

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kap Seok CHANG	05/14/2009
Il Gyu KIM	05/14/2009
Hyeong Geun PARK	05/14/2009
Young Jo KO	05/14/2009
Hyo Seok YI	05/14/2009
Chan Bok JEONG	05/14/2009
Young Hoon KIM	05/14/2009
Seung Chan BANG	05/14/2009

RECEIVING PARTY DATA

Name:	Electronics and Telecommunications Research Institute
Street Address:	161 Gajeong-dong, Yuseong-gu
City:	Daejeon
State/Country:	REPUBLIC OF KOREA
Postal Code:	305-350

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12488286

CORRESPONDENCE DATA

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CH \$40.00 12488286

ATTORNEY DOCKET NUMBER:	YM7-009US
NAME OF SUBMITTER:	EuiHoon Lee
Total Attachments: 8 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif source=Assignment#page8.tif	

ASSIGNMENT

We, **CHANG, Kap Seok** of 203-1505, 2-danji, Chorok maeul Apt., 612, Boksu-dong, Seo-gu, Daejeon 302-210, Republic of Korea; **KIM, Il Gyu** of 169, Jukhyang-ri, Okcheon-eup, Okcheon-gun, Chungcheongbuk-do, 373-804, Republic of Korea; **PARK, Hyeong Geun** of 107-703, Yeolmae Maeul Apt., Jijok-dong, Yuseong-gu, Daejeon 302-223, Republic of Korea; **KO, Young Jo** of 102-706, Mugunghwa Apt., Wolpyeong2-dong, Seo-gu, Daejeon 302-747, Republic of Korea; **YI, Hyo Seok** of 503-1701, Yangeemaul Apt., Banseok-dong, Yuseong-gu, Daejeon 305-750, Republic of Korea; **JEONG, Chan Bok** of 211-1204, Euneosong maeul 2-danji Apt., Daesung-dong, Dong-gu, Daejeon 300-210, Republic of Korea; **KIM, Young Hoon** of 102-501, Hyundai Apt., 431-6, Doryong-dong, Yuseong-gu, Daejeon 305-340, Republic of Korea; and **BANG, Seung Chan** of 111-1102, Nuri Apt., Walpyung-dong, Seo-gu, Daejeon 302-280, Republic of Korea, in consideration of One Dollar and other valuable consideration paid to us by

ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE

having its principal place of business at **161 Gajeong-dong, Yuseong-gu, Daejeon, 305-350, Republic of Korea**, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

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its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

METHOD FOR GENERATING DOWNLINK FRAME, AND METHOD FOR SEARCHING CELL

described in an application

executed by us of even date herewith and about to be filed

Serial No. _____, filed on _____

in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said assignee and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said assignee, with specifications and claims in such form as shall be approved by the counsel of said assignee and to vest and confirm in said assignee, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said assignee, its successors and assigns.

WITNESS my hand and seal

By: Chang, Kapsook
(Name) CHANG, Kap Seok

Date: May 14, 2009

Witnesses:

Witness 1

Date

Witness 2

Date

WITNESS my hand and seal

By: Kim
(Name) KIM, Il Gyu

Date: May 14, 2009

Witnesses:

Witness 1

Date

Witness 2

Date

WITNESS my hand and seal

By: Park, Hyeong Geun
(Name) PARK, Hyeong Geun

Date: May 14, 2009

Witnesses:

Witness 1

Date

Witness 2

Date

WITNESS my hand and seal

By: Young Hoon Kim
(Name) KIM, Young Hoon

Date: May 14, 2009

Witnesses:

Witness 1

Date

Witness 2

Date

WITNESS my hand and seal

By: Bang, Seung Chan
(Name) BANG, Seung Chan

Date: May 14, 2009

Witnesses:

Witness 1

Date

Witness 2

Date

ASSIGNMENT

We, CHANG, Kap Seok of 203-1505, 2-danji, Chorok maeul Apt., 612, Boksu-dong, Seo-gu, Daejeon 302-210, Republic of Korea; KIM, Il Gyu of 169, Jukhyang-ri, Okcheon-eup, Okcheon-gun, Chungcheongbuk-do, 373-804, Republic of Korea; PARK, Hyeong Geun of 107-703, Yeolmae Maeul Apt., Jijok-dong, Yuseong-gu, Daejeon 302-223, Republic of Korea; KO, Young Jo of 102-706, Mugunghwa Apt., Wolpyeong2-dong, Seo-gu, Daejeon 302-747, Republic of Korea; YI, Hyo Seok of 503-1701, Yangeemaul Apt., Banseok-dong, Yuseong-gu, Daejeon 305-750, Republic of Korea; JEONG, Chan Bok of 211-1204, Euneosong maeul 2-danji Apt., Daesung-dong, Dong-gu, Daejeon 300-210, Republic of Korea; KIM, Young Hoon of 102-501, Hyundai Apt., 431-6, Doryong-dong, Yuseong-gu, Daejeon 305-340, Republic of Korea; and BANG, Seung Chan of 111-1102, Nuri Apt., Walpyung-dong, Seo-gu, Daejeon 302-280, Republic of Korea, in consideration of One Dollar and other valuable consideration paid to us by

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in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said assignee and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said assignee, with specifications and claims in such form as shall be approved by the counsel of said assignee and to vest and confirm in said assignee, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said assignee, its successors and assigns.

WITNESS my hand and seal

By: _____
(Name) CHANG, Kap Seok

Date: _____

Witnesses:

Witness 1

Date

Witness 2

Date

WITNESS my hand and seal

By: _____
(Name) KIM, Il Gyu

Date: _____

Witnesses:

Witness 1

Date

Witness 2

Date

WITNESS my hand and seal

By: _____
(Name) PARK, Hyeong Geun

Date: _____

Witnesses:

Witness 1

Date

00147

Atty. Docket No. _____

Witness 2

Date

WITNESS my hand and seal

By: _____
(Name) KO, Young Jo

Date: _____

Witnesses:

Witness 1

Date

Witness 2

Date

WITNESS my hand and seal

By: *YI, Hyo Seok*
(Name) YI, Hyo Seok

Date: May 14, 2009

Witnesses:

Witness 1

Date

Witness 2

Date

WITNESS my hand and seal

By: _____
(Name) JEONG, Chan Bok

Date: _____

Witnesses:

Witness 1

Date

Witness 2

Date

WITNESS my hand and seal

By: _____
(Name) KIM, Young Hoon

Date: _____

Witnesses:

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Date

Witness 2

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WITNESS my hand and seal

By: _____
(Name) BANG, Seung Chan

Date: _____

Witnesses:

Witness 1

Date

Witness 2

Date