| | A105811 | 40 Docket No.: 9959/95537-PCT |
|--|-----------------------|--|
| FORM PTO-1595 (Modified) (129v. 03-01) OMB No. 0651-0027 (exp.5/31/2002) POBA/REV03 Tab settings To the Director of the United States P 1. Name of conveying party(ies): | 05-22-20 | |
| Akira ENDO Hideo HOSHINO | | Name: GIGAPHOTON, INC. Address: Asahi Tokai Bldg., 6-1 |
| Additional names(s) of conveying party(ies) | Yes 🛛 No 🔤 | Ohtemachi 2-chome |
| 3. Nature of conveyance:AssignmentMerg | jer _ | |
| Security Agreement Char Other | - | City: Chiyoda-ku State/Prov.: TOKYO Country: JAPAN ZIP: 100-0004 |
| Execution Date: October 11, 2005 | | Additional name(s) & address(es) |
| 10/51/2005 SFRET1 0000015- 1055 44 30 04 FC:8021 (40.00 DF) | Additional numbers | 10/554430 □ Yes ⊠ No |
| Name and address of party to whom corresp concerning document should be mailed: | ondence | 6. Total number of applications and patents involved: 1 |
| Name: <u>Gerald T. Shekleton</u> Registration No. <u>27,466</u> Address: <u>WELSH & KATZ, LTD.</u> | | 7. Total fee (37 CFR 3.41):\$ 40.00 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account |
| 120 South Riverside Plaza 22nd Floor | | 8. Deposit account number: |
| City: Chicago State/Pro | ov.: <u>Illinois</u> | 23-0920 |
| Country: <u>U.S.A.</u> ZIP: <u>600</u> | | (Attach duplicate copy of this page if paying by deposit account) |
| of the original document. <u>GERALD T. SHEKLETON</u> Name of Person Signing | foregoing information | SE THIS SPACE ion is true and correct and any attached copy is a true copy Join Signature Signature Sheet, attachments, and document: |

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FAICNI REEL: 017885 FRAME: 0482

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

| DEBR | IS COLL | ECTOR FO | <u>R EUV</u> | LIGHT | GENER | ATOR | | |
|---------------------------------------|----------------|----------------|--------------|--------------|--------------|-----------------------------|---|--------|
| | | | | (Title of | Invention | 1) | | |
| for which I/We ex | ecuted an a | pplication for | United S | States Lette | ers Patent o | concurrently herewith or fi | iled an application for | |
| United States Lett | ters Patent of | on | ····· | | , 19 | (Serial No | |): and |
| | | HOTON INC | | | | | | • |
| · · · · · · · · · · · · · · · · · · · | | | | (Full Name | e of Assign | nee) | | |
| a corporation of _ | Japan | | | | | | | |
| · | | | ((| Country of | Incorpora | ation) | | |
| whose post office | oddrage is | Asahi Tokai | Bldg | 6-1 Oht | èmachi 2- | 2-chome Chivoda-ku T | $\int \frac{1}{\sqrt{2}} - \frac{1}{\sqrt{2}} - \frac{1}{\sqrt{2}} + \frac$ | n |

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/We, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

| I. FULL NAME OF SOLE OR FIRST ASSIGNOR | ASSIGNOR'S SIGNATURE | | DATE |
|---|---------------------------------------|-------------|------------------|
| | Aking Enda | | |
| Akira ENDO | Viena charc | ······ | October 11, 2005 |
| ADDRESS C/O GIGAPHOTON INC., 1200, Ma | nda, Hiratsuka–shi, | CITIZENSHIP | |
| Kanagawa 254-8567 Japan | • | Japanese | · |
| 2. FULL NAME OF SECOND ASSIGNOR, IF ANY | ASSIGNOR'S SIGNATURE | | DATE |
| Hideo HOSHINO | Aldea Hoshing | | od 11,2005 |
| ADDRESS c/o Kenkyusho of Komatsu Ltd., 12 | 200. Manda. | CITIZENSHIP | |
| Hiratsuka-shi, Kanagawa 254-8567 Japan | · · · · · · · · · · · · · · · · · · · | Japanese | |
| 3. FULL NAME OF THIRD ASSIGNOR, IF ANY | ASSIGNOR'S SIGNATURE | | DATE |
| | | | |
| ADDRESS | | CITIZENSHIP | |
| | | | |
| 4. FULL NAME OF FOURTH ASSIGNOR, IF ANY | ASSIGNOR'S SIGNATURE | | DATE |
| | | | |
| ADDRESS | | CITIZENSHIP | |
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| 5. FULL NAME OF FIFTH ASSIGNOR, IF ANY | ASSIGNOR'S SIGNATURE | | DATE . |
| | | | |
| ADDRESS | · · | CITIZENSHIP | |
| | • | | |
| 6. FULL NAME OF SIXTH ASSIGNOR, IF ANY | ASSIGNOR'S SIGNATURE | | DATE |
| | , | | |
| ADDRESS | | CITIZENSHIP | |
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