PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
Hitoshi ABE	03/01/2007	

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	6464793

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PATENT REEL: 019147 FRAME: 0556

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Total Attachments: 1

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PATENT REEL: 019147 FRAME: 0557

ASSIGNMENT

WHEREAS, Hitoshi ABE, an individual who is a citizen of Japan residing at 1571-8, Shimoongata-machi, Hachioji-shi, Tokyo, Japan (formerly 22-11, Midorigaoka 1-chome, Sendai-shi, Miyagi-ken, Japan); Junichi NISHIZAWA, an individual who is a citizen of Japan residing at 6-16, Komegafukuro 1-chome, Aoba-ku, Sendai-shi, Miyagi-ken, Japan; and Japan Science and Technology Agency (formerly Research Development Corporation), a corporation duly organized under the laws of Japan and having its principal place of business at 5-2, Nagatacho 2-chome, Chiyoda-ku, Tokyo, Japan; are the owners (Hiroshi ABE - 7.5% share; Junichi NISHIZAWA - 42.5% share; Japan Research and Development Corporation - 50% share) of the entire right, title and interest in the invention described and claimed in the following:

United States Letters Patent No. 6,464,793 entitled "Semiconductor Crystal Growth Apparatus"

WHEREAS, **Hitoshi ABE**, hereinafter referred to as ASSIGNOR, is desirous of assigning its entire 7.5% interest in said Letters Patent;

WHEREAS, **Junichi NISHIZAWA** and **Japan Science and Technology Agency**, hereinafter referred to as ASSIGNEE, are desirous of acquiring the entire right, title and interest as held by ASSIGNOR in, to and under the said Letters Patent, such that the interest in said Letters Patent is held in the following percentages:

Junichi NISHIZAWA – 46%; Japan Science and Technology Agency – 54%

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns, and transfers to ASSIGNEE, its entire right, title, and interest in and to United States Letters Patent No. 6,464,793 and the invention therein, for the full term of the said Letters Patent and any reissue, extension, reexamination, continuation, or divisional thereof.

Assigno	or:	Hitoshi ABE	4		
1st_da	y of <u>March</u>	2007.			
IN WIT	NESS WHERE	OF, the undersigned .	ASSIGNOR has he	ereunto set hand	and seal this

Signature of Assignor:

RECORDED: 04/12/2007

Chrosh: Alex

REEL: 019147 FRAME: 0558