

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>Andreas Schmidt</td> <td>10/30/2012</td> </tr> <tr> <td>Andreas Leicher</td> <td>10/30/2012</td> </tr> <tr> <td>Inhyok Cha</td> <td>10/08/2012</td> </tr> <tr> <td>Sudhir B. Pattar</td> <td>10/03/2012</td> </tr> <tr> <td>Yogendra C. Shah</td> <td>10/03/2012</td> </tr> </tbody> </table> | | Name | Execution Date | Andreas Schmidt | 10/30/2012 | Andreas Leicher | 10/30/2012 | Inhyok Cha | 10/08/2012 | Sudhir B. Pattar | 10/03/2012 | Yogendra C. Shah | 10/03/2012 |
| Name | Execution Date | | | | | | | | | | | | |
| Andreas Schmidt | 10/30/2012 | | | | | | | | | | | | |
| Andreas Leicher | 10/30/2012 | | | | | | | | | | | | |
| Inhyok Cha | 10/08/2012 | | | | | | | | | | | | |
| Sudhir B. Pattar | 10/03/2012 | | | | | | | | | | | | |
| Yogendra C. Shah | 10/03/2012 | | | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | | | |
| Name: | InterDigital Patent Holdings, Inc. | | | | | | | | | | | | |
| Street Address: | 3411 Silverside Road, Concord Plaza | | | | | | | | | | | | |
| Internal Address: | Suite 105, Hagley Building | | | | | | | | | | | | |
| City: | Wilmington | | | | | | | | | | | | |
| State/Country: | DELAWARE | | | | | | | | | | | | |
| Postal Code: | 19810 | | | | | | | | | | | | |
| 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>13582867</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13582867 | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | |
| Application Number: | 13582867 | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | |
| Fax Number: | 2155683439 | | | | | | | | | | | | |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | | | | | | | | | | | | |
| Phone: | 215-564-1457 | | | | | | | | | | | | |
| Email: | assignments@woodcock.com | | | | | | | | | | | | |
| Correspondent Name: | Julia Hackstie | | | | | | | | | | | | |
| Address Line 1: | 2929 Arch Street, 12th Floor | | | | | | | | | | | | |
| Address Line 4: | Philadelphia, PENNSYLVANIA 19104-2891 | | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 10465US02 | | | | | | | | | | | | |
| NAME OF SUBMITTER: | Julia C. Hackstie | | | | | | | | | | | | |

CH \$40.00 13582867

Total Attachments: 7

source=10465US02_Executed_Assignment#page1.tif

source=10465US02_Executed_Assignment#page2.tif

source=10465US02_Executed_Assignment#page3.tif

source=10465US02_Executed_Assignment#page4.tif

source=10465US02_Executed_Assignment#page5.tif

source=10465US02_Executed_Assignment#page6.tif

source=10465US02_Executed_Assignment#page7.tif

ASSIGNMENT

WHEREAS, we Andreas Schmidt, residing at Teutonenweg 37, 65929 Frankfurt am Main, Germany, Andreas Leicher, residing at Heidestr. 131, 60385 Frankfurt, Germany, Inhyok Cha, residing at Joong-Ang Heights Village, 102-Dong 202-Ho, 14-1 Samsung Dong, Gangnam-Ku, Seoul, Korea, Sudhir B. Pattar, residing at 17 Ann Drive, Mount Laurel, New Jersey 08054, and Yogendra C. Shah, residing at 10 Regency Court, Exton, Pennsylvania 19341, hereinafter referred to as the ASSIGNORS, are joint inventors of certain inventions or improvements for which we have made application for Letters Patent to the United States, identified as Application No. 13/582,867, filed September 5, 2012, entitled METHOD AND APPARATUS FOR PROVIDING SECURITY TO DEVICES; and

WHEREAS, InterDigital Patent Holdings, Inc., hereinafter referred to as the ASSIGNEE, of 3411 Silverside Road, Concord Plaza, Suite 105, Hagley Building, Wilmington, Delaware 19810, a corporation of Delaware, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, and intending to be legally bound hereby, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said ASSIGNEE, our entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, including our full right to sue for and collect damages for past violations of provisional rights having arisen from any publication of said application or any continuations, divisions, or renewals of or substitutes for said application. We further assign to and authorize said ASSIGNEE, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said ASSIGNEE, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

DOCKET NO.: 10465US02

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said ASSIGNEE, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said ASSIGNEE or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said ASSIGNEE, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

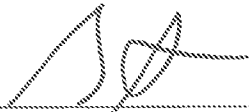
AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said ASSIGNEE, as ASSIGNEE of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

AND this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

DOCKET NO.: 10465US02

30th Oct. 2012
Date



Andreas Schmidt

Signed at Karben, Germany
(City and Country)

STATEMENT OF WITNESS: I, Andreas Leicher
Name of Witness


whose full address is: Heidest. 131, 60385 Frankfurt
Address of Witness

was personally present and did see Andreas Schmidt execute this Assignment on the 30th
day of October, 2012 and such Assignor is personally known to me to be the person
described herein.


Signature of Witness

DOCKET NO.: 10465US02

30th Oct. 2012
Date

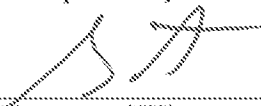

Andreas Leicher

Signed at Karben Germany
(City and Country)

STATEMENT OF WITNESS: I, Andreas Schmid
Name of Witness

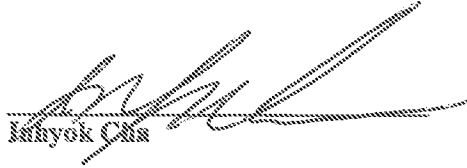
whose full address is: Dillenburgerstrasse 13, 60435 Frankfurt, Germany
Address of Witness

was personally present and did see Andreas Leicher execute this Assignment on the 30th
day of October, 2012 and such Assignor is personally known to me to be the person
described herein.


Signature of Witness

DOCKET NO.: 10465US02

Oct. 8. 2012
Date


Inhyok Cha

Signed at Seoul, Korea
(City and Country)

STATEMENT OF WITNESS: I, Gunjung Ryeu
Name of Witness

whose full address is: #102-202 H-1 Samsung-Dong Gangnam-ku Seoul Kor
Address of Witness

was personally present and did see Inhyok Cha execute this Assignment on the 8th
day of October, 2012 and such Assignor is personally known to me to be the person
described herein.

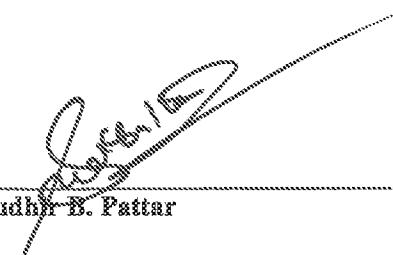

Signature of Witness

DOCKET NO.: 10463US02

Date

10/3/12

Sudhir B. Pattar

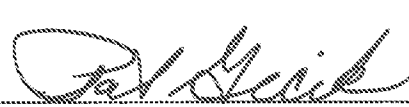


Signed at

781 Third Avenue, King of Prussia, PA 19408 USA

(City and Country)

STATEMENT OF WITNESS: I,



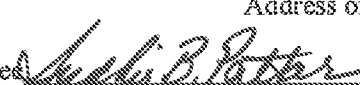
Name of Witness

whose full address is:

781 Third Avenue, King of Prussia, PA 19408 USA

Address of Witness

was personally present and did see

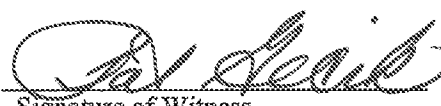


execute this Assignment on the

day of October, 2012

and such Assignor is personally known to me to be the person

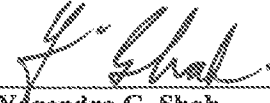
described herein.



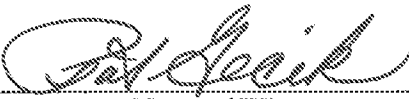
Signature of Witness

DOCKET NO.: 10465US02

Date 10/3/12


Yogendra C. Shah

Signed at 781 Third Avenue, King of Prussia, PA 19406 USA
(City and Country)

STATEMENT OF WITNESS: I, 
Name of Witness

whose full address is: 781 Third Avenue, King of Prussia, PA 19406 USA
Address of Witness

was personally present and did see Yogendra C. Shah execute this Assignment on the 3
day of October, 2012 and such Assignor is personally known to me to be the person
described herein.


Signature of Witness