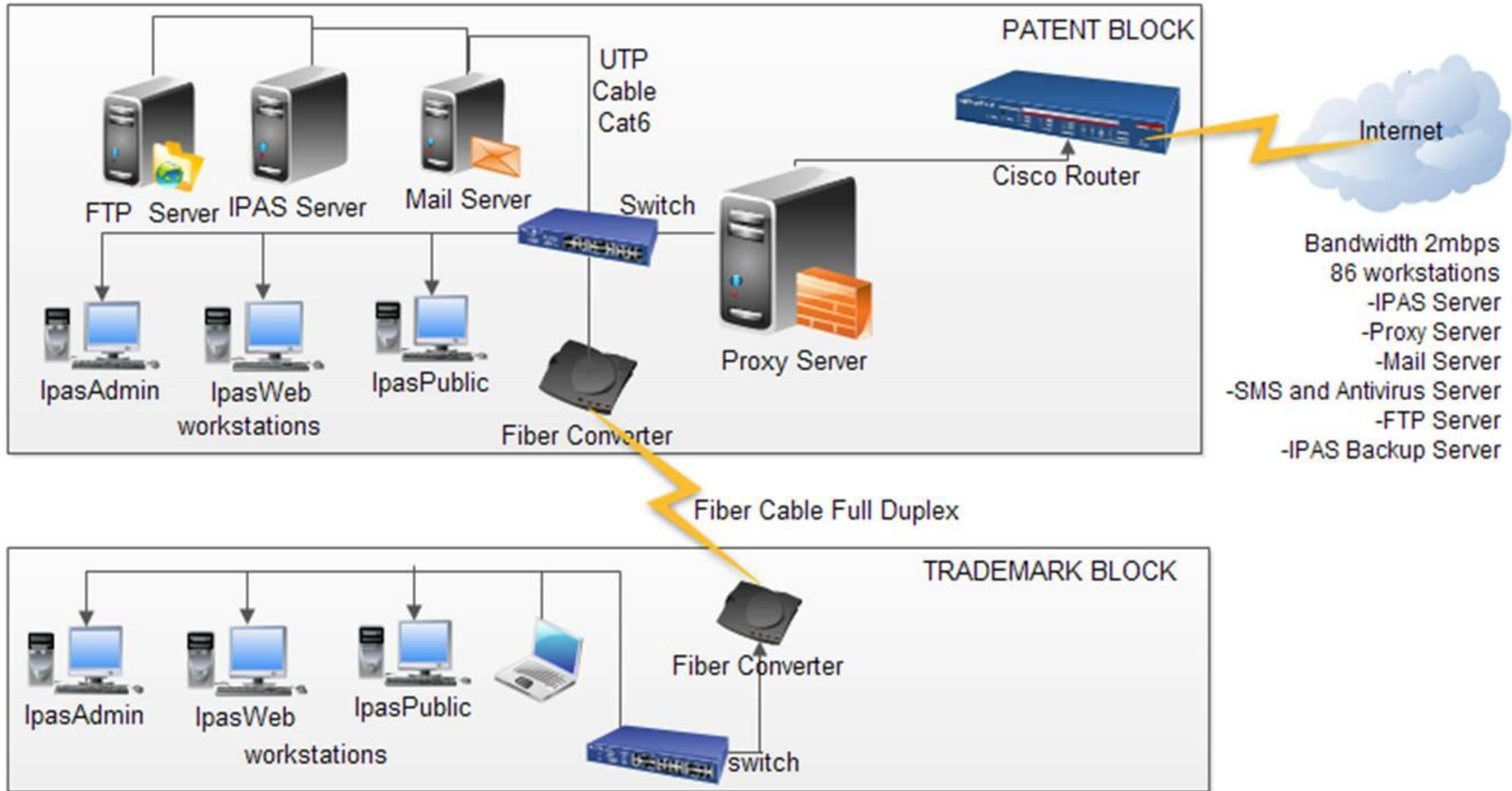


Multiple servers



LOCAL AREA NETWORK

KIPI - LAN



KENYA IP LAWS

INTELLECTUAL PROPERTY RIGHTS IN KENYA

Intellectual Property rights are conferred either by Act or common law. examples;

- Patents under the Industrial Property Act, 2001
- Trademarks under the Trade Marks Act, CAP 506
- Industrial Designs under the Industrial Property Act, 2001
- Utility models under the Industrial Property Act
- Technovations under the Industrial Property Act
- Geographical indications under the Trade Marks Act, soon Geographical Indications Act (still a bill)
- Copyright and related Rights under the Copyright Act, 2001
- The Anti-Counterfeit Act, 2008
- Plant Breeders Rights under the Seeds and Plant Varieties Act
- Traditional knowledge under the Constitution

THE TRADE MARKS ACT CAP 506

View trademark

Record 3/4

(219) Application Nbr MA/T/0001/058963
 Application type Trade Marks
 Sign type Both name and logo
 (541) Mark name DASANI

(540) Mark image



Colour description -

(526) Disclaimer REGISTRATION OF THIS MARK SHALL GIVE NO RIGHT TO THE EXCLUSIVE USE OF THE COLOURS BLUE, BLACK, GREEN AND PURPLE.

(512) Nice class(es)

Nbr	Status	Description
32	Registered	Beverages, namely, drinking waters, flavored waters, mineral and aerated waters; and other non-alcoholic beverages, namely, soft drinks, energy drinks and sports drinks; fruit drinks and juices; syrups, concentrates and powders for making beverages, namely flavoured waters, mineral and aerated waters, soft drinks, energy drinks, sports drinks, fruit drinks and juices.

(730) Owner(s)

Name	Id nbr	Street	City	State	ZIP	Country	Ownership notes
THE COCA-COLA COMPANY, a Delaware Corporation				One Coca-Cola Plaza, Atlanta, Georgia 30313		US	

(220) Filing date 04/04/2006 16:17:00
 Reception date 04/04/2006
 Status Expired (due date 04/04/2016)
 (400) Publication 30/06/2006 Journal: 0606
 (111) Registration Nbr 58963
 Registration date 05/09/2006
 Entitlement date 04/04/2006
 (141) Expiration date 04/04/2016

Implemented by KIPI, provides for trademarks; Act amended in 1994 to provide for offences (**LAW**) In order for a trade mark to be registrable, it must contain at least one of the following particulars - the name of a company/individual; an invented word or invented words; any other distinctive mark,

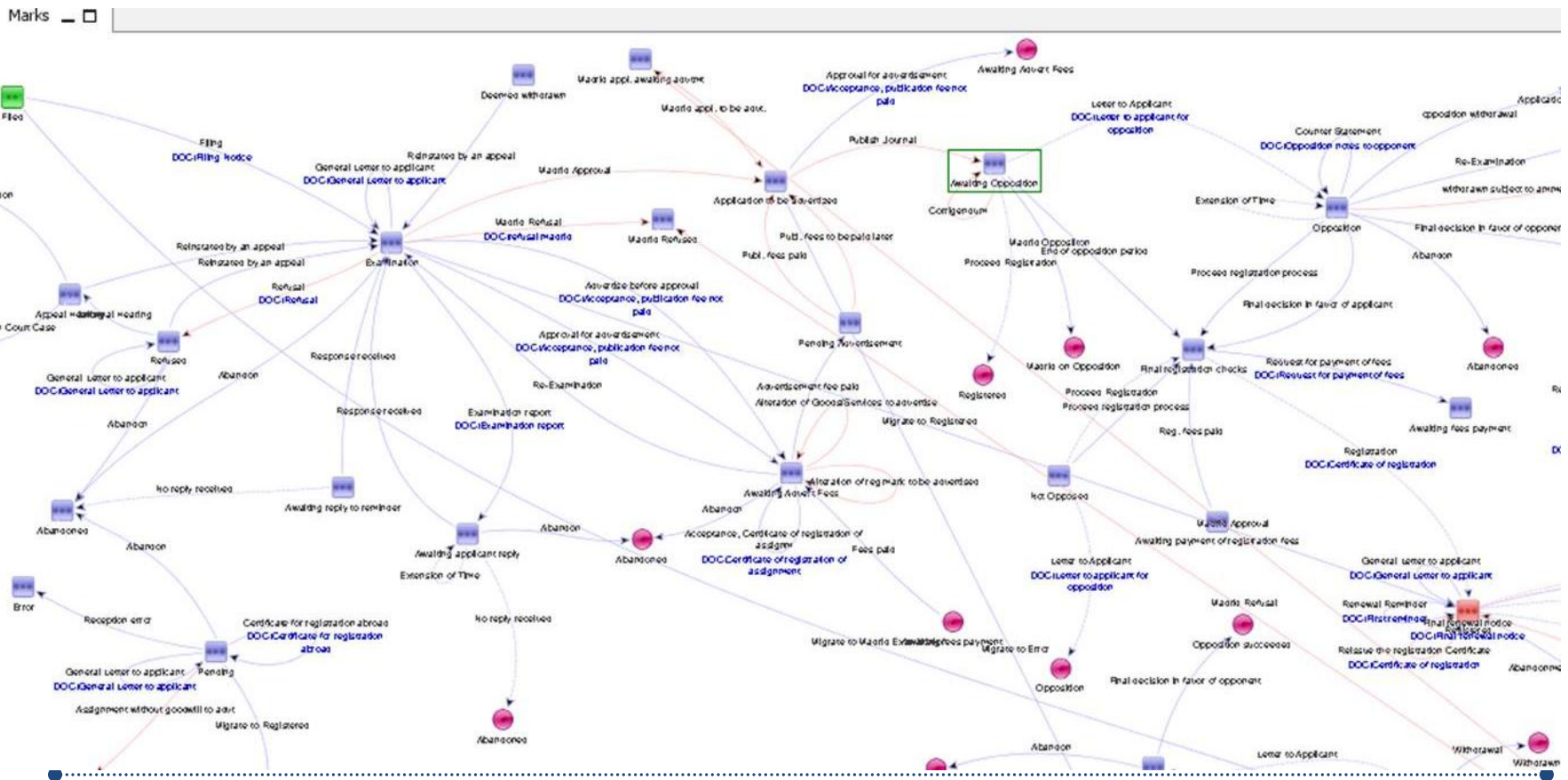
THE TRADE MARKS ACT CAP 506

Upon receipt of an application for registration of Industrial Designs or Trademarks, the Institute Acknowledge **receipt** of the application within 14 days from date of receipt.

Examine and send the examination report within 30 days from date of receipt.

Upon payment of **publication** fee, the application is published in the IP Journal within 45 days.

On expiry of 60 days from the date of publication, the certificate of **Registration** will be issued within 30 days.



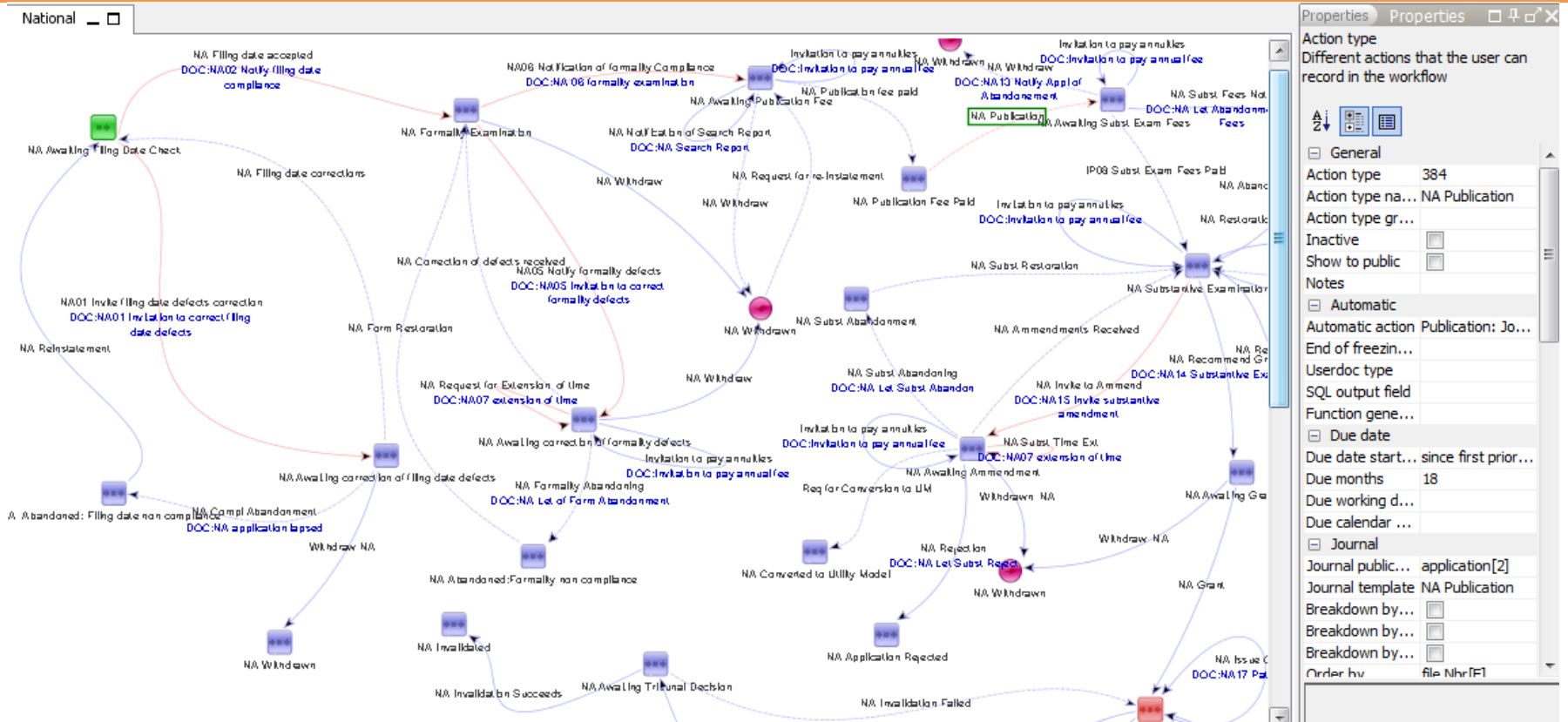
INDUSTRIAL PROPERTY ACT, 2001

Upon receipt of an application for grant/registration of a Patent or Utility Model, the Institute acknowledge **receipt** of the application within 14 days from the date of receipt. Send **formality examination** report within 30 days from the date of filing.

Upon payment of publication fee, and expiry of 18 months from the priority date or filing date where no priority is claimed, the application will be published within 45 days.

Upon payment of substantive examination fee and compliance with all statutory requirements, the examination report will be issued within 60 days but after publication of the application.

Upon payment of publication and grant fee, the certificate will be issued within 30 days and published within 45 days.



INDUSTRIAL PROPERTY ACT, 2001 (continued)

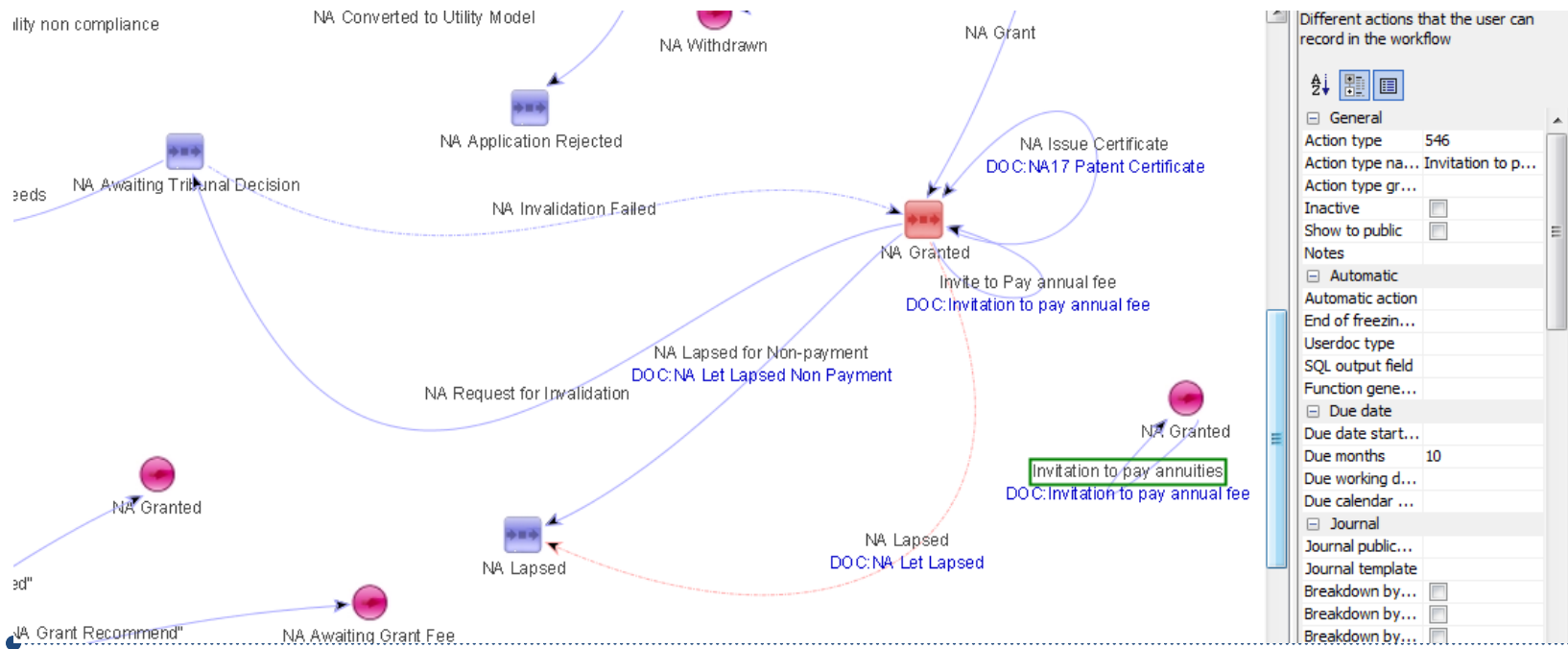
Patent expires at the end of 20 years from the filing date.

To maintain the patent, an **annual fee** is payable in **advance** to the Institute. Fee should be paid by submitting the fee along with Form IP 16.

Grace period of 6 months is granted for the payment of annual fees upon payment of a surcharge as may be prescribed from time to time.

If an annual fee is not paid, the application is deemed to be withdrawn or the patent **lapses** and the respective invention ceases to be protected.

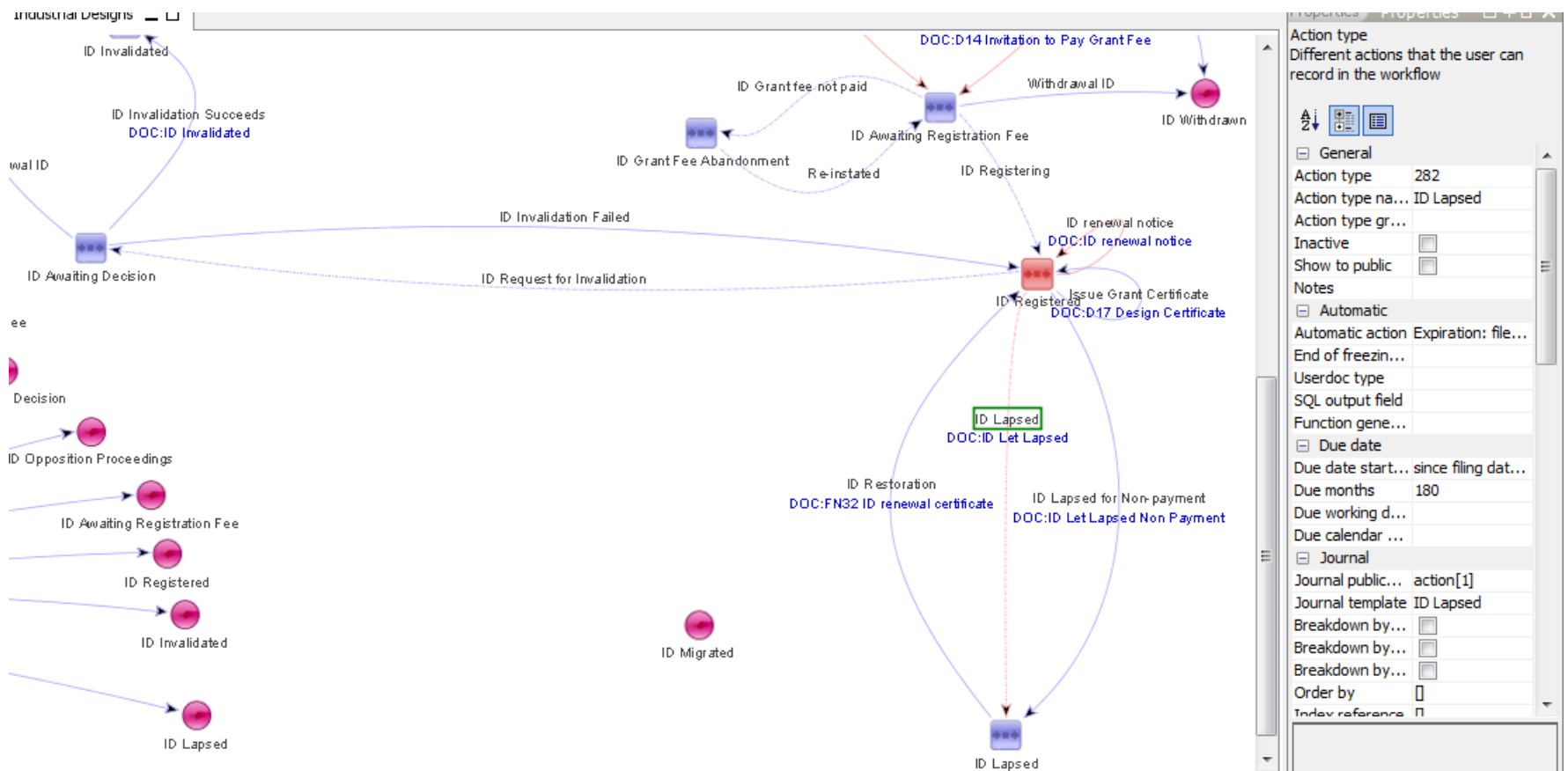
Restoration: Within six months from the expiration of the grace period referred to above, any interested person may, upon payment of the prescribed fee, request the Institute to restore an application that is deemed to have been withdrawn, or a patent that has lapsed. Where a patent is restored, no proceedings shall be brought in respect of the patent with respect to any acts performed after the lapse of the patent and before the date of the order for restoration;



INDUSTRIAL PROPERTY ACT, 2001 (continued)

ID expires at the end of 15 years from the filing date.

The duration of protection conferred by a certificate of registration for an industrial design is 5 years from the date of filing of the application for registration. However the registration may be renewed for two further consecutive periods of five years upon payment of a renewal fee. The fees for the renewal of registration of an industrial design must be paid within twelve months preceding expiration of the period of registration but a grace period of six months is allowed for the late payment of the renewal fees on payment of the surcharge. The application for a renewal of a registered industrial design should be in Form IP 32.



THE MADRID SYSTEM

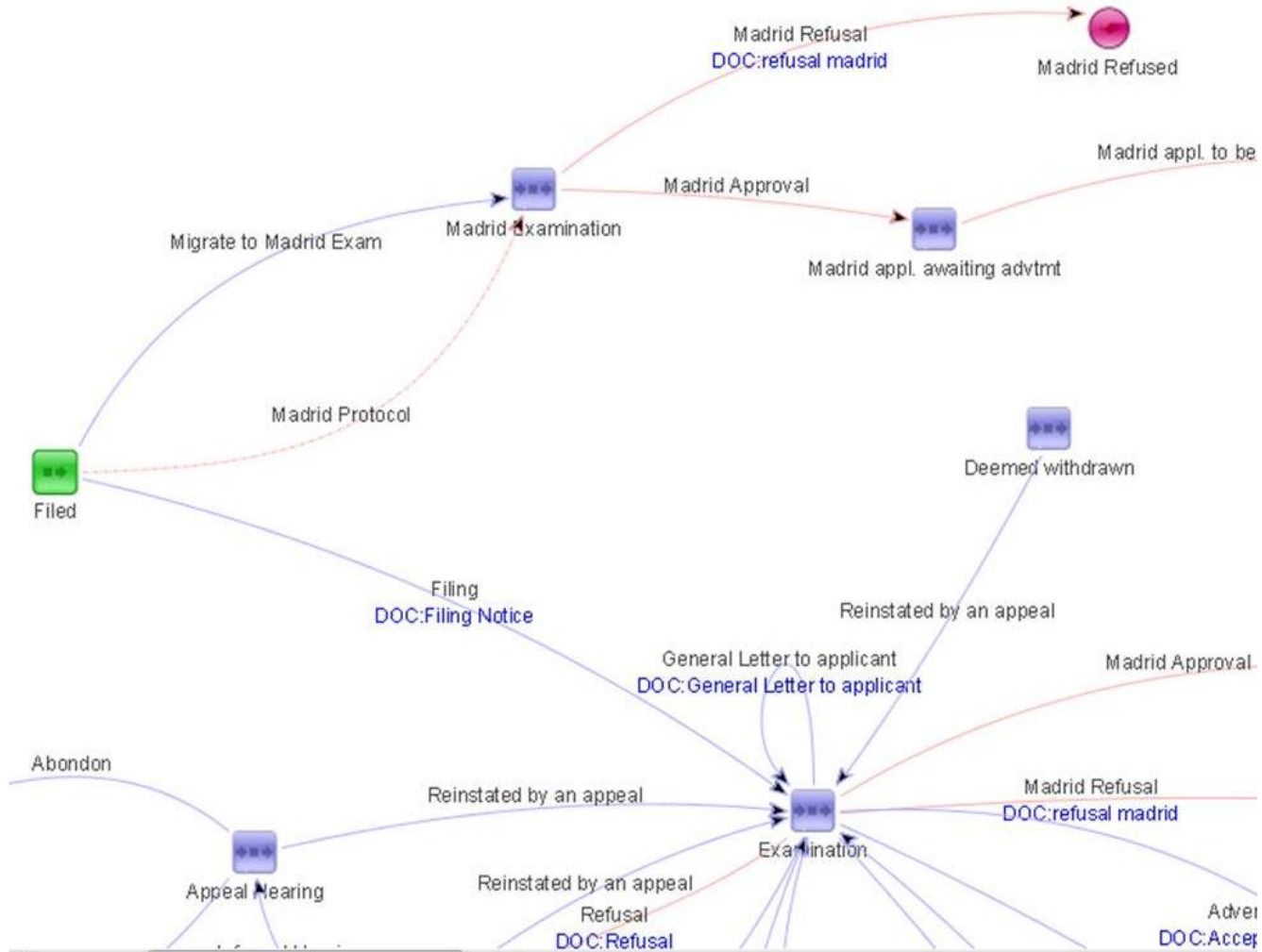
Is a system for the international registration of trademarks

Governed by 2 treaties, the Madrid Agreement and the Madrid Protocol

- Applicant files an international application with the IB of WIPO designating countries that are party to the treaties in which they want the mark to be protected
- The IB registers the mark and then passes it to the countries that have been designated
- The countries examine it as though it was an application filed with them direct and apply their normal national criteria accordingly
- If they refuse it, the refusal is notified to the IB and entered against the mark
- It means that you can obtain international registration, but whether or not it is protected in a given country is determined by that country

THE MADRID SYSTEM

The Madrid Agreement and the Madrid Protocol

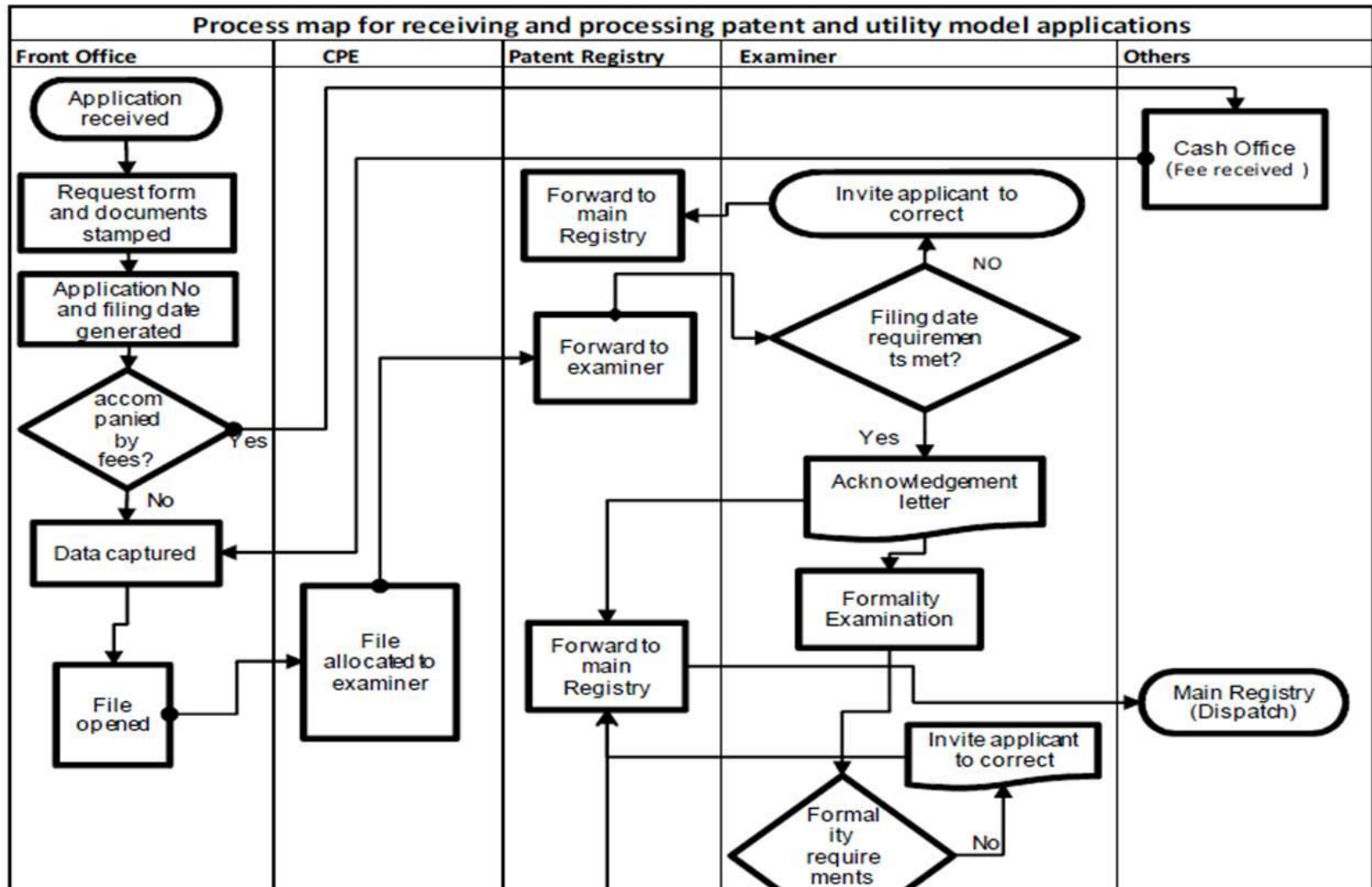


BUSINESS PROCESS AND WORKFLOWS AND THEIR RELATIONSHIP

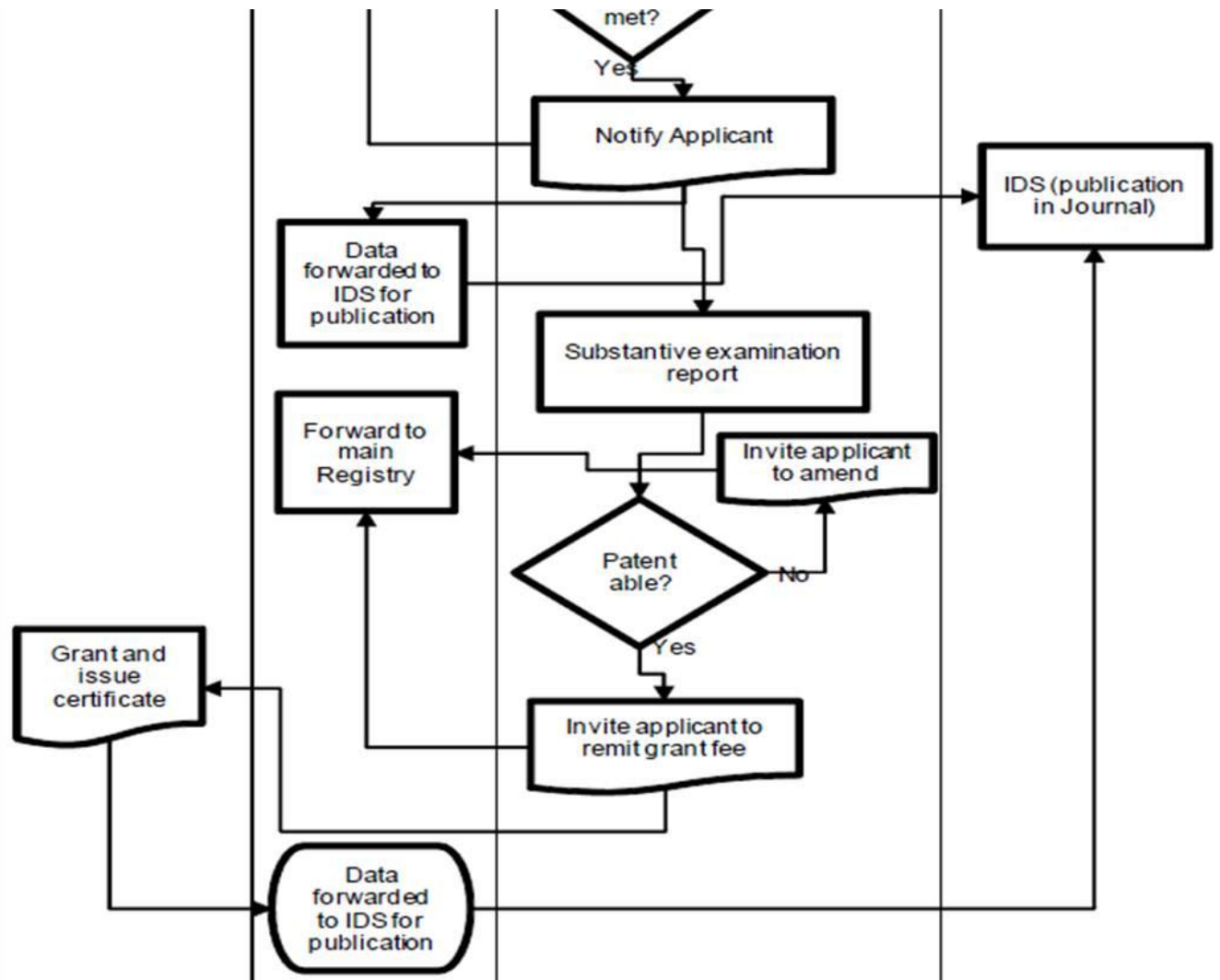
•.....●
Business Process/Business Method a collection of related, structured activities/tasks that produce a specific service or product for a particular customer(s). It often can be **visualized** with a flowchart/Process Matrix as a **sequence** of activities with relevant rules based on the data in the process.

Workflow, - an **abstraction** of real work, It is an automated movement of **documents** through a specific sequence of actions that are related to a business process. Workflows manages business processes by enabling organizations to **attach** business logic to documents or library. **Business logic** is basically a set of instructions that specifies and controls actions that happen to a document.

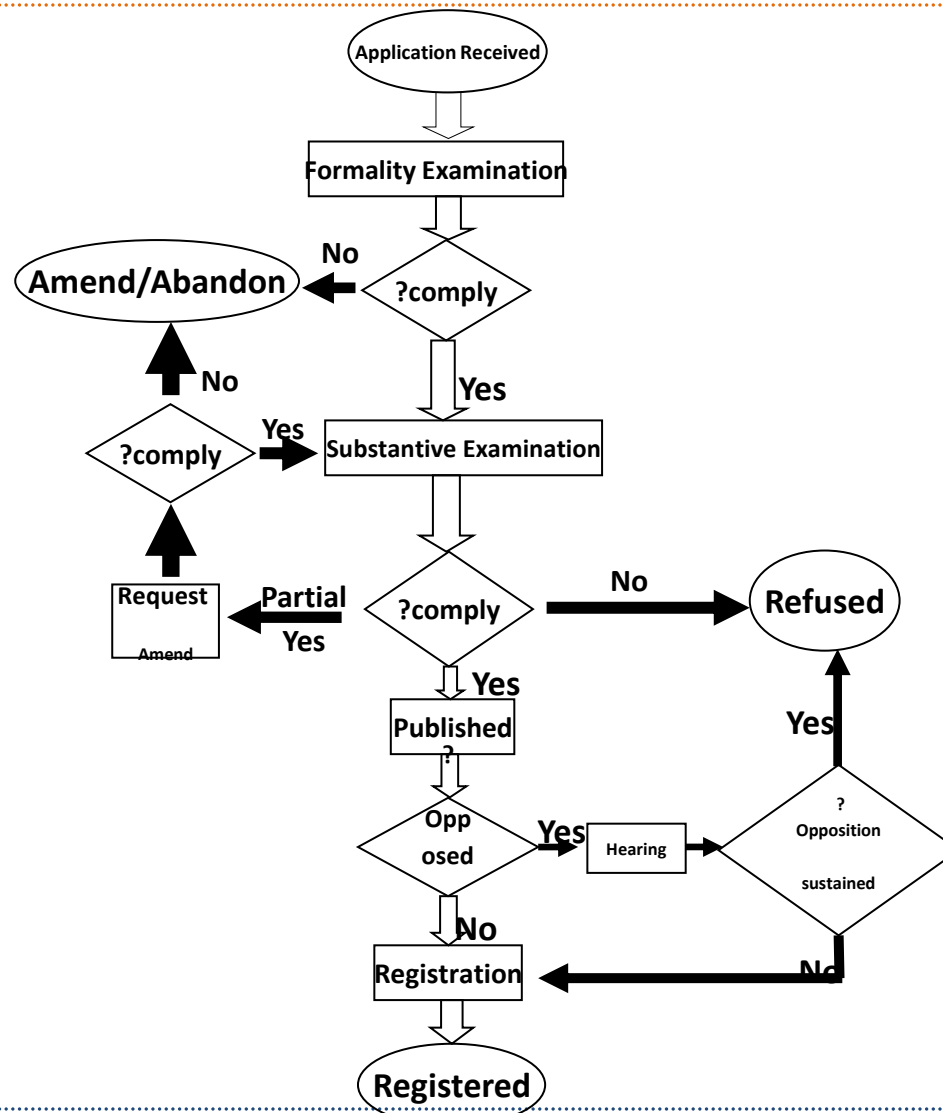
SAMPLE PROCESS MAP



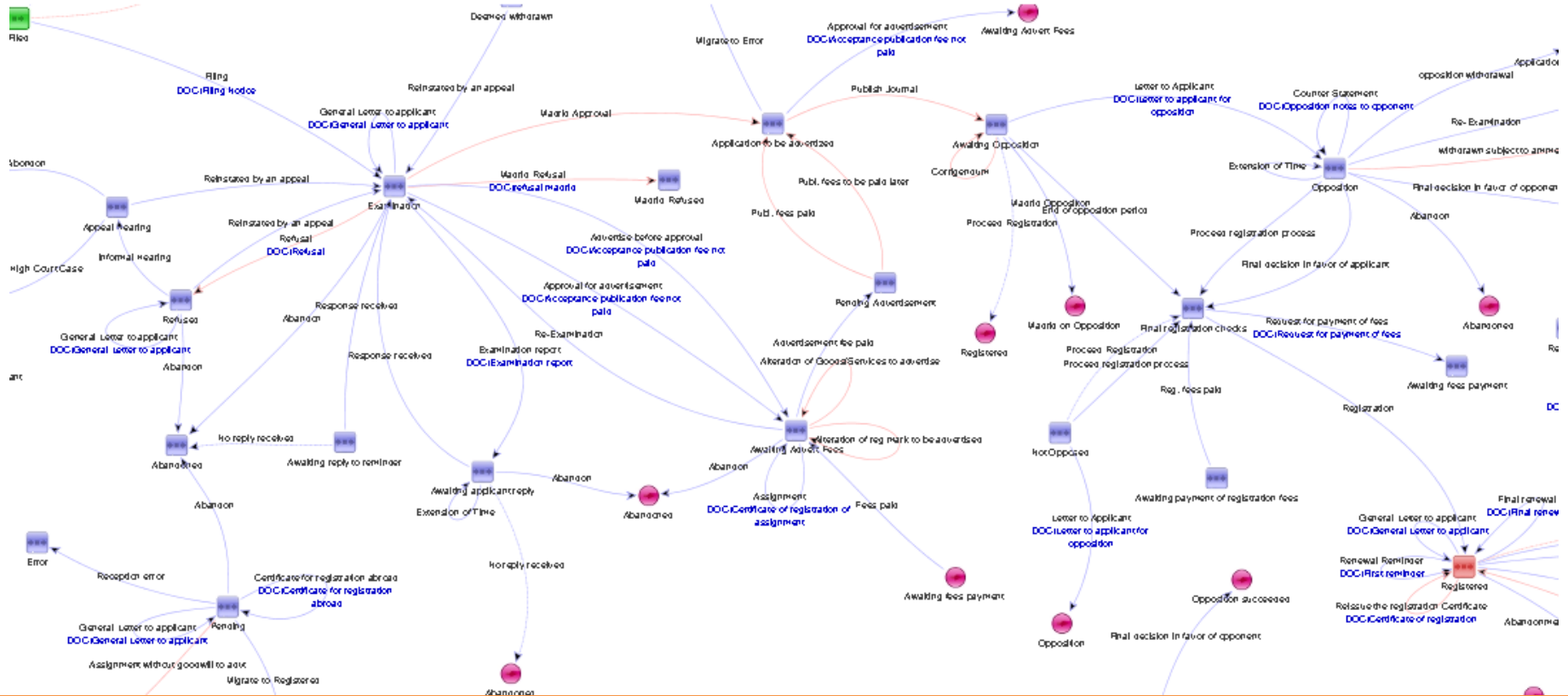
SAMPLE PROCESS MAP (continued)



TRADEMARK APPLICATIONS

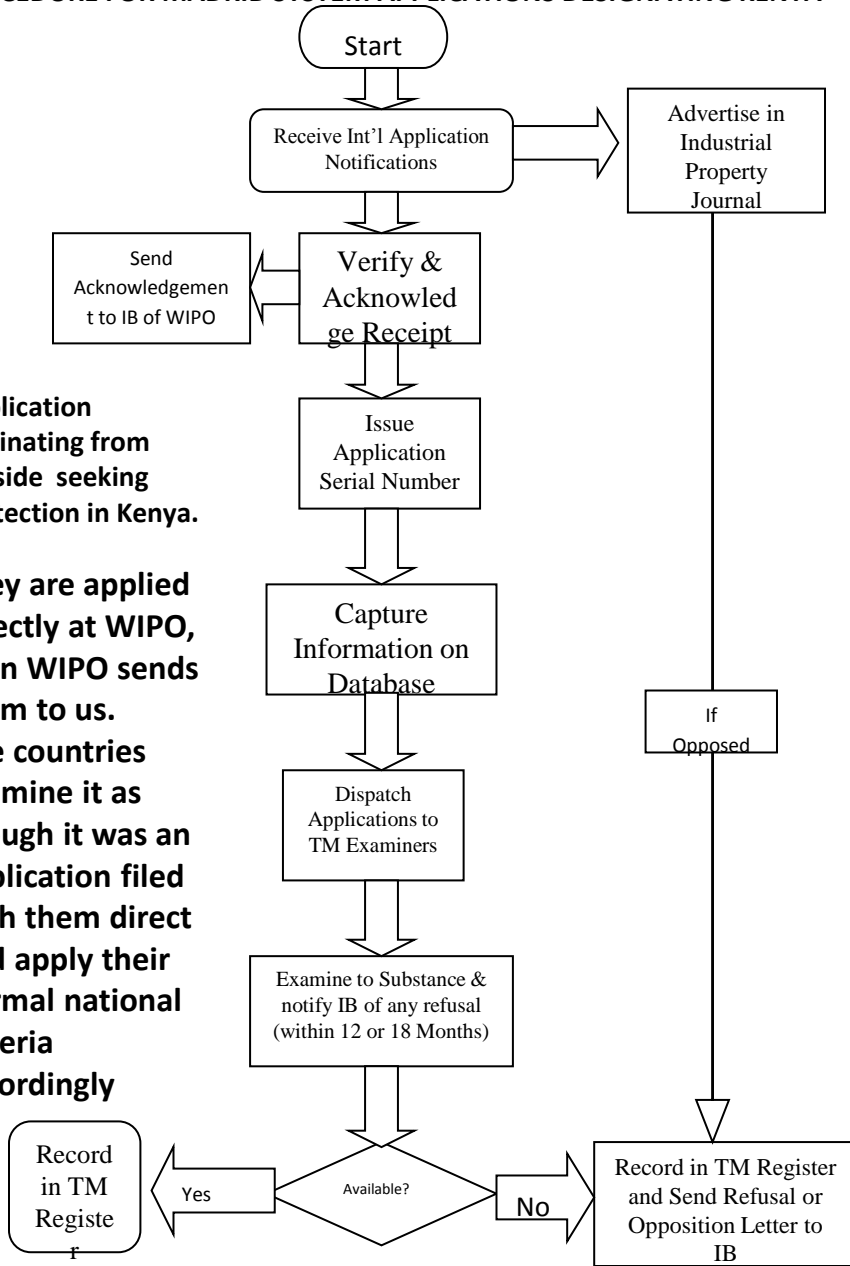


TRADEMARKS WORKFLOW



Application received within 14 days from the filing date (given tm no e.g. MA/T/0001/007443 and filing date and fees) request form tm2 stamped. Application captured (filed/folder is opened) ready for examination. Applicant may be invited to amend application for successful formality examination and substantive check, examination report given to applicant within 30 days from the filing date. Applicant invited to pay advertisement fee and registration fee. Mark published in the journal. on expiry of 60 days from the date of publication certificate issued (registered). Renewal after 10 years from date of registration

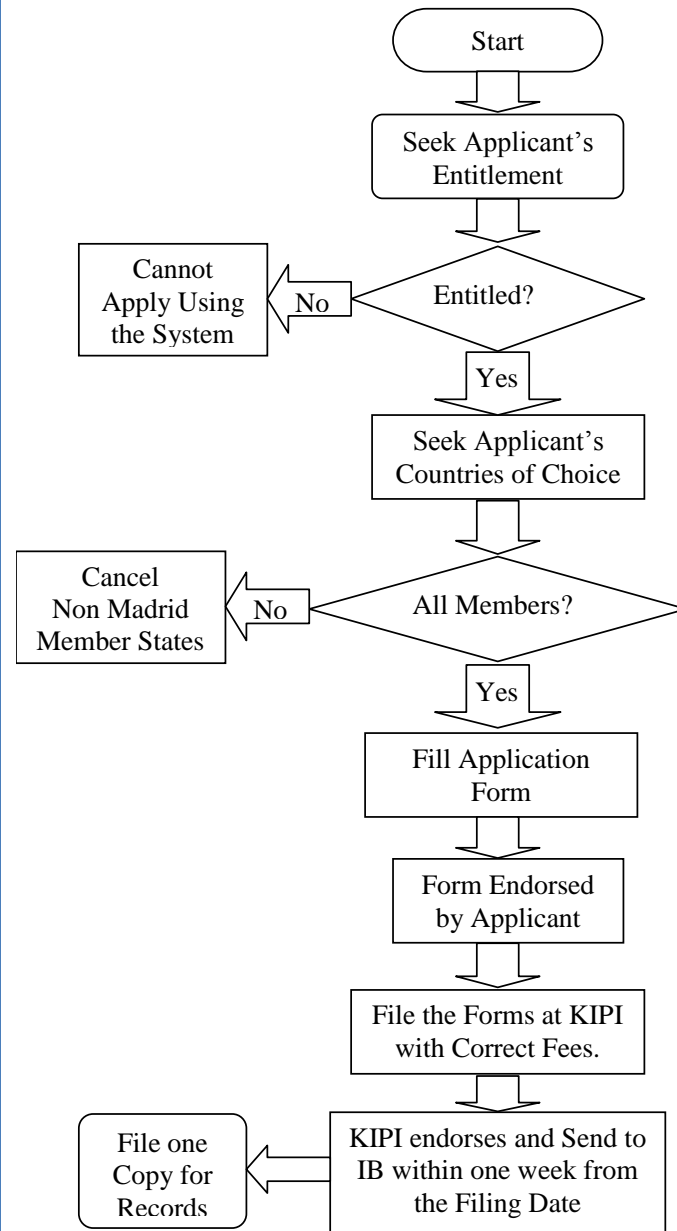
PROCEDURE FOR MADRID SYSTEM APPLICATIONS DESIGNATING KENYA



Application originating from outside seeking protection in Kenya.

They are applied directly at WIPO, then WIPO sends them to us. The countries examine it as though it was an application filed with them direct and apply their normal national criteria accordingly

PROCEDURE FOR MADRID SYSTEM APPLICATIONS ORIGINATING FROM KENYA

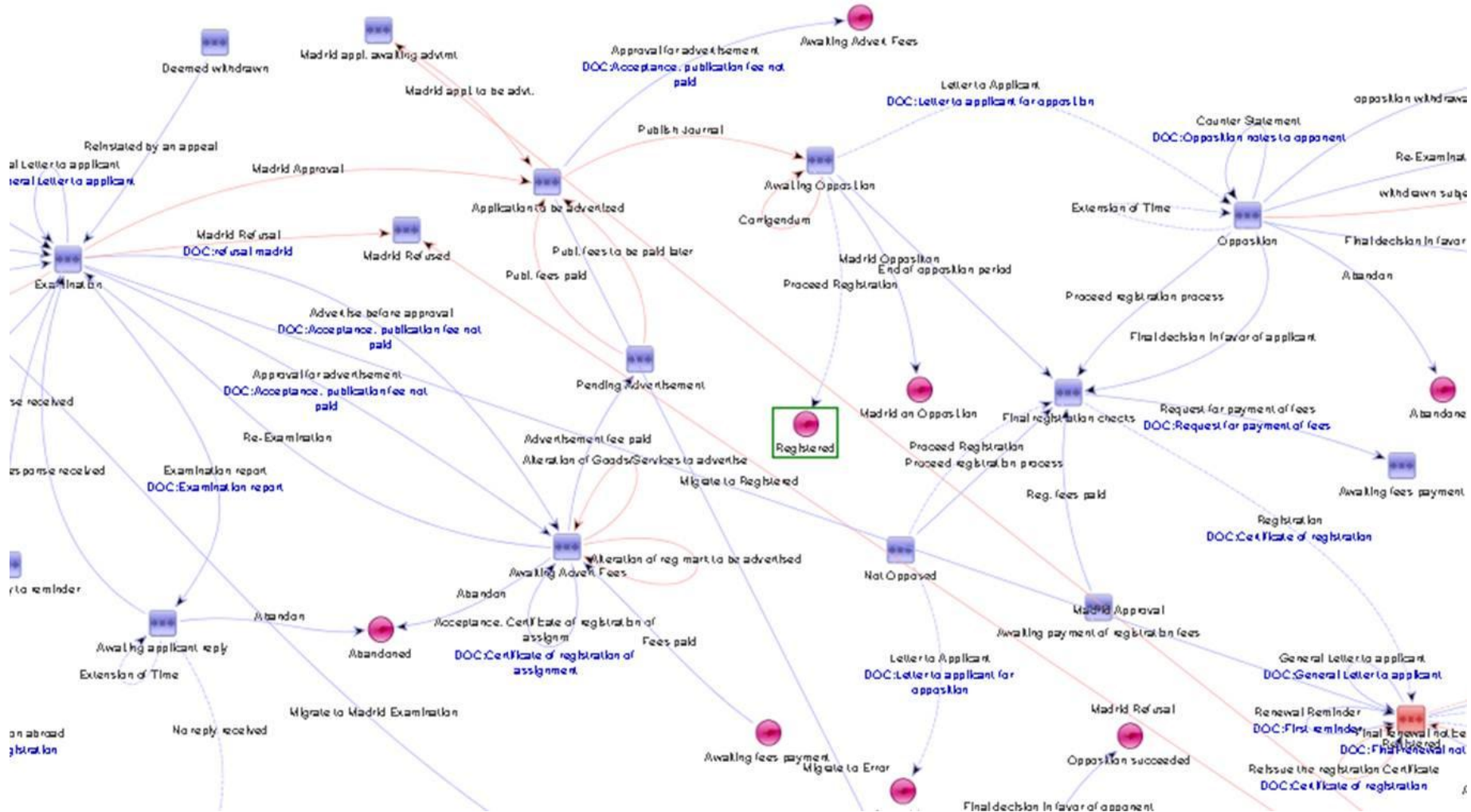


Application originating from Kenya seeking protection in other countries.

KIPI prepares Madrid application and sends them to WIPO.

THE MADRID SYSTEM

Marks



IPAS JAVA DESIGNER

Modular architecture, a graphical tool that allows configuring IPAS System, allows customization of IPAS functionalities according to specific laws and regulations of a particular country. With IPAS Java Designer there is no need to alter/edit IPAS source code for each IP office.

IPAS Java Designer allows input of set of laws/regulations and business rules (managed by a set of configuration entities) and outputs an XML file which is used to populate a set of CF_IPAS tables (there are about 100 configuration entities) which determines the systems behavior.

SAMPLE LAYOUT OF KENYA PATENTS, XML CONFIGURATION FILE

Open configurations using editor (Notepad++ or XML editor)

The screenshot displays the XML Marker version 1.1 interface. The main editor window shows the following XML content:

```
<?xml version="1.0" encoding="UTF-8"?>
<EXPORT VERSION="2.5.27" LANGUAGE="EN" NOTES="02/09/2013" EXPORT_ID="">
  <TABLE NAME="CF_ACTION_SEQUENCE">
  </TABLE>
  <TABLE NAME="CF_ACTION_TYPE">
  </TABLE>
  <TABLE NAME="CF_APPLICANT_TYPE">
  </TABLE>
  <TABLE NAME="CF_APPLICATION_SUBTYPE">
  </TABLE>
  <TABLE NAME="CF_APPLICATION_TYPE">
  </TABLE>
  <TABLE NAME="CF_APPLICATION_TYPE_AUTH">
  </TABLE>
  <TABLE NAME="CF_AUX_REGISTER_TYPE">
  </TABLE>
  <TABLE NAME="CF_CLASS_LOCARNO">
  </TABLE>
```

The Tree Selection Browser shows the selected 'EXPORT' node with the following attributes:

Name	Value
VERSION	2.5.27
LANGUAGE	EN
NOTES	02/09/2013
EXPORT_ID	

The Table Selection Browser shows the following subtags:

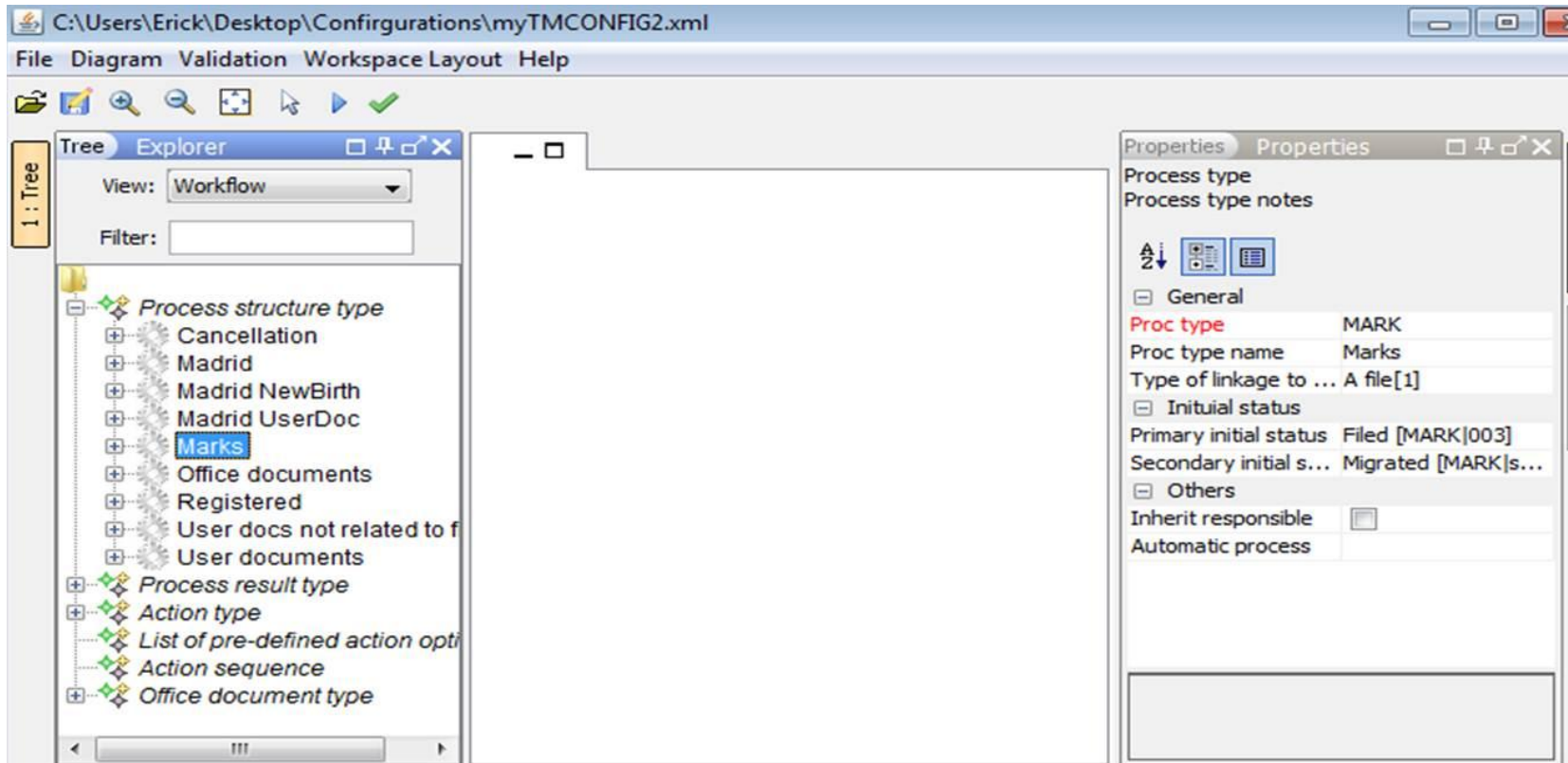
Tag name/Text	NAME	ROW
<TABLE	CF_ACTION_SEQUENCE	
<TABLE	CF_ACTION_TYPE	
<TABLE	CF_APPLICANT_TYPE	
<TABLE	CF_APPLICATION_SUBTYPE	
<TABLE	CF_APPLICATION_TYPE	
<TABLE	CF_APPLICATION_TYPE_AUTH	
<TABLE	CF_AUX_REGISTER_TYPE	
<TABLE	CF_CLASS_LOCARNO	
<TABLE	CF_CLASS_NATL	

PROCESS TYPES

Process_Types, using Trademarks Configurations

Characteristics of Process_Types

Process type has initial status (Primary initial status) and an alternate initial status (Secondary initial status). They are a succession of action types leading to statuses and each transition might generate office document.



ACTION TYPES

Sample Workflow;

Action_Types, using Trademarks Configuration

The workflow below showing automatic action conditions, which automatically triggers a start time counting mechanism or can use a set of pre-defined conditions.

It translates a business rules or office decisions based on action taken and its duration, the action types can also be restricted to a specific user or department to be used in productivity and statistics.

ACTION TYPES

Sample Workflow;
Action_Types, using Trademarks Configuration

The screenshot displays a workflow configuration interface. On the left, a diagram shows various action types (represented by colored boxes) and their relationships. A central red box labeled 'Registered' has arrows pointing to other states: 'Lapsed', 'Expired', 'Surrender', 'Rectification of Register(TM25)', 'Expunge', and 'Abandonment at owner request'. Other transitions include 'Removal', 'Lapse', and 'Renewal'. A green box labeled 'Expire' is highlighted in the diagram. On the right, the 'Properties' window is open for the 'Expire' action type.

Properties - Properties

Action type
Different actions that the user can record in the workflow

General	
Action type	action19
Action type name	Expire
Action type group	
Inactive	<input type="checkbox"/>
Show to public	<input type="checkbox"/>
Notes	

Automatic	
Automatic action	Process: date is due[1]
End of freezing optional code	Process: date is due[1]
Userdoc type	Process: no longer frozen by otr
SQL output field	Process: Function generates wo
Function generating work table	Process: Function generates wo
Due date	
Due date starting date	Publication: application in condi
Due months	Publication: application in condi
Due working days	Publication: application needs nc
Due calendar days	120
Journal	
Journal publication	action[1]
Journal template	removal
Breakdown by appl type	<input type="checkbox"/>
Breakdown by appl subtype	<input type="checkbox"/>
Breakdown by userdoc type	<input type="checkbox"/>
Order by	file Nbr[E]

Automatic action
Action type is automatically triggered based on specified condition

ACTION TYPES (Continued)

Properties Properties

Action type
Different actions that the user can record in the workflow

General

- Action type: action19
- Action type name: Expire
- Action type group:
- Inactive:
- Show to public:
- Notes:

Automatic

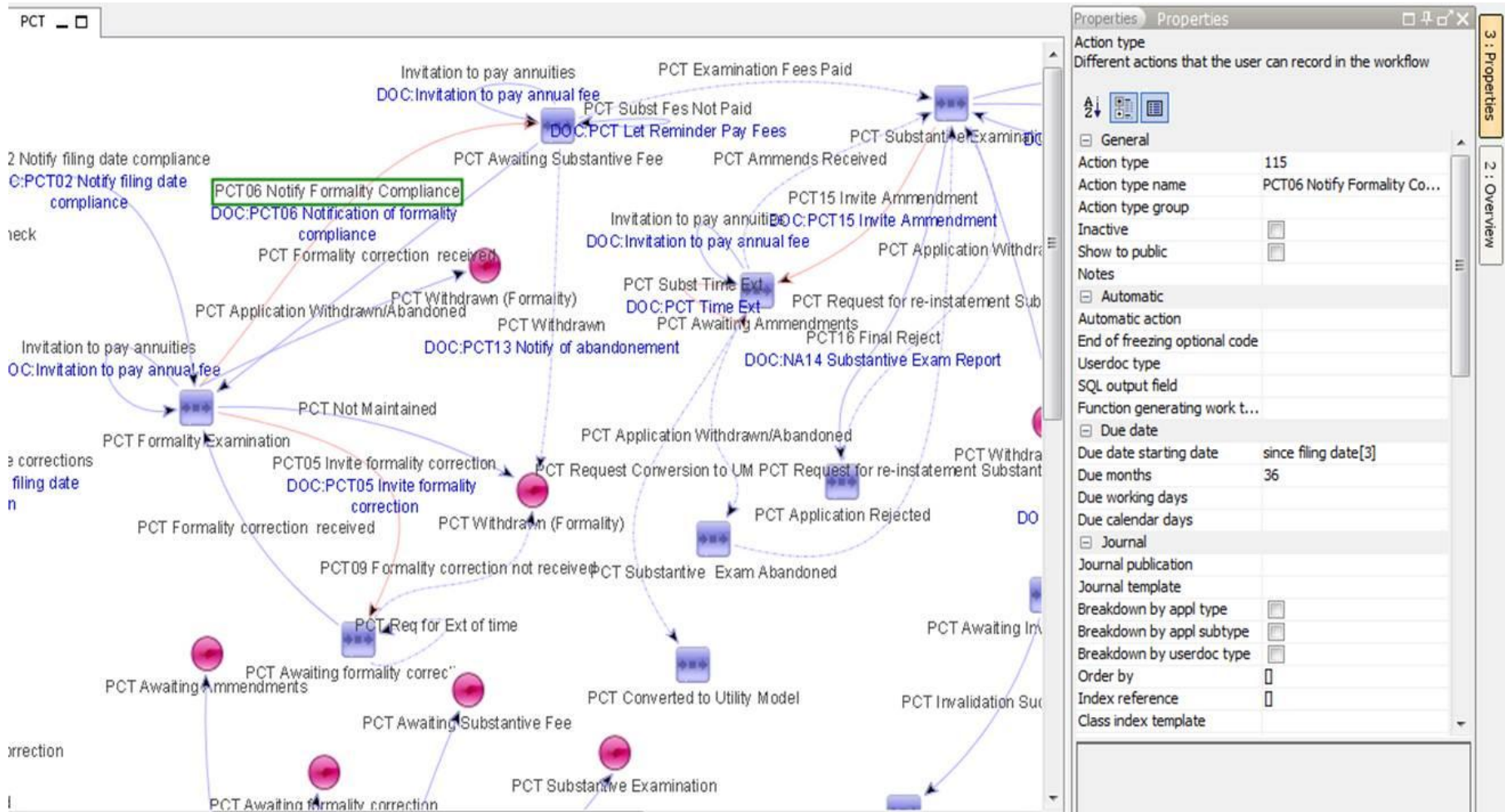
- Automatic action: Mark renewal: application in pe...
- End of freezing optional code:
- Userdoc type:
- SQL output field:
- Function generating work table:

Due date

- Due date starting date: since filing date[3]
- Due months: []
- Due working days: since law enforcement date[5]
- Due calendar days: manually entered[6]
- Journal
- Journal publication: since process expiration date[7]
- Journal template: since action date[1]
- Journal template: since notification date[2]
- Breakdown by appl type: since filing date[3]
- Breakdown by appl subtype: since first priority date[4]
- Breakdown by userdoc type:
- Order by: file Nbr[E]

Due date starting date
Due date is calculated based on specified starting date

For example as shown below substantive fees paid within 3 years (36 months) from the filing date



RECEPTION OF AN APPLICATION

Reception is performed on all applications and user documents coming into the office.

Trademarks (business process involved in receiving a trademark application)

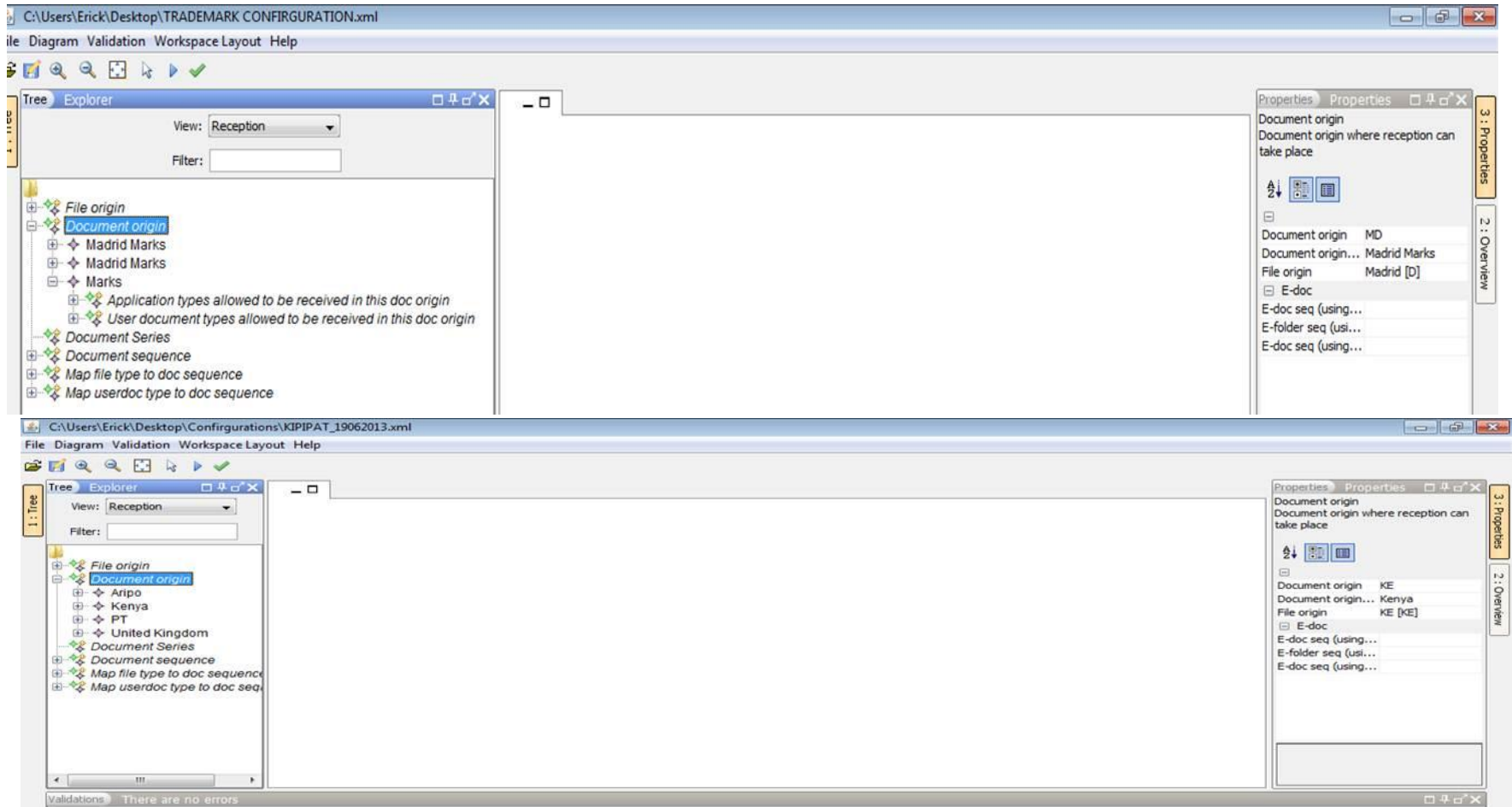
0.251:8080/IpasWeb/Home/SelectReceptionAndNotificationSubModuleInputDocumentReception.do

The screenshot shows the IPAS JAVA - Industrial Property Automation System interface. The header includes "Home | Logout" and "Usuario: EOCHEENG". Below the header is a navigation bar with "Back | Proceed". The main content area is titled "Enter global reception parameters". It contains three input fields: "Document Origin" with a dropdown menu showing "Madrid Marks", "Reception Date" with a date picker, and "Non Interactive Reception" with a dropdown menu showing "Madrid Marks" and "Marks".

Patents (business process involved in receiving a patent application)

The screenshot shows the IPAS JAVA - Industrial Property Automation System interface. The header includes "Home | Logout" and "Usuario: KIPIPA". Below the header is a navigation bar with "Back | Proceed". The main content area is titled "Enter global reception parameters". It contains three input fields: "Document Origin" with a dropdown menu showing "Kenya", "Reception Date" with a date picker, and "Non Interactive Reception" with a dropdown menu showing "Aripo", "Kenya", "PT", and "United Kingdom".

SIGNIFICANCE: Workflow relationship in both Trademarks and Patents Configuration



The Document Origin (a mandatory field) is very important in Daily Log Management, where Daily Log registers upon reception, the date in which an application or user document was physically received in the office (similar to the '**date received**' stamped on a document).

APPLICATION TYPE (CATEGORY) AND SUBTYPE

When receiving new applications (Patents and Trademarks) user must choose which application to receive, based on file sequence or file origin and File Type.

All four (4) fields are mandatory when creating a new mark:-

- **'File Sequence'** e.g. 'Marks,' 'AP', 'KE'
- **'File Type'** e.g. 'Patents', 'Trademarks'
- **'File Series'** e.g. '2012'
- **'File Number'** e.g. '71038'

Forming for example; KE/T/2012/071038; KE/P/1998/000234;
KE/D/2000/000234; KE/U/2011/000234; MA/T/0001/076713

APPLICATION TYPE (CATEGORY) AND SUBTYPE using Patents

Enter identification of new patent to be inserted

File Sequence

File Type

File Series

File Number

Enter identification of new patent to be inserted

File Sequence

File Type

File Series

File Number

APPLICATION TYPE (CATEGORY) AND SUBTYPE (Continued) using Trademark

Enter identification of new mark to be inserted

File Sequence

File Type

File Number

- A
- B
- C
- E
- Madrid
- Marks

Enter identification of new mark to be inserted

File Sequence

File Type

File Number

- International Marks
- Service Marks
- Trade Marks

SIGNIFICANCE: Mapping File Origin to Document origin and User documents

The image displays two screenshots of a software configuration tool, likely used for patent or trademark processing. The top screenshot shows the configuration for 'KIPIPAT_19062013.xml'. The 'Tree Explorer' on the left shows a hierarchy starting with 'File origin' (containing AP, KE, PT, UK) and 'Document origin' (containing 'Aripo' and various 'AR FN' types such as 'AR FN B Notification of extension of validity', 'AR FN12 Notification of Filing Date', etc.). The 'Properties' panel on the right shows a table mapping 'Document origin' to 'AP', 'Document origin...' to 'Aripo', and 'File origin' to 'AP [AP]'. The bottom screenshot shows the configuration for 'TRADEMARK CONFIGURATION.xml'. The 'Tree Explorer' shows 'File origin' (A, B, C, E, Madrid, Marks) and 'Document origin' (Madrid Marks, Marks, Service Marks, Trade Marks). The 'Properties' panel on the right shows 'Document sequence' set to 'FILE_I', 'Document sequ...' to 'Madrid Applicat...', 'Annual series' checked, and 'Fixed series' set to '1'. Both screenshots include a 'Validations' bar at the bottom indicating 'There are no errors'.

MAPPING BUSINESS RULES/LAWS

The image displays two screenshots of a software application interface, likely used for configuring legal rules or business logic. The top window is titled "sers\Erick\Desktop\Configurations\KIPAT_19062013.xml" and shows a configuration for "Industrial Property Act 2001". The bottom window is titled "C:\Users\Erick\Desktop\TRADEMARK CONFIGURATION.xml" and shows a configuration for "Cap 506 (2002 amendments)".

Top Window: KIPAT_19062013.xml

- Explorer:** Shows a tree view under "Law" with "Industrial Property Act 2001" selected. Sub-items include "Application type", "Aripo Industrial Design", "Aripo Utility Model", "Aripo patent", "National Design", "National Utility Model", "National patent", "Doc origins allowed to receive this application type" (Kenya), "Doc sections allowed in this application type", "Subtypes of this application type" (National patent), and "Application subtype rules for each law" (Industrial Property Act 2001).
- Properties:** Shows configuration for "Law application subtype".

Property	Value
Application subtype	National patent [NPA NP]
Law	Industrial Property Act 2001 [25]
Registration validity	
Registration validity starts from	Filing date[1]
Registration nbr of years	20
Renewal validity	
Renewal validity starts from	Expiration date of renewed file[1]
Renewal nbr of years	1
Max renewals	20
Registration nbr	
Registration nbrs are same as filing nbrs	<input type="checkbox"/>
Specific registration type	KE
Set registration series as	No series[0]
Fixed registration series	
Initial publication	
Must be published	<input checked="" type="checkbox"/>
Delay publication months	18
Delay publication from	First priority date[P1]

Bottom Window: TRADEMARK CONFIGURATION.xml

- Tree:** Shows a tree view under "Law" with "Cap 506 (2002 amendments)" selected. Sub-items include "Cap 506 (1994 amendments)", "Cap 506 (2002 amendments)", "Application type", "Madrid Marks", "Service Marks", "Trade Marks", "Doc origins allowed to receive this application type", "Doc sections allowed in this application type", "Subtypes of this application type" (Certification Marks, Defensive Marks, Trade Marks), and "Application subtype rules for each law" (Cap 506 (1994 amendments), Cap 506 (2002 amendments)).
- Properties:** Shows configuration for "Law application subtype".

Property	Value
Application subtype	Trade Marks [TM TMM]
Law	Cap 506 (2002 amendments) [2]
Registration validity	
Registration validity starts from	Filing date[1]
Registration nbr of years	10
Renewal validity	
Renewal validity starts from	Expiration date of renewed file[1]
Renewal nbr of years	10
Max renewals	
Registration nbr	
Registration nbrs are same as filing nbrs	<input checked="" type="checkbox"/>
Specific registration type	
Set registration series as	

THE NICE CLASSIFICATION, VIENNA CLASSIFICATION, LOCARNO CLASSIFICATION AND NATIONAL CLASSIFICATION

Nice Classification 10th edition, an International Classification of goods and services applied for the registration of trademarks and service marks. Established by International, multilateral agreement concluded at a Diplomatic Conference held in Nice in 1957

Vienna Classification, It classifies figurative elements of marks into categories, divisions and sections, on the basis of their shapes. An International Classification set up by an Agreement concluded at a Diplomatic Conference held in Vienna in 1973

Locarno Classification, and or EuroLocarno (LOC) an International Classification used for the purposes of the registration of Industrial Designs. The Locarno Classification comprises a list of classes and subclasses with explanatory notes and an alphabetical list of goods in which Industrial Designs are incorporated, with an indication of the classes. It was set up by an agreement concluded at a Diplomatic Conference held in Locarno in 1968.

International Patent Classification (IPC), provides for a hierarchical system of language independent symbols for the classification of Patents and Utility models according to the different areas of technology to which they pertain. It was established by the Strasbourg Agreement 1971. The symbols facilitates searches for Patent information relating to Environmentally Sound Technologies (ESTs) to help in identifying existing and emerging green technologies and potential partners for further R&D and commercial exploitation.(example of IPCs - **C 07D 473/34**)

National Classification, contains the classification of the goods and services for registering Trademarks related to older applications.

SIGNIFICANCE OF CLASSIFICATIONS (Nice and Locarno)

8.0.251:8080/IpasWeb/MarkEdit/ViewTrademarkEdit.do

IPAS JAVA - Industrial Property Automation System Home | Logout
Usuario: KIPATMS

Back | Save all changes | Discard changes

Edit trademark

Mark MA/T/0001/040251 - HP

Filing Registration Sign Publication Other Owners Reprs Priorities Related **Nice** Vienna National Payments Valid states

New | Delete highlighted | Update highlighted | Initialise description

Status	Nbr	Description
Registered	9	information and data processing, storage, and design apparatus and systems; computer programs; fax machines; scientific, electrical, electronic, optical, optoelectronic, signalling, measuring and testing apparatus and instruments

0.251:9090/IpasWeb/PatentEdit/ViewPatentEdit.do

Details of highlighted Nice class

Nice Class Nbr *

Nice Class Description
information and data processing, storage, and computer programs; fax machines; scientific, electronic, optoelectronic, signalling, measuring and testing analytical instruments; video and audio recording therefor.

Nice Class Status

IPAS JAVA - Industrial Property Automation System Home | Logout
Usuario: KIPAT

Back | Save all changes | Discard changes

Edit patent

PatentKE/D/2000/000234 - LIQUID CONTAINER

Filing Register Technical Exam PCT Drawings Claims Owners Reprs Inventors IPCs **Locarnos** Priorities Ref docs Annuities Rel files Payments

New | Delete highlighted | Update highlighted

Class	Subclass
9	1

Details of highlighted Locarno class

Class Nbr

Subclass Nbr

Locarno Description
Packages and containers for the transport or handling of goods
...Bottles, flasks, pots, carboys, demijohns, and containers with dynamic dispensing means.

SIGNIFICANCE OF CLASSIFICATIONS (Vienna and IPC)

8.0.251:8080/IpasWeb/MarkEdit/ViewTrademarkEdit.do

IPAS JAVA - Industrial Property Automation System Home | Logout
Usuario: KIP/IMPAS

Back | Save all changes | Remove logo | Discard changes

Edit trademark

Mark MA/T/0001/037466 -

Filing Registration Sign Publication Other Owners Reprs Priorities Related Nice **Vienna** National Payments Valid states

New | Delete highlighted | Update highlighted

Edition	Category	Division	Section	Description

Details of highlighted Vienna class

Vienna Edition

Vienna Category *

Vienna Division *

Vienna Section

Vienna Description

8.0.251:9090/IpasWeb/PatentEdit/ViewPatentEdit.do

IPAS JAVA - Industrial Property Automation System Home | Logout
Usuario: KIP/IMPAS

Back | Save all changes | Discard changes

Edit patent

PatentAP/P/1990/000234 - THERAPEUTIC NUCLEOSIDES

Filing Register Technical Exam PCT Drawings Claims Owners Reprs Inventors **IPCs** Locarnos Priorities Ref docs Annuities Rel files Payments

New | Delete highlighted | Update highlighted | Add to IPC book

Qualif	Edition	Section	Class	Subclass	Group	Subgroup
A	5	C	07	D	473	34

Details of highlighted IPC class

IPC Edition

IPC Section

IPC Class

IPC Subclass

IPC Group

IPC Subgroup

IPC Qualification

IPC Description

SIGNIFICANCE OF CLASSIFICATIONS (National Classification)

8.0.251:8080/IpasWeb/MarkEdit/ViewTrademarkEdit.do

IPAS JAVA - Industrial Property Automation System

Home | Logout
Usuario: KIPITMSS

Back | Save all changes | Discard changes

Edit trademark

Mark MA/T/0001/007443 - "SYNTEKO"

Filing | Registration | Sign | Publication | Other | Owners | Reprs | Priorities | Related | Nice | Vienna | **National** | Payments | Valid states

New | Delete highlighted | Update highlighted

Class	Description
-	

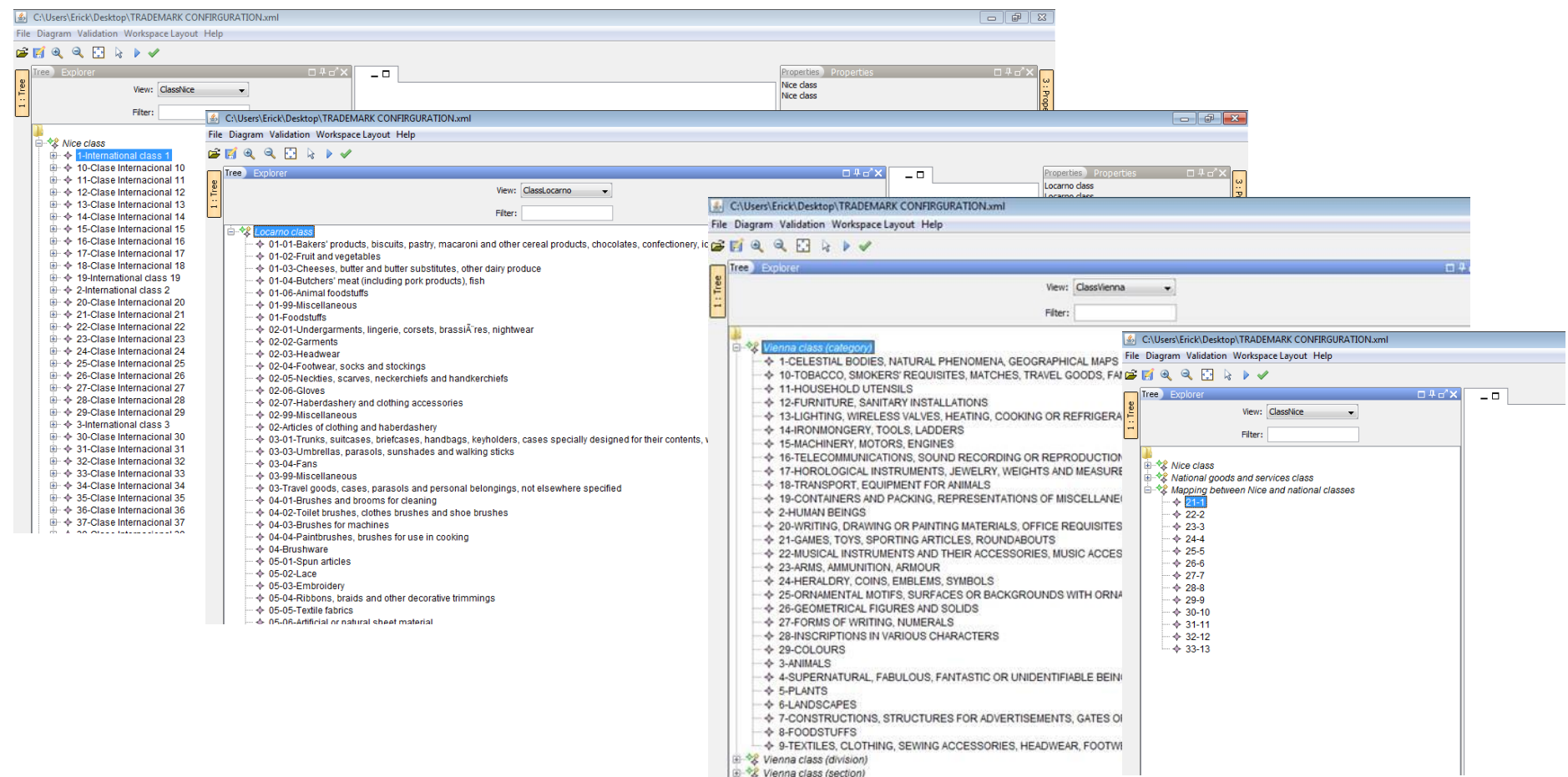
Details of highlighted national class

National Class Nbr *

National Class Description

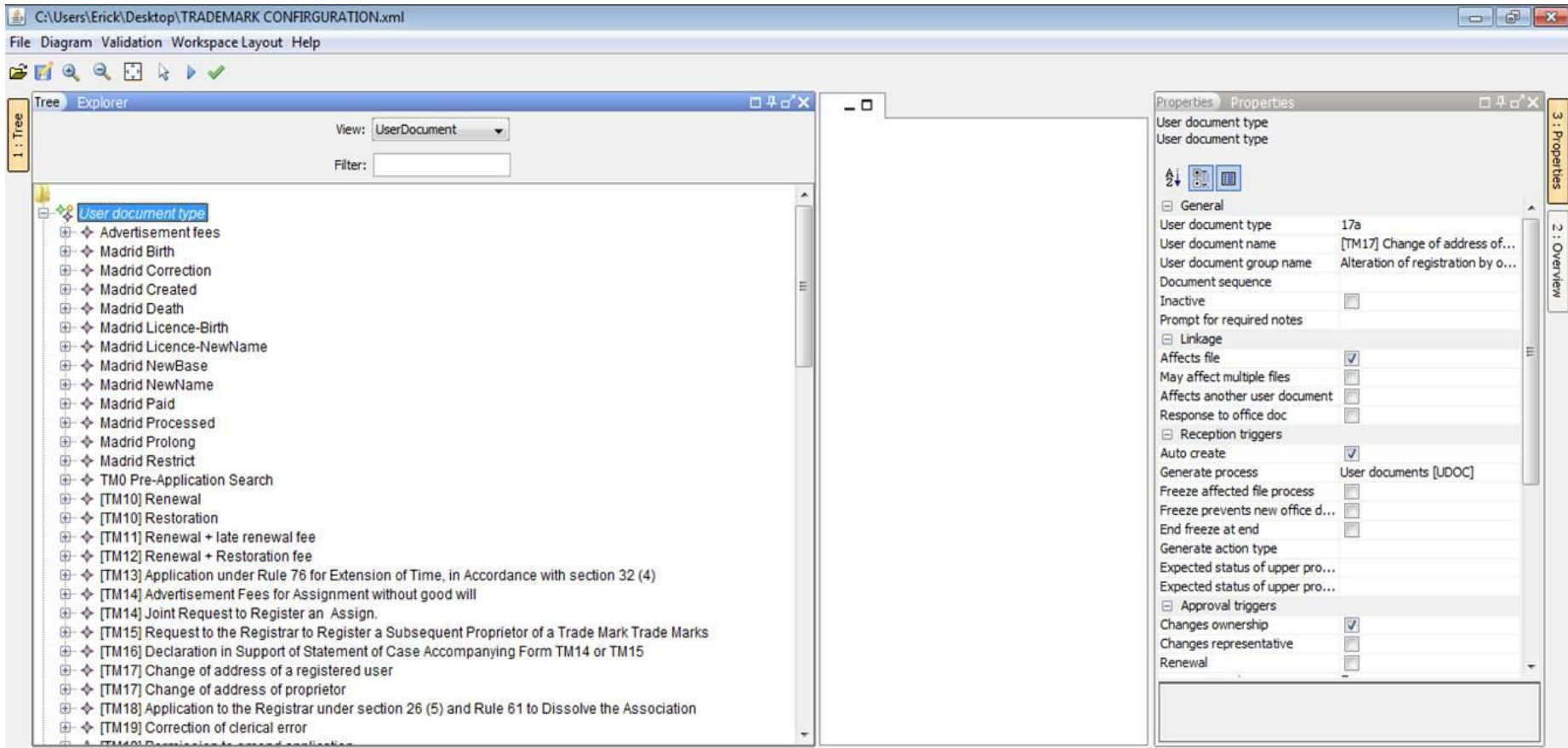
WORKFLOW SIGNIFICANCE

The above business logic (Nice, Locarno, Vienna, IPCs, National Configurations) are mapped in IPAS Designer Workflow.



USER DOCUMENT TYPE

Mapping of user document in IPAS Designer Workflow.



GLOBAL VIEW (Global view in Trademark)

Sample Global view showing IPAS configurations captured


IPAS JAVA - Industrial Property Automation System Home | Logout

Back | Home | Edit | Workflow | Similarities | Duplicate | New mark | Changes log | Delete | Validate

View trademark

Record 1/1

(219) Application Nbr: MA/T/0001/076713
 Application type: Trade Marks
 Sign type: Both name and logo
 (541) Mark name: 1968 GORMAHIA FC

(540) Mark image: 

(526) Disclaimer: Registration of this mark shall give no right to the exclusive use of the letters "F" and "C" and the numerals "19" & "" "68" and the devices of the "ball" each separately and apart from the mark as a whole.

(512) Nice class(es):

Nbr	Status	Description
41	Registered	Sporting and cultural activities.

(730) Owner(s):

Name	Id nbr	Street	City	State	ZIP	Country	Ownership notes
GOR MAHIA FOOTBALL CLUB		P.O. BOX 55645	NAIROBI		00200	KE	

(220) Filing date: 12/11/2012 11:00:00
 Reception date: 12/11/2012
 Status: Registered (due date 07/08/2013)
 (111) Registration Nbr: 76713
 Registration date: 01/08/2013
 Entitlement date: 12/11/2012
 (141) Expiration date: 12/11/2022

WORKFLOW

Sample workflow of an application

Back | New action | Print office docs | View mark | View upper process | Related previous | Related next | View other process | Set filter | Read sub processes | Refresh | Add manual process

Edit process data

File: MA/T/1/76713 1968 GORMAHIA FC - GOR MAHIA FOOTBALL CLUB - Registered

Events	Status	Frozen By	Freezing	
Type	Date	Description	Notes	View Delete
Action	21/12/2012 08:18:14	Filing		View Delete
Office Doc.	21/12/2012 08:18:15	OfficeDoc: MA/2012/14462 Filing Notice File: MA/T/1/76713.	Printed (02/04/2013)	View
Action	25/01/2013 09:12:18	Approval for advertisement		View Delete
Office Doc.	25/01/2013 09:12:19	OfficeDoc: MA/2013/1160 Acceptance publication fee not paid File: MA/T/1/76713.	Printed (25/01/2013)	View
User Doc.	30/04/2013 12:47:38	UserDoc: [TM2] Advertisement fee for Registration of Trade Mark (Doc 2013/4762) 1968 GORMAHIA FC - GOR MAHIA FOOTBALL CLUB.	Pending (30/04/2013)	View
User Doc.	30/04/2013 12:48:43	UserDoc: [TM9] Fee for Registration of a Trade Mark (Doc 2013/4763) 1968 GORMAHIA FC - GOR MAHIA FOOTBALL CLUB.	Pending (30/04/2013)	View
Action	24/05/2013 08:46:40	Advertisement fee paid		View Delete
Action	24/05/2013 08:46:47	Publ. fees paid		
Action	24/07/2013 11:13:13	Publish Journal		
Action	01/08/2013 11:03:14	End of opposition period		
Action	01/08/2013 11:08:54	Registration		
Action	07/08/2013 10:31:15	Reissue the registration Certificate		
Office Doc.	07/08/2013 10:31:16	OfficeDoc: MA/2013/11269 Certificate of registration File: MA/T/1/76713.		

Adding new action

ck | New action | Print office docs | View mark | View upper process | Related previous | Related next | View other process | Set filter | Read sub processes | Refresh | Add manual process

Select action type

Back | Proceed | Show note actions | Show special actions

Select action type

Action Type *

Action Date *

Notes

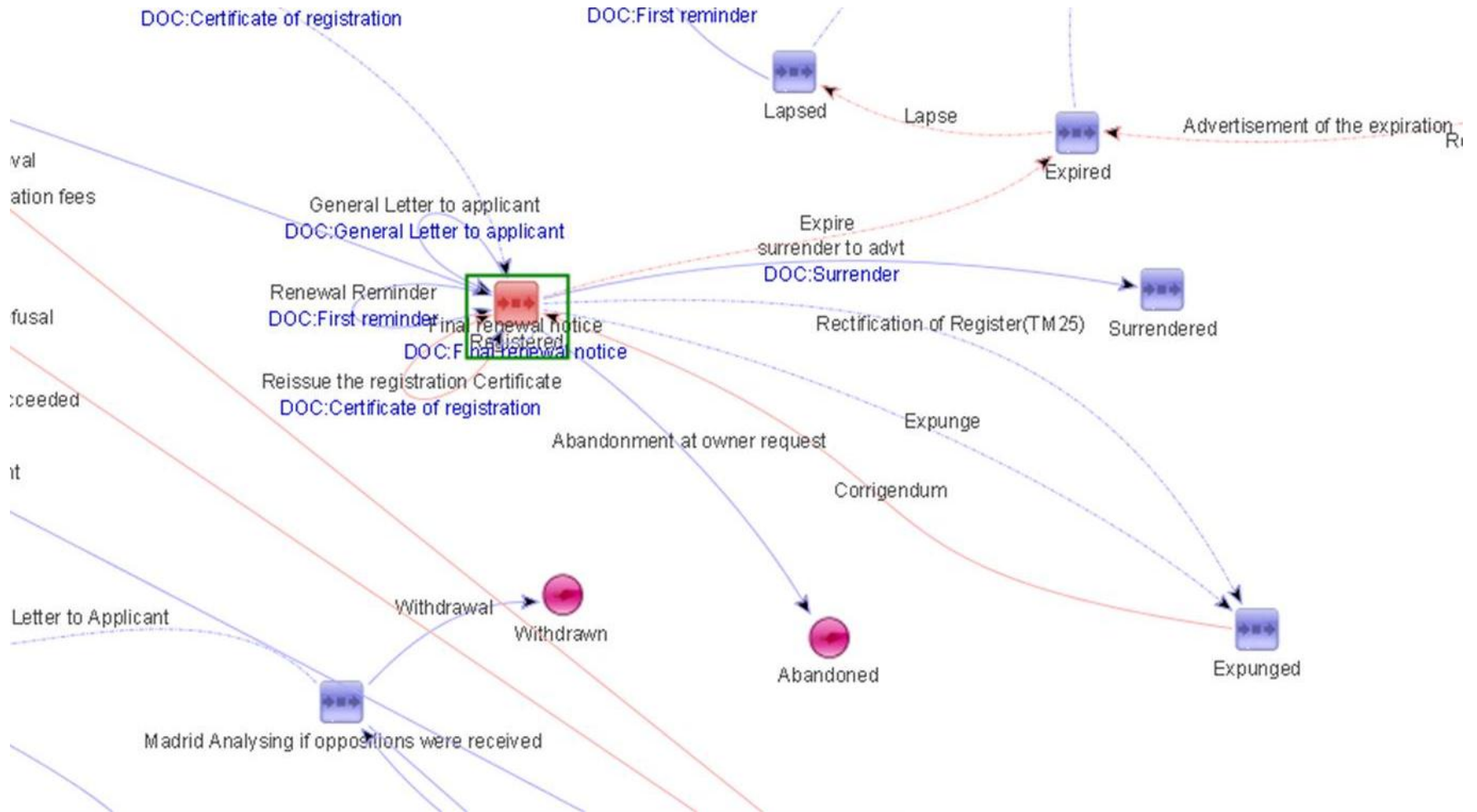
- Abandonment at owner request
- Cancellation of lic.(advvt) TM 51
- Certificate for registration abroad
- Certificate of Cancellation of a license
- conversion of goods(advertise)
- Corrigendum
- Expire
- Expunge
- Final renewal notice
- General Letter to applicant
- License to be advt
- Rectification of Register(TM25)
- Reissue the registration Certificate
- Renewal Reminder
- surrender to advt
- Withdrawal

Help ⓘ Cont

The available actions are based on the business rules which are configured in the workflow, as shown below.

WORKFLOW

Sample workflow showing available actions



GLOBAL VIEW (Global view in PCT Patent)

Sample Global view showing IPAS configurations captured

10.0.251:9090/IpasWeb/PatentEdit/SelectPatentSelect.do?rowNum=2

IPAS JAVA - Industrial Property Automation System Home | Logout
Usuario: KIPAT

Back | | Edit | Workflow | New patent | Changes log | Validate | Delete

View patent

Record 2 / 2

Application type	PCT Patent
(219) Application Nbr	KE/P/2008/000765
(51)IPC	C 07D 409/02
(220) Filing date	16/06/2008
Priorities	US 60/751558 19/12/2005;
Status	PCT Granted
(111) Registration Nbr	443
Registration date	08/06/2011
Entitlement date	14/12/2006
(141) Expiration date	14/12/2027
(730) Owner(s)	SYNGENTA LIMITED, Pristley Road, Surrey research Park, Guildford, Surrey GU2 7YH [GB];
Inventor	LEE,Shy-Fuh, 228 Carbonera Avenue, Sunnyvale, California 94086 [US]; GLIEDT, Micah, 1800 Stokes St., Apt 121, San Jose, California 95126 [US]; ANDERSON, Richard, 3367 Kenneth Drive, Palo Alto, California 94303 [US];
(740) Representative	Hamilton Harrison & Mathews, ICEA Building, P.O. Box 30333-00100, Nairobi [KE];
Title	SUBSTITUTED AROMATIC HETEROCYCLIC COMPOUNDS AS FUNGICIDES.
(57)Abstract	The present invention provides compounds of formula (I); wherein X is S, O, or NR5, along with salts thereof and compositions containing the same. The compounds are useful as, among other things, crop protection agents to combat or prevent fungal infestations, or to control other pests such as weeds, insects, or acarids that are harmful to crops.
Responsible User	Paul Chege

[Help](#) [Configuration](#)

WORKFLOW

Workflow view in PCT Patent

File: KE/P/2008/765 SUBSTITUTED AROMATIC HETEROCYCLIC COMPOUNDS AS FUNGICIDES. ... - PCT Granted

Events	Status	Frozen By	Freezing	
User Doc.	09/08/2010 12:05:00			UserDoc: IP05 Request for Ammendment (Doc 2010/968) SUBSTITUTED AROMATIC HETEROCYCLIC COMPOUNDS AS FUNGICIDES. - SYNGENTA LIMITE. Accepted (01/07/2011) View
User Doc.	26/11/2010 09:45:00			UserDoc: IP16 Payment of Annual Fee for Application/Patent (Doc 2010/2342) SUBSTITUTED AROMATIC HETEROCYCLIC COMPOUNDS AS FUNGIC. Accepted (07/01/2011) View
Action	17/03/2011 15:05:47			PCT Ammends Received View Delete
Action	17/03/2011 15:06:01			PCT14 Recommend Grant View Delete
Office Doc.	17/03/2011 15:06:02			OfficeDoc: KE/2011/1111 NA14 Substantive Exam Report File: KE/P/2008/765. Printed (17/03/2011) View
User Doc.	03/06/2011 03:27:00			UserDoc: IP47 Publication Fees (Doc 2011/2455) SUBSTITUTED AROMATIC HETEROCYCLIC COMPOUNDS AS FUNGICIDES. - SYNGENTA LIMITED. Accepted (30/06/2011) View
User Doc.	03/06/2011 03:30:00			UserDoc: IP50 Grant fee (Doc 2011/2456) SUBSTITUTED AROMATIC HETEROCYCLIC COMPOUNDS AS FUNGICIDES. - SYNGENTA LIMITED. Pending (03/06/2011) View
Action	08/06/2011 11:40:39			PCT Grant fee received View Delete
Office Doc.	08/06/2011 11:40:40			OfficeDoc: KE/2011/2235 PCT Let Certificate Fee
Action	08/06/2011 11:41:03			PCT Issue Certificate
Office Doc.	08/06/2011 11:41:04			OfficeDoc: KE/2011/2236 PCT17 Patent Certificate
User Doc.	22/11/2011 15:30:00			UserDoc: IP16 Payment of Annual Fee for Application/Patent (Doc 2010/2342) SUBSTITUTED AROMATIC HETEROCYCLIC COMPOUNDS AS FUNGIC. Accepted (07/01/2011) View
Action	05/11/2012 11:45:45			PCT Invite to pay Annual Fees
Office Doc.	05/11/2012 11:45:46			OfficeDoc: KE/2012/3103 Invitation to pay annual fees
User Doc.	21/11/2012 00:00:00			UserDoc: IP16 Payment of Annual Fee for Application/Patent (Doc 2010/2342) SUBSTITUTED AROMATIC HETEROCYCLIC COMPOUNDS AS FUNGIC. Accepted (07/01/2011) View

Adding new action in PCT patent

Back | New action | Print office docs | View mark | View patent | View upper process | Related previous | Related next | View other process | Set filter | Read sub processes | Refresh

Select action type

Back | Proceed | Show note actions | Show special actions

Select action type

Action Type *

Action Date *

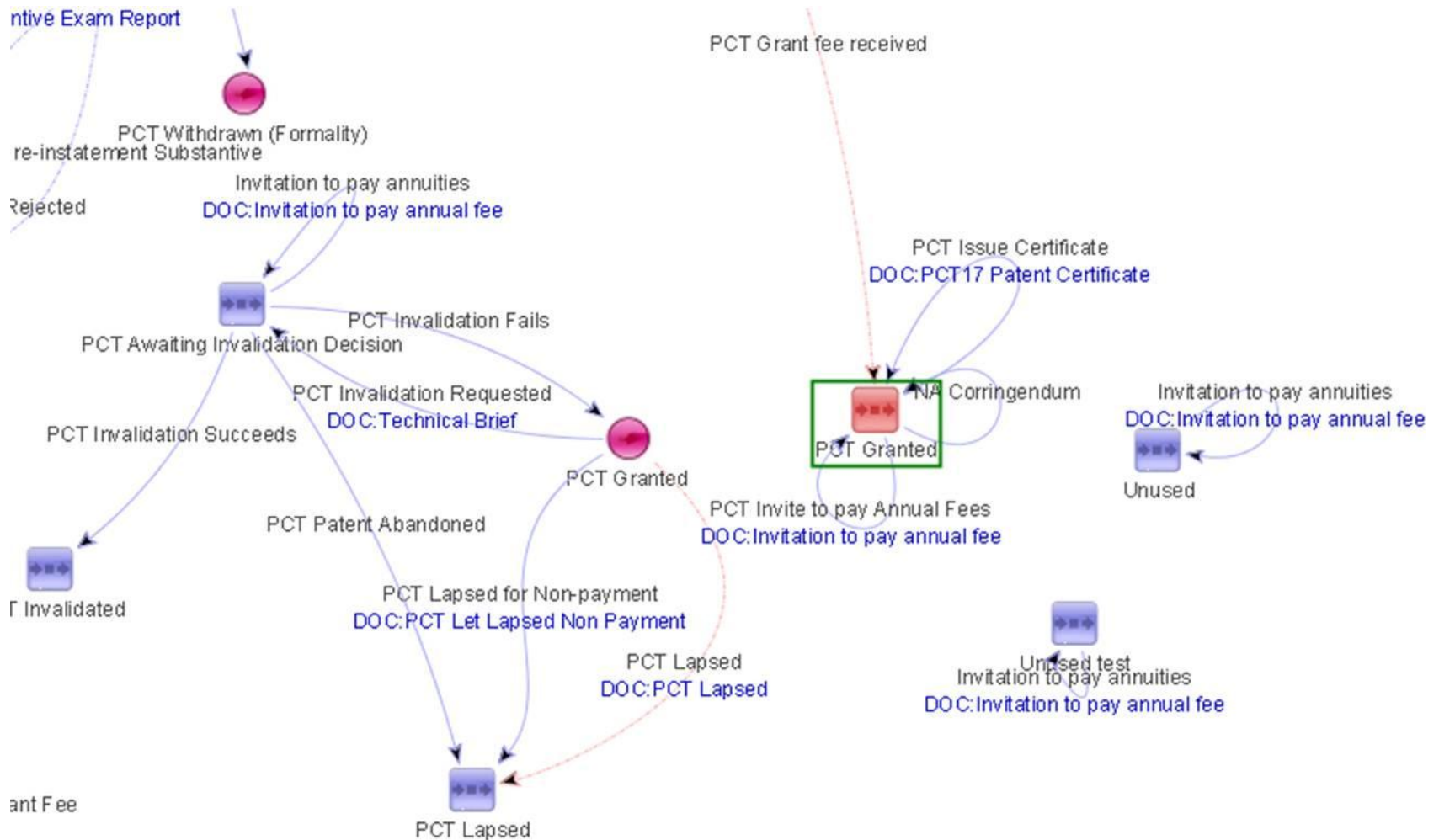
Notes

- NA Corrigendum
- PCT Invalidation Requested
- PCT Invite to pay Annual Fees
- PCT Issue Certificate
- PCT Lapsed
- PCT Lapsed for Non-payment

The available actions are based on the business rules which are configured in the workflow, as shown below.

WORKFLOW

Sample workflow showing available actions



AUTOMATION CHALLENGES

- Limited ICT Infrastructure deployed; (To ensure fault tolerance, high availability, load sharing and active replication of IP information)
- Not fully automated; paper document is legal document; as we move away from the paper documents there is need for digital signatures used to publish electronic documents.
- Missing, non-verified and or inaccurate old documents in the registries may slow down indexing and retrieval of documents and the digitization process.
- Limited disaster recovery plan; to offer crash plan backup for the Institute's personal, business data securely.

Other challenges

- Limited knowledge and Information relating to IP among the citizens of the Member States;
- Lack of National IP Strategies; Lack of IP Strategies in most institutions including universities in the region;
- IP cases; the country does not have specialized courts to handle IP cases. The current courts are overwhelmed already and IP cases are not a priority.

AUTOMATION OPPORTUNITIES AND FUTURE PLANS

- Digitization of both Patent and Trademark registries towards a faster delivery of information to its users.
- IP information kiosks for public use at the Institute, to provide access to IP information, personal searches, education, advice and increasing recognition of IP.
- Integration of E-filing for both Patent and Trademark applications with the introduction of Reception Module.
- SMS system allowing customers to query status of their applications, and introduction of E-journal on the website which has reduced administrative costs of production.
- The Institute to Increase IT performance tools and infrastructure to support IP administration.
- Automation of Human resources linking other departments using ERP solutions.

COURSE BENEFITS

- Increase in IPR knowledge of resource persons.
- Deep understanding of modern IPR system.
- Better cooperation between our country(KIPI) with WIPO, JPO, ARIPO and other member states.

Q&A

THANK YOU

CONTACT DETAILS

Kenya Industrial Property Institute
Popo Road, Off Mombasa Road, South C
P.O. Box 51648 – 00200 Nairobi, KENYA.

Tel: +254 20 6002210/1

Wireless: +254 20 2386220

Cell: +254 20 736 002020 / +254 20 702 002020

Email: info@kipi.go.ke

Website: www.kipi.go.ke

