

FORM PTO-1619A (Rev. 6-99)		REC 08-07-2001	Washington, D.C. 20231 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
To the Honorable Commissioner of I		101801902	ment or copy thereof.
1. Submission Type ☒ New ☐ Resubmission (Non-Recordation) Document ID # _____ ☐ Correction of PTO Error Reel # _____ Frame # _____ ☐ Corrective Document Reel # _____ Frame # _____		Name of Conveying Party(ies): MURAMOTO, Mitsuru SASAKI, Kanemi AOYAGI, Yuji Additional Name(s) of conveying party(s) attached? ☐ Yes ☒ No	
3. Name and Address of Receiving Party(ies): Name: <u>HITACHI KOKUSAI ELECTRIC INC.</u> Street Address: <u>14-20, 3-Chome, Higashi-Nakano</u> <u>Nakano-ku</u> City: <u>Tokyo</u> State/Country: <u>JAPAN</u> Zip: <u>164-8511</u> Additional name(s) & address(es) ☐ Yes ☒ No		4. Nature of conveyance: ☒ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other: _____ Execution Date(s): <u>03 28 2001 -and- 04 04 2001</u>	
5. Application number(s) or patent number(s): If this document is being filed together with a new application, ☒ the first execution date of the application is : <u>03 28 2001</u> ☒ The filing date of the application is : <u>07 30 2001</u> A. Patent Application No.(s) <u>06/01/2001 NROCHA1 00000035 09813916</u> B. Patent No.(s) <u>09813916</u>			
6. Name and address of party to whom correspondence concerning this matter should be mailed: CUSTOMER NUMBER 00136 or JACOBSON HOLMAN PLLC 400 Seventh Street, N.W. Washington, DC 20004 Tel. 202-638-6666 Attorney Docket No. <u>P66515US0</u>		7. Number of applications and patents involved: <u>1</u> 8. Total fee (37 CFR 3.41) \$ <u>40.00</u> ☒ Enclosed ☒ Any deficiencies in enclosed fees are authorized to be charged to deposit account <u>06-1358</u>	
DO NOT USE THIS SPACE			
10. Statement and Signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. <u>John C. Holman / 22,769</u> <u>July 30, 2001</u> Name of Person Signing/ Reg. # Signature Date Total number of pages excluding cover sheet: <u>-1-</u>			

UNITED STATES OF AMERICA - ASSIGNMENT

- (1-5) Insert Name(s) of Inventors
- (1) Mitsuru MURAMOTO
- (2) Kanemi SASAKI
- (3) Yuji AOYAGI
- (4) _____ and
- (5) _____
- In consideration of the sum of one dollar (\$1.00), and other good and valuable considerations paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assigns, transfers and sets over to
- (6) Insert Name of Assignee (6) Hitachi Kokusai Electric Inc.
- (7) Insert Address of Assignee (7) of 14-20, 3-chome, Higashi-Nakano, Nakano-ku, Tokyo 164-8511, Japan
- (8) Insert Legal Entity and State or Country (e.g., a corporation or citizen of Japan) (8) a corporation of Japan
(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention known as
- (9) Insert Identification of Invention, such as Title, Case Number or Foreign Application Number (9) P.APPLN. 2000-080054 (Japan).
P.APPLN. 2000-331771 (Japan).
for which the undersigned has (have) executed an application for patent in the United States of America
- (10) Insert Date of signing of Application, or filing date and Serial No., if known (10) Said application having been ~~executed~~/filed on Mar. 22, 2000 (and assigned Serial No. 09/813,916)

1) The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuing or divisional applications thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Union for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States resulting from this application or any continuing or divisional applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) 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.

6) Assignor hereby further assigns to Assignee all claims and causes of action for infringement of the patent rights assigned herein, including the right to sue for, and collect damages for, any and all acts of past and future infringement.

7) The undersigned hereby grant(s) the law firm of Jacobson, Price, Holman & Stern, PLLC, 400 Seventh Street, N.W., Washington, D.C. 20004, 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 United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	March 28, 2001	Name of Inventor	Mitsuru MURAMOTO	<i>Mitsuru Muramoto</i> (SEAL)
			typed name	signature
Date	April 4, 2001	Name of Inventor	Kanemi SASAKI	<i>Kanemi Sasaki</i> (SEAL)
			typed name	signature
Date	April 4, 2001	Name of Inventor	Yuji AOYAGI	<i>Yuji Aoyagi</i> (SEAL)
			typed name	signature
Date		Name of Inventor		(SEAL)
			typed name	signature
Date		Name of Inventor		(SEAL)
			typed name	signature

This assignment should preferably be signed before a United States Consul if signed abroad, or a Notary Public if domestically signed. If not, then the execution by the inventor(s) should be witnessed by at least two witnesses who sign here:

☐ Additional inventor's names and signatures on a separate sheet.

Witness

Witness

Nobuhisa Furutani

Emiko Nukui

LAW OFFICES OF

JACOBSON, PRICE, HOLMAN & STERN

PROFESSIONAL LIMITED LIABILITY COMPANY

THE JENIFER BUILDING

400 SEVENTH STREET, N.W.

WASHINGTON, D.C. 20004

JPH&S 7/98

PATENT

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