### 502343560 05/10/2013

#### PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### CONVEYING PARTY DATA

Name	Execution Date
SEUNG-WON CHOI	03/08/2013
JUNE KIM	03/08/2013
CHIYOUNG AHN	03/08/2013
HYUNWOOK YANG	03/08/2013

#### RECEIVING PARTY DATA

Name:	INDUSTRY-UNIVERSITY COOPERATION FOUNDATION HANYANG UNIVERSITY	
Street Address:	Street Address: 17 HAENGDANG-DONG, SEONGDONG-GU	
City:	SEOUL SEOUL	
State/Country:	KOREA, REPUBLIC OF	

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13822423

#### CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	CU-70364 AVL/CM
NAME OF SUBMITTER:	Loren K. Thompson
Signature:	/Loren K. Thompson/
Date:	05/10/2013

Total Attachments: 2

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PATENT REEL: 030395 FRAME: 0184 .H \$40.00 138224

Docket:

U.S. rights

# 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:**

CHOI, Seung-won

[101-103 Hyundai Cartier Apt., 710 Yeoksam-dong, Gangnam-gu, Seoul, 135-080, Republic of Korea]

KIM, June

[56-2, Songlim 2-dong, Dong-gu, Incheon, 401-072, Republic of Korea]

AHN, Chiyoung

[#1011 Urim Rumi Apt., Jung 1-dong, Wonmi-gu, Bucheon-si, Gyeonggi-do, 420-021, Republic of Korea]

YANG, Hyunwook

[2-209 Samsung Apt., 160 Ogeum-dong, Songpa-gu, Seoul, 138-130, Republic of Korea]

hereby sells, assigns and transfers to

#### **ASSIGNEE:**

## INDUSTRY-UNIVERSITY COOPERATION FOUNDATION HANYANG UNIVERSITY

having its principal place of business at 17 Haengdang-dong, Seongdong-gu, Seoul, 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: SMART ANTENNA SOFTWARE DEFINITION RADIO TERMINAL DEVICE AND METHOD OF DISTRIBUTING AND INSTALLING SOFTWARE DEFINITION RADIO TERMINAL APPLICATION

and which is found in (37 CFR 3.21)

L&P 09/2012 (Assignment - entire interest - US rights only)

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Client Ro	efere	nce	No.: O20130021US (HYK100005PCT2-US E	-sang)
С		(b)	Not yet filed U.S. patent application of	executed on (insert date of execution of Declaration)
	[		* *	ecordal of this assignment, I, an ASSIGNOR and request my attorney to insert below the
		(c)	U.S. patent or provisional patent applied on	lication No.
	X	(d)	International application No. PCT/I filed on October 6,2011 (US	
	ıatio	n, c	livision, renewal, or substitute there	aid invention by the above application or any of, and as to letters patent any reissue or re-
been o			NOR hereby covenants that no assign made or entered into which would co	gnment, sale, agreement or encumbrance has onflict with this assignment and sale.
and leg same in deliver require	tly was all earns and to to Pate	vith equi y ir ASS app ent	all pertinent facts and documents relavalents as may be known and access aterference, litigation or proceeding residence or its legal representatives oly for, obtain, maintain, issue and en and said equivalents thereof which n	GNEE will, upon its request, be provided ating to said invention and said Letters Patentible to ASSIGNOR and will testify as to the elated thereto and will promptly execute and any and all papers, instruments or affidavits force said application, said invention and said hay be necessary or desirable to carry out the
	IN	WI	TNESS WHEREOF, I/we have set ou	r hand and seal
Note:	The abov		of signing must be the same as the date o	f execution of the application if item (a) was checked
March	8, 2	013		CHOI, Seung-won
		Dat	e	INVENTOR
March	8, 2	013		KIM, June - 1() [ '
		Dat	e	INVENTOR
March	8, 20	013		AHN, Chiyoung layewa Ahn
	-	Dat	e	INVENTOR
March	8, 20	013		YANG, Hyunwook

INVENTOR

L&P 09/2012 (Assignment - entire interest - US rights only)

Date

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