

06-12-2001



101747933

COVER SHEET U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Assistant Commissioner: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

HITACHI, LTD.

6-1-01

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

3. Nature of conveyance:

- ☒ Assignment of **50% interest** ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: 14 & 24 May 2001

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

Name: **NEW ENERGY AND INDUSTRIAL  
TECHNOLOGY DEVELOPMENT  
ORGANIZATION**

Internal Address:

Street Address: **1-1, Higashiikebukuro-3-chome  
Toshima-ku, Tokyo, JAPAN**

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

4. Application number(s) or patent number(s);

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)  
5,862,286

Additional numbers attached: ☐ Yes ☒ No

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

John C. Altmiller  
Kenyon & Kenyon  
1500 K Street, N.W.  
Washington, DC 20005

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$40.00

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number:

11-0600

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. 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.*

John C. Altmiller  
Name of Person Signing

Signature

1 June 2001  
Date

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

## **ASSIGNMENT**

WHEREAS, HITACHI, LTD., organized and existing under and by virtue of the laws of Japan, having an office at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, (hereinafter "ASSIGNOR") is the sole owner of all rights, title and interest in U.S. Patent No. 5,862,286 issued 19 January 1999; and

WHEREAS, NEW ENERGY AND INDUSTRIAL TECHNOLOGY DEVELOPMENT ORGANIZATION, a Japanese company, having an office at 1-1, Higashiikebukuro-3-chome, Toshima-ku, Tokyo, Japan, is desirous of acquiring 50% of ASSIGNOR's interest in U.S. Patent No. 5,862,286;

NOW, THEREFORE, in consideration of the equivalent sum of U.S. \$1.00 and other good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, ASSIGNOR has assigned and transferred, and by this instrument does assign and transfer unto NEW ENERGY AND INDUSTRIAL TECHNOLOGY DEVELOPMENT ORGANIZATION, its successors or assigns, 50% of ASSIGNOR's interest in the rights and title in U.S. Patent No. 5,862,286, and in the invention or inventions therein described and claimed, and any and all re-issues, extensions, renewals, divisions and continuations thereof, to the full term or terms for which the Letters Patent may be issued.

IN TESTIMONY WHEREOF, ASSIGNOR has executed this assignment  
this 14th day of May, 2001.

HITACHI, LTD.



**Name:** Yasuo SAKUTA, Patent Attorney  
**Title:** Executive Managing Director,  
Intellectual Property Group  
(Authorized Signing Officer)

WITNESSED BY:



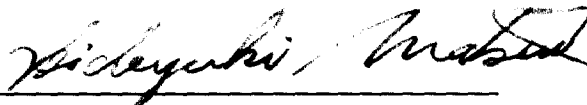
**Name** Takahito KARASAWA

\_\_\_\_\_  
**Address**

NEW ENERGY AND INDUSTRIAL TECHNOLOGY DEVELOPMENT  
ORGANIZATION (the ASSIGNEE) hereby accepts an undivided 50% co-  
ownership with ASSIGNOR in U.S. Patent No. 5,862,286.

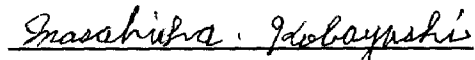
IN TESTIMONY WHEREOF, ASSIGNEE has executed this assignment  
this 24th day of May, 2001.

NEW ENERGY AND INDUSTRIAL  
TECHNOLOGY DEVELOPMENT ORGANIZATION



Name: Hideyuki MATSUI  
Title: Chairman

WITNESSED BY:



Name Masachika KOBAYASHI

\_\_\_\_\_

\_\_\_\_\_

Address

352395