Topic 7
Current Status and Future Perspectives of India on Global IP Protection Systems

D.P.S. Parmar
Deputy Controller of Patents and Designs
Evolution Of IPO Mission

1. Traditional Utility office
2. Public Outreach
3. User Friendly IPO
4. Adopting best practices
5. Achieving global standards
Stages In Achieving Global IP Standards

- Meeting international obligations
- Modernising the IPO
- Adoption of best practices in IP administration
- Creating awareness
Landmark decisions

Joining
WIPO Convention - May 1st, 1975
WTO and Signing of TRIPS Agreement 1st Jan 1995
Paris Convention - 7th December, 1998
Patent Cooperation Treaty - 7th December, 1998
Budapest Treaty - 17th December 2001
Modernising IPO – 2000-2007

- US $ 34 million project for infrastructure creation and upgradation of IPO implemented in 9th and 10th plan

Achievements
- Four state-of-the-art integrated IP Office buildings constructed.
- IT enabled efficient systems with LAN, WAN connectivity established
- E-filing facility for Patents and Trade marks Applications launched [July 2007]
- Improved search facilities.
- Four fold increase in number of examiners.
- Establishment of Intellectual Property Training Institute for in-house training.

US $ 72.15 Million project under implementation
Adoption of best practices in IP Administration 2000-2007

- Computerization of IP procedures and system achieved
- Dynamic IPO Website operational
- E-Modules for IP-work flow launched
- Digitization of IP Records in progress
- E-Journals of Patents and Trade Marks published every week and fortnightly respectively
- Preparation of work manual for patent office
Scaling New Heights

Main Objectives of 11th Plan

- Further streamline the working of Indian Patent Office and to enable IPO in operationalisation of ISA/IPEA
- Acquiring world class search tools
- To create infrastructure in Trade Marks Registry to enable to become a member of Madrid Protocol
- To create infrastructure and manpower base to cope up with the ever-increasing rate of filing of applications
- Launching massive national Public outreach campaign
11th Plan Goals

- Construction of new buildings for
  - ISA /IPEA
  - NIIPM
  - IPO complex Ahmadabad
- Four fold increase of human resources
- E-processing facility and total IT solution
- Digitisation of all records with porting on website
- Procurement of additional databases
- Massive public sensitisation programme
- Establishment of NIIPM- for training, education, research and think-tank
Achievements so far
Moving towards Paperless IPO

- E-capturing of Data and Online processing of Patent, Design & TM Applications
- Front Office system has improved with greater accountability of individual heads
- Back Office Systems has improved the Productivity, Accountability & Transparency in IPO Administration Process
- 18 months Publication and Post Grant Publication of Patent Applications through Publication Module
- E-module for Examination and Searching
- E-module for automatic allotment of TM applications to Examiner
Establishment of Data Centre in IPO Delhi

- **Backup Server**, IPO Delhi
- **Primary Server (SUN Solaris)**, IPO Delhi
- **2MBPS Dedicated VPN Connectivity**
- **Disaster Recovery Server (SUN Solaris)**, IPO Mumbai
- **User Terminals at IPO Delhi**
- **Switch**
- **Router**
- **Firewall**
- **XEON Server**, IPO Kolkata
- **XEON Server**, IPO Mumbai
- **XEON Server**, IPTI Nagpur
- **IPO Chennai**
Centralized Design no. generation
Centralized activity like local offices CBR generation
Online filing activities
Six digit Patent no. generation
PCT Int.no. generation
IN/PA no. generation

Establishment Virtual Private Network

Kolkata
Local
Local
Central
Delhi

Mumbai
Local
Local

Chennai
Re-engineered Workflow of the Patent Office

Single Point Entry

Checklist

- Dairy
- R & I
- Issue of Token

Non Cash

Cash

Cash Counter

File Preparation

Electronic Data Processing

Operator 1
Operator 2
Operator 3
Operator 4
Operator 5
Operator n

Quality control

AFR

Pasting Sheet

Screening & Classification

Examiner 1
Examiner 2
Examiner 3

Defence / Atomic reference

Screening Controller

Publication

- Physical file storage
- Physical file Movement On demand

- Dairy
- Issue of Token
- CBR Generation
- Application/Reference no. Generation
- Stamping and file cover

- Critical errors

- Issue of Token

- Single Point Entry

Non Cash

Cash

Single Point Entry
Status of TMR Computerisation

- Procurement, Commissioning and Operationalisation of High-end Application, Database and Backup Servers with SAN at Primary Site [TMR Delhi] and Disaster Recovery Site [TMR Mumbai] connected on TMR-Wide Virtual Private Network (VPN);
- Setting up of Front Office and Back Office Systems for Trade Marks Administration;
- Introduced e-Filing System for Trade Marks [TM] Applications with Payment Gateway and Digital Signature Solutions;
- Setting up of systems for digitizing TM applications and data;
- Migration of existing Trade Marks Registry Automated System (TMAS) data to the new proposed TMR automated system;
Improvement in IPO services

- Centralised generation and accordance of Patent number
- e-Record Keeping
- Patent Agent Registration (Including Examination scrutiny Process & Roll number generation) and IN/PA Number generation
- Facilitating the processing of PCT Applications Filing in India.
On-Line Services

- E-Filing of Patent & Trademark Applications (http://ipindiaonline.gov.in)
- On-line Status of TM Applications
- On-line Status of Patents Applications
- Public Search for TMR Applications
- Public Search for granted patents
- Publishing of Patent & Trademark Journals
- Interactive session for assistance of public
Intellectual Property India: The Journey so far

News


Opportunity to file petitions in case of complaints regarding removal of registered trade marks due to non-payment of renewal fees [More] (29 September, 2010)

Applications are invited for Recruitment of Examiner of Patents and Design. For detail information kindly see the information [booklet]
Candidate may also apply on-line. For online application [Click here] (27 September, 2010)


Result of Trade Marks Agent Examination, 2010 [Notification] | [Result] (23 September, 2010)

Last date for receipt of suggestions on amendment of TMR Rules 2002 extended [More] (22 September, 2010)

Trade Marks Journal now published every Monday [More] (06 September, 2010)

The office of the CGPDTM has now made available to the public a list of Scientific Advisors [More] (30 August, 2010)

Forthcoming Events

Training Programs at NIIPM, Nagpur

Content of this website is published and managed by Office of the Controller General of Patents, Designs & Trade Marks. For any queries regarding this website, please contact the "Web Information Manager, Shri Kamal Singh Gourali, Assistant Controller of Patents and Designs, kamal.singh@nic.in"
## Controller General of Patents Designs and Trademarks

**Indian Patent Information Retrieval System**

### Granted Patents

<table>
<thead>
<tr>
<th>PATENT NUMBER</th>
<th>APPLICATION NUMBER</th>
<th>DATE OF FILING</th>
<th>TITLE OF INVENTION</th>
<th>APPLICANT NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>243200</td>
<td>6207/DELNP/2006</td>
<td>23/10/2006</td>
<td>&quot;AN ALGINATE OLIGOSACCHARIDE COMPOUND&quot;</td>
<td>OCEAN UNIVERSITY OF CHINA</td>
</tr>
</tbody>
</table>

---

Welcome to Indian Patent Information Retrieval System

Last update: 23rd June, 2010
Modernization of IPO [2000-2010]
Patent Applications

Year:
- 1999-2000: 4824
- 2000-2001: 8503
- 2001-2002: 10592
- 2002-2003: 11466
- 2003-2004: 12613
- 2004-2005: 17466
- 2005-2006: 24415
- 2006-2007: 28940
- 2007-2008: 35218
- 2008-2009: 36812
- 2009-2010: 38123

Applications Count:
- 0
- 2000
- 4000
- 6000
- 8000
- 10000
- 12000
- 14000
- 16000
- 18000
- 20000
- 22000
- 24000
- 26000
- 28000
- 30000
- 32000
- 34000
- 36000
- 38000
- 40000
- 42000
Patent Grants


1381  1591  1379  2469  1911  4320  7359  15261  16061

Slide: 21
T M Registration

![Graph showing TM Registration from 1999-2000 to 2008-09]

- 1999-2000: 8010
- 2000-2001: 11190
- 2001-2002: 39762
- 2002-2003: 45015
- 2003-2004: 184,325
- 2004-2005: 109361
- 2005-2006: 100857
- 2006-2007: 102257
- 2007-2008: 100857
- 2008-2009: 102257
Revenue generation
(in US $ Mn.)

- 2000-01: 3
- 2001-02: 4.2
- 2002-03: 4.2
- 2003-04: 5
- 2004-05: 19.3
- 2005-06: 34.84
- 2006-07: 40.24
- 2007-08: 43.86
- 2008-09: 51.15

(in US $ Mn.)
Task Ahead
## Task Ahead - Patents

<table>
<thead>
<tr>
<th>Year</th>
<th>RQ Filed</th>
<th>Examined</th>
<th>RQ pending</th>
</tr>
</thead>
<tbody>
<tr>
<td>2003-2004</td>
<td>12362</td>
<td>10709</td>
<td>2324</td>
</tr>
<tr>
<td>2004-2005</td>
<td>19001</td>
<td>14813</td>
<td>6512</td>
</tr>
<tr>
<td>2005-2006</td>
<td>21926</td>
<td>11569</td>
<td>16869</td>
</tr>
<tr>
<td>2006-2007</td>
<td>20645</td>
<td>14119</td>
<td>23395</td>
</tr>
<tr>
<td>2007-2008</td>
<td>22146</td>
<td>11751</td>
<td>33790</td>
</tr>
<tr>
<td>2008-2009</td>
<td>30595</td>
<td>10296</td>
<td>54089</td>
</tr>
<tr>
<td>2009-2010</td>
<td>25177</td>
<td>5880</td>
<td>73386</td>
</tr>
<tr>
<td>Sep 2010</td>
<td>12841</td>
<td>4867</td>
<td>83719</td>
</tr>
</tbody>
</table>
## Task Ahead - Trade Marks

<table>
<thead>
<tr>
<th>Year</th>
<th>TM Filed</th>
<th>Examined</th>
</tr>
</thead>
<tbody>
<tr>
<td>2004-2005</td>
<td>78996</td>
<td>72091</td>
</tr>
<tr>
<td>2005-2006</td>
<td>85699</td>
<td>77500</td>
</tr>
<tr>
<td>2006-2007</td>
<td>103419</td>
<td>85185</td>
</tr>
<tr>
<td>2007-2008</td>
<td>123514</td>
<td>63605</td>
</tr>
<tr>
<td>2008-2009</td>
<td>130172</td>
<td>105219</td>
</tr>
</tbody>
</table>

-- Backlog of new applications from October 2008 to 31st January 2010 has been cleared as on 07.10.2010

-- New Applications from 1st February 2010 to 1st October 2010 will be completed by 31.03.2011
Future Plan and Up-gradation ICT Services at IPO

- Upgradation of Patents and TMR - ICT infrastructure to meet the requirement of IPO’s working as ISA/IPEA and TMR Offices to have facilities for International Registration of Trade Marks
- Integrating more banks and certifying authorities into e-filing systems for Patents and Trademarks Applications to promote e-filing
- Release of Granted and Published Patent Database in Public domain through IPO website
- Setting up of e-interfaces for IP data transfer to EPO using WIPO standards for Electronic Data Interchange. Compliance with International Standards
- Digitisation of Backlog data for Patent and Trademark Records
- Acquiring/Subscribing International IP databases to meet the searching needs of IP Offices Examiners working as ISA for quality examination
- Upgrading TMR automated systems as per Madrid Protocol requirement
- Periodic evaluations of impacts & benefits of IP automated systems to IP Community
Future Plans towards Total IT Solutions

- Re-engineering of all work processes in IPO
- Further Rationalisation of procedures
- Digitisation of all old records
- e-capturing of all IP data (Bibliographic and digitised) to achieve the goal of Paperless Office
- On-line linkage with branches
- Dynamic website
- Web-enabled processing
- Transparent and user friendly working
Deliverables

- Operationalisation of International Searching Authority (ISA) and International Preliminary Examining Authority (IPEA). **By May 2011**
- Setting up of a National Institute for Intellectual Property Management – training, education, research and IP think-tank functions. **By March 2011**
- World class IT based IP System - **By December 2011**
Concluding remarks

While meeting international obligations with Safeguarding the rights of IP holders and protecting public interest we modernised and made IP administration user-friendly and we aspire to Inculcate IP culture and Enlarge IP community base.