IN '

MARK OFFICE

Applicant(s):

100734646 KUBOTA, Junichi; ODA, Hiroyuki

Application No.:

Group:

Filled:

January 20, 1998

Examiner:

For:

POLYCRYSTAL SILICON ROD AND PRODUCTION PROCESS THEREFOR

Date: January 20, 1998

Docket No.: 1691-0142P

RECORDING OF ASSIGNMENT

Assistant Commissioner for Patents Box Patent Application Washington, D.C. 20231

Sir:

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies) (e.g. inventor(s)):

KUBOTA, Junichi, ODA, Hiroyuki

2. Name and address of receiving party(ies) (e.g. assignee):

TOKUYAMA CORPORATION 1-1, Mikage-cho, Tokuyama-shi, YAMAGUCHI 745 JAPAN

KDENCAN1 00000029 0900003

PATENT REEL: 9222 FRAME: 0294

3.	Nature of Conveyance:			
	X Assignment			
	Security Agreement			
	Merger Change of Name			
	Other			
Execution Date: December 3, 1997				
	If this document is being filed together with a new patent application, the execution date(s) of the application is (are)			
December 3, 1997				
	A. Patent Application No.(s):			
	B. Patent No.(s):			
5.	Name and address of party to whom correspondence concerning document should be mailed:			
	Birch, Stewart, Kolasch & Birch, LLP			
	P. O. Box 747			
	Falls Church, VA 22040-0747 (703) 205-8000			
6.	Total Number of applications and patents involved: One (1)			
7.	X The recording fee in the amount of \$ 40.00 is enclosed.			

- Please charge Deposit Account No. 02-2448 in the amount of \$____. A duplicate copy of this request is enclosed.
- 9. X If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account 02-2448 for any additional fees required under 37 C.F.R. 1.16 or under 37 C.F.R. 1.17; particularly, extension of time fees.

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.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

Date: January 20, 1998

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TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS, AND DOCUMENT: <u>05</u>

(Rev. 12/21/93)

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ATTORNEY DOCKET NO.

1691-SP142P

ASSIGNMENT

	Application No. New Filed 01	<u>/20/98</u>
	WHEREAS, Junichi KUBOTA and Hiroyuki ODA	
insert Name(s) of Inventor(s)		
	(hereinafter designated as the undersigned) has (have) invented certain new and useful improvement	s in
Insert Title of Invention	POLYCRYSTAL SILICON ROD AND PRODUCTION PROCESS THEREFO	ı R
Insert Date of Signing of	for which an application for Letters Patent of the United States of America has been executed by the united States of America has been executed by	J
Application	WHEREAS, TOKUYAMA CORPORATION	. 4116
Insert Name of Assignee		
Insert Address of Assignee	of 1-1, Mikage-cho, Tokuyama-shi, YAMAGUCHI 745 JAPA	. N
	its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may therefor in the	f acquiring be granted
CHECK ONE BOX	 (1) ☐ United States of America only; or (2) ☑ United States of America and any and all foreign countries NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in han receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee the full and the telephone in the consideration in the undersigned has the state of the consideration in the undersigned and transfer unto said Assignee the full and the consideration in the undersigned has the consideration in the undersigned has the consideration in the undersigned has the consideration in the undersigned in the undersigned has the consideration in the undersigned has the undersigned	have) sold.

1. the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, if box (1) above is designated:

2. the United States of America, its territories, dependencies and possessions and in any and all foreign countries and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions and in any and all foreign countries, if box (2) above is designated;

and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and/or any and all foreign countries to issue any and all Letters Patents resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch and Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>December</u>	r 3, 1997, Name of Inventor Junichi KUBOTAs	ignature) (SEAL
Date December	r 3, 1997, Name of Inventor Hiroyaki ODA (s	signature) (SEAL
Date	, Name of Inventor(s	signature) (SEAL
Date	, Name of Inventor(s	(SEAL signature)
Date	, Name of Inventor(s	(SEAL signature)
Date	, Name of Inventor	(SEAL signature)

The execution by the Inventor(s) of this assignment may be witnessed by at least two other persons who sign here.

Witness Satom Wakamatsur

Witness PATENT
RECORDED: 01/20/1998 REEL: 9222 FRAME: 0298