Form PTO-1595

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Attorney Docket No.: 81839.0105 To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): SHIN-ETSU HANDOTAI CO., LTD. Masanori KIMURA 4-2, Marunouchi 1-chome, Additional name(s) of conveying party(ies) attached?

Yes

No Chiyoda-ku, Tokyo, Japan Nature of conveyance: Execution Date: August 28, 2001 Additional name(s) & address(es) attached? ☐ Yes ☒ No 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: August 28, 2001 B. Patent No.(s) A. Patent Application No.(s) 1003066) Additional numbers attached?

Yes ⊠ No 6. Total number of applications and patents involved: [1] Name and address of party to whom correspondence concerning document should be mailed: Michael Crapenhoft, Esq. Total fee (37 CFR 3.41) \$40.00 HOGAN & HARTSON L.L.P. 500 South Grand Avenue, Suite 1900 Enclosed Authorized to be charged to deposit account Los Angeles, CA 90071 Deposit account number: 50-1314 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE Statement and signature. To the pest of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document. October 18, 2001 OMBANO. 0651-0011 (exp Mail documents to be recorded with required cover sheet information to: **Assistant Commissioner for Patents Box Assignments**

Washington, D.C. 20231

PATENT REEL: 012519 FRAME: 0945

Attorney Docket No.

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(7-8)	Insert Name(s) of Inventor(s)	(1)	Masanori Kim	ura	(5)			
	•	(2)			(B)			
		(3)			(7)	·		
		(4)			(8)			
			In consideration of the considerations paid assign, and hereby dispersions.	to each of the L	indersigned, th	e undersigned		
(9)	Insert name of Assignee	( <del>9</del> )	Shin-Etsu Har	ndotai Co.	, Ltd.			
(10)	Insert state of Incorporation of Assignee	(10)	Japan					•
(11)	Insert addrass of Assignee	(11)	of 4-2, Marund (hereinafter designate interest in the invention	ed as the Assign				Japa
(12)	İnsert identification of Invention, such as Title, Case Number or Foreign Application Number	(12)	,Internations for which the undersign United States of Ame corresponding thereto	gned has (have) prica and all pate	oxocuted an ap nt applications	plication for pa	itent in the	
(13)	Insert Date of Signing of	(13)	On				•	

- 1) The undersigned agree(s) to execute all papers necessary in connection with any original, release, divisional and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in avery way possible in obtaining evidence and going forward with such interference.
- 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the international Convention for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed any agreement in conflict herewith.
- 8) The undersigned hereby appoints STUART LUBITZ, Reg. No. 20,680; LOUIS A. MOK, Reg. No. 22,585; JOHN P. SCHERLACHER, Reg. No. 23,009; ALFRED A. D'ANDREA, JR., Reg. No. 27,752; WILLIAM J. KUBIDA, Reg.No. 29,684; STUART T. LANGLEY, Reg. No. 33,840; MICHAEL BYORICK, Reg. No. 34,131; CAROL W. BURTON, Reg. No. 35,465; STEVEN C. PETERSON, Reg. No. 36,236; WILLIAM H. WRIGHT, Reg. No. 36,312; STEVEN K. BARTON, Reg. No. 36,445; STEFAN KIRCHANSKI, Reg. No. 36,568; DAVID LUBITZ, Reg. No. 38,229; WEI-NING YANG, Rey. No. 38,690; SARAH S. O'ROURKE, Reg. No. 41,226; E. MATTHEW G. DYOR, Reg. No. 42,278; LAWRENCE J. McCLURF, Reg. No. 44,228; WEI-FU HSU, Reg. No. 45,723 the power to insert on this assignment any further identification which may be necessary or dosirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document,

Date: (hugust 25, 200/	Signature of Inventor 1 <u>Grasomori Kimura</u>	
Date:	Signature of Inventor 2	,
Date:	Signature of Inventor 3	
Date:	Signature of Inventor 4	
Date:	Signature of inventor 5	
Date:	Signature of Inventor 6	

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RECORDED: 10/16/2001

PATENT

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