Missed Opportunities

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About IIPi

Nonprofit, nonpartisan

Based in Washington, DC

Promoting IPR

Increasing competitiveness

Focus on developing countries

iipi.org
Two of World’s Foremost IP Experts

Hon. Bruce A. Lehman
Former USPTO Commissioner

Jorge Amigo Castañeda
Founder and DG of IMPI for 17 years
Partners

United States Patent and Trademark Office (USPTO)

Public Interest Intellectual Property Advisors (PIIPA)

Intellectual Property Office of the Philippines (IP Philippines)
The top five offices accounted for 76.2% of total global patent applications in 2008.

“Patent and GDP data by income groups show that patent application data are more concentrated than GDP.”
Asymmetry in the Global Patent System

Source: World Intellectual Property Indicators 2010

<table>
<thead>
<tr>
<th>Country</th>
<th>Non-Resident Share %</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States of America</td>
<td>49.2</td>
</tr>
<tr>
<td>Japan</td>
<td>15.6</td>
</tr>
<tr>
<td>China</td>
<td>32.9</td>
</tr>
<tr>
<td>Republic of Korea</td>
<td>25.5</td>
</tr>
<tr>
<td>European Patent Office</td>
<td>100</td>
</tr>
<tr>
<td>Germany</td>
<td>21.1</td>
</tr>
<tr>
<td>Canada</td>
<td>88</td>
</tr>
<tr>
<td>Russian Federation</td>
<td>33.8</td>
</tr>
</tbody>
</table>

Non-Resident Share %
Asymmetry in the Global Patent System

2008 Patent Applications in 13 Select Middle Income Countries

Source: World Intellectual Property Indicators 2010

Non-Resident Share %

- Ukraine: 50.4
- Malaysia: 84.6
- Chile: 86.6
- Philippines: 93.5
- Turkey: 7.3
- Egypt (2007): 75.5
- Pakistan: 89
- Peru: 98
- Romania: 3.5
- Morocco: 82.5
- Algeria (2007): 90.1
- Uruguay: 95.5
- Jordan (2007): 89.6

Resident and Non-Resident Applications

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Asymmetry in the Philippines

2009 Patent Applications in the Philippines and Its Neighbors

- Thailand
- Malaysia
- Indonesia
- Philippines
- Vietnam

Resident
Non-Resident

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Asymmetry in the Philippines

Of the roughly 1,000 patent filings per year in the Philippines...

... 90% are filed by foreign entities

... less than 5% are filed by Philippine research institutions
The Philippines are home to a creative and innovative people... but...

... there is a failure to capture and exploit their inventions.
10+ databases worldwide...

over the past 10 years...

from 9 institutions...

UP-Diliman, UP-Los Banos, UP-Manila, Ateneo de Manila, UST, De La Salle, IRRI, PHILRICE, Inst. of Tropical Medicine

roughly 1,000 publications
Three Categories

- Potentially patentable subject matter
- Not patentable subject matter
- Unable to determine
27% of publications contained potentially patentable subject matter.
Technologies

Applications by Industry

- Agricultural: 35%
- Chemical: 14%
- Electrical: 1%
- Mechanical: 1%
- Medical: 1%
- Physics: 39%

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### Potentially Patent-eligible

<table>
<thead>
<tr>
<th>Field</th>
<th>Percentage of Publications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agricultural</td>
<td>28% of 390 publications</td>
</tr>
<tr>
<td>Medical</td>
<td>22% of 360 publications</td>
</tr>
<tr>
<td>Electrical</td>
<td>44% of 13 publications</td>
</tr>
<tr>
<td>Mechanical</td>
<td>83% of 6 publications</td>
</tr>
</tbody>
</table>
Increasing Research, Flat Patent Filings

From 2000 to 2010 annual research publications increased 250%...

but...

patent filings by Philippine institutions (public and private) did not change much
Thank You

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