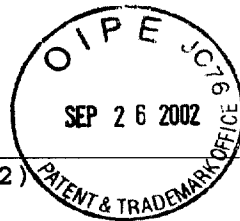


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NIP-183



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9-26-02

To the Honorable Commissioner of Patents and Trademarks:  
Please record the attached original document or copy thereof.

1. Name of Party(ies) conveying an interest:  
1) Hiroaki SUZUKI  
2) Osamu YOKOMIZO  
3) Tetsuo HORIUCHI  
4) Naoyuki YAMADA  
5) Mamoru MORITA
2. Name and Address of Party(ies) receiving an interest:  
HITACHI, LTD.  
6, Kanda Surugadai 4-chome  
Chiyoda-ku, Tokyo, JAPAN
3. Description of the interest conveyed: Assignment
4. Application number(s) or patent number(s).  
Additional sheet attached? \_\_\_ Yes XXX No  
If this document is being filed together with a new application,  
the execution date of the application is: \_\_\_\_\_  
DATE
- A. Patent Application No.(s)  
09/584,320
- B. Patent No.(s)
5. Name and address of party to whom correspondence concerning document should be mailed:  
John R. Mattingly  
Mattingly, Stanger & Malur, P.C.  
1800 Diagonal Road, Suite 370  
Alexandria, Virginia 22314
6. Number of applications and patents involved: One
7. Amount of fee enclosed or authorized to be charged: \$40.00
8. The Commissioner is hereby authorized to charge Deposit Account No. 50-1417 if no check is attached.

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09/27/2002 GWORDOF2 00000056 09584320

02 FC:581

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9. Execution date of attached document:  
1) November 2, 2000  
2) October 27, 2000  
3) November 2, 2000  
4) October 30, 2000  
5) November 6, 2000
10. To the best of my knowledge and belief, I declare under penalty of perjury under the laws of the United States of America that the foregoing information is true and correct and that any attached copy is a true copy of the original document.

Gene W. Stockman  
Name of Person Signing

*Gene W. Stockman*  
Signature

September 26, 2002  
Date

Total number of pages being submitted: 1

PATENT  
REEL: 013331 FRAME: 0927

**ASSIGNMENT**  
( 譲 渡 証 )

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me or us citizen(s) of Japan by HITACHI, LTD., a corporation organized under the laws of Japan, located at 6, KandaSurugadai 4-chome, Chiyodaku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

**ENERGY SUPPLY SYSTEM AND OPERATION METHOD THEREOF**

invented by me or us and described in the application for United States Letters Patent thereof Serial No. 09/584,320 filed May 31, 2000, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD.

Signed on the date(s) indicated aside signatures:

INVENTOR(S)  
(発明者フルネームサイン)

Date Signed  
(署名日)

1) <u>Hiroaki SUZUKI</u>	<u>Hiroaki Suzuki</u>	<u>Nov. 2, 2000</u>
2) <u>Osamu YOKOMIZO</u>	<u>Osamu Yokomizo</u>	<u>Oct. 27, 2000</u>
3) <u>Tetsuo HORIUCHI</u>	<u>Tetsuo Horinchi</u>	<u>Nov. 2, 2000</u>
4) <u>Naoyuki YAMADA</u>	<u>Naoyuki Yamada</u>	<u>Oct. 30, 2000</u>
5) <u>Mamoru MORITA</u>	<u>Mamoru Morita</u>	<u>Nov. 6, 2000</u>
6) _____	_____	_____
7) _____	_____	_____
8) _____	_____	_____
9) _____	_____	_____
10) _____	_____	_____