Docket No.: 2271/78115

FORM PTO-1595 (Substitute)	T U.S. DEPARTMENT OF COMMERCE
(Rev. 8-96) 10345222	Patent and Trademark Office
To the Honorable Commissioner of Page 10343222	d original documents or copy thereof.
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Seiji SARAYAMA, Hirokazu IWATA	Name: Ricoh Company, Ltd.
	Internal Address:
Addition ((-) -5(-) -4	
Additional name(s) of conveying party(ies) attached?	Street Address: 3-6, Nakamagome 1-chome,
	Ohta-ku
70 70 7	City/State/Zip: Tokyo, 143-8555, JAPAN 📆 🚾
3. Nature of Conveyance:	Ohta-ku City/State/Zip: Tokyo, 143-8555, JAPAN Ohta-ku Ohta-ku
Assignment Merger	
Security Assignment Change of Name	
Other	Additional name(s) & address(es) attached? Yes No
Execution Date(s): September 19, 2007;	Additional name(s) & address(es) attached? Yes No
September 19, 2007.	
4. Application number(s) or patent number(s): If this document is bein	g filed together with a new application, the execution date(s) of the
application is (are): September 19, 2007; Septemb	er 19, 2007
A. Patent Application No.(s)	B. Patent No.(s)
	B. Patent No.(s)
Additional numbers att 5. Name and address of party to whom correspondence concerning	tached? Yes No
document should be mailed:	6. Total number of applications and patents involved: 1
Name: Ivan S. Kavrukov, Esq.	7. Total fee (37 CFR §3.41):\$ 40.00
Internal Address:	Enclosed
	Z
Street Address: Cooper & Dunham LLP	Authorized to be charged to deposit account
1185 Avenue of the Americas	Additionized to be charged to deposit account
City/State/Zip: New York, New York 10036	9. Deposit geograph number:
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To the best of my knowledge and belief, the foregoing inform	nation is true and correct and any attached copy is a true copy of the
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Paul Teng, Reg. No. 40,837	October 1, 2007
Name of Person Signing	Signature Date
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	ith required cover sheet information to:
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Patent Application Assignment

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, we, the undersigned, hereby sell, assign and transfer to RICOH COMPANY, LTD. (name), a corporation of Japan (state), having a place of business at 3-6, Nakamagome 1-chome, Ohta-ku, TOKYO 143-8555 JAPAN (address), its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and as possessed by the undersigned, any and all inventions which are disclosed but not claimed, in the application for United States Patent, which has been executed by the undersigned concurrently herewith and is entitled

CRYSTAL PRODUCING APPARATUS, CRYSTAL PRODUCING METHOD, SUBSTRATE PRODUCING METHOD, GALLIUM NITRIDE CRYSTAL, AND GALLIUM NITRIDE SUBSTRATE

in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions

PATENT REEL: 019953 FRAME: 0187 and the history thereof, testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date:	Sep. 19, 2007	Seiji Sarayama [LS.] Seiji SARAYAMA	
Date:	Sep. 19, 2007	Virokazu Luata [LS.] Hirokazu IWATA	
Date:		[LS.]	
Date:		[LS.]	
Date:		[LS.]	
Forms Index			
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