FORM PTO-1595 A D 59.40 EET U.S. Department of Commerce Patent and Trademark Office Attorney Docket No. 01165.0872 Attorney Customer Number: 22,852 ATTN. BOX ASSIGNMENTS To the Honorable Commissioner 102234804 Please record the attached origin ntin Rec'd Pui Name and address of receiving party(ies): Name of conveying party(ies). 1. 1) Toshirou NAGAOKA 2) Hideaki ISHII ASAHI KASEI KABUSHIKI KAISHA Name: Internal Address: Additional name(s) of conveying party(es) attached Street Address: 2-6. Dojimahama 1-chome, Kita-ku, Nature of conveyance: 3. Osaka-shi, Osaka 530-8205, JAPAN \boxtimes City: Assignment Merger Zip Code: Change of Name State: Security Agreement Other: Additional name(s) & Address(es) attached? **Execution Date:** June 28, 2002 \boxtimes ☐ Yes Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of 4. the application: June 28, 2002 5. B. Patent Number(s): Patent Application Number(s): A. ⊠ No ☐ Yes Additional numbers attached? Total number of applications and registrations 7. Name and address of party to whom correspondence 6. involved: concerning document should be mailed: 8. Total fee (37 CFR 3.41): \$40 Mr. Ernest F. Chapman Name: Enclosed (Please charge deficiency to deposit \boxtimes account) Authorized to be charged to deposit account FINNEGAN, HENDERSON, FARABOW, GARRETT Internal Address: & DUNNER, L.L.P. Street Address: 1300 I Street, N.W. City: Washington, D.C. Deposit Account No.: 06-0916 9. 20005-3315 State: Zip: Statement and signature. 10. 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. July 23, 2002 Ernest F. Chapman Date Signature Registration No. 25,961 Total number of pages including cover sheet, attachments and documents: 2

> PATENT REEL: 013325 FRAME: 0286

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

(Insert	ASAHI KASEI KABUSHI	IKI KAISHA		
ASSIGNEE's Name(s) Address(es))	2-6, Dojimahama 1-0	chome, Kita-ku, Osaka-sl	ni, Osaka 530-8205, Japan	
(Title of Invention)		nd exclusive right, title and interest to t	e undersigned ASSIGNOR hereby sells, assigns he invention entitled	and
	relating to International Patent Appl of the United States was executed or	ication PCT/JP 01 / 03009 a even date herewith or, if not so execut	and/or for which application for Letters P	atent
(Insert date	(a) executed on	; (
of execution of application, if not concurrent)	(b) filed on/	data, when known.	reby authorized to insert in (b) the specified	
	Patent(s) may be granted and include Patent(s)"). The ASSIGNOR agree(s). ASSIGNEE, to do all acts which the enforcing protection for said inventions said Letters Patent(s), in any interfer proceeding which may arise or be desincluding separate assignments and opproducing evidence.	when requested by said ASSIGNEE and ASSIGNEE may deem necessary, desired in the preparation and processor, reciscue, reexamination, or public clared in relation to same, such acts to	the full term or terms for which the said Letters hereinafter, "said application(s) and Letters and without charge to but at the expense of said able or expedient, for securing, maintaining ansecution of said application(s) and the issuance use proceeding, and in any litigation or other le include but not be limited to executing all paper oviding sworn testimony, and obtaining and a special paper of the said application of the said application or other leading to the said application or other leading to the said application of the said application of the said application of the said Letters and the said Letters and the said Letters and the said application of said application of said application of said application of said application and the said Letters and Lett	d of egal
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(Signatures)	1) FUE 4/ E/S (SIGNATURE)	Toshirou Nagaoka	June 28, 2002 (DATE)	
	2) To # 7 PA	Hideaki Ishii	June 28, 2002	
	(5/2/10/14)	(111217)	(3.13)	
	3)(SIGNATURE)	(TYPE NAME)	(DATE)	
	4)(SIGNATURE)	(TYPE NAME)	(DATE)	
	5) (SIGNATURE)	(TYPE NAME)	(DATE)	
	6)(SIGNATURE)	(TYPE NAME)	(DATE)	
	7)(SIGNATURE)	(TYPE NAME)	(DATE)	

(TYPE NAME)

PATENT REEL: 013325 FRAME: 0287

(DATE)

RECORDED: 07/23/2002

(SIGNATURE)