

# **2025 FICPI Symposium** Jeju Korea



FÉDÉRATION INTERNATIONALE DES CONSEILS EN PROPRIÉTÉ INTELLECTUELLE

INTERNATIONAL FEDERATION OF INTELLECTUAL PROPERTY ATTORNEYS

INTERNATIONALE FÖDERATION VON PATENTANWÄLTEN



### 2025 FICPI Symposium JeJu Korea







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Sponsor of the FICPI Korean Symposium

# **MANAGEMENT TOPIC 2**

## **IP Service Providers:**

# Blessing or curse?



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## 4 April 2025 14:00-15:30

## **Moderator:**

## **Uwe R. BORCHERT**

## patcare Patentanwälte

## Germany



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Puschmann · Borchert Kaiser · Klettner · Hering patcare Patentanwälte

# Who is moderating?

Uwe R. Borchert Member of the Bureau as Treasurer General of FICPI Partner at patcare Patentanwälte in Munich

I am a German an European, Patent, Trademark and Design Attorney and representative before the UPC

My technical backround is mechanical engineer, specialized in production planing



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# Introduction

- There is no doubt that service providers have influenced our practice in IP law firms, e.g. renewal fees or translations are nowadays mainly handled by service providers.
- On the other hand, the rapid development of technology also has an impact on our practice in IP law firms, which we have to manage with the help of service providers. Software tools and AI are completely changing our workflows and the way we work in our day-to-day practice.
- Added to this is the cost pressure from clients, the time pressure due to deadlines and the staff selection and training that IP law firms are confronted with.
- Based on this field of tension with which IP law firms and patent attorneys are confronted, we have chosen the provocative title for this session 'IP service providers - blessing or curse?'.
- This topic will be approached from different perspectives, on the one hand from the point of view of the service providers, from the point of view of an IP law firm and from the point of view of the industry.



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**Puschmann** · Borchert Kaiser · Klettner · Hering patcare Patentanwälte

# **Our speakers**









**JiHoon KIM** Lead Business **Solution Consultant** Clarivate

Andrew AHN **Country General** Manager Korea

Luna ZHANG **Senior Counsel** Lawyer







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### **Eunha SUNG Senior Director**



## **JiHoon KIM**

Lead Business Solution Consultant Clarivate

**Republic of Korea** 



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## Clarivate

## **Andrew AHN**

# Country General Manager Anaqua

## **Republic of Korea**



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# **Andrew Ahn**

**Country Manager** : Global IP service providers

- Anaqua ullet
- Clarivate lacksquare
- CPA Global  $\bullet$
- Lexis Nexis lacksquare

Key managerial positions at

Intellectual Ventures/KPMG/EY/VISA/Samsung Electronics/Citibank •

MBA - Marshall School of Business, University of Southern California



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# AI and the Future of IP Solutions & Services

April ,2025 Andrew Ahn



## Agenda

## **1.** Introduction- Anaqua & Unique Offerings

## 2. AI Technologies at Anaqua

## **3.** AI Technologies: Considerations & Future Opportunities



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## Introduction:

## Anaqua &

# **Unique Offering**



## **Anaqua: Our Software & Services**



### AQX<sup>®</sup> 11

- IP management software platform
- 400+ global clients



### PATTSY WAVE®

- Patent and trademark docketing software
- ~200 global clients



### AcclaimIP ®

- Patent analytics software
- Integrated with IPMS



### **AI Classifier**

Automatically applies & maintains
 classification schema to your own and
 3rd-party portfolio



### **Integrated IP Services**

- Patent annuity & trademark renewal services
- Foreign Filing services
- Patent search services



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## **1,500+** Customers

# 650K+

#### **IP** Payments



#### **Retention Rate**

900+

#### Employees

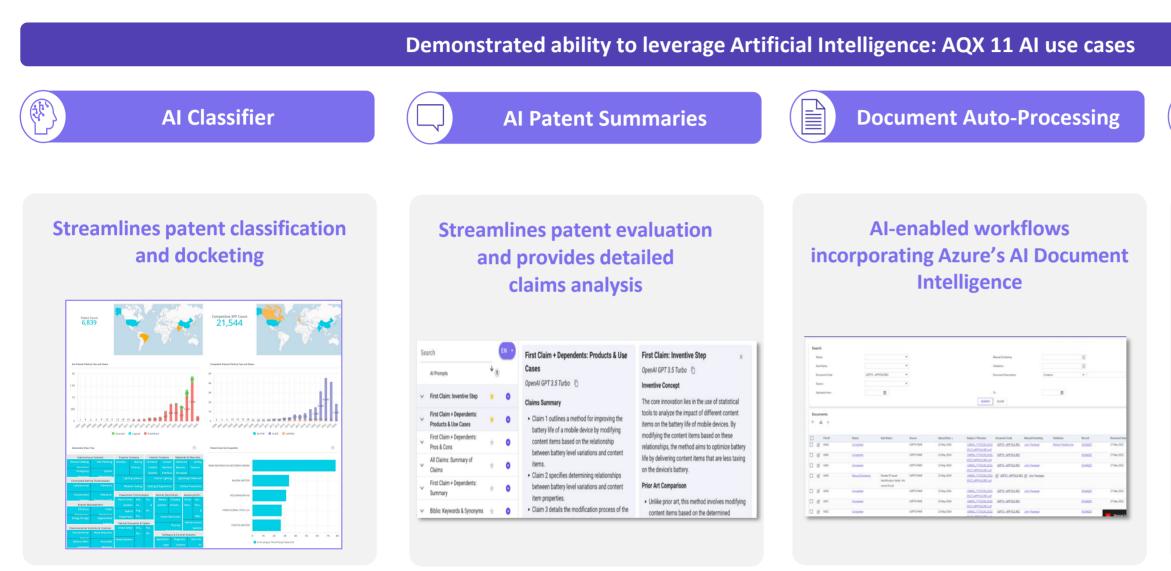


# **AI Technologies**

# at Anaqua



## **Overview:** AI Technologies



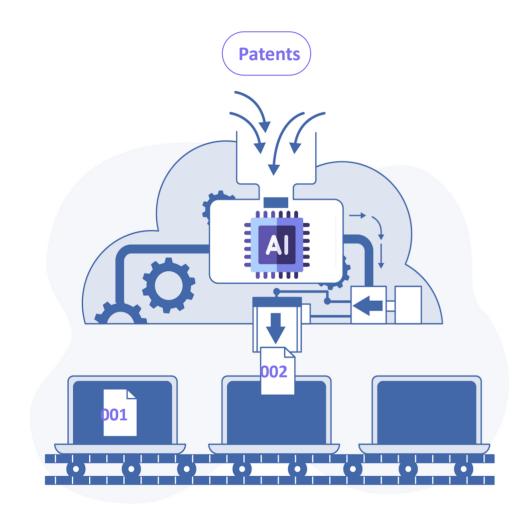
**Continued R&D Investment in Artificial Intelligence: Roadmap Priorities** 



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Ti	ime and Bil	ling		
NarrateGPT: using captured information to speed up invoicing process				
FRI MAR 7	SAT MAR 8	SUN MAR 9 vord Q III >		
Narrative		Auto Narrative		
Reviewing reminder for completion of declaration and corresponding on status update regarding trademark matters in Outlook.				

## **Deep Dive: What is an Al Classifier ?**



A Classifier is an AI model that automatically applies and maintains your classification schema to your Patent Portfolio and Third-Party Patent Portfolios

Accuracy is equivalent to a human SME. Performance is 10,000X faster



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## **Deep Dive: Solving Challenges with AI Classifier**



Classifying your own patents is complex and time-consuming: your IP evolves and so do your business and your competitors

Classifying your competitive patents

impractical. Competitive universes

range from 50K to 2M records...

Lack of classification prevents a)

communication with business

assets and b) effective

partners.

alignment of IP assets to business

manually on a large scale is



**Challenge:** Classify 18,916 patents in your competitive universe



Traditional Method – Only your portfolio **192.69 Days** Annual Cost: \$150k+





Annual Cost: \$50k

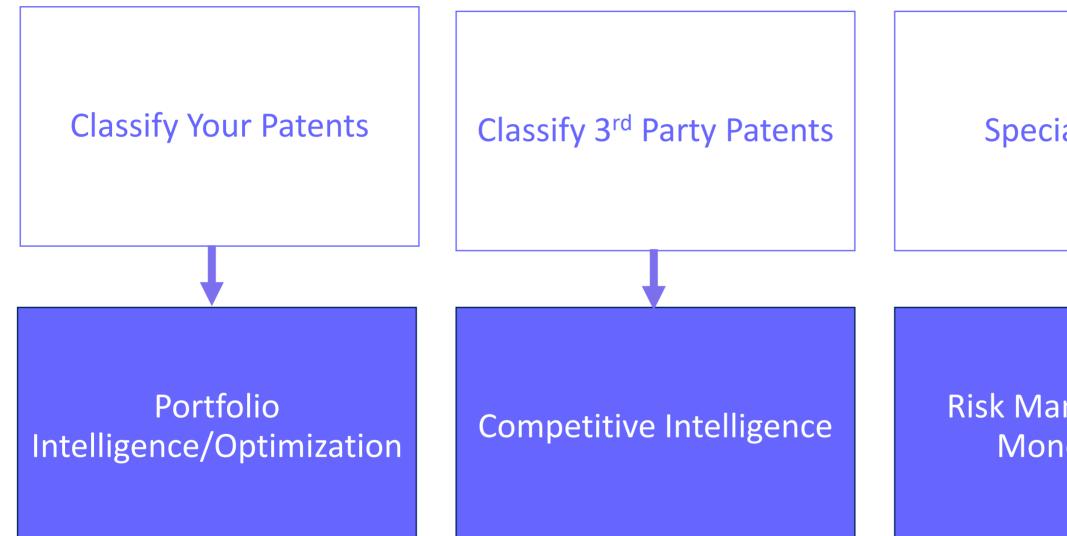
Save 192.69 working days with Anagua automation That's almost a full working year before your morning coffee



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## **Deep Dive: Benefits of AI Classifier**





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### **Special Projects**

# Risk Management & Monetization



## **AI Technologies:**

## **Considerations & Future**

## **Opportunities**



## **<u>Al Technologies:</u>** Understanding the limitations... for now

## **Data Security and Confidentiality** • Risk of exposing undisclosed inventions, compromising novelty Potential for data breaches of confidential information • Unintentional cross-referencing of client data, violating privilege

#### Legal and Regulatory Challenges

- Ambiguity in AI-related inventorship and ownership
- Uncertainty in admissibility of AI-generated evidence
- Regulatory frameworks lagging behind AI advancements

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### **Accuracy and Reliability**

- Incomplete patent searches due to NLP\* limitations
- Biased results from machine learning models
- Struggles with nuanced interpretation of patent claims

#### **Human Expertise and Relationship**

- Potential decline in human critical thinking skills
- Al's inability to fully grasp inventors' vision and strategy
- Reduced face-to-face interactions, risking misunderstanding





## **<u>AI Technologies:</u>** Future Opportunities

Continued development of AI solutions in collaboration with Anaqua Client Working Groups

Focus on practical AI solutions to simplify IP work and meet

deadlines more easily

**Development and Collaboration to Capture Future Opportunities** 



Enhanced efficiency and accuracy in IP management processes



Cost reduction in IP- related operations



Improved resource allocation and strategic decision- making



Ensuring data security and privacy



Maintaining human oversight and expertise in AI- assisted processes



Continuous adaptation to evolving AI technologies



01

02

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## Luna ZHANG

# **Senior Counsel Kangxin Partners**

## P.R. China



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# GKANGXIN

## **IP Service Providers, Blessing or Curse?**

**Opportunities and Challenges** from the Perspective of an IP Law Firm

> Luna ZHANG, Kangxin Partners 04, 03, 2025





## Introduction of Kangxin



Established in 1994

Offices: Beijing , Tianjin, Qingdao, Xian, Wuhan, Hangzhou, Guangzhou and Dongguan



Full IP Services, technology in our DNA:IT systems deployed and put into operation: from 2009Digitalization operation : from 2013Exploration and Application of AI: from 2017





## Luna (Xiaolu) ZHANG



## The Rise of IP Service Providers

### **Definition and Scopes**

Companies leveraging technology platforms to deliver IP-related services to clients

- Basic Services: Annuity payments, trademark renewals, Global IP data, etc.
- Advanced Services: Patent analytics, infringement monitoring, IP portfolio management, IP applications, etc.

### **Driving factors**

- Technological advancements (AI, automation, cloud-based platforms).
- Increasing demand for cost-effective and efficient IP services.
- Globalization of IP markets and the need for scalable solutions.



lients ı, etc. olio management, IP

## The Rise of IP Service Providers

### **Cite examples**

Anaqua, Clarivate, Questel, PatSnap, etc..

### **Our collaborated work**

- All fields, from the basic services to advanced services
- Examples with Anaqua, Clarivate, Questel





## The "Curse" – Challenges for IP firms

### 1. Threats to Traditional Business Models:

Competition on price and efficiency for basic services (e.g., annuity payments, docketing). 0

### 2. Erosion of Client Relationships:

- The sales strategy of IP service providers is aggressive 0
- Clients may prefer self-service platforms or streamlined solutions. 0

### 3. Pressure to Innovate:

- Law firms must invest in data, technology and new service offerings. 0
- Balancing tradition with innovation can be challenging. 0



## The "Blessing" – Opportunities for IP firms

- 1. Collaboration Over Competition:
  - Partnering with IP service providers to offer hybrid solutions
- 2. Focus on High-Value Services:
  - Emphasize areas where human expertise is irreplaceable
  - Position the firm as a strategic partner rather than a service provider.
- 3. Enhanced Client Benefits:
  - Leverage technology to improve client experience
  - Offer tailored solutions that combine the best of both worlds (tech efficiency + legal expertise).
- 4. New Revenue Streams:
  - Develop proprietary tools or platforms to complement legal services.
  - Explore consulting roles in IP strategy and innovation management 0



## My Story in TR and Kangxin



## **Clarivate 2013 - 2018**

- Working with most large IP firms in China
- Providing them with data and analysis
- Assisting them to serve rights owners



## KangXin 2019 -

- Working with most global service providers for global data, global annuity work and some basic IP flings in China





# Strategies for IP Law Firms How can firms remain competitive amid change?

Surveys show 80% of clients still value personalized advice from lawyer.

We need to highlight the irreplaceable role of law firms

1. Combine tech with human expertise 2. Focus one core strengths, professional judgement and client trust



## Strategies for IP Law Firms

# Technology isn't the enemy—it's a lever

### **Short-Term Strategies:**

- . Assess current services, identify areas replaceable by tech.
- Establish initial partnerships with IP service providers. .

#### **Long-Term Strategies:** 0

- Invest in technology: Develop in-house tools or train teams.
- Reposition: Shift from "service providers" to "strategic partners."





## Summary ge is here—are we read

- **Recap Key Points:** •
  - IP service providers are reshaping the IP landscape, presenting both challenges and opportunities.
  - Law firms must adapt by embracing innovation while maintaining their core strengths.

#### **Final Thought:** •

"The question is not whether IP service providers are a blessing or a curse, but how we, as IP law firms, choose to respond to this transformation. By leveraging technology and focusing on high-value expertise, we can turn this challenge into an opportunity to better serve our clients."







# Thank you!

Luna ZHANG, Kangxin Partners 04,03,2025



## **Eunha SUNG**

# **Senior Director** CHA Medical Group, CHA Hospital

**Republic of Korea** 



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# **Eunha Sung, Patent Attorney**

Career	<ul> <li>(2014~) CHA Medical Group, IP Senior Director</li> <li>(2012~2014) Plus International Patent Office, Bio &amp; Chemical IP part</li> <li>(2010~2012) Korean Research Institute of Chemical Technology, Sen</li> <li>(2006~2007) Korean Institute of Information Tehcnology, Reseached</li> <li>(2002~2006) Hana Patent Law Office , Bio &amp; Chemical IP Part</li> </ul>
Education	<ul> <li>(~2010) Master' in Bioinformatics, University of Birmingham, UK</li> <li>(~1999) Bachelor's in Biology, Korean University, KR</li> </ul>



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### rt

### nior Researcher

### er



# **CHA Medical Group**



► University	Research Institute
<ul> <li>Undergraduate</li> </ul>	<ul> <li>Medical School</li> </ul>
School - Life Sciences - Health Sciences - Nursing - Pharmacy - Integrated Social Science	•Graduate School - General - Health Industry - Integrated Medicine - Art Therapy - Clinical Pharmacy
► Corporation	
<ul> <li>Korea</li> <li>CHA Biotech (KOSDAQ)</li> <li>CMG Pharmaceutical (KOSDAQ)</li> <li>CHA Healthcare</li> <li>CHA Meditech</li> </ul>	<ul> <li>Seoul CRO</li> <li>CHA Cares</li> <li>CHA Vaccine Institute</li> <li>Solidus Investment</li> <li>CHA Bio F&amp;C</li> <li>CHA Bio Lab</li> </ul>
Japan	Singapore
•CHA Medical Service (Toky	<ul> <li>o) •CHA Healthcare Singapore</li> <li>•CHA IVF(Taiwan) Pte, Ltd.</li> </ul>
►General Hospital & Special	Ity Hospital ►I
<ul> <li>CHA Medical Center (Gangn Gumi, Ilsan)</li> <li>CHA Women's &amp; Children's I Daegu)</li> <li>Research Institute for Wome</li> </ul>	Medical Center (Bundang,
<ul> <li>CHAUM (Chungdam)</li> <li>CHAUM Global Stem Cell Cl</li> <li>CHA Hollywood Medical Cer</li> </ul>	



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•CHA Biotech : CHA Stem Cell Institute •CHA Cares : BIT Research Institute •CHA F&C : Company Laying Research Institute

•CHA Advanced Research Institute

#### USA

•Matica Holdings, Inc. (L.A)

•Matica Biotechnology, Inc. (Texas)

•CHA Health Systems, Inc. (L.A)

#### Australia

•CHA SMG Australia Pte, Ltd.

•CHA SMG Australia Holding Pty, Ltd.

•CFC Global Pty, Ltd.

#### ore Pte, Ltd. Taiwan

•CHA IVF(Taiwan) - Branch office

#### ► Healthcare Management

•CHA Healthcare Management (L.A) •CHA Cord Blood Bank, i - Cord •CHA Public Cord Blood Bank Integrated Stem Cell Bank, Bio Insurance •CHA Paramedic Center

# **CHA Medical Group**

#### SINGAPORE

Astra Laparoscopic Astra Women's Specialists Astra Laparoscopic Astra Centre for Women Fertility · Astra Laparoscopic Astra Women's @ Bishan Astra Laparoscopic Astra Women's @ Toa Payoh Astra Laparoscopic Astra Women's @ Hougang Astra Laparoscopic Astra Women's @ Punggol Astra Laparoscopic Astra Women's @ Jurong east Astra Laparoscopic Astra Women's Specialists @ Paragon Astra Laparoscopic Astra Women's Specialists @ Napier Astra Laparoscopic Astra Women's Specialists @ Tampines Astra Laparoscopic Robotic Centre for Women and Fertility @ Paragon Astra Laparoscopic Robotic Centre for Women and Fertility @ Mt E Novena Cardiac Centre International Kids Clinic @ Toa Payoh Kids Clinic @ Bishan Kids Clinic @ Mt Alvernia Kids Clinic @ Novena Kids Clinic @ Bedok Kids Clinic @ Punggol Kids Clinic @ Tampines Teen, Kinds and baby Clinic HiDoc Medical Centre

#### VIETNAM



Lifescan Imaging @ Paragon Lifescan Imaging @ Novena Medical Lifescan Medical Centre @ Paragon Lifescan Medical Centre @ Novena Medical LSC Eye Clinic SMG Urology Centre with Beng Surgery @ Farrer Park SW1 Clinic @ Paragon SW1 Plastic Surgery @ Paragon SW1 Clinic @ OUE The Breast Clinic @ Paragon The Breast Clinic @ Mount Elizabeth The Cancer Centre The Dental Studio @ Paragon The Dental Studio @ OUE Downtown Gallery The Dental Studio @ Bishan The Obstetrics Gynaecology Centre @ Mt E Novena The Obstetrics Gynaecology Centre @ Gleneagles Wellness Gynaecology Centre by Dr Julinda Lee @ Paragon SMG Diabetes, Thyroid & Endocrine Clinic @ Mt E Novena SMG Diabetes, Thyroid & Endocrine Clinic ( Tampines

CarePlus Tan Binh Clinic CarePlus District 7 Clinic CarePlus District 1 Clinic SW1 Ho Chi Minh

#### KOREA

US

CHA Gangnam Medical Center CHA Gangnam Women's Medical Center CHA Bundang Medical Center CHA Bundang Women's Medical Center CHA Bundang Medical Check-up Center CHA Ilsan Medical Center CHA Ilsan Medical Check-up Center Chaum Chaum Medical Check-up Center Samseong Branch - CHA Gumi Medical Center CHA Fertility Center Gangnam CHA Fertility Center Bundang

CHA Fertility Center Seoul Station · CHA Fertility Center Ilsan CHA Fertility Center Daegu

#### JAPAN

Total Cell Clinic Tokyo

#### **INDONESIA**

· Ciputra SMG Eve Clinic Jakarta Ciputra SMG Eye Clinic Surabaya



AUSTRALIA

**City Fertility** 



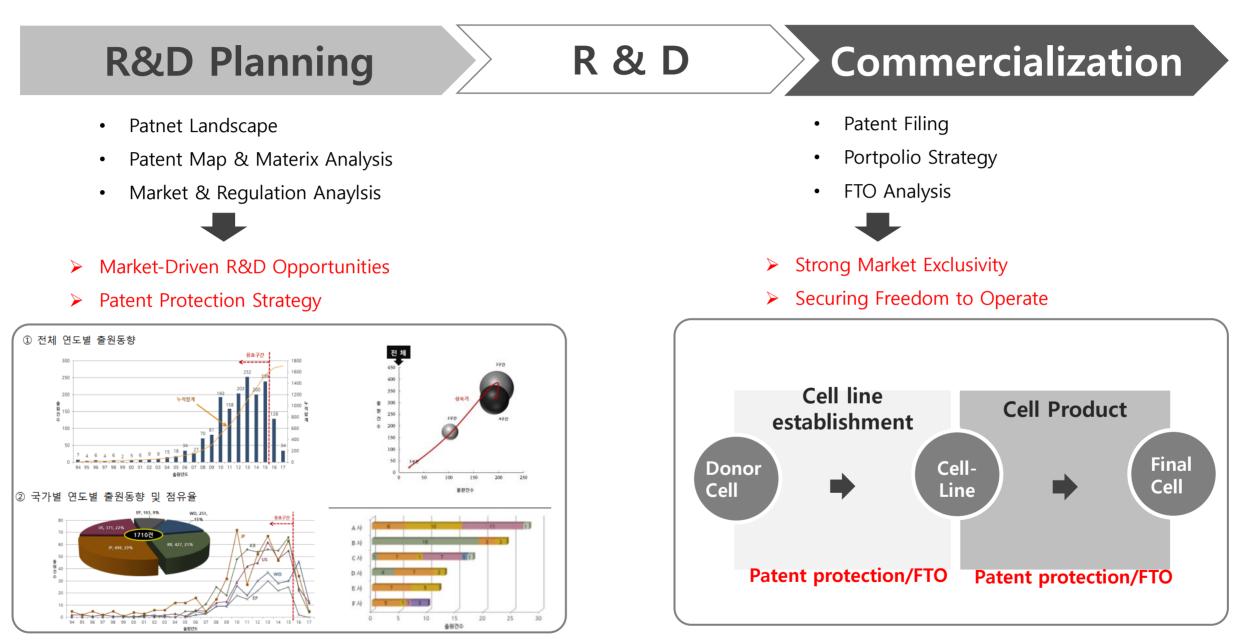
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# **IP Strategy in the R&D at CHA**





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# **IP Service Provides vs IP Law Firms**



Our experience and cases 2

3 What's Missing and Suggestions



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# **1. Industry's View and Challenges**

	IP Service Providers	IP Law Firms
•	IP anayltic reports	<ul> <li>IP Drafting and Prosecution</li> </ul>
•	Prior art searchs	FTO Analysis
•	Patent annuities and renewal fees	<ul> <li>Litigation and Licensing</li> </ul>

- **Global Porfolio Management**
- **Emerging New Technologies**
- **Budget Constraints**
- Litigation Risks



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# 2. Our experiences and Cases

IP Service Providers	IP Law Firms
Time and Cost -effectiveness	Legal expertise for complicated issues
Mass and Routine Cases	Strategic Advisory
Administrative Support	Deep Juridictional Knowledge

- Optimizing Job allocation
- Aligning Roles and Responsibilities
- Addressing Operational Gaps and Discrepancies



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# 3. What's Missing and Suggestions

IP Service Providers	IP Law Firms
Deep Integration	More cost-effective solution
Enhanced Industry Knowledge	Aligning strategies with business g
Strategic Insights	Bundled and Combinded services

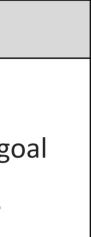
- Integrated IP Support Throughout R&D Process
- Comprehensive Consulting : From FTO Analysis to Commercial Transactions
- Support for Government Funding or Patent-Based Licensing Deals





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## **Management Topic 2**

## Discussion



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# **Questions & Answers**



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## **Management Topic 2**

## Discussion

FICPI members will find an online brochure about "BRACE navigating the impact of Service Providers on IP law firms and patent attorneys", see https://ficpi.org/system/files/FICPI-PMC-BRACE.pdf which have been published recently.



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