Latest Updates of WIPO

Meeting of IP5 Heads of Office and IP5 Industry

New Orleans, United States
June 13, 2018

Mr. John Sandage
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Patents and Technology Sector
World Intellectual Property Organization
PCT Applications

243,500 international applications in 2017 (+ 4.5 %)

152 Contracting States
International applications received in 2017 by country of origin

- **U.S.**: 56,624 (0.1% increase)
- **China**: 48,882 (13.4% increase)
- **Japan**: 48,208 (6.6% increase)
- **Germany**: 18,982 (3.7% increase)
- **Republic of Korea**: 15,763 (1.3% increase)
- **France**: 8,012 (-2.4% decrease)
- **U.K.**: 5,567 (1.2% increase)
- **Switzerland**: 4,491 (2.8% increase)
- **Netherlands**: 4,431 (-5.2% decrease)
- **Sweden**: 3,981 (7.0% increase)
Top 10 PCT Applicants (2017)

1. Huawei Technologies: 4,024
2. ZTE: 2,965
3. Intel: 2,637
4. Mitsubishi Electric: 2,521
5. Qualcomm: 2,163
6. LG Electronics Inc.: 1,945
7. BOE Technology Group: 1,818
8. Samsung Electronics: 1,757
9. Sony: 1,735
10. LM Ericsson: 1,564
PCT Operations at a Glance

- Since 2007, applications increased from 160,000 to 244,500 – 53% growth overall (about 4.5% in 2017)
- Fully Electronic Filings – now 95%
- PCT Staffing
  - Since 2008 – FTEs reduced from 356 to 282 – 74 posts suppressed, 21% reduction
  - But – productivity increased by 89% since 2008 overall, and 12.1% in 2017
- Quality in the IB
  - Overall output quality increased from 81% to 97.1% since 2007
- No effective fee increase in 14 years since 2004!
  - Effective filing fee is only a third what it was in 1992
  - Unit cost per application for the biennium 2016/17 went down by 0.5 percent compared to the biennium 2014/15, despite an increase in indirect costs
Milestones in 2017-2018

- 40 Years of the PCT
  - 40th anniversary of the entry into force (since January 24, 1978)

- New International Authority
  - Intellectual Property Office of the Philippines (23rd)

- Extension of the appointment of all existing PCT Authorities (10-year period until December 31, 2027)
PCT Working Group and SCP

- PCT/WG (June 18-22, 2018, Geneva)
  - Review of PCT Roadmap recommendations
    - directions of ongoing work still appropriate?
  - International Applications linked to United Nations Security Council Sanctions
    - actions to be taken for applications concerned
  - Fee reductions for Universities (BR proposal)
    - workshop at the outset of the session
  - Reports on IT environment
    - focus on better means of cooperation among Offices

- SCP (July 9-12, 2018, Geneva)
WIPO Meeting of IPOs on ICT Strategy and AI (May 23 - 25)

- Exploration of more coherent ICT strategy including PCT data exchange
- 40 recommendations were discussed and generally supported
- XML standards implementation needs to be promoted
- For machine to machine data exchange, consistency of APIs across IP offices was underlined
- Worldwide barrier free patent data dissemination policy and the formalization of this principle were supported
- WIPO presented all ICT-related projects
AI and IPO Administration

- WIPO survey shows that some 20 IPOs have already used AI-empowered tools.
- First exchange of experience on AI-empowered tools for IPO administration.
- Their focus are on automatic classification tools, image search tool and the prior art search tools.
- WIPO’s web site will be created to allow IPOs to continue the exchange of information and reinforce international cooperation.
Areas of AI Applications

- Patent Prior Art Search: 9
- Image Search: 8
- Automatic Patent Classification: 7
- Files Administration: 6
- Machine Translation: 4
- Help Desk: 4
- Others: 6