10/14/03

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102584201

Docket No.: 60,027 (70551)

HEET

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Patent Application No. Filing date	B. Patent No.(s)					
0/22/2003 EHAILE1 00000049 10686472						
2 FC:8021 40.00 OP						
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10/686 47Z Additional numbers						
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5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:					
Name: George W. Hartnell, III	7. Total fee (37 CFR 3.41):\$ 40.00					
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Address: EDWARDS & ANGELL, LLP	Enclosed - Any excess or insufficiency should be credited or debited to deposit account					
P.O. Box 9169	☐ Authorized to be charged to deposit account					
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To the best of my knowledge and belief, the foregoing information of the original document.	ntion is true and correct and any attached copy is a true copy					
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ATTORNEY DOCKET NO. 60,027 (70551)

ASSIGNMENT

•		Application No		<u> </u>			Filed	
Insert Name(s)	=	WHEREAS,_	Tsuneo	FUJIWAR	A	·		
of Inventor(s)								
		,						
		<u></u>						
			· · · · · · · · · · · · · · · · · · ·					
		(hereinafter designate	ed as the unde	ersigned) has	(have) invented	certain new ar	nd useful impro	vements in
Insert Title of Invention	_	APPARATUS	AND METI	HOD OF (CORRECTIN	G OFFSE	Γ	
			· ·					
		for which an applicat (except in the case of a			United States of	f America has	been executed	by the undersigned
Insert Date								
of Signing of Application	=	on	Se	ptember	24, 2003			; and
Insert Name	→	WHEREAS,_	Shai	rp Kabush	iki Kaisha			
of Assignee								
								
Insert Address			<u></u>					
of Assignee	=	of 22-22, No	agaike-cho	o, Abeno-	ku, Osaka-	shi, Osak	a, Japan	·
							· · · · · · · · · · · · · · · · · · ·	
		its heirs, successors, acquiring the entire						
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terms for which the same may be granted.

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which may be granted therefor in the United States of America, its territories, dependencies and possessions,

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or

and if the box above is designated, in any and all foreign countries;

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The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion 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, conversion or reissue thereof or Letters 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) the request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional, conversion 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) to Dike, Bronstein, Roberts & Cushman LLP, Intellectual Property Group of EDWARDS & ANGELL LLP, P.O. Box 9169, Boston, Massachusetts 02209, U.S.A., 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 September 24, 2003	Name of Inventor Trunco Fujiwara Tsuneo FUJIWARA
	Name of Inventor
Date,	Name of Inventor
Date,	Name of Inventor
Date,	Name of Inventor
Date ,	Name of Inventor
Date,	Name of Inventor
Date ,	Name of Inventor
Date ,	Name of Inventor

RECORDED: 10/14/2003

PATENT REEL: 014617 FRAME: 0412