Docket No.: 88443

77(0)	
FORM PTO-1595 (Modified)	VER SHEET U.S. DEPARTMENT OF COMMERCE
(Rev. 03-01) OMB No. 0651-0027 (exp.5/31/2002) P08/REV03	NLY0/239593 Patent and Trademark Office
Tab settings → → → ▼	DIUS PROGRAMA 2 3 SEP 2002
To the Honorable Commissic 102287315	ecord the attached original documents or copy thereof.
Name of conveying party(ies):	∠. Name and address of receiving party(ies):
Kozo Nakamura Toshiaki Saishoji	Name: Komatsu Denshi Kinzoku Kabushiki Kaisha
Shinji Togawa	Name: Kolliatsu Delisili Kilizoku Kabusiliki Kaisha
Toshirou Kotooka Susumu Maeda	Internal Address:
Additional names(s) of conveying party(ies)	
3. Nature of conveyance:	Street Address: 25-1 Shinomiya 3-chome
🛛 Assignment 🔲 Merger	Street Address: Hiratsuka-shi
☐ Security Agreement ☐ Change of Name	Kanagawa, 254-0014 Japan
☐ Other	City: State: ZIP:
Execution Date: July 17, 2002	Additional name(s) & address(es) attached? 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: July 17, 2002
A. Patent Application No.(s)	B. Patent No.(s)
09/30/2002 MKAYPAGH 00000007 10239593 03 FC:581 40.00 DP	
Additional numbers attached? Yes No	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Gerald T. Shekleton	7. Total fee (37 CFR 3.41):\$ 40.00
Internal Address: Welsh & Katz, Ltd.	Enclosed - Any excess or insufficiency should be credited or debited to deposit account
	☐ Authorized to be charged to deposit account
Street Address: 120 S. Riverside Plaza; Suite 2200	8. Deposit account number:
	23-0920
City: Chicago State: IL ZIP: 60606	
City: Chicago State: IL ZIP: 60606	(Attach duplicate copy of this page if paying by deposit account)
	(Attach duplicate copy of this page if paying by deposit account) USE THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing inform of the original document.	use this space ation is true and correct and any attached copy is a true copy
9. Statement and signature. To the best of my knowledge and belief, the foregoing inform of the original document.	USE THIS SPACE

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled: METHOD FOR PRODUCING SILICON SINGLE CRYSTAL HAVING NO DEFECT (Title of Invention) for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for _____, 19 _____(Serial No. ______); and United States Letters Patent on .. WHEREAS, KOMATSU DENSHI KINZOKU KABUSHIKI KAISHA (Full Name of Assignee) Japan a corporation of (Country of Incorporation) 25-1, Shinomiya 3-chome, Hiratsuka-shi, Kanagawa 254-0014 Japan whose post office address is __ (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 ASSIGNOR'S SIGNATURE Kozo NAKAMURA Hose Mafrimun July 17, 2002 CITIZENSHIP ADDRESS C/O KOMATSU DENSHI KINZOKU KABUSHIKI KAISHA, 25-1, Kanagawa 254-0014 Shinomiya 3-chome, Hiratsuka-shi, ASSIGNOR'S SIGNATURE 2. FULL NAME OF SECOND ASSIGNOR, IF ANY July 17, 2002 Toshiaki SAISHOJI CITIZENSHIP ADDRESS C/O KOMATSU DENSHI KINZOKU KABUSHIKI KAISHA, 25-1, Japanese Shinomiya 3-chome, Hirabsuka-shi, Kanagawa 254-0014 3. FULL NAME OF THIRD ASSIGNOR, IF ANY ASSIGNOR'S SIGNATURE July 17, 2002 Shinji TOGAWA CITIZENSHIP ADDRESS C/O KOMATSU DENSHI KINZOKU KABUSHIKI KAÍSHA, 25-1, Shinomiya 3-chome, Hirabsuka-shi, Kanagawa 254-0014 Japan Iananese 4 FUILL NAME OF FOURTH ASSIGNOR, IF ANY DATE Joshiron Kotooka July 17, 2002 Toshirou KOTOOKA CITIZENSHIP ADDRESS C/O KOMATSU DENSHI KINZOKU KABUSHIKI KAISHA, 25-1. Japanese Shinomiya 3-chome, Hiratsuka-shi, Kanagawa 254-0014 ASSIGNOR'S SIGNATURE DATE 5. FULL NAME OF FIFTH ASSIGNOR, IF ANY July 17, 2002 Susumu MAEDA CITIZENSHIP ADDRESS C/O KOMATSU DENSHI KINZOKU KABUSHIKI KAISHA, 25-1, Shinomiya 3-chome, <u>Hiratsuka-shi. Kanagawa 254-0014</u> Japanese 6. FULL NAME OF SIXTH ASSIGNOR, IF ANY ASSIGNOR'S SIGNATURE DATE CITIZENSHIP ADDRESS

RECORDED: 09/23/2002

PATENT REEL: 013494 FRAME: 0648