

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Takao ARADACHI	12/27/2010
Kazuhiko FUNABASHI	12/27/2010
RECEIVING PARTY DATA	
Name:	HITACHI KOKI CO., LTD.
Street Address:	15-1, Kounan 2-chome, Minato-ku,
City:	Tokyo
State/Country:	JAPAN
Postal Code:	108-6020
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13058284
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	085820-0028
NAME OF SUBMITTER:	Michael E. Fogarty
Total Attachments: 3 source=0858200028assigntransmittal#page1.tif source=0858200028assignment#page1.tif source=0858200028assignment#page2.tif	

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PATENT
REEL: 025777 FRAME: 0419

Docket No.: 085820-0028

PATENTS ONLY

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)

Takao ARADACHI, Kazuhiko FUNABASHI

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance/Execution Date(s)

Execution Date(s): **December 27, 2010**

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License

2. Name and address of receiving party(ies)

Name: **HITACHI KOKI CO., LTD.**

Internal Address:

Address: **15-1, Kounan 2-chome, Minato-ku, Tokyo 108-6020, Japan**

4. Application or patent number(s):

A. Patent Application No(s).

- ☒ This document is being filed together with a new application.

5. Name and address to whom correspondence concerning document should be mailed:

Name: MCDERMOTT WILL & EMERY LLP

Internal Address:

Street Address: 600 13th Street, N.W.

City: Washington, State: DC Zip: 20005-3096
D.C.

Phone Number: 202.756.8000

Fax Number: 202.756.8087

Email Address:

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41)	\$40.00
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- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information:

- a. Credit Card Last 4 Numbers _____
Expiration Date _____
- b. Deposit Account Number 500417
Authorized User Name _____

9. Signature.

Brian K. Seidleck 51,321

Name and Registration No. of Person Signing

Signature

Date _____

Total number of pages including cover sheet, attachments and documents: 3

February 9, 2011

Docket No.:

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) <u>Takao ARADACHI</u>	(4) _____
(2) <u>Kazuhiko FUNABASHI</u>	(5) _____
(3) _____	(6) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto

HITACHI KOKI CO., LTD.

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

CHARGING APPARATUS AND CHARGE CONTROL METHOD

(a) for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____; or

(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.

SIGNED on the dates indicated aside our signatures:

INVENTORS

DATE SIGNED

1) Takao Aradachi
Name: Takao ARADACHI

2010/12/27

2) Kazuhiko Funabashi
Name: Kazuhiko FUNABASHI

2010/12/27