

# GD 5 priorities

## Applicant Name Standardization

IP5 WG2 & GDTF Meeting | 14-17 January 2019 | Hague

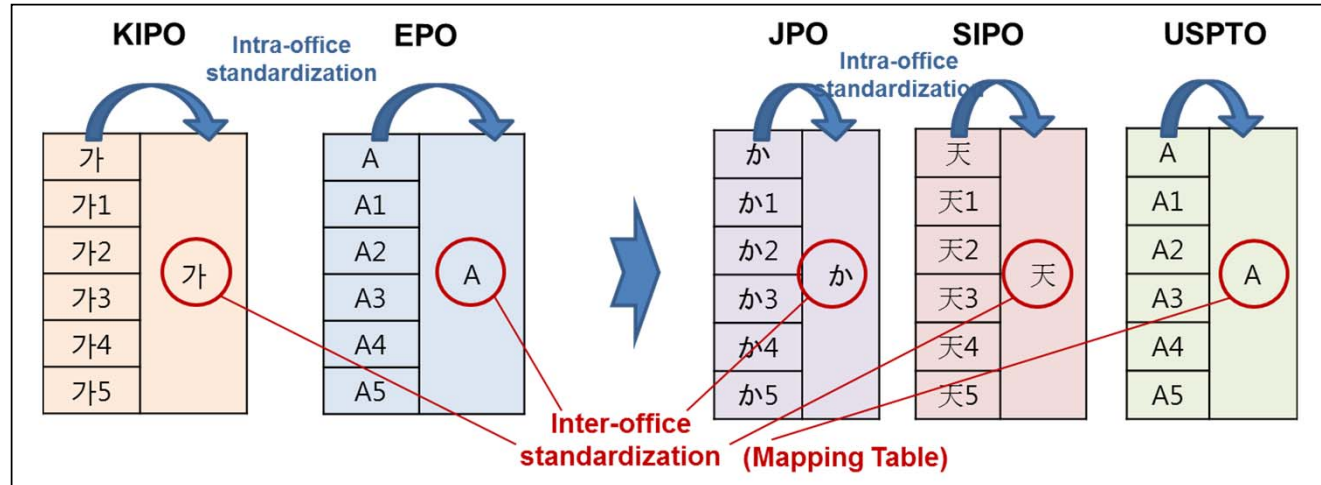


Korean Intellectual  
Property Office



# ANS Pilot Project

- ❖ KIPO conducted an **ANS pilot project for 20 companies** | (2017)
  - To **check the feasibility** of intra-standardization with patent family information
  - To develop and suggest **algorithm of ANS** to minimize manual jobs



# ANS Pilot Project : Decision & Possibility

- ❖ KIPO improved & suggested 3 steps of intra-office standardization procedures using applicant name and address of family patents

Applicant Name	Number of applications
3M Innovative Properties Company	3255
3M Innovative Properties Co.	106
MINNESOTA MINING AND MANUFACTURING COMPANY	74
3M Innovative Properties Company of 3M Center	9
Biophan Technologies, Inc.	6
Paice LLC	5
Whitland Research Limited	4
Medtronic, Inc.	4
Koninklijke Philips Electronics N.V.	4
President, Kyoto University	2
MEDRAD, INC.	2
ALLERGAN, INC.	2
Linear Technology Corporation	2
Cuno Incorporated	2
The University of New Mexico	2

1<sup>st</sup> analysis

Applicant address	Number of applications
3M Center Post Office Box 33427	1668
3M Center, Post Office Box 33427 Saint Paul, MN 55133-3427 US	336
3M Center, P.O. Box 33427 St. Paul, MN 55133-3427 US	328
3M Center P.O.Box 33427 St. Paul MN 55133-3427 US	254
3M Center, P.O. Box 33427	103
Paul, MN 55133-3427 US	92
nt Paul, MN 55133-3427 US	80
3M Center, Post Office Box 33427 Saint Paul MN 55133-3427 US	59
3M Center, P.O. Box 33427 St. Paul, MN 55133-3427 US	54
3M Center, P.O. Box 33427 St. Paul, MN 55133-3427 US	48
3M Center, P.O. Box 33427 St. Paul, MN 55133-3427 US	42
3M Center, P.O. Box 33427 St. Paul, MN 55133-3427 US	35
3M Center, P.O. Box 33427 St. Paul, MN 55133-3427 US	30
3M Center, P.O. Box 33427 St. Paul, MN 55133-3427 US	30
3M Center, P.O. Box 33427 St. Paul, MN 55133-3427 US	15
3M Center, P.O. Box 33427 St. Paul, MN 55133-3427 US	15
3M Center, P.O. Box 33427 St. Paul, MN 55133-3427 US	14
3M Center, P.O. Box 33427 St. Paul, MN 55133-3427 US	11
3M Center, P.O. Box 33427 St. Paul, MN 55133-3427 US	10

Applicant name(EPO publ.)	number of publication	number of publications having the same address as that of the primary	potentially same applicant name	Applicant name(EPO publ.)	KIPO's standardized applicant name	KIPO's standardized code	number of publications
3M Innovative Properties Co.	155	155	x	3M Innovative Properties Co.	쓰리엠 컴퍼니	519980661948	64
MINNESOTA MINING AND MANUFACTURING COMPANY	6195	5661	x	MINNESOTA MINING AND MANUFACTURING COMPANY	쓰리엠 컴퍼니	519980661948	2420
Paice LLC	5	0	x	Paice LLC	쓰리엠 컴퍼니	519980661948	1
Whitland Research Limited	4	0	x	Whitland Research Limited	쓰리엠 컴퍼니	519980661948	1
Medtronic, Inc.	892	0	x	Medtronic, Inc.	메드트로닉 인코퍼레이티드	519990067040	7
Koninklijke Philips Electronics N.V.	20462	0	x	Koninklijke Philips Electronics N.V.	코닌클리크 필립스 엔.브이.	519981119581	9435
President, Kyoto University	3	0	x	President, Kyoto University	교토 다이가쿠	519980593434	1
MEDRAD, INC.	82	0	x	Medrad, Inc.	바이알 헬스케어 일리노이	520030222729	5
ALLERGAN, INC.	629	0	x	ALLERGAN, INC.	알러간 인코퍼레이티드	519980725729	183
Linear Technology Corporation	204	0	x	Linear Technology Corporation	리니어 테크놀로지 코퍼레이션	520010322489	34
Cuno Incorporated	77	0	x	Cuno Incorporated	쿠노 인코퍼레이티드	519980403591	6
The University of New Mexico	12	0	x	The University of New Mexico	쓰리엠 컴퍼니	519980661948	2
Dow Global Technologies LLC	1807	0	x	Dow Global Technologies LLC	다우 글로벌 테크놀로지스 엘엘씨	520020158236	74
Presenius Medical Care Holdings, Inc.	19	0	x	Presenius Medical Care Holdings, Inc.	프렌시우스 메디칼 케어 홀딩스 인코퍼레이티드	520020343619	21
HALKEY-ROBERTS CORPORATION	5797	0	x	HALKEY-ROBERTS CORPORATION	할키-로버츠 코퍼레이션	519980661948	2
Schunk GmbH & Co. KG Spann- und Halte- und Greifsysteme	1106	0	x	Schunk GmbH & Co. KG Spann- und Halte- und Greifsysteme	이코노믹스	520020278563	11
Cuno, Inc.	175	0	x	Cuno, Inc.	쿠노 인코퍼레이티드	519980661948	1
Thomson, Thomson	261	0	x	Thomson, Thomson	#N/A	#N/A	#N/A
Deeja Energy, Inc.	6	0	x	Deeja Energy, Inc.	디지 에너지 인코퍼레이티드	520140253278	1
Colley Pharmaceutical Group, Inc.	11	0	x	Colley Pharmaceutical Group, Inc.	콜레이 파마시유틸 그룹 인코퍼레이티드	520010272028	5
Delphi Technologies, Inc.	5797	0	x	Delphi Technologies, Inc.	델피 테크놀로지스 인코퍼레이티드	519990284799	167
Syngenta Participations AG	1106	0	x	Syngenta Participations AG	신젠타 파티시페이션스 아게	520000540042	297
Donaldson Company, Inc.	175	0	x	Donaldson Company, Inc.	도널드슨 컴퍼니 인코퍼레이티드	519980624426	31
Vertex Pharmaceuticals Incorporated	261	0	x	Vertex Pharmaceuticals Incorporated	버텍스 파마시유틸 그룹 인코퍼레이티드	5199807014936	105
American Home Products Corporation	6	0	x	American Home Products Corporation	아미어스 홈 프로덕츠 코퍼레이션	519980716663	2

2<sup>nd</sup> analysis

3<sup>rd</sup> analysis

List of standardized applicant names

Primary applicant name :

3M Innovative Properties Company

3M Innovative Properties Co.  
MINNESOTA MINING AND MANUFACTURING COMPANY

# ANS Pilot Project : Possibility & Limitation

## ❖ Automation Algorithm

- KIPO recognizes that it is difficult to create an automated algorithm or system and that human labor would be needed for ANS project
- Implementation of intra-office standardization needs long time and much resources

- ❖ Intra-office standardization can be implemented only for the applicants having statistically meaningful amounts of cross-filings across IP5 Offices

# Proposal on GMT(Global Mapping Table): Background

## ❖ Object / Vision

- Recommend that an applicant use the same applicant name in submitting documents to the IP5 offices

## ❖ Benefits

- Simply handle ANS related task without extra work burden
- Prevent errors caused by translation or typo
- Establish the guidance for applicant name and address

## ❖ Possibility of expansion to IP5 tasks

- Inter-office Document Sharing can be implemented based on GMT (WG2)
- Basic data for Harmonization on the law of correction and amendment (WG3)

# Proposal on GMT: Establishment of GMT

	Chinese	English	French	German	Japanese	Korean
ID	name	name	name	name	name	name
	address	address	address	address	address	address
1	三星电子株式会社	SAMSUNG ELECTRONICS CO LTD	SAMSUNG ELECTRONICS CO LTD	SAMSUNG ELECTRONICS CO LTD	三星電子株式会社	삼성전자주식회사
	210012 江苏省南京市雨花台区安德门大街57号6幢5-12楼	129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea	130, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea	131, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea	大韓民國京畿道水原市靈通區三星路 1 2 9	경기도 수원시 영통구 삼성로 129

- ❖ (KIPO) Establish the drafted GMT for companies with the most patent applications
  - To improve efficiency and minimize company's burden to fill the GMT
- ❖ (Industries) Check the drafted GMT and modify it if necessary
  - Companies may not participate in GMT as needed or some items of the drafted GMT can be left blank
- ❖ IP5 offices publish the GMT via IP5 website

# Proposal on GMT: Issues and FAQ

## ❖ Legal Binding

- GMT doesn't have any legal binding force
- There will be no changes in each office's legacy data
- Applicants can use the preferred name and address for each application in the same way as before.

## ❖ Unification of applicant name and address

- Affiliates can use different applicant name and address independently in process of fulfilling GMT (Samsung electronics, Samsung SDS, Samsung display...)

# Proposal on GMT: Future direction

## ❖ **Phase 1: Expansion of participation in GMT**

- Open GMT via IP5 website for sharing the status of participation and encouraging in its use

## ❖ **Phase 2: Digitization of GMT data**

- Extract GMT data and store the data on the server of IP5 web site
- Provide functions of inquire, search and access of a certain data via IP5 website

## ❖ **Phase 3: Self management of GMT in real-time**

- Industries maintain, modify and upgrade its GMT data on the server directly (security and identification needs to be considered in advance)
- The data can be modified in real time by industries



# Proposal: Future plan

## ❖ **KIPO, to establish the drafted GMT(Feb. 2019)**

- To select of target companies
- To make the drafted GMT using GD information

## ❖ **Companies, to review the drafted GMT(Mar. 2019)**

- KIPO, to share the drafted GMT with IP5 offices
- IP5 offices, to share it with their Industry and request review of the GMT and to promote new member's participation in GMT

## ❖ **IP5, approval of sharing and using GMT(Jun. 2019)**

- To share the result of this project at DHs meeting
- To adopt final GMT and open it via IP5 web site at Heads meeting

*Thank you!*