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10-30-2001

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**Conveyance type:**  Assignment  Security Agreement  
 License  Change of name  
 Merger  Other \_\_\_\_\_

<b>Conveying Party(ies):</b>		Execution Date (MMDDYYYY)
First party	Name: Toshiyuki NAGOSHI	08/30/2001
Second party	Name: Tsutomu ICHIMURA	08/30/2001
Third party	Name:	
Fourth party	Name:	
Fifth party	Name:	

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

**Receiving Party (ies):**  
First party Name: JAPAN SCIENCE AND TECHNOLOGY CORPORATION  
Address: 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama, Japan  
  
Second party Name:  
Address:

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

**Domestic Representative Name and Address** (Enter for the first Receiving Party only)

ARMSTRONG, WESTERMAN, HATTORI, McLELAND & NAUGHTON, LLP  
1725 K Street, N.W., Suite 1000  
Washington, D.C. 20006

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01 FC:581 40.00 BP

**Correspondent Name and Address**

Telephone: 202-659-2930

ARMSTRONG, WESTERMAN, HATTORI, McLELAND & NAUGHTON, LLP  
1725 K Street, N.W., Suite 1000  
Washington, D.C. 20006

**Pages** Enter the total number of pages of the attached conveyance document: 2  
(including any attachments, but not counting cover sheets)

**Application Number(s) or Patent Number(s)** Additional numbers attached? Yes  No   
A. Patent Application No.(s) B. Patent No.(s)  
5,495,334  
(Do not recite both application and patent numbers.)

If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: \_\_\_\_\_

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if

a U.S. Application Number has not been assigned

PCT \_\_\_\_\_  
PCT \_\_\_\_\_  
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**Number of Properties** Enter the total number of properties involved: 1

**Fee Amount** Fee Amount for Properties Listed (37 CFR 3.41). . . . . \$40.00

Enclosed

Authorized to be charged to Deposit Account No.: 01-2340

**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.

William L. Brooks  
Name of Person Signing

William L. Brooks  
Signature

October 25, 2001  
Date

34,129  
Registration No.

File 02/26/88 US  
(A3P20K91-U)

## U.S. ASSIGNMENT

WHEREAS, Toshiyuki NAGOSHI (hereinafter referred to as NAGOSHI), a Japanese individual, of 23-21, Kasumi-cho, Yagiyama, Taihaku-ku, Sendai-shi, Miyagi, Japan, and Tsutomu ICHIMURA (hereinafter referred to as ICHIMURA), a Japanese individual, of Dai 2 Green Haitsu-Zuiho 301, 1-1-20, Mukaiyama, Taihaku-ku, Sendai-shi, Miyagi, Japan, and **RESEARCH DEVELOPMENT CORPORATION OF JAPAN**, a corporation duly organized under the laws of Japan, having an office and place of business at 2-5-2, Nagata-cho, Chiyoda-ku, Tokyo, Japan, jointly own the entire right, title and interest in the invention described and claimed in United States Letters Patent No. 5,495,334, and any Letters Patent of the United States obtained from any continuation, divisional, renewal, substitute or reissue of said Letters Patent No. 5,495,334 for the full term or terms for which the same may be granted, by virtue of a deed of assignment recorded in the U.S. Patent and Trademark Office at Reel 4250, Frame 944;

WHEREAS, the name of **RESEARCH DEVELOPMENT CORPORATION OF JAPAN**. was changed to **JAPAN SCIENCE AND TECHNOLOGY CORPORATION**, a corporation duly organized under the laws of Japan, which retains and maintains an office and a place of business at the above recited address, 1-8, Honcho 4-chome , Kawaguchi-shi, Saitama, Japan;

WHEREAS, NAGOSHI and ICHIMURA, hereinafter ASSIGNOR in this Assignment, wishes to assign and transfer its entire undivided joint interest in said invention and said United States Letters Patent No. 5,495,334 to **JAPAN SCIENCE AND TECHNOLOGY CORPORATION**, hereinafter ASSIGNEE in this Assignment, and said ASSIGNEE wishes to acquire ASSIGNOR's entire undivided joint interest in said invention and said United States Letters Patent No. 5,495,334;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR

hereby sells, assigns and transfers to ASSIGNEE its entire undivided joint interest in said invention and said Letters Patent No. 4,615,932, and any Letters Patent of the United States obtained from any continuation, divisional, renewal, substitute or reissue of said Letters Patent No. 5,495,334 for the full term or terms for which the same may be granted.

IN WITNESS WHEREOF, have hereunto set hand and seal  
this 30th day of August, 2001.

Assignor: **Toshiyuki NAGOSHI**

By: *Toshiyuki Nagoshi*

IN WITNESS WHEREOF, have hereunto set hand and seal  
this 30th day of August, 2001.

Assignor: **Tsutomu ICHIMURA**

By: *Tsutomu Ichimura*