## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date	
Chikanori Miyawaki	11/29/2005	
Mikiya Ueda	11/29/2005	
Yoshiaki Akutagawa	11/29/2005	

### **RECEIVING PARTY DATA**

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### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10559103

#### **CORRESPONDENCE DATA**

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Total Attachments: 1

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PATENT REEL: 018908 FRAME: 0949

# **ASSIGNMENT**

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Applicant Reference No.	P37846-01			Application Serial	No. 0/559	<u>/03</u>	_
Additional Reference. No	4366			PCT Application N			
US Attorney Docket No.				U.S. Patent No			
WHEREAS, the undersigned CASE	ed, has (have) invented the inve FOR CARD-TYPE PORT	ention entitle ABLE IN	ed: FORMATION PROCESSING	DEVICE			_
□(b) executed by the underwith, or □(e) issued on WHEREAS, Mat legal representatives and invention and in and to any NOW, THEREFC be legally bound hereby, the interest in and to;  (i) said invention in and in all countrifuctories in any and all Letter and all rights to signification or any and evidence and proceeding wand to said invention, this at the undersigned patent(s) to the Assignee aundersigned if this Assignment in the undersigned issue patents, to issue any hereby covenants that the executed, and will not executed by the undersigned executed by the undersigned any further identification which document.  The undersigned the undersigned the United States.	dersigned on the date of; a sushita Electric Industrial Co; assigns (hereinafter designater Letters Patent(s) that may be on the Core. Letters Patent(s) that may be on the Core. Letters Patent(s) that may be on the United States; of the United States; or good and valuable content of the United States; or cation and any and all related sions, continuations, continuations, continuations at Related Application and any and all renewater for past and future infringent at thereof. If agree(s) to execute all papers and perform any act which materity or similar agreements, all all Related Applications thereof, and for a polication and any and all Related, for the benefit of Assignessary or expedient. Agree(s) to perform all affirmation and to vest all rights hereby or cant had not been made. Thereby authorize(s) and requirant all Letters Patent(s) result undersigned has (have) full rigute, any assignment, sale, agreed in connection with this application may be necessary or desiral hereby agree(s) that the above hereby agree(s) that the above hereby agree(s) that this Assignee as the content had not been sell, assign and the paper agree(s) that the above hereby agree(s) that the above hereby agree(s) that this Assignee	nd Ltd. of 1006 d as "Assignanted ther nsideration, nts, does sel its territories and d patent app ons-in-part i ications"), a wals, extens nent thereur necessary i y be necess papers nec of and to cony y and all life ted Applicati e, and also tive acts whi onveyed to est(s) the Co ing from sai ht to convey ement or er ransfer unto ation and fo and the appr ble in order e obligations gnment shal	een (1) (a) executed by the undersign (1) (c) filed on the date of (1) (d) filed on the date of (1) (e) filed on the date of (1) (e) filed on the date of (1) (e) (e) (e) (e) (e) (e) (e) (e) (e) (e	and, and, as 571-8501, JAPA ntire right, title, and are hereby acknown one the entire and ereinafter designate and all countries and all countries foreign to the transposition of the Intererence which may any possible in ce of protecting the individuality in any less and of a valid United so the same would so fall foreign countries foreign countries foreign to the individuality in any less and to a valid United so the same would so fall foreign countries foreign countries the power to in a States Patent Officindividually and coline law of the appropri	□ (d) filed concil N, its heirs, succidinterest in and vieldged and interexclusive right, the das the United conals, non-provisities foreign to the dication under any and be granted the he United States and Applications to the declared conciditation and proceeding and proceeding ruch applications. I States and any have been held intries, whose during power of attorisert on this assigner signed has (have sert on this assigner for recordation dectively, priate jurisdiction directively.	essors to said anded to sitle and States) Sionals, United y treaty erefore, for the hereof, tion for cerning ducing erest in relating as the type is to be and ye) not mey(s) inment of this	
(1) Name of the Inventor	Chikanori Miyawaki	Signature	Chikanori Miyawan	<u>دَ</u> Date_	November	29,	2005
(2) Name of the Inventor	Mikiya Ueda	_ Signature	Chihanni Miyawan Mikiya Vede	Date_	November	29,	2005
			Yoshiaki Akutagai				
(4) Name of the Inventor		Signature		Date_			
(The execution of this Assig	nment by the Inventor(s) should	d preferably	be witnessed by at least two witness	ses who sign here.)			
WitnessFakan	re Chuma	2 <sup>nd</sup> Witnes	s akthur Rohin	mull Date_	November	29,	2005
□Check if additional paper(	s) is/are attached. Total of	pages are	submitted.				

**RECORDED: 02/20/2007** 

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