

## 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>Akihiro YAMAMOTO</td><td>10/31/2011</td></tr><tr><td>Akira DOI</td><td>10/31/2011</td></tr><tr><td>Daisuke MATSUKA</td><td>10/31/2011</td></tr><tr><td>Souichi TOYAMA</td><td>10/25/2011</td></tr><tr><td>Hiroyuki SUGAWARA</td><td>10/25/2011</td></tr></tbody></table>	Name	Execution Date	Akihiro YAMAMOTO	10/31/2011	Akira DOI	10/31/2011	Daisuke MATSUKA	10/31/2011	Souichi TOYAMA	10/25/2011	Hiroyuki SUGAWARA	10/25/2011	
Name	Execution Date												
Akihiro YAMAMOTO	10/31/2011												
Akira DOI	10/31/2011												
Daisuke MATSUKA	10/31/2011												
Souichi TOYAMA	10/25/2011												
Hiroyuki SUGAWARA	10/25/2011												
RECEIVING PARTY DATA													
Name:	Hitachi Via Mechanics, Ltd.												
Street Address:	2100, Kamiimaizumi												
City:	Ebina-shi, Kanagawa												
State/Country:	JAPAN												
Postal Code:	243-0488												
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>13282837</td></tr></tbody></table>	Property Type	Number	Application Number:	13282837									
Property Type	Number												
Application Number:	13282837												
CORRESPONDENCE DATA													
Fax Number:	(202)628-8844												
Phone:	202-624-2500												
Email:	tyhaynes@crowell.com												
<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:	Crowell & Moring LLP												
Address Line 1:	1001 Pennsylvania Avenue, N.W.												
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20004												
ATTORNEY DOCKET NUMBER:	029116.63970US												
NAME OF SUBMITTER:	Michael H. Jacobs												
Total Attachments: 2 source=63970US_Assignment#page1.tif source=63970US_Assignment#page2.tif													

OP \$40.00 13282837

501740302

PATENT  
REEL: 027312 FRAME: 0388

**ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

**Hitachi Via Mechanics, Ltd.**  
**2100, Kamiimaizumi, Ebina-shi, Kanagawa 243-0488, Japan**

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to:

**Galvanoscanner and Laser Processing Machine**

as set forth in his United States Patent Application (check one):

- ☐ executed concurrently herewith,  
☐ executed on \_\_\_\_\_,  
☐ Serial No. \_\_\_\_\_, filed \_\_\_\_\_,  
☐ PCT International Application, No.: \_\_, filed \_\_,

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of **CROWELL & MORING, L.L.P.**, or any partner thereof, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

**Inventor one:**  
Citizen of: Japan

**Akihiro YAMAMOTO**

\_\_\_\_\_  
(Signature of witness (optional))

*Akihiro Yamamoto*  
\_\_\_\_\_  
(Signature of 1st inventor)

*Oct. 31, 2011*  
\_\_\_\_\_  
(Date)

**Inventor two:**  
Citizen of: Japan

**Akira DOI**

(Signature of witness (optional))

(Signature of 2nd inventor)

Oct. 31, 2011  
(Date)

**Inventor three:**  
Citizen of: Japan

**Daisuke MATSUKA**

(Signature of witness (optional))

(Signature of 3rd inventor)

Oct. 31, 2011  
(Date)

**Inventor four:**  
Citizen of: Japan

**Souichi TOYAMA**

(Signature of witness (optional))

(Signature of 4th inventor)

Oct. 25, 2011  
(Date)

**Inventor five:**  
Citizen of: Japan

**Hiroyuki SUGAWARA**

(Signature of witness (optional))

(Signature of 5th inventor)

Oct. 25, 2011  
(Date)

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.