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10/568091

To the Director of the United States Patent

103181828

Attached original documents or copy thereof.

1. Name of conveying party(ies):
Tatsuya ARIGA
Osamu WAKABAYASHI
Kouji KAKIZAKI

2. Name and address of receiving party(ies):
Name: **GIGAPHOTON INC.**
Address: **Asahi Toki Bldg., 6-1,**
Ohtemachi 2-chome, Chiyoda-ku

Additional names(s) of conveying party(ies) Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

City: **Tokyo** State/Prov.:
Country: **JAPAN** ZIP: **1000004**

10/568091

Execution Date: **12/28/2005, 1/5/2006 & 1/13/2006**

Additional name(s) & address(es) Yes No

4. Application number(s) or patent numbers(s):
If this document is being filed together with a new application, the execution date of the application is: **12/28/2005, 1/5/2006 & 1/13/2006**

Patent Application No. Filing date
02/17/2006 BFREY1 00000163 10568091
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Additional numbers

B. Patent No.(s)
 Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: **Gerald T. Shekleton (1110/96542)**
Registration No. **27,466**
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Country: **U.S.A.** ZIP: **60606-3912**

6. Total number of applications and patents involved: **1**
7. Total fee (37 CFR 3.41):.....\$ **1.00**
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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.

GERALD T. SHEKLETON
Name of Person Signing

February 10, 2006
Date

Total number of pages including cover sheet, attachments, and document: **2**

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ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:
TWO-STAGE LASER PULSE ENERGY CONTROL DEVICE AND TWO-STAGE
LASER SYSTEM (Title of Invention)

for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for
 United States Letters Patent on _____, 19 _____ (Serial No. _____); and

WHEREAS, GIGAPHOTON INC.
 (Full Name of Assignee)
 a corporation of Japan
 (Country of Incorporation)

whose post office address is Asahi Tokai Bldg., 6-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 Japan

(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).

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Tatsuya ARIGA	ASSIGNOR'S SIGNATURE <i>Tatsuya Ariga</i>	DATE 1/5/2006
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2. FULL NAME OF SECOND ASSIGNOR, IF ANY Osamu WAKABAYASHI	ASSIGNOR'S SIGNATURE <i>Osamu Wakabayashi</i>	DATE 1/13/2006
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3. FULL NAME OF THIRD ASSIGNOR, IF ANY Kouji KAKIZAKI	ASSIGNOR'S SIGNATURE <i>Kouji Kakizaki</i>	DATE 12/28/2005
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5. FULL NAME OF FIFTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
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6. FULL NAME OF SIXTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
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