## 503787903 04/18/2016 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY	DATA			
		Name	Execution Date	
SEUNG WOO LEE			04/04/2016	
RECEIVING PARTY D	ΔΤΑ			
Name:	ELECTR	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE		
Street Address:	218 GAJ	218 GAJEONG-RO, YUSEONG-GU		
City:	DAEJEO	DAEJEON		
State/Country:	KOREA,	KOREA, REPUBLIC OF		
Postal Code:	34129	34129		
Application Number:	1:	5131424		
CORRESPONDENCE Fax Number: <i>Correspondence will</i>	E DATA (3   be sent to t	312)427-6663 t <b>he e-mail address first; if that is unsuc</b>		
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CORRESPONDENCE Fax Number: <i>Correspondence will using a fax number, i</i> Phone: Email: Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET	E DATA (3 be sent to t if provided; 3 S e: R L C NUMBER:	312)427-6663 the e-mail address first; if that is unsuc if that is unsuccessful, it will be sent v 124271300 Lingo@ladas.net ICHARD J. STREIT ADAS & PARRY, 224 SOUTH MICHIGAN HICAGO, ILLINOIS 60604 CU-72744 SB/SL LOREN K. THOMPSON	via US Mail.	
CORRESPONDENCE Fax Number: Correspondence will using a fax number, Phone: Email: Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTER SIGNATURE: DATE SIGNED: Total Attachments: 2	E DATA (3) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	B12)427-6663 The e-mail address first; if that is unsuccessful, it will be sent volume 124271300 Lingo@ladas.net ICHARD J. STREIT ADAS & PARRY, 224 SOUTH MICHIGAN HICAGO, ILLINOIS 60604 CU-72744 SB/SL LOREN K. THOMPSON /Loren K. Thompson/ 04/18/2016	via US Mail.	
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#### Dockes:

# UNITED STATES OF AMERICA ASSIGNMENT

In consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

#### ASSIGNOR:

### Seung Woo LEE No.8-1401, 160, Dunsanbuk-ro, Seo-gu, Daejeon, 35247, Republic of Korea

hereby sells, assigns and transfers to

### ASSIGNEE:

Electronics and Telecommunications Research Institute

218, Gajeong-ro, Yuseong-gu, Daejeon, 34129, Republic of Korea

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions in and to, any and all improvements which are disclosed in the Application entitled

### TITLE OF INVENTION:

## PROTECTION SWITCHING METHOD AND APPARATUS FOR MINIMIZING DATA LOSS IN OPTICAL TRANSPORT NETWORK SYSTEM

and which is found in (37 CFR 3.21)

 $\bowtie$  (a

- (a) Not yet filed U.S. patent application executed on even date herewith
- (b) Not yet filed U.S. patent application executed on

\_\_\_\_\_(insert date of execution of Declaration)

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PATENT REEL: 038307 FRAME: 0087

- $\square$ To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known. (c) U.S. patent or provisional patent application No.
- filed on\_\_\_\_\_ (d) International application No.
  - filed on\_\_\_\_\_

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or reexamination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/we have set our hand and seal

The date of signing must be the same as the date of execution of the application if item (a) was checked Note: above.

April.04.2016 Date

Suplace

INVENTOR Seing Woo LEE

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