| 07-26-1999   |   |
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| To the Honorable Commissioner of Patents and Trademarks. Please re-  | ecord the attached original documents or copy the eof.  |
| <ol> <li>Name of conveying party(ies):</li> <li>John J. Simonetti and Raimund Barden</li> <li>Additional name(s) of conveying party(ies) attached [] yes [X]no</li> </ol>  | 2. Name and address of receiving party(ics):         Name:       Schlumberger Technology Corporation         Street Address:       Old Quarry Road         City:      Ridgefield       State:       CT       ZIP:      06877-4108 |
| <ul> <li>3. Nature of Conveyance: <b>7-19-99</b></li> <li>[X] Assignment [] Merger (of entire interest)</li> <li>[] Security Agreement [] Change of Name</li> </ul>  | City:   |
| [] Other<br>Execution Date: October 6, 1998 and June 22, 1999  | City: <u>Wiesbaden</u> State: <u>Germany</u> <u>ZIP</u> : <u>D-65199</u><br>Additional name(s) & address(es) attached?<br>[] Yes [X] No   |
| <ul> <li>4. Application number(s) or patent number(s):</li> <li>If this document is being filed together with a new application, the ex</li> <li>A. Patent Application No.(s)</li> <li>09/116,520</li> <li>Additional numbers attached? [] Yes [X] No</li> </ul>   | Recution date of the application is:<br>B. Patent No.(s)  |
| 5. Name and address of party to whom<br>correspondence concerning document<br>should be mailed   | 6. Total number of applications and patents involved [1]  |
| Name:<br>Internal Address: <u>Intellectual Property Law Department</u><br>Schlumberger-Doll Research<br>Street Address: <u>Old Quarry Road</u>   | <ul> <li>7. Total fcc (37 CFR 3.41):. \$ 80.00</li> <li>[] Enclosed</li> <li>[X] Authorized to be charged to deposit account</li> </ul>   |
| City: <u>Ridgefield</u> State: <u>CT</u> ZIP <u>06877-4108</u>   | <ul> <li>8. Deposit account number: <u>19-0615</u></li> <li>(Attach duplicate copy of this page if paying by deposit account)</li> </ul>  |
| DO NOT USE THIS SPACE  |   |
| <ul> <li>9. Statement and signature.</li> <li>To be best of my knowledge and belief, the foregoing information is troriginal document</li> <li>William B. Batzer<br/>Registration No. 37,088</li> <li>Total number of pages comprising cover sheet: [1]</li> <li>OMB No. 0651-0011 (exp. 4/94)</li> <li>Do not detach this portion</li> <li>Mail documents to be recorded with required cover sheet information</li> </ul> | ture 14 July 1999<br>Date OPE   |
| 23/1999 DNGUYEN 00000251 190615 09116520 Assistant   | Commissioner for Patents<br>Box Assignments<br>Ishington, D.C. 20231  |

## ASSIGNMENT

WHEREAS I, John J. Simonetti (Inventor), a citizen of the United States, whose post office address is 1 Line Road, Hamilton Square, New Jersey 08690, have invented PHOTODETECTOR AND METHOD FOR MANUFACTURING IT as described and set forth in a U.S. Patent Application, filed July 16, 1998, Serial Number 09/116,520 (Attorney Docket No. 49.318).

AND WHEREAS, Schlumberger Technology Corporation, its successors and assigns (hereafter Schlumberger), a corporation organized, incorporated and existing under the laws of Texas, and having a place of business at Old Quarry Road, Ridgefield, CT, U.S.A., and Heimann Optoelectronics GmbH, its successors and assigns (hereafter Heimann), a subsidiary of EG&G Inc., having a place of business at 65199 Wiesbaden, Germany, want to acquire or confirm their acquisition of the entire right, title and interest in this invention, inventions or improvements, application, and any patent, both in the United States and all foreign countries;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that I, the Inventor, for good, sufficient and valuable consideration, assign, transfer and convey as follows: (i) solely to Schlumberger, all right, title and interest, throughout the world, in my invention as described in the above-identified patent application, for use in the oilfield services business; (ii) solely to Heimann, all right, title and interest, throughout the world, in my invention as described in the above-identified patent application, for low cost, mass market applications; and (iii) jointly to Schlumberger and Heimann, all right, title and interest, throughout the world, in my invention as described in the above-identified patent application, for use(s) other than those specified in (i) and (ii). The rights conveyed include the right to file foreign applications under the provisions of any convention or treaty; any confirmation, divisional, continuation, continuation-in-part, or substitute application which may be filed on this invention anywhere; and any patents, certificates, utility models, reissues, extensions, additions or confirmations which may be granted anywhere for the invention, TO HAVE AND TO HOLD the same to the full end of the term or terms for which any such patent may be issued.

AND I authorize and request the appropriate authority to issue any related patent to Schlumberger and Heimann as the assignees of the entire right, title and interest in the patent, for the sole use and benefit of Schlumberger and Heimann.

AND I covenant and warrant that I have full right to convey the entire right, title and interest in this invention free and clear of all licenses, encumbrances or liens, and that I have not executed and will not execute any instruments in conflict with this agreement.

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AND I agree that I, my executors, administrators, or other personal representatives, shall do whatever is legally necessary (make all rightful oaths, execute, and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents) in the opinion of counsel for Schlumberger and Heimann, to secure and vest in Schlumberger and Heimann, solely and jointly, as specified above, the entire right, title and interest in this invention, inventions, or improvements, application or applications, patents, rights, titles, benefits, privileges and advantages.

IN WITNESS WHEREOF, I sign this Life day of October 1998.

STATE OF ss: 144-44-0897 COUNTY OF

SEAL

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APRIL OHLER Notary Public, New Jersey My Commission Expires August 1, 2002

## ASSIGNMENT

WHEREAS I, Raimund Barden (Inventor), a citizen of Germany, whose post office address is Bischof-Dirichs-Strabe 13 b, D-653375 Oestrich-Winkel, Germany, have invented PHOTODETECTOR AND METHOD FOR MANUFACTURING IT as described and set forth in a U.S. Patent Application, filed July 16, 1998, Serial Number 09/116,520 (Attorney Docket No. 49.318).

AND WHEREAS, Schlumberger Technology Corporation, its successors and assigns (hereafter Schlumberger), a corporation organized, incorporated and existing under the laws of Texas, and having a place of business at Old Quarry Road, Ridgefield, CT, U.S.A., and Heimann Optoelectronics GmbH, its successors and assigns (hereafter Heimann), a subsidiary of EG&G Inc., having a place of business at 65199 Wiesbaden, Germany, want to acquire or confirm their acquisition of the entire right, title and interest in this invention, inventions or improvements, application, and any patent, in the United States;

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## NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT

KNOWN, that I, the Inventor, for good, sufficient and valuable consideration, assign, transfer and convey as follows: (i) solely to Schlumberger, all right, title and interest, in the United States, in my invention as described in the above-identified patent application, for use in the oilfield services business; (ii) solely to Heimann, all right, title and interest, in the United States, in my invention as described in the above-identified patent application, for low cost, mass market applications; and (iii) jointly to Schlumberger and Heimann, all right, title and interest, in the United States, in my invention as described in the above-identified patent application, for use(s) other than those specified in (i) and (ii). The rights conveyed include the right to file any confirmation, divisional, continuation, continuation-in-part, or substitute application which may be filed on this invention in the United States, and any patents, certificates, utility models, reissues, extensions, additions or confirmations which may be granted in the United States for the invention, TO HAVE AND TO HOLD the same to the full end of the term or terms for which any such patent may be issued.

AND I authorize and request the appropriate authority to issue any related patent to Schlumberger and Heimann as the assignees of the entire right, title and interest in the patent, for the sole use and benefit of Schlumberger and Heimann.

AND I covenant and warrant that I have full right to convey the entire right, title and interest in this invention free and clear of all licenses, encumbrances or liens, and that I have not executed and will not execute any instruments in conflict with this agreement.

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AND I agree that I, my executors, administrators, or other personal representatives, shall do whatever is legally necessary (make all rightful oaths, execute, and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents) in the opinion of counsel for Schlumberger and Heimann, to secure and vest in Schlumberger and Heimann, solely and jointly, as specified above, the entire right, title and interest in this invention, inventions, or improvements, application or applications, patents, rights, titles, benefits, privileges and advantages.

IN WITNESS WHEREOF, I sign this <u>22</u> day of <u>JUNE 1999</u>

1998.

Raimund Barden

## WITNESSED:

BE IT KNOWN, that Raimund Barden is known to us to be the individual described in this assignment, that on this \_\_\_\_\_ day of \_\_\_\_\_\_, 19\_\_\_, we were personally present and did see him sign and execute this assignment and that he acknowledged to us that he executed the same as his free act and deed for the uses and purposes therein set forth.

First Witness

Crylling

Post Office Address

MAR AU.

Withaden

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<u>(landia dure)</u> Second Witness <u>Friedhofstraße 9</u> <u>554 11 Bingen</u> <u>Germany</u>

Post Office Address

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PATENT REEL: 010109 FRAME: 0184

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APPLICANTS: SIMONETTI et al.

APPL NO: 09/116,520

FILING DATE: July 16, 1998

TITLE: PHOTODETECTOR AND METHOD FOR MANUFACTURING IT

PAPER: Appointment of Associate Attorney

PAPER DATE: July 14, 1999