

10181188		EET	Patent and Trademark Office Attorney Docket No.: NGBC117814			
To the Commissioner for Patents: Please record the attached original documents or copy thereof.						
1. Submission Type New Resubmission (Non-Recordation) Document ID# Correction of PTO Error: Reel, Frame	2. Conveya Assiguitation Licer Merg	gnment	Security Agreement Change of Name Other:			
3. Names of conveying parties: Execution Date: Hideki Kasahara June 28, 2001 Masumi Katsumoto June 28, 2001 Masaharu Miyahisa Yoshihiro Boki Additional name(s) of conveying party(ies) attached? Additional number(s): A. Patent Application No(s). No Additional numbers attached? 4. Name and address of receiving party: Name: Matsushita Electric Industrial Co., Ltd. Address: 1006, Oaza Kadoma, Kadoma-shi Osaka 571-8501 JAPAN Additional name(s) & address(es) attached? Yes No Additional name(s) & address(es) attached? Yes No Additional numbers attached? Yes No Additional numbers attached? Yes No						
If this document is being filed together with a new patent application, enter the date the patent application was signed by the first named executing inventor:						
6. Name and address of party to whom correspondence concerning document should be mailed: Jeffrey M. Sakoi, Esq. Customer No. 26389 CHRISTENSEN O'CONNOR JOHNSON KINDNESSPILC 1420 Fifth Avenue, Suite 2800 Seattle, WA 98101-2347 206.682.8100	8. Total fee Enclosed 9. The No. 03-1 10. The Dire 37 C.F.R	e (37 C.F.R. 3 I Check No. 1 fee is author 740. (A dupl ector is heret 2. § 3.41 whi	cations and/or patents involved: 1 .41):\$40.00 .30650 includes the recordation fee. ized to be charged to Deposit Account licate copy of this page is enclosed.) by authorized to charge any fees under inch may be required by this paper, or int, to Deposit Account No. 03-1740.			
DO NOT USE THIS SPACE						

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

9. Statement and signature:

original document.

Name of Attorney or Agent Registration No. 32,059

Direct Dial 206.695.1713

Jeffrey M. Sakoi

Total number of pages including cover sheet, attachments, and document: 2

JMS:hg

NGBC\17814151.DOC

08/06/2001 STEUMEL1 00000063 29145954 40.00 GP 02 FC:581

> **PATENT REEL: 012060 FRAME: 0903**

Assianment

of Whereas, I/We, Hideki Kasahara, Masumi Katsumoto, Masaharu Miyahisa and Yoshihiro Boki

No.508-1, Nishikoiso, Oisomachi, Naka-gun, Kanagawa, Japan,

No.4-47-202, Akamatsu-cho, Chigasaki-shi, Kanagawa, Japan,

No.4-5-18, Kugenumashinmei, Fujisawa-shi, Kanagawa, Japan and

No.5061-14, Oba, Fujisawa-shi, Kanagawa, Japan

hereinafter called assignor(s), have invented certain improvements in

Batterv

and executed an application for Letters Patent of the United States of America therefor on June 28, 2001 ; and

Whereas. MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., of 1006, Oaza Kadoma, Kadoma-shi, OSAKA 571-8501, JAPAN

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged.

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

Date:	June 2001	28,	s/	Hideki Kasahara
Date:	June 2001	28,	s/	Masumi Katsumoto Masumi Katsumoto
Date:	Juen 2001	28,	s/	Masaharu Miyahisa Masaharu Miyahisa
Date:	June 2001	28,	s/	yoshihiro Boki
Date:			s/	

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

1/90

PATENT REEL: 012060 FRAME: 0904