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Assignment Security Agreement

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Name (line 1)	Execution Date		
	Month	Day	Year
Hiroshi IMAI	06	10	99
Name (line 2)			

Second Party

Name (line 1)	Execution Date		
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Yoshitaka AOKI	06	10	99
Name (line 2)			

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If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 1) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

Name (line 2) _____

Address (line 1) 1006, Oaza Kadoma

Address (line 2) Kadoma-shi

Address (line 3) Osaka JAPAN 571-8501

City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name Michael K. Kelly, Reg. No. 32,848

Address (line 1) SNELL & WILMER

Address (line 2) One Arizona Center

Address (line 3) 400 East Van Buren Street

Address (line 4) Phoenix, Arizona 85004-0001

06/30/1999 8DU06 00000025 09286703

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

<input type="text" value="09/286,703"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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If this document is being filed together with a new Patent Application, enter the date the patent application was

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

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PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

Number of Properties

Enter the total number of properties involved. #

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed Deposit Account

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the

Deposit Account Number: #

Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.

Michael K. Kelly, Reg. No. 32,848

By: M. Kelly 38,631

June 25, 1999

Name of Person Signing

Signature

Date

ASSIGNMENT

WHEREAS, The ASSIGNOR, comprising the following named inventor(s):

1. Hiroshi IMAI; 137-305, Makino-cho,
Toyohashi-shi, Aichi-ken 441-8112 Japan
2. Yoshitaka AOKI; 390-1-505, Kanaike, Iwade-cho,
Naga-gun, Wakayama-ken 649-6256 Japan

has invented and owns a certain invention entitled:

METHOD FOR CHARGING A LEAD-ACID BATTERY

for which application for Letters Patent of the United States was filed on April 6, 1999, and assigned Serial No. 09/286,703 and

Whereas, the ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
1006, Oaza Kadoma, Kadoma-shi,
Osaka 571-8501 Japan

is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum corresponding to One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United

States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment sale agreement charge or other encumbrance has been or will be entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seal

this 10th day of June, 1999.

1. Hiroshi Imai
(Hiroshi IMAI)

2. Yoshitaka Aoki
(Yoshitaka AOKI)