

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>SUNG-RAE CHO</td><td>05/02/2007</td></tr><tr><td>SEONG-SU PARK</td><td>05/02/2007</td></tr><tr><td>HOO-SUNG LEE</td><td>05/02/2007</td></tr><tr><td>BYUNG-JO KIM</td><td>05/02/2007</td></tr></tbody></table>	Name	Execution Date	SUNG-RAE CHO	05/02/2007	SEONG-SU PARK	05/02/2007	HOO-SUNG LEE	05/02/2007	BYUNG-JO KIM	05/02/2007	
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BYUNG-JO KIM	05/02/2007										
RECEIVING PARTY DATA											
Name:	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE										
Street Address:	161 GAJEONG-DONG, YUSEONG-GU										
City:	DAEJEON										
State/Country:	KOREA, REPUBLIC OF										
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>11839975</td></tr></tbody></table>	Property Type	Number	Application Number:	11839975							
Property Type	Number										
Application Number:	11839975										
CORRESPONDENCE DATA											
Fax Number:	(312)427-6663										
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NAME OF SUBMITTER:	Woochoon W. Park										
Total Attachments: 2 source=cu5922assign#page1.tif source=cu5922assign#page2.tif											

CH 11839975 \$40.00

PATENT

500336274

REEL: 019706 FRAME: 0691

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:

CHO, Sung-Rae / #2-125 ETRI Dormitory, 236-1, Gajeong-dong, Yuseong-gu,
Daejeon 305-350, Republic of Korea

PARK, Seong-Su / #306-1203 Expo Apt., Jeonmin-dong, Yuseong-gu, Daejeon 305-761,
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Republic of Korea

KIM, Byung-Jo / #404-904 Yeolmae Maeul 4 Danji, Jijok-dong, Yuseong-gu,
Daejeon 305-770, Republic of Korea

hereby sells, assigns and transfers to

ASSIGNEE: ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE
ADDRESS: 161, Gajeong-dong, Yuseong-gu, Daejeon 305-350, 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

APPARATUS AND METHOD FOR SPREADING/DESPREADING DATA USING
PAIR OF CHILD ORTHOGONAL VARIABLE SPREADING FACTOR CODES

which application was

- ☒ (a) executed by the undersigned on even date herewith
- ☐ (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, I/we have set our hand and seal

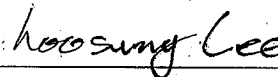
2 May 2007
Date


INVENTOR CHO, Sung-Rae

2 May 2007
Date


INVENTOR PARK, Seong-Su

2 May 2007
Date


INVENTOR LEE, Hoo-Sung

2 May 2007
Date


INVENTOR KIM, Byung-Jo