

PATENT ASSIGNMENT

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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>WAN KI PARK</td> <td>12/13/2011</td> </tr> <tr> <td>IL WOO LEE</td> <td>12/13/2011</td> </tr> <tr> <td>CHANG-SIC CHOI</td> <td>12/13/2011</td> </tr> </tbody> </table>		Name	Execution Date	WAN KI PARK	12/13/2011	IL WOO LEE	12/13/2011	CHANG-SIC CHOI	12/13/2011		
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<table border="1"> <tr> <td>Name:</td> <td>ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE</td> </tr> <tr> <td>Street Address:</td> <td>161 GAJEONG-DONG, YUSEONG-GU</td> </tr> <tr> <td>City:</td> <td>DAEJEON</td> </tr> <tr> <td>State/Country:</td> <td>REPUBLIC OF KOREA</td> </tr> <tr> <td>Postal Code:</td> <td>305-700</td> </tr> </table>		Name:	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE	Street Address:	161 GAJEONG-DONG, YUSEONG-GU	City:	DAEJEON	State/Country:	REPUBLIC OF KOREA	Postal Code:	305-700
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<table border="1"> <tr> <td>Name:</td> <td>KT CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>206 JEONGJA-DONG, BUNDANG-GU, SEONGNAM-SI</td> </tr> <tr> <td>City:</td> <td>GYEONGGI-DO</td> </tr> <tr> <td>State/Country:</td> <td>REPUBLIC OF KOREA</td> </tr> <tr> <td>Postal Code:</td> <td>463-711</td> </tr> </table>		Name:	KT CORPORATION	Street Address:	206 JEONGJA-DONG, BUNDANG-GU, SEONGNAM-SI	City:	GYEONGGI-DO	State/Country:	REPUBLIC OF KOREA	Postal Code:	463-711
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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>13333434</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13333434						
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Application Number:	13333434										
CORRESPONDENCE DATA											
Fax Number:	(312)427-6663										
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
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CH \$40.00 13333434

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ATTORNEY DOCKET NUMBER:

CU-9542 KSV/MH

NAME OF SUBMITTER:

Loren K. Thompson

Total Attachments: 2

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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 the other good and valuable consideration,

ASSIGNOR:

- 1) Wan Ki PARK of Electronics and Telecommunications Research Institute,
161 Gajeong-dong, Yuseong-gu, Daejeon 305-700, Republic of Korea;
- 2) Il. WOO LEE of Electronics and Telecommunications Research Institute,
161 Gajeong-dong, Yuseong-gu, Daejeon 305-700, Republic of Korea; and
- 3) Chang-Sic CHOI of Electronics and Telecommunications Research Institute,
161 Gajeong-dong, Yuseong-gu, Daejeon 305-700, Republic of Korea

hereby sells, assigns and transfers to

ASSIGNEE:

- 1) Electronics and Telecommunications Research Institute of 161 Gajeong-dong,
Yuseong-gu, Daejeon 305-700, Republic of Korea; and
- 2) KT Corporation of 206 Jeongja-dong, Bundang-gu, Seongnam-si, Gyeonggi-do
463-711, 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:

METHOD AND SYSTEM FOR PROVIDING ENERGY MANAGEMENT IN SMART GRID ENVIRONMENT, ELECTRICAL POWER PRODUCING APPARATUS IN SMART GRID ENVIRONMENT

which application was

- (a) executed by the undersigned on _____
- (b) filed as Serial No. _____ on _____

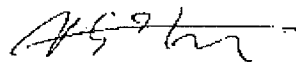
and, in and to all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, substitute, reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;


ASSIGNOR further covenants that ASSIGNEE 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 ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, we have set our hand and seal


13. Dec. 2011
Date


Wan Ki PARK

13. Dec. 2011
Date


IL WOO LEE

13. Dec. 2011
Date


Chang-Sie CHOI