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103267458  
**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)**

Hiroshi NOSE  
Hirokazù GENNO  
Keiko WATANABE

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

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 01/23/2006, 01/23/2006, 01/30/2006

- Assignment  Merger
- Security Agreement  Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: Sanyo Electric Co., Ltd.

Internal Address: \_\_\_\_\_

Street Address: 5-5, Keihan-Hondori 2-Chome

City: Moriguchi-shi

State: Osaka

Country: Japan Zip: 570-8677

Additional name(s) & address(es) attached?  Yes  No

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

11/307,957

Additional numbers attached?  Yes  No

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

Name: NDQ&M Watchstone LLP

Internal Address: \_\_\_\_\_

Street Address: 1300 Eye Street, N.W.,

400 East Tower

City: Washington

State: DC Zip: 20005

Phone Number: (202) 659-0100

Fax Number: (202) 659-0105

Email Address: \_\_\_\_\_

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- 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 1048  
Expiration Date 04/09

b. Deposit Account Number \_\_\_\_\_

Authorized User Name 06/28/2006 SZEWDIE1 00000085 11307957  
08 FC:8021 40.00 OP

**9. Signature:**

Marvin Mosenbocker  
Signature

June 27, 2006

Date

Marvin A. Mosenbocker  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

**Additional Assignee for Assignment of Patent Application No. 11/307,957**

Name: Non-profit Organization JUKUNEN TAIKU DAIGAKU RESEARCH CENTER

Street Address: 3-1-1, Asahi

City: Matsumoto-shi

State: Nagano-ken

Country: Japan Zip: 390-8621

**ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

*Name and address of assignee:*

SANYO ELECTRIC CO., LTD. of 5-5, Keihan-Hondori 2-chome, Moriguchi-shi,  
Osaka 570-8677 Japan  
Non-profit Organization JUKUNEN TAIIKU DAIGAKU RESEARCH CENTER of  
3-1-1, Asahi, Matsumoto-shi, Nagano-ken 390-8621 Japan

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

*Title of invention:*

ENDURANCE CALCULATION DEVICE, ENDURANCE CALCULATION  
METHOD, AND PROGRAM

as set forth in this United States Patent Application

*check one*

- executed concurrently herewith
- executed on \_\_\_\_\_
- Serial No. \_\_\_\_\_ Filed \_\_\_\_\_

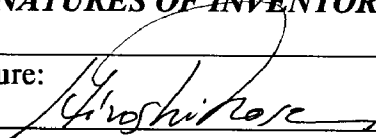
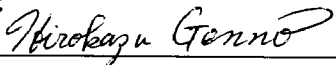

in and to said United States Patent Application including any and all divisions or continuations there of and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent on may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument and conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or a signs or to assist said ASSIGNEE, its successors, legal representatives or a signs in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of NDQ&M WATCHSTONE LLP the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the United States Patent and Trademark office for recordation of this Assignment.

<i>NAMES AND SIGNATURES OF INVENTORS</i>		
Name: Hiroshi NOSE	Signature: 	Date: 29/01/2006
Name: Hirokazu GENNO	Signature: 	Date: 23/01/2006
Name: Keiko WATANABE	Signature: 	Date: 23/01/2006
Name:	Signature:	Date:
<i>NAMES AND SIGNATURES OF WITNESSES (Optional)</i>		
Name:	Signature:	Date:
Name:	Signature:	Date:

Note: *Prima facie* evidence of execution optionally may be obtained by execution of this document before a United States Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a United States Consul.