## PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

**SUBMISSION TYPE: NEW ASSIGNMENT** 

NATURE OF CONVEYANCE: **ASSIGNMENT** 

#### **CONVEYING PARTY DATA**

Name	Execution Date
Hideaki Sakamoto	11/24/2009
Masashi Furuno	11/24/2009

## **RECEIVING PARTY DATA**

Name:	Panasonic Corporation
Street Address:	1006, Oaza Kadoma
City:	Kadoma-shi, Osaka
State/Country:	JAPAN
Postal Code:	571-8501

#### PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	29350967	

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: 9353/963 (D5517-01)

NAME OF SUBMITTER: Tadashi Horie

Total Attachments: 1

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**PATENT** 

REEL: 023575 FRAME: 0143

			Assignment Form 3.0 (Oct. 2008)
Panasonic Ref*: D5517-01		Application Se	rial No. Not yet assigned
Japan Firm Name:		Japan Firm Re	ef:
US Firm Name*: Brinks Hofer Gilson	<u>&amp; Lion</u> e	US Firm Ref:	9353/963
	ASSIG	VMENT	
WHEREAS, the undersigned has (have) invented t	he invention entitled:		
Box 1 Title of Invention:			
		IE HANDSET	
		J.S. patent application (check on	
(a)  for which an application for U.S. patent	has been executed	by the undersigned conc	urrently herewith, or
(b)☐ for which an application for U.S. patent (if Declaration & Assignment are signed on the same day, check (a) and	has been executed make no entry in the blank; if it	on the following date(s):_ ne Declaration was signed before this Assi	, Or gament, enter the date(s) on which you signed the Declaration)
(c)☐ for which an International Application ha  (for the PCT-US national entry, check only (c) and enter PCT applicat	is been filed as:	PCT Application No.	and,
		n after filing U.S. patent applicati	
(d)□ for which an application for U.S. patent	has been filed on:	Application Filing Date	and,
WHEREAS, Panasonic Corporation of 100 its/their heirs, successors, legal representatives an			
be legally bound hereby, the undersigned, by these title and interest in and to; (i) said invention in the tast the United States) and in all countries foreign to disclosing said invention, including provisionals, thereof in the United States and all countries foreign priority created by this patent application under any reissues and reexamination certificates which may United States and in all countries foreign to the United States and in all countries foreign to the United States and in all countries foreign to the United States and in all countries foreign to the United States and in all countries foreign to the United States and in all countries foreign to the United States and property or similar agriconcerning this application or any and all Related and producing evidence and proceeding with such title and interest in and to said invention, this application and interest in and to said invention, this application as the Assignee(s) may dee The undersigned agree(s) to perform all affir patent(s) to the Assignee(s) and to vest all rights in the undersigned if this Assignment had not been in The undersigned hereby authorize(s) and result is sue patents, to issue any and all Letters Patent(s) and hereby covenants that the undersigned has (have) not executed, and will not execute, any assignatorney(s) executed by the undersigned in connect The undersigned hereby grant(s) the Assignee(s) afurther identification which may be necessary or document.  The undersigned hereby agree(s) that the atthe united States.  IN WITNESS WHEREOF, executed by the undersigned hereby agree(s) that the atthe united States.	United States of America the United States; are non-provisionals, control to the United States; are reaty relating therefore the granted therefore the States for the full-ters necessary in connict may be necessary applications thereof a interference, and for a cation and any and all ereof, for the benefit of mnecessary or expectation and any and all ereof, for the benefit of mnecessary or expectation and the sade. The state of the sade of the sad	ca, its territories, dependencial (ii) this patent application and (iii) this patent application and inversions, divisions, continu (hereinafter designated as "Fo; and (iii) any and all Letters; and all rights to sue for pasterm or terms thereof, ection with this application at a connection with claims on necessary in connection with and to cooperate with the Assany and all litigations regardiff. Related Applications or Lettof Assignee(s), and also to edient, and the cooperate with the Assignee(s) as fully and ensioner of Patents, and official application or any and all Related Application or and all Related application or any and all Related application or any and all Related policiation or any and all Related application or any and all Related and for appointing a new patent attorneys and agents comply with the rules of the apply to the undersigned bottomstrued in accordance with the patent and contains a contains	es and possessions (hereinatter designated and any and all related patent application(s) justions, continuations-in-part and reissues Related Applications"), along with all rights of Patent(s), including all ronewals, extensions at and future infringement thereunder, in the and any and all Related Applications thereof, in provisions of the International Convention hany interference which may be declared signee(s) in every way possible in obtaining ag, or for the purpose of protecting the right, ers Patent(s) therefore, and to testify in any xecute separate assignments in connection trant of a valid United States and any foreign tirely as the same would have been held by alls of all foreign countries, whose duty is to sted Applications thereof to said Assignee(s) in assigned, and that the undersigned has flict herewith.  exclusive authority for revoking power of power of attorney in place thereof.  Is the power to insert on this assignment any et u.S. Patent Office for recordation of this hindividually and collectively.
(1) Hideaki Sakamoto	Hideaki .	Sakamato	Month, Date, Year  Nov., 24., 2009  Month, Date, Year
(2) Masashi Furuno	Masashi	Sakamato Furuno	Nov. 24. 2009
1			WOHM, Date, real

 $\Box$ Check if additional paper(s) is/are attached. Total of  $\underline{\phantom{a}}$  pages are submitted.

(3)

(4)

**RECORDED: 11/25/2009** 

**PATENT REEL: 023575 FRAME: 0144** 

Month, Date, Year