PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Yasutomo NAKAHARA	08/25/2009
Kiyoshi SUZUKI	08/25/2009

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12530965

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ATTORNEY DOCKET NUMBER: 5090-0116PUS1

NAME OF SUBMITTER: Charles Gorenstein

Total Attachments: 2

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> **PATENT** REEL: 023243 FRAME: 0727

ATTORNEY DOCKET NO.

BIRCH, STEWART, KOLASCH & BIRCH, LLP

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UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

Applica	tion No	. 12/530 , 965	Filed 09/11/09
Insert Name(s) of Inventor(s)		***(Given Name FAMILY N	
or threnton(s)		WHEREAS, NAKAHARA Yasutomo ar	ıd SUZUKI Kiyoshi
		,	
	(herei	nafter designated as the undersigned) has (have)	invented certain new and useful improvements in
Insert Title of Invention		LE INFORMATION TERMINAL AND CI	•
v, v			
	for wl	hich an application for Letters Patent of the U	Juited States of America has been executed by the undersigned
Insert Date	(excep	ot in the case of a provisional application).	
of Signing of Application	on _	August 25, 2009	; and
Insert Name of Assignee	WHI	EREAS, Sharp Kabushiki Kaisha	
	_		
Insert Address			
of Assignee	of <u>2</u>	2-22, Nagaike-cho, abeno-ku, Osaka-shi, O	saka 545-8522 JAPAN
	-		
СНЕСК ВОХ	the en therefo	rs, successors, legal representatives and assigns tire right, title and interest in and to said inve or in the United States of America and any foreign countries.	(hereinafter designated as the Assignee) is desirous of acquiring antion and in and to any Letters Patent(s) that may be granted
IF APPROPRIATI		, THEREFORE, in consideration of the sum of	Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt
·	of wh assigne right to right, t	ich is hereby acknowledged, and other good ed and transferred, and by these presents does so the said invention in the United States of Am title and interest in and to any and all Letters in ca, its territories, dependencies and possession	and valuable consideration, the undersigned has (have) sold, ell, assign and transfer unto said Assignee the full and exclusive erica, its territories, dependencies and possessions and the entire Patent(s) which may be granted therefor in the United States of is, and if the box above is designated, in any and all foreign
		any and all divisions, reissues, continuations, the same may be granted.	conversions and extensions thereof for the full term or terms for

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ATTORNEY DOCKET NO.

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 Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignce 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) and request(s) the Patent and Trademark Office Officials in the United States of America and in any forcign 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) the law firm of Birch, Stewart, Kolasch & Birch, LLP 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	August 25, 2009 August 25, 2009	,	Name of Inventor	Jasutomo hakahara (signature)
Date	August 25, 2007	3,	Name of Inventor	Kiyoshi Suyuki
Date		,	Name of Inventor	(signature)
Date		,	Name of Inventor	(signature)
Date		5	Name of Inventor	(signature)
Date		,	Name of Inventor	(signature)
Page 2	of 3			(signature)

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November 2005

RECORDED: 09/17/2009