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Korean Intellectual Property Office

Applicant Name Standardization

IP5 Global Dossier Task Force Meeting

January 2017

Korean Intellectual Property Office

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Background

Vision

- Harmonize applicant names across IP5 patent document collections

Objectives

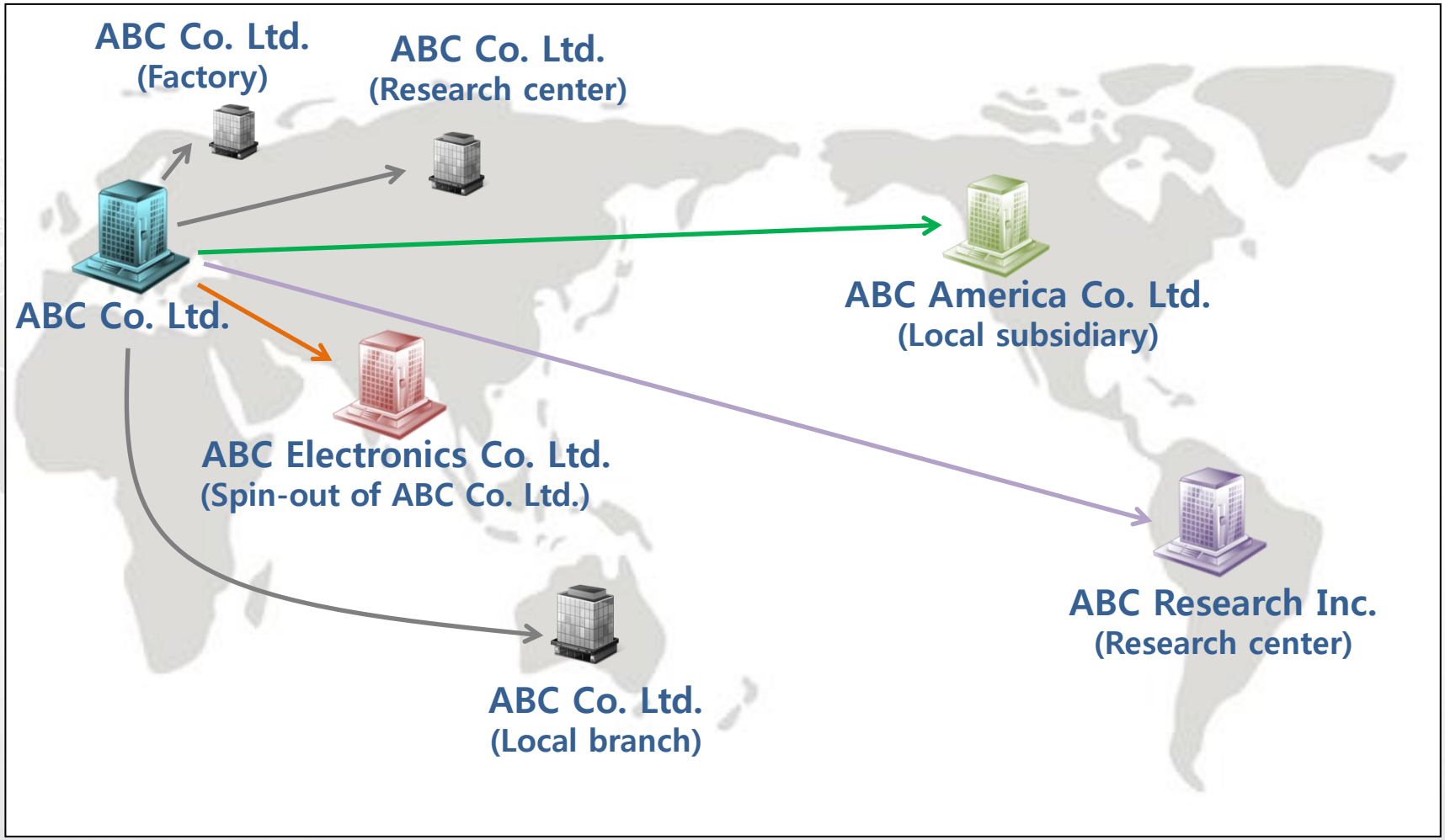
- Unifying multiple versions of an applicant name into a single, standardized name to eliminate the confusion caused by inconsistency

ABC Co. Ltd.
ABC Co Ltd
ABC Corp.
A BEE CEE Co. Ltd

ABC Co. Ltd.

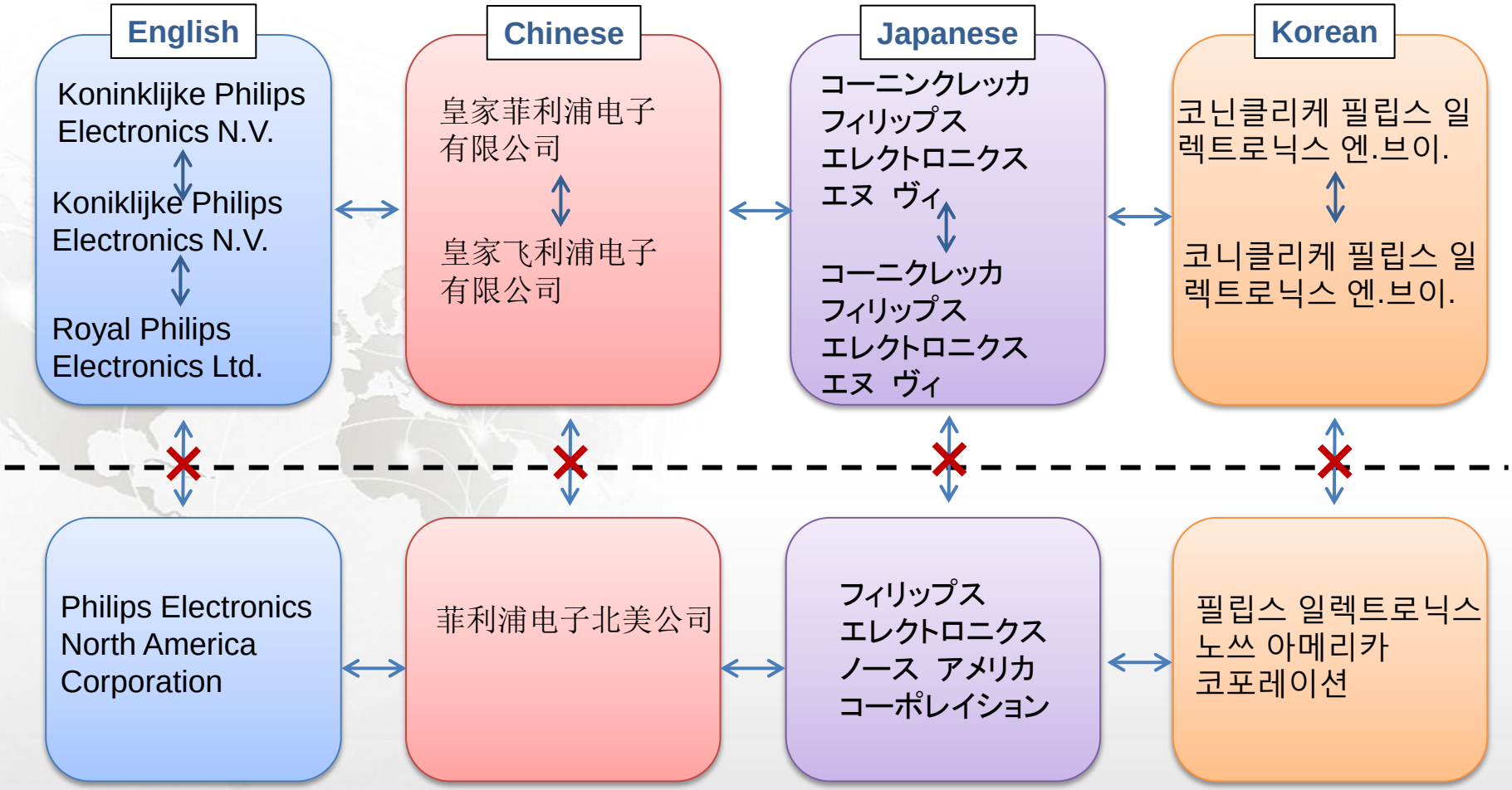
Background

▣ Legal entity vs. Name



Background

▣ Legal entity vs. Name



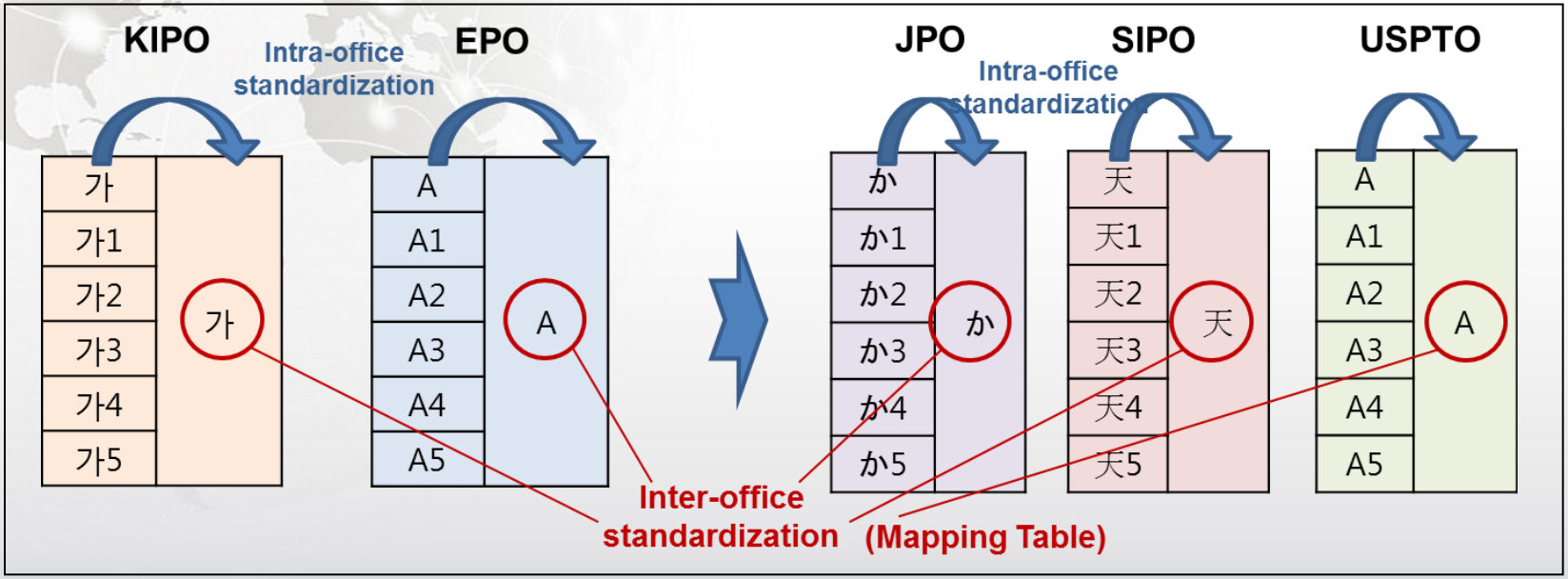
Background

▣ Step 1. Intra-office standardization

- KIPO's and EPO's standardized names can be used as a basis for intra-office standardization of JPO, SIPO and USPTO within family applications
  - Premise: Applicants are same among family patents
  - KIPO has standardized applicant name by 'Customer No.' (former 'Applicant Code')

▣ Step 2. Inter-office standardization

- Standardized applicant names in IP5 Offices are grouped in the mapping table



Progress on Applicant Name Standardization 1

▣ Intra-office Standardization

- Last year, KIPO performed additional intra-office standardization, especially for its foreign applicants

KIPO issues ‘Customer No.’ (former ‘Applicant Code’) to new applicant according to registered social security number(SSN) or corporate registration number(CRN)

Foreign Applicants who don’t have SSN or CRN can receive their Customer No. when they submit certificate to prove their nationality, name and address

- Applicant’s names and addresses are checked manually, after eliminating special character and aligning by ascending order of remaining character

⇨ **About 2,000 applicants’ names are standardized**

Intra-office standardization

▣ Case #1

French Republic, 35200 Rennes,
Henri Freville, Avenue 105 A

Customer No.	Applicant Name	Applicant Address
520080064103	홀딩 르 더프 “에이취엘디”	프랑스공화국, 35200 랜느, 헨리 프레빌르, 아베뉴 105에이
520120620747	홀딩 르 더프 “에이취엘디”	프랑스 렌 35200 애비뉴 헨리 프레빌 105 에이

HOLDING LE
DUFF “HLD”

France Rennes 35200 Avenue
Henri Freville 105 A

- Applicant names are identical
- Applicant addresses are similar to each other, in spite of many variants by nomenclature(프랑스 공화국 vs. 프랑스), translation (랜느 vs. 렌 / 아베뉴 vs. 애비뉴 / 헨리 프레빌 vs. 헨리 프레빌르), punctuation and word order

⇨ **Applicant Information can be standardized**

▣ Case #2

Marine Stewardship Council

Customer No.	Applicant Name	Applicant Address
520120641881	마린 스테워드쉽 카운실	영국 런던 스노우 힐 1 (우: 이씨1에이 2디에이치)
520130638852	마린 스테워드쉽 카운실 인터내셔널	영국 런던 스노우 힐 1 (우: 이씨1에이 2디에이치)

Marine Stewardship Council International

England London Snow Hill 1 (postcode: EC1A2DH)

- Applicant addresses are identical
- Applicant names are different but trivial

  (Marine Stewardship Council is an international non-profit organization)

⇨ **Applicant Information can be standardized**

KIPO public OPD overview

▣ Case #3

Innocrin Pharmaceuticlas, Inc.

USA, 27703 North Carolina, Durham, Suite 300, Emperor Boulevard 4505

Customer No.	Applicant Name	Applicant Address
520120602688	이노크린 파마슈티컬즈, 인크.	미국, 27703 노스캐롤라이나, 더럼, 스위트 300, 엠페러 블러바드 4505
520150278932	비아멧 파마슈티컬즈, 인코포레이티드	미국, 27703 노스캐롤라이나, 더럼, 스위트 300, 엠페러 블러바드 4505

Viamet Pharmaceuticals, Inc.

- Applicant addresses are identical, but applicant names are distinctly different

  (Innocrin Pharmaceuticals is separated as a Spin-out of the Prostate Cancer Program from Viamet Pharmaceuticals)

⇨ **Applicant Information should NOT be standardized**

KIPO public OPD overview

▣ Case #4

Tokyo-do Bunkyo-ku
Koraku 1-Chome 3-ban

Customer No.	Applicant Name	Applicant Address
519952422885	가부시끼가이샤후다바야라켓트 세이샤꾸쇼	도오교도분교오꾸라꾸1쵸메3반
519952440967	가부시기가이샤후다바야라켓트 세이샤꾸쇼	도오꾜도분교오꾸라꾸1쵸메3반 22반18고

Kabusikikaisha Futabaya
Racket Seisakusho

Tokyo-do Shinjyuku-ku Misaki-cho
2-Chome 22-ban 18-go

- Applicant names are identical, but applicant addresses are different

  (Probably they are same applicant of just differently located branches, but it is unknown if they are legally separate or not)

⇨ **Applicant Information should NOT be standardized**

KIPO public OPD overview

▣ Case #5

Intellectual Ventures Fund 27 LLC.

USA Nevada 89128 Las Vegas Suite 300 West Lake Mead Blvd 7251

Customer No.	Applicant Name	Applicant Address
520090026684	인텔렉츄얼 벤처스 펀드 27 엘엘씨	미국 네바다 89128 라스베가스 스위트 300 웨스트 레이크 미드 블루버드 7251
520080363298	인텔렉츄얼 벤처스 펀드 40 엘엘씨	미국 네바다 89128 라스베가스 스위트 300 웨스트 레이크 미드 블루버드 7251

Intellectual Ventures Fund 40 LLC.

- Applicant addresses are same, but applicant names are different

  (It is difficult to determine if they are different legal entity, and if the difference comes from typo or not)

⇨ **Standardization should be determined case by case**

Progress on Applicant Name Standardization 2

▣ Inter-office standardization

❖ **Restriction 1**

- Standardization is conducted using applicant names shown in the publication, but applicant can be changed upon request before publication
  (simple name change, right transfer, company merge, etc.)
- Then, applicant names may not be same any more among family patents

- KIPO carried out a survey of IP5 offices
  1) if applicants can request to change their name registered in the office, and
  2) if the office manage records of such change, electronically (i.e. database)

- According to the survey,
  1) applicants can request to change their names to all IP5 offices, but
  2) only some offices have the records in different format → difficult to combine

⇨ **Better to start with consistent applicant names only,**
by excluding applicant names which are distinctly different among IP5 offices

Progress on Applicant Name Standardization 2

▣ Inter-office standardization

❖ Restriction 2

- As for applications filed before AIA in the USPTO, the inventor was considered as the applicant by 37 CFR 1.41(pre-AIA).

- There could be an applicant discordance among family patents filed before AIA

❖ Restriction 3

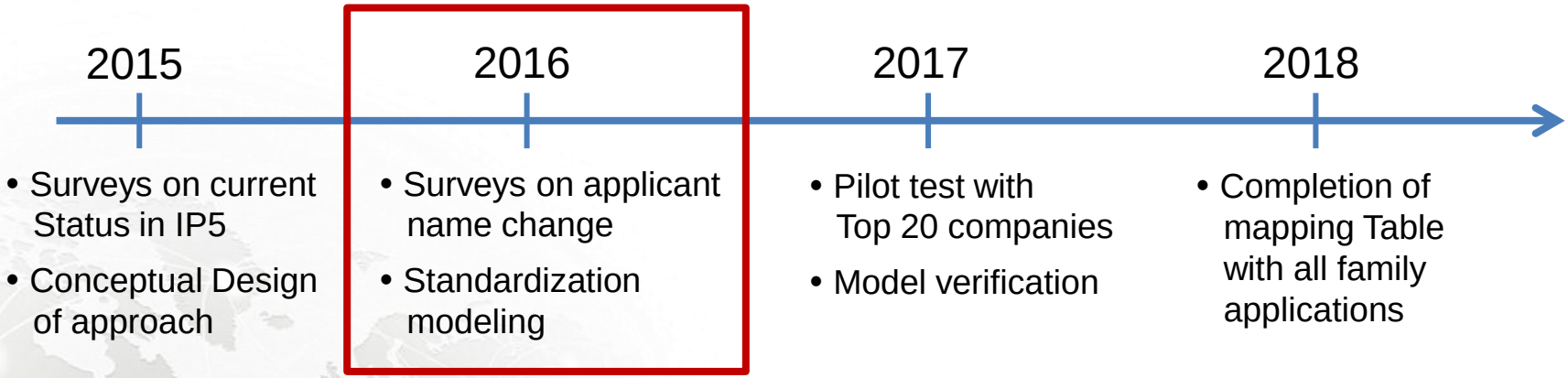
- Applicant names (71) are only shown in patent application publication ('A' document) but **not in the patent publication** ('B' document) (except the USPTO publication after AIA)

- Applicant names are not available if there is only B document published

⇨ **Better to standardize valid applicant names only,**
by excluding inventors' names or empty names

Next Step

▣ Timeline



- Selection of companies for name standardization pilot test
- Distribution of the test result to IP5 offices for model verification
- Analysis of IP5 offices' feedback
- Refinement of model, if necessary

Next Step

▣ Mapping table (sample)

Publications are s
(similar to 'DocDE

KIPO and EPO have their own standardized data

Office	Pub. No.	Family ID	Applicant Name	Standardized Name	Extended Standardized Name
EP	XXXXXX A	0000000	Koninklijke Philips	Koninklijke Philips	Koninklijke Philips
EP	XXXXXX A	0000000	Koniklijke Philips	Koninklijke Philips	Koninklijke Philips
US	XXXX-XXXXXX A	0000000	J. Smith	-	-
US	XXXX-XXXXXX A	0000000	Koninklijke Philips	-	Koninklijke Philips
CN	XXXXXXX A	0000000	皇家菲利浦电子	-	皇家菲利浦电子
CN	XXXXXXX A	0000000	皇家飞利浦电子	-	皇家菲利浦电子
JP	XXXXXXXX A	0000000	コーニンクレッカ フィリップス		
JP	XXXXXXXX B	0000000	-		
KR	XXXX-XXXXXXX A	0000000	코닌클리케 필립스		
KR	XXXX-XXXXXXX A	0000000	코니클리케 필립스		
EP	XXXXXX A	1111111	Samsung		
US	XXXX-XXXXXX A	1111111	J. Smith	-	
CN	XXXXXXX A	1111111	皇家菲利浦电子	-	
JP	XXXXXXXX A	1111111	フィリップス	-	
KR	XXXX-XXXXXXX A	1111111	코닌클리케 필립스	코닌클리케 필립스	코닌클리케 필립스
EP	XXXXXX A	2222222	Royal Philips	Koninklijke Philips	Koninklijke Philips
US	XXXX-XXXXXX A	2222222	Royal Philips	-	Koninklijke Philips
CN	XXXXXXX A	2222222	皇家飞利浦电子	-	皇家菲利浦电子
JP	XXXXXXXX A	2222222	コーニンクレッカ フィリップス	-	コーニンクレッカ フィリップス
KR	XXXX-XXXXXXX A	2222222	코닌클리케 필립스	코닌클리케 필립스	코닌클리케 필립스

Publications with i
no name, or disti
name are exclude

Based on KIPO and EPO's data, three applicants are assumed to be same

WIPO CWS workshop

▣ Workshop on applicant name standardization

- Participants
  - IP offices (KIPO, EPO, JPO, USPTO, DPMA, EAPO, etc.)
  - user groups (PDG, PIUG),
  - Thomson Reuters,
  - PatCom (IEEE) and OECD,

- Program
  - to share difficulties related to applicant names and current practices
  - to discuss possible solution, including cooperation framework
  - to prioritize works to do

- Next step
  - Taskforce on applicant name standardization will be proposed at the next WIPO CWS meeting (May 2017)

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Korean Intellectual Property Office

Thank You