

# Missed Opportunities

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# About IIPI

Nonprofit, nonpartisan

Based in Washington, DC

Promoting IPR

Increasing competitiveness

Focus on developing countries

# 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)**

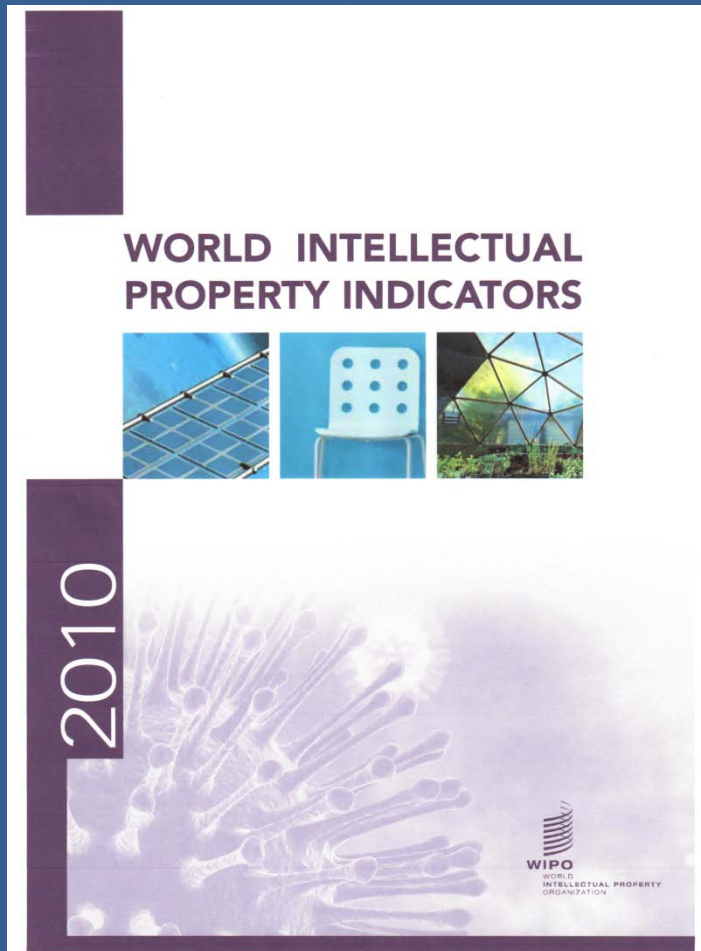


**Public Interest  
Intellectual  
Property  
Advisors  
(PIIPA)**



**Intellectual  
Property Office  
of the  
Philippines  
(IP Philippines)**

# Asymmetry in the Global Patent System



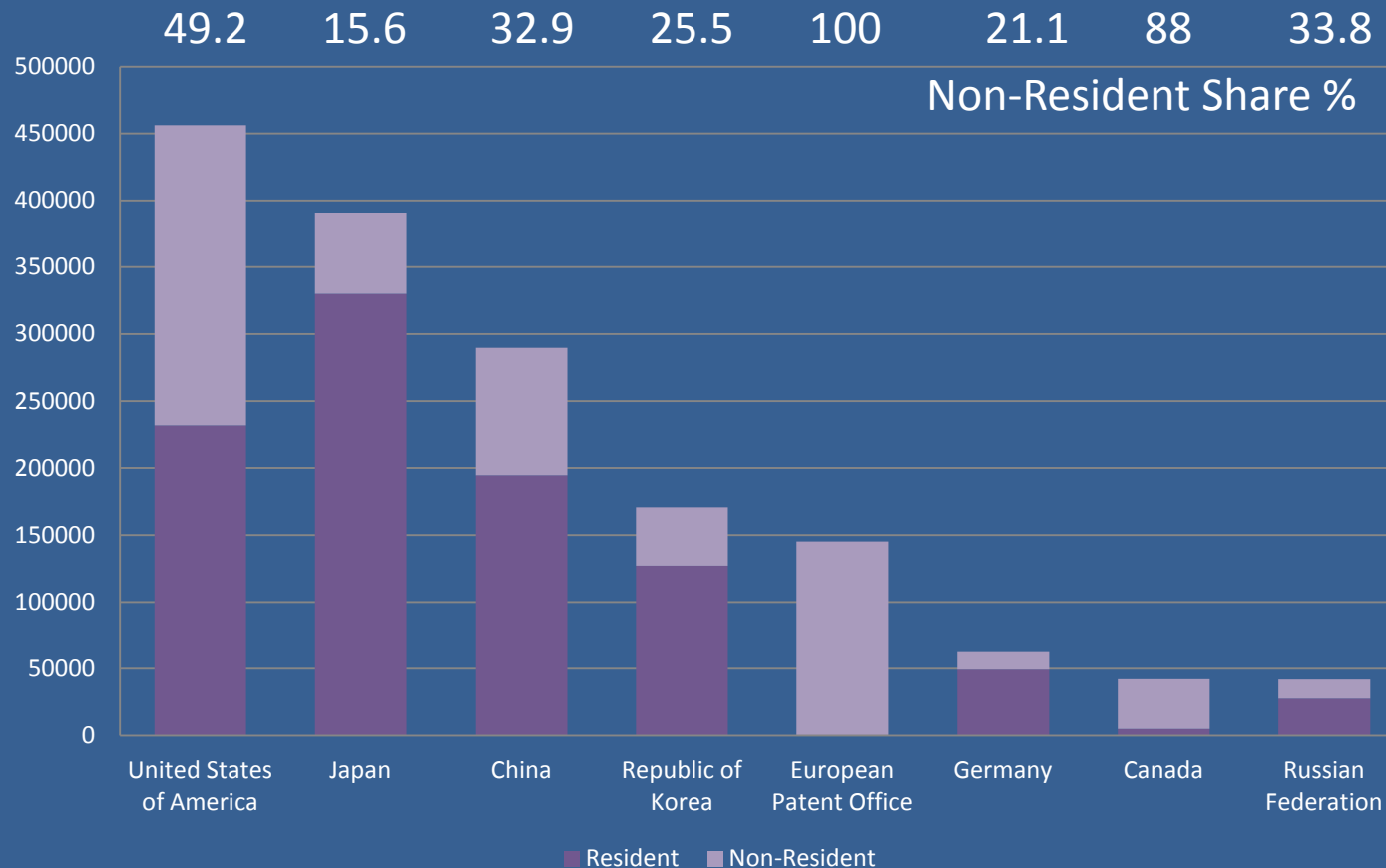
The top **five** offices accounted for **76.2%** of total global patent applications in 2008.

“Patent and GDP data by income groups show that patent application data are **more concentrated** than GDP.”

# Asymmetry in the Global Patent System

## 2008 Patent Applications by Country

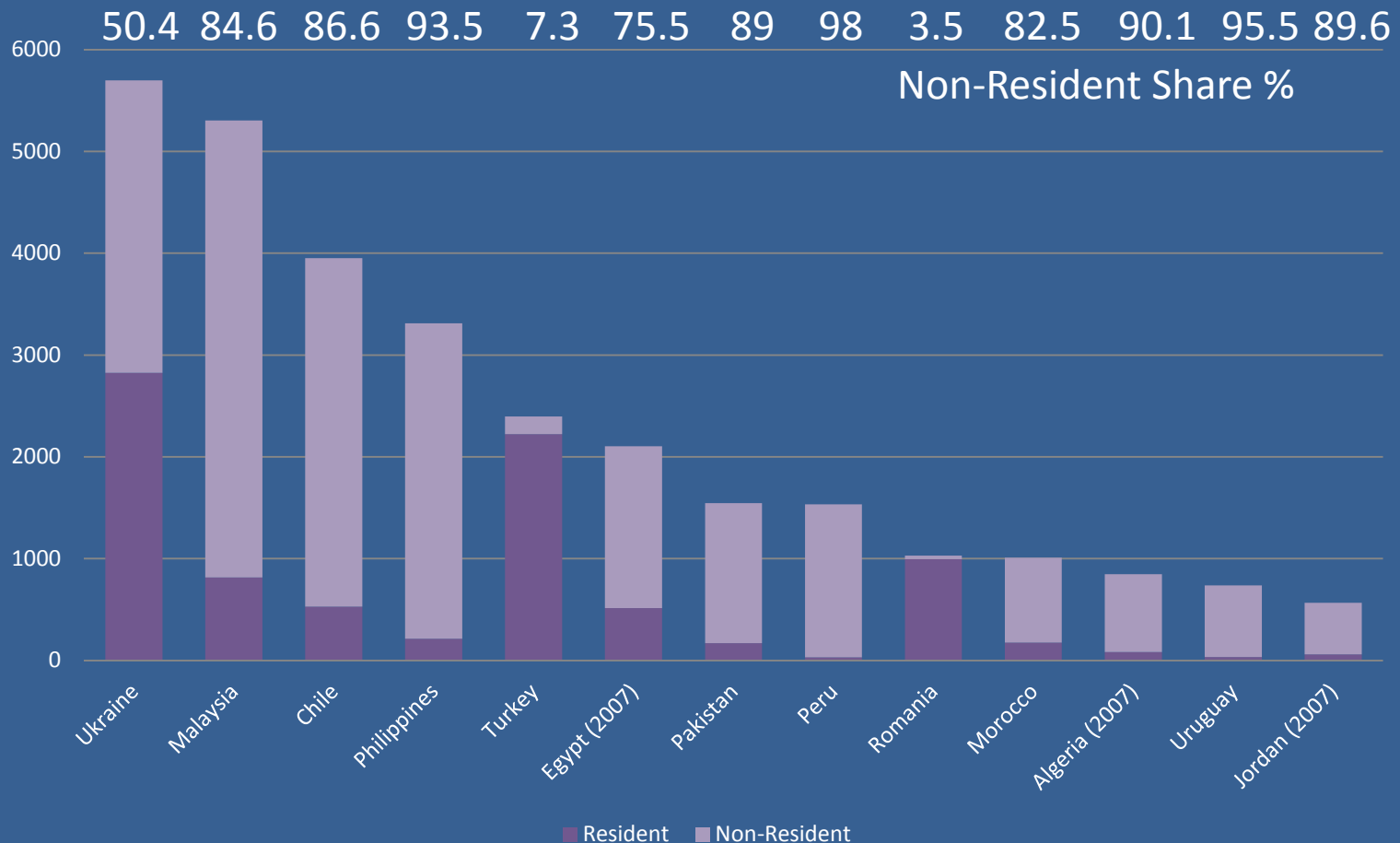
Source: World Intellectual Property Indicators 2010



# Asymmetry in the Global Patent System

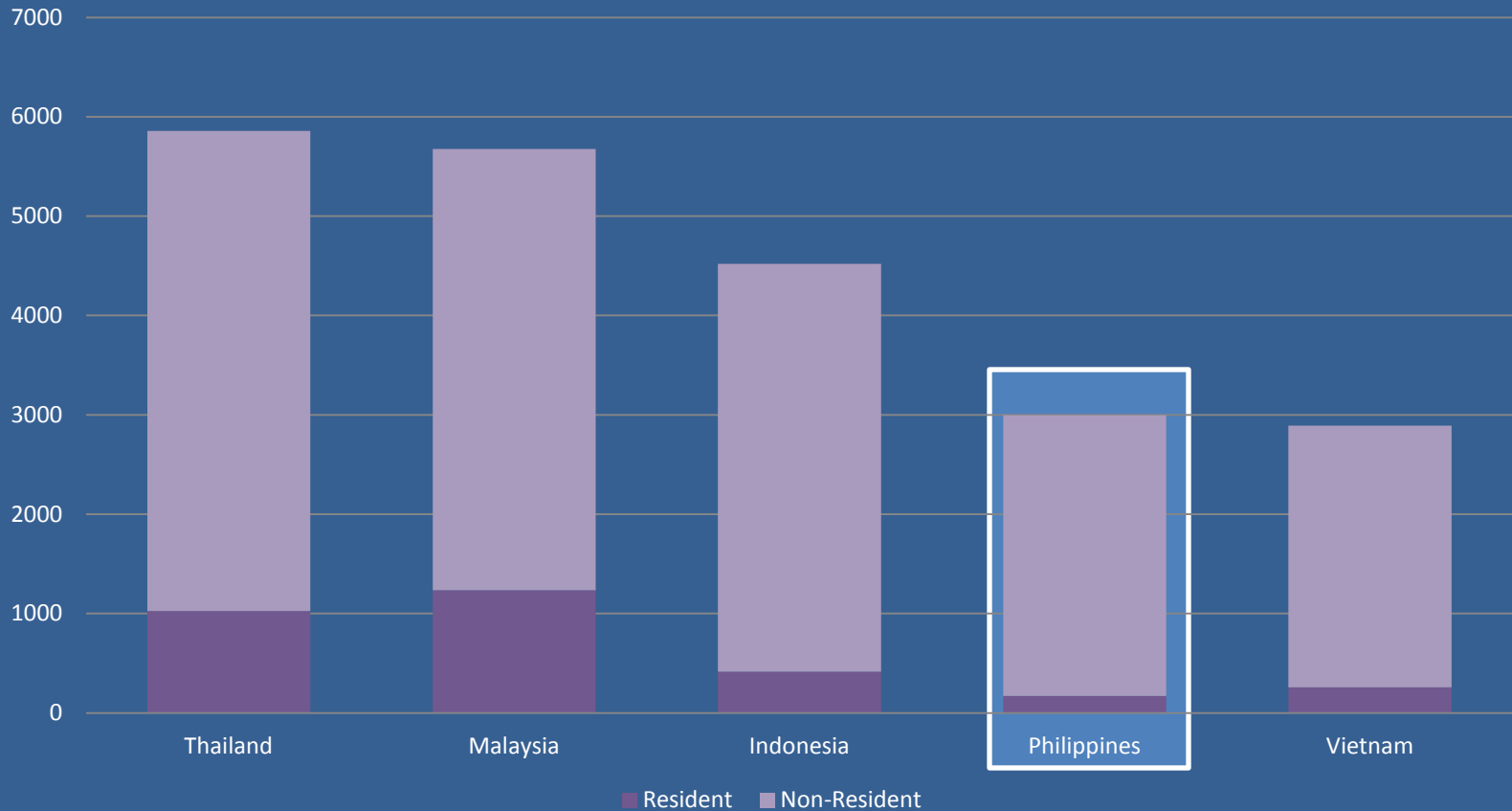
## 2008 Patent Applications in 13 Select Middle Income Countries

Source: World Intellectual Property Indicators 2010



# Asymmetry in the Philippines

## 2009 Patent Applications in the Philippines and Its Neighbors





# 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

# Assumption

The Philippines are home to a **creative** and **innovative** people...

**but...**

... there is a failure to **capture** and **exploit** their inventions.

# Team Members



# Search Method

**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

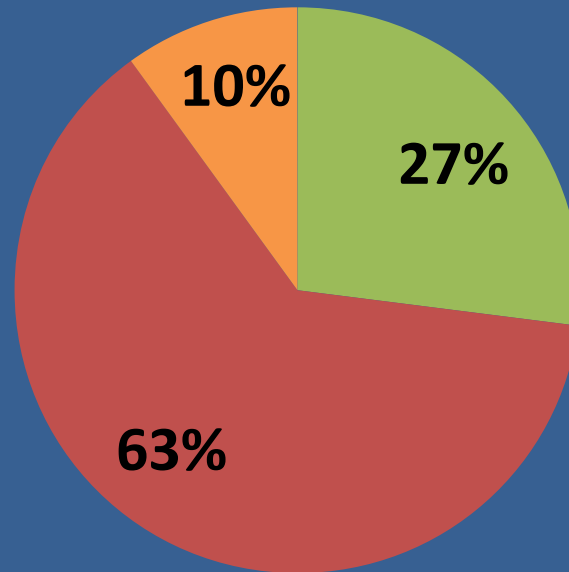
# Three Categories

- Potentially patentable subject matter
- Not patentable subject matter
- Unable to determine

# Results

## Results by Category

■ Potentially Patentable ■ Not Patentable ■ Unable to Determine

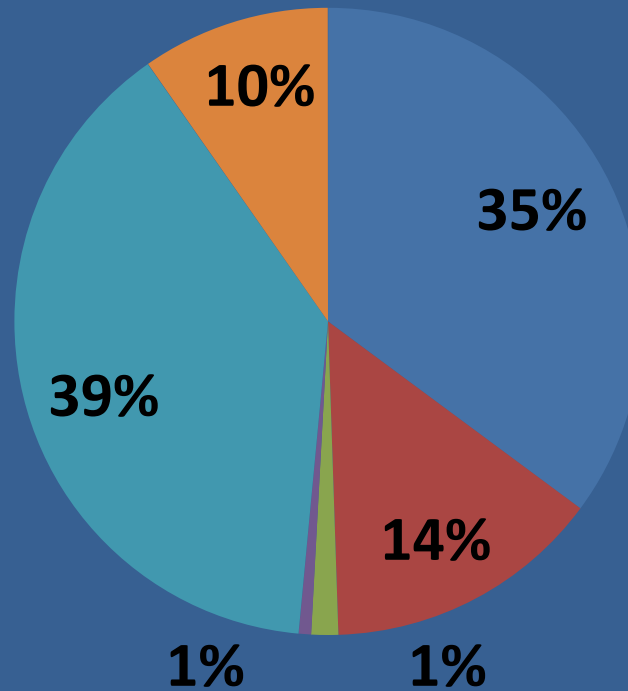


27% of publications contained **potentially patentable** subject matter

# Technologies

## Applications by Industry

■ Agricultural ■ Chemical ■ Electrical ■ Mechanical ■ Medical ■ Physics



# Potentially Patent-eligible

Agricultural	28% of 390 publications
Medical	22% of 360 publications
Electrical	44% of 13 publications
Mechanical	83% of 6 publications



# 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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