FORM PTO: 1595 R (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)	10-30-1		U.S. DEPARTMENT OF COMMERC Patent and Trademark Offic	
To the Honorable Commissioner of Pate	100863	586 iched ori	ginal documents or copy thereof.	
1. Name of conveying party(ies):		2. Name and address of re-	ceiving party(ies):	
Yoshinobu Hiraishi		Name: <u>Komatsu Electro</u>	onic Metals Co., Ltd.	
		Internal Address:	<u> </u>	
Additional name(s) of conveying party(ies) attached? 3. Nature of conveyance:	Yes ₩ No		1211 09/	
Assignment Merge	er	Street Address: 2612.S	hinomiya, Hiratsuka-shi, Kanagawa Japan	
	ge of Name			
☐ Other		City: State: ZIP:		
Execution Date: <u>October 13, 1998</u>		Additional name(s) & add	dress(es) attached? 🗌 Yes 🗹 No	
4. Application number(s) or patent number(s	»: 09/171172			
If this document is being filed together w		the execution date of the a	application is: October 21, 1998	
A. Patent Application No.(s)		B. Patent No.(s)		
	I			
	ditional numbers attac	ched? L Yes ⊻ No		
5. Name and address of party to whom corr				
concerning document should be mailed:	respondence	6. Total number of applicat	ions and patents involved: 1	
concerning document should be mailed:	respondence	6. Total number of applicat	ions and patents involved: 1	
Name: <u>Gerald T. Shekleton, Esq.</u>				
		7. Total Fee (37 CFR 3.41)		
Name: <u>Gerald T. Shekleton, Esq.</u>			ions and patents involved: 1	
Name: <u>Gerald T. Shekleton, Esq.</u>		7. Total Fee (37 CFR 3.41)		
Name: <u>Gerald T. Shekleton, Esq.</u> Internal Address:		7. Total Fee (37 CFR 3.41)	arged to deposit account	
Name: <u>Gerald T. Shekleton, Esq.</u> Internal Address:	aza / 22nd Floor	7. Total Fee (37 CFR 3.41) ☑ Enclosed ☑ Authorized to be cha	arged to deposit account	
Name: <u>Gerald T. Shekleton, Esq.</u> Internal Address:		 7. Total Fee (37 CFR 3.41) Enclosed Authorized to be chas 8. Deposit account number 	arged to deposit account	
Name: <u>Gerald T. Shekleton, Esq.</u> Internal Address:	aza / 22nd Floor	 7. Total Fee (37 CFR 3.41) Enclosed Authorized to be cha 8. Deposit account number (Attach duplicate copy of the copy	arged to deposit account	
Name: <u>Gerald T. Shekleton, Esq.</u> Internal Address:	aza / 22nd Floor P: <u>60603-3913</u>	 7. Total Fee (37 CFR 3.41) Enclosed Authorized to be cha 8. Deposit account number (Attach duplicate copy of the copy	arged to deposit account	
Name: <u>Gerald T. Shekleton, Esq.</u> Internal Address:	aza / 22nd Floor P: 60603-3913 DO NOT USE T	 7. Total Fee (37 CFR 3.41) Enclosed Authorized to be chased 8. Deposit account number (Attach duplicate copy of the c	arged to deposit account : is page if paying by deposit account)	
Name: Gerald T. Shekleton, Esq. Internal Address: Internal Address: 26/1998 PALLEN 27 State: 28 Statement and signature.	aza / 22nd Floor P: 60603-3913 DO NOT USE T	 7. Total Fee (37 CFR 3.41) Enclosed Authorized to be chased 8. Deposit account number (Attach duplicate copy of the c	arged to deposit account : is page if paying by deposit account)	
Name: <u>Gerald T. Shekleton, Esq.</u> Internal Address:	aza / 22nd Floor P: 60603-3913 DO NOT USE T	 7. Total Fee (37 CFR 3.41) Enclosed Authorized to be cha 8. Deposit account number (Attach duplicate copy of the copy	arged to deposit account : is page if paying by deposit account)	

Assistant Commissioner for Patents Box Assignments Washington, D.C. 20231

> PATENT REEL: 9541 FRAME: 0159

ASSIGNMENT

WHEREAS I/W	e, the b	elow named inv	ento	r(s), [hereinaft	er referre	d to as	A	ssignor(s)], have made a	n invention entitled:
MECHANISM	FOR	CLAMPING	Α	CRYSTAL	BODY	ΙN	А	CRYSTAL-BODY	LIFTING

			(Inde)	of Invention)		
DEVICE				-		
for which I/We execu	ted an applicat	tion for United S	States Lette	rs Patent concurren	tly herewith or filed an application for	
United States Letters Patent on		,19	(Serial No);	and	
WHEREAS,	<u>Komatsu</u>	Electronic	Metals	Co., Ltd.		
			(Full Na	me of Assignee)		
a corporation of	Japan					
				of Incorporation)		-
whose post office add	ressis <u>2612</u>	, Shinomiya,	Hiratsu	<u>ka-shi, Kanaga</u>	wa, Japan	

(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 caths 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	ASSIGNORS SIGNATURE		DATE
Yoshinobu Hiraishi	Joshinohu Hi	raishi	October 13,1998
ADDRESS c/o Komatsu Electronic I	Metals Co., Ltd.,	OTTZENSHIP	
<u>2612</u> , Shinomiya, Hiratsuka-sh	ni, Kanagawa, Japan	Japanese	
2 FULL NAME OF SECOND ASSIGNOR, IF ANY	ASSIGNORS SIGNATURE		DATE
ADDRESS	L	CITIZENSHIP	L
3 FULL NAME OF THIIRD ASSIGNOR, IF ANY	ASSIGNORS SIGNATURE	L	DATE
ADDRESS	• • • • • • • • • • • • • • • • • • •	CITIZENSHIP	
4. FULL NAME OF FOURTH ASSIGNOR, IF ANY	ASSIGNORS SIGNATURE		DATE
ADDRESS		CITIZENSHIP	
5. FULL NAME OF FIFTH ASSIGNOR, IF ANY	ASSIGNORS SIGNATURE		DATE
ADDRESS		CITZENSHIP	
6. FULL NAME OF SIXTH ASSIGNOR, IF ANY	ASSIGNORS SIGNATURE		DATE
ADDRESS		CITIZENSHIP	

PATENT REEL: 9541 FRAME: 0160

RECORDED: 10/21/1998