09-14	-1998
FORM PTO-1595  (Rev. 9-93)	HEET U.S. DEPARTMENT OF COMMERCE
OMB No. 0651-0011 (exp. 4/94)	
Tab settings □□□□ ▼ 10082	27987
To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof
1. Name of conveying party(ies): Toshiro KOTOOKA Yoshiyuki SHIMANUKI Makoto KAMOGAWA  Additional name(s) of conveying party(ies) attached? □ Yes XOX No  3. Nature of conveyance: □ Merger	2. Name and address of receiving party(ies)  Name:  KOMATSU ELECTRONIC METALS CO. LITT  Internal Address:  2612 Shinomiya,  Hiratsuka-shi, Kanagawa-ken, Japan  Street Address:
☐ Security Agreement ☐ Change of Name	
☐ Other	City:State:ZIP:
Execution Date: August 11, 13, 1998	Additional name(s) & address(es) attached? □ Yes ☒ No
Application number(s) or patent number(s):	
	the evention date of the application in August 11, 13, 199
If this document is being filed together with a new application of the property of the propert	on, the execution date of the application is: August 11, 13, 199
A. :Patent Application No.(s)	B. Patent No.(s)
_	
Additional numbers at	tached? D YesXØ No
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name:	7. Total fee (37 CFR 3.41)\$ 40.00
Internal Address ABELMAN FRAYNE & SCHWAB	
Attorneys at Law  150 East 42nd Street  New York, N.Y. 10017~  (212) 949-9022	☐ Authorized to be charged to deposit account
Street Address:	Deposit account number:
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the original document.  Jay S. Cinamon, Reg. No.24,156  Name of Person Signing	Signature  Date  Date  District and correct and any attached copy is a true copy of  September 1, 1998  Date
Mall documents to be recorded with re	autra d'accesa hant la farre attent

## UNITED STATES

## ASSIGNMENT FROM INVENTOR

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned Assignor: Toshiro KOTOOKA; 20-1, Higashi Yahata 4-chome, Hiratsuka-shi, Kanagawa-ken, Japan - Yoshiyuki SHIMANUKI; 4310, Yokouchi, Hiratsuka-shi, Kanagawa-ken, Japan - Makoto KAMOGAWA; 20-1, Higashi Yahata hereby sells, assigns and transfers to Assignee: 4-chome, Hiratsuka-shi, Kanagawa-ken, Japan

nercoy sens, assigns and transfers to res	.151100.			_
KOMATSU ELECTRONIC METALS CO.,		_		
its successors, assigns and legal represen all foreign countries, in and to, and any a (a) Patent Number	and all improveme	nts which are disclos		apan and
(b) Application for Letters Patent Serial	No	filed	·	-
(c) Application for Letters Patent which entitled METHOD AND DEVICE FOR and in and to said application and all applications for Letters Patent which have countries on any of said improvements; a shall be issued in the United States and all	MANUFACTURING divisional, continu e been or shall be and to all or	SINGLE CRYSTALS ing, substitute, rene filed in the United S iginal and reissued p	wal, reissue and all of States and all other for patents which have bee	other reign
The Assignee may apply for the Assignee or its successors, the uncassignments; powers of attorney, or other improvements and the history thereof; a successors shall consider desirable for a comprovements and for vesting title in the comprovements.	dersigned will exec er papers and com and generally do e ding in securing an	cute all other patent of municate all facts keeperything possible weden deduction	applications; proper of nown to it relating to which the Assignee o	aths, the r its
Assignor warrants that he land no assignment, grant, mortgage or lice made to other by the undersigned.				
		ASSIGNOR		
Dated: 11th August, 199 8	By Joshuy	rv Kotooka uki Shimumuki to Kumogawa	Toshiro KOTOOKA	ANUKI
The undersigned declares ndividual execute this Assignment of his o				ned
	By Je Name	tsuji Mori Tetsuji MORIT	tas TA	
	Address B	ussan Building B	ekkan, No. 1-15,	
	Ni <u>shi-Shimba</u>	shi 1-chome, Min	ato-ku, Tokyo, Ja	ıpan
ABELMAN, FRAYNE & SCHWAB				

PATENT
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