

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Seung-June Yi</td><td>05/20/2010</td></tr><tr><td>Sung-Jun Park</td><td>05/20/2010</td></tr><tr><td>Young-Dae Lee</td><td>05/18/2010</td></tr><tr><td>Sung-Duck Chun</td><td>05/20/2010</td></tr></tbody></table>		Name	Execution Date	Seung-June Yi	05/20/2010	Sung-Jun Park	05/20/2010	Young-Dae Lee	05/18/2010	Sung-Duck Chun	05/20/2010
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Sung-Jun Park	05/20/2010										
Young-Dae Lee	05/18/2010										
Sung-Duck Chun	05/20/2010										
RECEIVING PARTY DATA											
Name:	LG Electronics Inc.										
Street Address:	20 Yeouido-dong Yeongdeungpo-gu										
City:	Seoul										
State/Country:	REPUBLIC OF KOREA										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12811613</td></tr></tbody></table>		Property Type	Number	Application Number:	12811613						
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CORRESPONDENCE DATA											
Fax Number:	(202)739-3001										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Email:	patents@morganlewis.com										
Correspondent Name:	Robert J. Gaybrick										
Address Line 1:	1111 Pennsylvania Ave, NW										
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20004										
ATTORNEY DOCKET NUMBER:	001401-5002										
NAME OF SUBMITTER:	Robert J. Goodell										
Total Attachments: 4 source=001401-5002_Assignment-07022010#page1.tif source=001401-5002_Assignment-07022010#page2.tif source=001401-5002_Assignment-07022010#page3.tif											

CH \$40.00 12811613

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PATENT
REEL: 024634 FRAME: 0617

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

HARQ OPERATION METHOD FOR RETRANSMITTED DATA

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on ____, (Application No. ____); and

WHEREAS LG ELECTRONICS INC., a corporation of Republic of Korea, whose post office address is 20 Yeouido-dong Yeongdeungpo-gu Seoul Republic of Korea, (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parenthesis (Application No. _____, filed _____) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Full Name of First Assignor Seung-June YI	Assignor's Signature	Date
Address 533, Hoge-Dong, Dongan-Gu, Anyang, Gyeonggi-Do, Korea		Citizenship Republic of Korea
Full Name of Second Assignor Sung-Jun PARK	Assignor's Signature	Date
Address 533, Hoge-Dong, Dongan-Gu, Anyang, Gyeonggi-Do, Korea		Citizenship Republic of Korea
Names of additional inventors attached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

ATTORNEY DOCKET NO.: 00000-0000
SOLE/JOINT INVENTION
(U.S. Rights Only)
(Continued)

Full Name of Third Assignor Young-Dae LEE	Assignor's Signature YOUNG DAE LEE	Date 10/05/2010
Address 533, Hoge-Dong, Dongan-Gu, Anyang, Gyeonggi-Do, Korea		Citizenship Republic of Korea
Full Name of Fourth Assignor Sung-Duck CHUN	Assignor's Signature	Date
Address 533, Hoge-Dong, Dongan-Gu, Anyang, Gyeonggi-Do, Korea		Citizenship Republic of Korea
Full Name of Fifth Assignor	Assignor's Signature	Date
		Citizenship
Full Name of Sixth Assignor	Assignor's Signature	Date
		Citizenship
Full Name of Seventh Assignor	Assignor's Signature	Date
		Citizenship
Full Name of Eighth Assignor	Assignor's Signature	Date
		Citizenship
Full Name of Ninth Assignor	Assignor's Signature	Date
		Citizenship
Full Name of Tenth Assignor	Assignor's Signature	Date
		Citizenship
Names of additional inventors attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

HARQ OPERATION METHOD FOR RETRANSMITTED DATA

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on ___, (Application No. ___); and

WHEREAS LG ELECTRONICS INC., a corporation of Republic of Korea, whose post office address is 20 Yeouido-dong Yeongdeungpo-gu Seoul Republic of Korea, (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parenthesis (Application No. _____, filed _____) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Full Name of First Assignor Seung-June YI	Assignor's Signature <i>Seung-June YI</i>	Date 20-05-2010
Address 533, Hoge-Dong, Dongan-Gu, Anyang, Gyeonggi-Do, Korea		Citizenship Republic of Korea
Full Name of Second Assignor Sung-Jun PARK	Assignor's Signature <i>Sung-Jun Park</i>	Date 20-05-2010
Address 533, Hoge-Dong, Dongan-Gu, Anyang, Gyeonggi-Do, Korea		Citizenship Republic of Korea
Names of additional inventors attached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

ATTORNEY DOCKET NO.: 00000-0000
SOLE/JOINT INVENTION
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(Continued)

Full Name of Third Assignor Young-Dae LEE	Assignor's Signature	Date
Address 533, Hogye-Dong, Dongan-Gu, Anyang, Gyeonggi-Do, Korea		Citizenship Republic of Korea
Full Name of Fourth Assignor Sung-Duck CHUN	Assignor's Signature Sung Duck CHUN <i>JD</i>	Date 20-05-2010
Address 533, Hogye-Dong, Dongan-Gu, Anyang, Gyeonggi-Do, Korea		Citizenship Republic of Korea
Full Name of Fifth Assignor	Assignor's Signature	Date
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Names of additional inventors attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

PATENT

RECORDED: 07/02/2010

REEL: 024634 FRAME: 0622