505746300 10/29/2019

PATENT ASSIGNMENT COVER SHEET

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| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
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| SUNG HYUK BYUN | 10/25/2019 |

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

| Property Type | Number |
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| Application Number: | 16666916 |

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Total Attachments: 2

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PATENT 505746300 REEL: 050852 FRAME: 0085

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| 말명의 명칭 Title of Invention | APPARATUS AND METHOD OF MANAGING CONTENT NAME IN INFORMATION- CENTRIC NETWORKING |
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| : | As the below named inventor(s), I hereby declare that: |
| : | 동 선언서 제출제: |
| : | The declaration is directed to: |
| ! | ☑ 정부된 출원, 또는 The attached application, or |
| | 다 Statistic Spinication (6) □ 미국 총원 또는 PCT 국제 총원 번호 및 총원 일자 |
| | United States application or PCT international application number |
| 선언 | PCT/KR####/###### filed on |
| Declaration | 상기 기재된 출원은 본인이 작성하였거나, 본인의 허락하에 본인 작성으로 신고되었습니다. |
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| | 본인은 의도적인 허위 진술이 등 선언서에 기재되었을 경우 18 U.S.C. 1001 에 의거. 벌금병 또는(5)년 이하의 징역형 또는 두 기지 형벌을 모두 받을 수 있음을 인지합니다. |
| | I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years or both. |
| | NOW, THEREFORE, in consideration of the sum of one dollar (\$1), the receipt whereof is acknowledge, and other good and valuable consideration, I, by these presents do sell, assign and transfer unto said assignee(s) |
| | Electronics and Telecommunications Research Institute 218, Gajeong-ro, Yuseong-gu, Daejeon 34129, Republic of Korea |
| 왕도 Assignment | and the heirs, successors, assigns and legal representatives of the assignee(s) the full and exclusive right to the said invention in the United States and in its territorial possessions and in any and all foreign countries any and all improvements thereof, the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee(s), of the |
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| | I agree promptly upon request of the assignee(s), its heirs, successors, assigns and legal representatives of the assignee(s) to communicate any facts known to it respecting the patent and the invention set forth therein, and to execute and deliver without further compensation any power of attorney, Assignment, application, whether original, |
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| litigation related thereto and will promptly execute and deliver to assignee(s) or i representatives any and all papers, instruments or affidavits required to apply for, maintain, issue and enforce said application, said invention and said Letters Pate said equivalents thereof which may be necessary or desirable to carry out the puthereof. | obtain, ent and |
| 발명자 성명(이름, 성): Sung Hyuk BYUN Inventor Name (First Middle LAST): | |
| 발명자 서명: Sury Hyuk Byur | |
| 발명자 서명: Suny Hyuke Byun Of Inventor 일자: Date: Ott. 25, 20/8 | |

[☐] A total of 1 supplemental sheet(s) are attached hereto for additional inventors, if any.