

## 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>Helen Kankan Pan</td> <td>07/17/2013</td> </tr> <tr> <td>Wen-Ling Huang</td> <td>07/22/2013</td> </tr> <tr> <td>Harry G. Skinner</td> <td>07/22/2013</td> </tr> </tbody> </table>		Name	Execution Date	Helen Kankan Pan	07/17/2013	Wen-Ling Huang	07/22/2013	Harry G. Skinner	07/22/2013		
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Helen Kankan Pan	07/17/2013										
Wen-Ling Huang	07/22/2013										
Harry G. Skinner	07/22/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Intel Corporation</td> </tr> <tr> <td>Street Address:</td> <td>2200 Mission College Blvd.</td> </tr> <tr> <td>City:</td> <td>Santa Clara</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95054</td> </tr> </table>		Name:	Intel Corporation	Street Address:	2200 Mission College Blvd.	City:	Santa Clara	State/Country:	CALIFORNIA	Postal Code:	95054
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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>13948292</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13948292						
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Application Number:	13948292										
CORRESPONDENCE DATA											
<p>Fax Number: 6057911857  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 6054154394        Email: llee@slwip-rc.com        Correspondent Name: Lisa M. Lee        Address Line 1: 1241 Concourse Dr.        Address Line 4: Rapid City, SOUTH DAKOTA 57703</p>											
ATTORNEY DOCKET NUMBER:	884.N45US1										
NAME OF SUBMITTER:	Lisa M. Lee										
Signature:	/Lisa M. Lee/										
Date:	07/29/2013										

CH \$40.00 13948292

Total Attachments: 7

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RECORDATION FORM COVER SHEET  
PATENTS ONLY

Atty Ref/Docket No.: 884.N45US1

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Helen Kankan Pan, Wen-Ling Huang, Harry G. Skinner

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Intel Corporation

Street Address: 2200 Mission College Blvd.

City: Santa Clara State: CA Zip: 95054

Country: United States of America

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement ☐ Change of Name

☐ Other

Additional name(s) & address(es) attached? ☐ Yes ☒ No

Execution Date: July 17, 2013, July 22, 2013, July 22, 2013

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. 13/948,292, filed July 23, 2013

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Gregory J. Gorrie

Address:

Schwegman, Lundberg & Woessner, P.A.

P.O. Box 2938

Minneapolis, MN 55402--0938

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):\$ 40.00

☐ Enclosed

☒ Authorized to be charged to deposit account  
19-0743

8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743

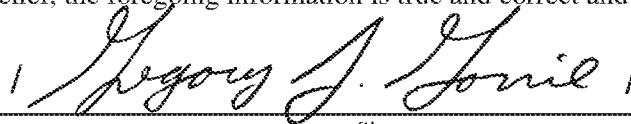
**DO NOT USE THIS SPACE**

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Gregory J. Gorrie/Reg. No. 36,530

Name of Person Signing



Signature

July 29, 2013

Date

Total number of pages including cover sheet: 7

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks

Mail Stop Assignment Recordation Services

P.O. Box 1450

Alexandria, VA 22313-1450

**PATENT**  
**REEL: 030895 FRAME: 0264**

## **ASSIGNMENT**

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s):

**Helen Kankan Pan, Wen-Ling Huang, Harry G. Skinner**

hereby sell, assign, and transfer to:

**Intel Corporation**

a corporation of Delaware; having a principal place of business at 2200 Mission College Boulevard, Santa Clara, California, 95054 USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all other countries; in and to any and all inventions and improvements that are disclosed in the application for the patent entitled:

### **OPTICALLY TRANSPARENT ANTENNA FOR WIRELESS COMMUNICATION AND ENERGY TRANSFER**

(I hereby authorize and request any attorney having appropriate authority from the assignee to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on July 23, 2013 as

United States Application Number 13/948,292  
Country or International Office

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filed in the United States and all other countries and international filing offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and international filing offices on said inventions and improvements; and in and to all rights of priority resulting from the filing of said applications; as used herein "Additional Applications" includes but is not limited to design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements;

and agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all Additional Applications, and all other patent applications on any and all said inventions and improvements; execute

all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.



Helen Kankan Pan

7/17/13

Date Signed

Wen-Ling Huang

Date Signed

Harry G. Skinner

Date Signed

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all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

.....  
Helen Kankan Pan

.....  
Date Signed

.....  
*Wen-Ling Huang*  
Wen-Ling Huang

.....  
*July 22 2013*  
Date Signed

.....  
Harry G. Skinner

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Helen Kankan Pan

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Date Signed

\_\_\_\_\_  
Wen-Ling Huang

\_\_\_\_\_  
Date Signed

\_\_\_\_\_  
*Harry G. Skinner*  
Harry G. Skinner

\_\_\_\_\_  
*7/22/13*  
Date Signed