

## 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>Eli VELNER</td> <td>07/18/2012</td> </tr> <tr> <td>Moshe PORAT-FORSHLAGER</td> <td>07/19/2012</td> </tr> </tbody> </table>   |                                      | Name          | Execution Date              | Eli VELNER          | 07/18/2012   | Moshe PORAT-FORSHLAGER | 07/19/2012         |       |            |                |             |
| Name   | Execution Date                       |               |                             |                     |              |                        |                    |       |            |                |             |
| Eli VELNER   | 07/18/2012                           |               |                             |                     |              |                        |                    |       |            |                |             |
| Moshe PORAT-FORSHLAGER   | 07/19/2012                           |               |                             |                     |              |                        |                    |       |            |                |             |
| RECEIVING PARTY DATA   |                                      |               |                             |                     |              |                        |                    |       |            |                |             |
| <table border="1"> <tr> <td>Name:</td> <td>HEWLETT-PACKARD INDIGO B.V.</td> </tr> <tr> <td>Street Address:</td> <td>Startbaan 16</td> </tr> <tr> <td>Internal Address:</td> <td>1187 XR Amstelveen</td> </tr> <tr> <td>City:</td> <td>Amstelveen</td> </tr> <tr> <td>State/Country:</td> <td>NETHERLANDS</td> </tr> </table> |                                      | Name:         | HEWLETT-PACKARD INDIGO B.V. | Street Address:     | Startbaan 16 | Internal Address:      | 1187 XR Amstelveen | City: | Amstelveen | State/Country: | NETHERLANDS |
| Name:  | HEWLETT-PACKARD INDIGO B.V.          |               |                             |                     |              |                        |                    |       |            |                |             |
| Street Address:  | Startbaan 16                         |               |                             |                     |              |                        |                    |       |            |                |             |
| Internal Address:  | 1187 XR Amstelveen                   |               |                             |                     |              |                        |                    |       |            |                |             |
| City:  | Amstelveen                           |               |                             |                     |              |                        |                    |       |            |                |             |
| State/Country:   | NETHERLANDS                          |               |                             |                     |              |                        |                    |       |            |                |             |
| 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>13553356</td> </tr> </tbody> </table>  |                                      | Property Type | Number                      | Application Number: | 13553356     |                        |                    |       |            |                |             |
| Property Type  | Number                               |               |                             |                     |              |                        |                    |       |            |                |             |
| Application Number:  | 13553356                             |               |                             |                     |              |                        |                    |       |            |                |             |
| CORRESPONDENCE DATA  |                                      |               |                             |                     |              |                        |                    |       |            |                |             |
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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>  |                                      |               |                             |                     |              |                        |                    |       |            |                |             |
| Correspondent Name:  | Hewlett-Packard Company              |               |                             |                     |              |                        |                    |       |            |                |             |
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| Address Line 4:  | Fort Collins, COLORADO 80528         |               |                             |                     |              |                        |                    |       |            |                |             |
| NAME OF SUBMITTER:   | Mark S. Cohen                        |               |                             |                     |              |                        |                    |       |            |                |             |
| Total Attachments: 3<br>source=82995845-U-RASS-23JUL12#page1.tif<br>source=82995845-U-RASS-23JUL12#page2.tif<br>source=82995845-U-RASS-23JUL12#page3.tif   |                                      |               |                             |                     |              |                        |                    |       |            |                |             |

CH \$40.00 13553356

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

|   |  |
|---|--|
| <p>1. Name of conveying party(ies):<br/>Eli Veiner<br/>Moshe Porat-Forshlager<br/>Bar-Navi Miki</p>                     | <p>2. Name and address of receiving party(ies):<br/><br/>HEWLETT-PACKARD INDIGO B.V.<br/>Startbaan 16<br/>1187 XR Amstelveen<br/>The Netherlands</p> |
| <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>    |  |
| <p>Additional name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> |  |

3. Nature of Conveyance:

Assignment       Merger       Change of Name       Security Agreement       Joint

Other

Execution Date(s): July 18, 2012; July 19, 2012; July 19, 2012

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

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

A. Patent Application No.(s)  
Application No.: 13/553356      Date Filed: July 19, 2012  
Confirmation No.: 7500      B. Patent No.(s):

Additional numbers attached? NO

|  |   |
|--|---|
| <p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p><b>Records Manager<br/>Intellectual Property Administration<br/>HEWLETT-PACKARD COMPANY<br/>3404 E. Harmony Road<br/>Mail Stop 35<br/>Fort Collins, Colorado 80528</b></p> | <p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total Fee (37 CFR 3.41): . . . . . \$40.00</p> <p><input type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorization to be charged to deposit account.</p> <p>8. Deposit Account Number: <u>08-2025</u></p> |
|--|---|

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.*

\_\_\_\_\_  
Mark S. Cohen      /Mark S. Cohen Reg. No. 42,425/      Jul 23, 2012  
Name of Person Signing      Signature      Date

Total number of pages including coversheet, attachments, and documents: 2

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

Rev 06/12 (RecdAsgn-HP Indigo)

HEWLETT-PACKARD COMPANY  
Intellectual Property Administrator  
3404 E. Harmony Road  
Mail Stop 35  
Fort Collins, Colorado 80528

PATENT APPLICATION

RECORD ID: 82995845

**ASSIGNMENT OF PATENT APPLICATION**

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD INDIGO B.V., having its registered offices in Maastricht, The Netherlands, (hereinafter HP-INDIGO), in furtherance of my/our obligations to the Hewlett-Packard Company and its subsidiaries and affiliates, and do hereby assign and transfer to HP-INDIGO, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

HYBRID PHOTODETECTOR

Filing Date: July 19, 2012 Application No.: 13/553,356

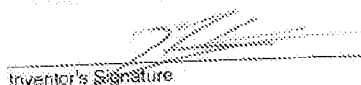
and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore, and any reissues, or reexaminations, or extensions of said Letters Patent.

I/we additionally authorize HP-INDIGO to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by HP-INDIGO, 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 me/us had this assignment, and transfer not been made;

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a 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 invention(s) or improvement(s), said application and said Letters Patent, to HP-INDIGO, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HP-INDIGO, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid HP-INDIGO, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by HP-INDIGO;

AND I/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 HP-INDIGO, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), 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.


I/we further authorize and direct the attorneys of record to insert the serial number and filing date of said application now identified by the Record ID and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

  
Inventor's Signature

7/19/12  
Date Assignment Signed

Eli Veltner  
Inventor's Typed Name

7/19/12  
Date Application Signed

  
Inventor's Signature

7/19/12  
Date Assignment Signed

Moshe Porat-Forschlager  
Inventor's Typed Name

7/19/12  
Date Application Signed

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Intellectual Property Administrator  
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Mail Stop 35  
Fort Collins, Colorado 80528

PATENT APPLICATION

RECORD ID: 82995845

ASSIGNMENT OF PATENT APPLICATION (cont.)

Inventor's Signature

Date Assignment Signed

7/19/12

Bar-Navi Michael  
Inventor's Typed Name

Date Application Signed

7/19/12

Inventor's Signature

Date Assignment Signed

Inventor's Typed Name

Date Application Signed

Inventor's Signature

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