

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Chang-eun LEE</td> <td>06/15/2007</td> </tr> <tr> <td>Jun-hee PARK</td> <td>06/15/2007</td> </tr> <tr> <td>Young-sung SON</td> <td>06/15/2007</td> </tr> <tr> <td>Dong-hee KIM</td> <td>06/15/2007</td> </tr> <tr> <td>Kyeong-deok MOON</td> <td>06/15/2007</td> </tr> <tr> <td>Yu-Seok BAE</td> <td>06/15/2007</td> </tr> </tbody> </table>		Name	Execution Date	Chang-eun LEE	06/15/2007	Jun-hee PARK	06/15/2007	Young-sung SON	06/15/2007	Dong-hee KIM	06/15/2007	Kyeong-deok MOON	06/15/2007	Yu-Seok BAE	06/15/2007
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Kyeong-deok MOON	06/15/2007														
Yu-Seok BAE	06/15/2007														
RECEIVING PARTY DATA															
Name:	Electronics and Telecommunications Research Institute														
Street Address:	161 Gajeong-dong, Yuseong-gu														
City:	Daejeon														
State/Country:	KOREA, REPUBLIC OF														
Postal Code:	305-350														
PROPERTY NUMBERS Total: 1															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11721951</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11721951										
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Application Number:	11721951														
CORRESPONDENCE DATA															
Fax Number:	(206)623-6793														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
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ATTORNEY DOCKET NUMBER:	26699H-003000US														

CH \$40.00 11721951

NAME OF SUBMITTER:

Masha M. Martinenko

Total Attachments: 4

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Attorney Docket No.: 26699H-003000US
Client Reference No.: P04E9008/US

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, **Chang-eun LEE** of #104-1307 Hansol Apt., Songgang-dong, Yuseong-gu, Daejeon, 305-503, Republic of Korea; **Jun-hee PARK** of #407, Gung-dong 406-11, Yuseong-gu, Daejeon, 305-335, Republic of Korea; **Young-sung SON** of #315-1204 Green Apt., Songgang-dong, Yuseong-gu, Daejeon, 305-503, Republic of Korea; **Dong-hee KIM** of #201, Mannyeon-dong 102, Seo-gu, Daejeon, 302-150, Republic of Korea; and **Kyeong-deok MOON** of #209-703 Expo Apt., Joonmin-dong, Yuseong-gu, Daejeon, 305-390, Republic of Korea, hereinafter referred to as Assignors, are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **HOMENETWORK UNIVERSAL MIDDLEWARE BRIDGE SYSTEM AND METHOD FOR HOME DEVICE'S INTEROPERABILITY IN HETEROGENEOUS HOMENETWORK MIDDLEWARE**

Date(s) of Execution of Declaration: June 15, 2007

Filing Date: June 15, 2007

Application No.: 11/721,951; and

WHEREAS, **Electronics and Telecommunications Research Institute** located at 161, Gajeong-dong, Yuseong-gu, Daejeon, 305-350, Republic of Korea, hereinafter referred to as Assignee, is desirous of acquiring Assignors' interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all their right, title and interest in and to the said invention and application, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

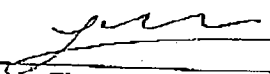
Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

Assignment
Attorney Docket No.: 26699H-003000US

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: June 15, 2007



Chang-eun LEE

Dated: June 15, 2007



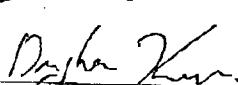
Jun-hee PARK

Dated: June 15, 2007



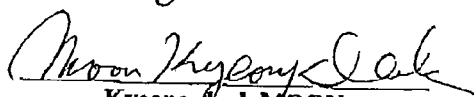
Young-sung SON

Dated: June 15, 2007



Dong-hee KIM

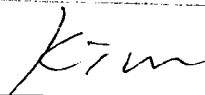
Dated: June 15, 2007



Kyeong-beok MOON

SIGNATURES WITNESSED BY:

Dated: June 15, 2007



Signature of Witness

Hyang-bil KIM

Printed Name

61071135 v1

Attorney Docket No.: 26699H-003000US
 Client Reference No.: P04E9008/US

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Yu-Seok BAE of #308-413 Cheongsol Apt., Songgang-dong, Yusong-gu, Daejeon 305-503, Republic of Korea, hereinafter referred to as "Assignor," is the inventor of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: HOMENETWORK UNIVERSAL MIDDLEWARE
 BRIDGE SYSTEM AND METHOD FOR HOME
 DEVICE'S INTEROPERABILITY IN
 HETEROGENEOUS HOMENETWORK
 MIDDLEWARE

Date(s) of Execution of Declaration: June 15, 2007

Filing Date: June 15, 2007

Application No.: 11/721,951; and

WHEREAS, Electronics and Telecommunications Research Institute located at 161, Gajeong-dong, Yusong-gu, Daejeon, 305-350, Republic of Korea, hereinafter referred to as "ASSIGNEE," is desirous of acquiring ASSIGNOR' interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignees, and Assignees' successors and assigns, all their right, title and interest in and to the said invention and application, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignees as fully and exclusively as it would have been held and enjoyed by said Assignors had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agree that they will, without charge to Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignor hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignor have signed their names on the dates indicated.

[*1]

Dated: 2007. 6. 15


 Yu-Seok BAE

Assignment
Attorney Docket No.: 26699H-003000US

SIGNATURES WITNESSED BY:

Dated: June 15, 2007

[Handwritten Signature]

Signature of Witness

Hyang-Sil Kim.

Printed Name

61071135 v1