RECC

01/26/2011



Docket No.: 085820-0024 103616969		
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below		
1. Name of Conveying Party(ies)	2. Name and address of receiving party(ies)	
Hideyuki TANIMOTO, Takuya KONNAI, Kouji SAGAWA	Name HITACHI KOKI CO., LTD.	
	Internal Address	
Additional name(s) of conveying party(ies) attached <sup>7</sup> ☐ Yes ☒ No		
3. Nature of Conveyance/Execution Date(s)	Address 15-1, Kounan 2-chome, Minato-ku, Tokyo 108-	
	6020, Japan	
Execution Date(s) December 17, 2010; December 13, 2010		
and December 17, 2010 respectively		
Assignment Merger		
Security Agreement Change of Name		
Joint Research Agreement		
Government Interest Assignment		
Executive Order 9424, Confirmatory License		
4. Application or patent number(s):	This document is being filed together with a new application	
A Patent Application No.	B Patent No(s).	
12/941,590 filed on November 8, 2010		
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents	
Name MCDERMOTT WILL & EMERY LLP	involved: 1	
Internal Address	7. Total fee (37 CFR 1.21(h) & 3 41) \$40.00  Authorized to be charged by credit card	
internal Address	- FEO.UK	
Street Address 600 13th Street, N W	Authorized to be charged to deposit account  Enclosed	
Street Address 600 15th Street, 14 W		
City Washington, State DC Zip 20005-3096	None required (government interest not affecting title)	
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D C	8. Payment Information:	
Phone Number 202.756 8000	o. Tayment intormation.	
Fax Number 202 756 8087	a Credit Card Last 4 Numbers	
Email Address	Expiration Date	
	b Deposit Alternoon in 1500417	
	Athorize Sale Ref a ### 3 0000000 3 500417 12941590 1 FC: 8021 46.00 DA	
	TOO DO DH	
9. Signature.  January 21, 2011		
Michael E. Fogarty 36,139		
Name and Registration No of Person Signing  Total number of pages including cover sheet, attachments and documents.  Signature  Total number of pages including cover sheet, attachments and documents.		
Total number of pages prefuding cover sheet, attachment and		

**PATENT REEL: 025749 FRAME: 0193**  Docket No.: 085820-0024

## **ASSIGNMENT**

(b) for which an application for United States Letters Patent was executed on,

and the undersigned hereby authorize and request the United States Commissioner for Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

> **PATENT** REEL: 025749 FRAME: 0194

SIGNED on the dates indicated aside our signatures:

	INVENTORS	DATE SIGNED
1)	Hideyuki Yanımoto- Name: Hideyuki TANIMOTO	Becombox 17, 2010
	Name: Hideyuki TANIMOTO	
2)	• / /	December 13, 2016
	Name: Takuya KONNAI	100000000000000000000000000000000000000
3)	Kariji Kariji Sayawa	December 17, 2010
	Name: Kouii SAGAWA	

PATENT REEL: 025749 FRAME: 0195

**RECORDED: 01/21/2011**