502940306 08/19/2014

### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SO HYEUN YUN	08/11/2014
CHANG SOO KWAK	08/11/2014
MAN SEOK UHM	08/12/2014
IN BOK YOM	08/11/2014
HONG YEOL LEE	08/11/2014

#### **RECEIVING PARTY DATA**

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City:	DAEJEON	
State/Country:	KOREA, REPUBLIC OF	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14462745

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	PA1883-0
NAME OF SUBMITTER: WOOCHOON WILLIAM PARK	
SIGNATURE:	/Woochoon William Park/
DATE SIGNED:	08/19/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).

#### **Total Attachments: 4**

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PATENT REEL: 033560 FRAME: 0969

Title of Invention	DUAL REFLECTOR ANTENNA WITH HYBRID SUBREFLECTOR
Declaration	As the below named inventor(s), I hereby declare that:  The declaration is directed to:  \[ \text{\text{The attached application, or }} \] United States application or PCT international application number \( \text{\text{PCT/KR###########}} \) The above-identified application was made or authorized to be made by me. I believe that I am the original or an original joint inventor of a claimed invention in the application.  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.
Assignment	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, 305-700 Republic of Korea, 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 entire right, title, and interest in and to the same, for his sole use and for the use of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.  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, continuation, divisional or reissue, or other papers that may be necessary.  I hereby covenant that no assignment, sale agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.  I further covenant that assignee(s) 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 me and will testify as to the same in any litigation related thereto and will promptl

	Inventor Name (First Middle LAST):	Sa Hyeun YUN
Legal Name Of Inventor	Inventor Signature:	WY
	Date:	Ang.11, 2014

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ETRI Ref.: PR20140165US, 특허법인 태평양

Legal Name Of Inventor	Inventor Name (First Middle LAST):	Chang Soo KWAK
	Inventor Signature:	Chang Soo Kwak
	Date:	Chang Soo Kwak Aug. 11. 2014.
	Inventor Name (First Middle LAST):	Man Seok UHM
Legal Name Of Inventor	Inventor Signature	
	Date:	Aug 12, 2014
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Legal Name Of Inventor	Inventor Name (First Middle LAST):	In Bok YOM
	Inventor Signature:	
	Date:	Ang. 11. 2014
Legal Name Of Inventor	Inventor Name (First Middle LAST):	Hong Yeol LEE
	Inventor Signature:	
	Date:	

Title of Invention	DUAL REFLECTOR ANTENNA WITH HYBRID SUBREFLECTOR
Declaration	As the below named inventor(s), I hereby declare that:  The declaration is directed to:  The attached application, or United States application or PCT international application number PCT/KR########## filed on The above-identified application was made or authorized to be made by me. I believe that I am the original or an original joint inventor of a claimed invention in the application. 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.
Assignment	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, 305-700 Republic of Korea, 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 entire right, title, and interest in and to the same, for his sole use and for the use of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.  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, continuation, divisional or reissue, or other papers that may be necessary.  I hereby covenant that no assignment, sale agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.  I further covenant that assignee(s) 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 me and will testify as to the same in any litigation related thereto and will promptl

	Inventor Name (First Middle LAST):	So Hyeun YUN
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Legal Name Of Inventor	Inventor Name (First Middle LAST):	Chang Soo KWAK
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	Date:	
Z	<u> </u>	
	Inventor Name (First Middle LAST):	In Bok YOM
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	Date:	
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Legal Name Of Inventor	Inventor Name (First Middle LAST):	Hong Yeal LEE
	Inventor Signature:	100 Honeyeal
	Date	Aug. 11, 2014

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ETRI Ref.: PR20140165US, 특허범인 태평양

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