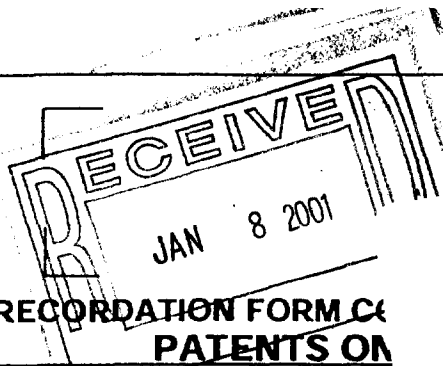


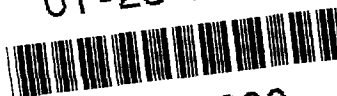
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Name (line 1) ICHIRO TAKAHASHI  
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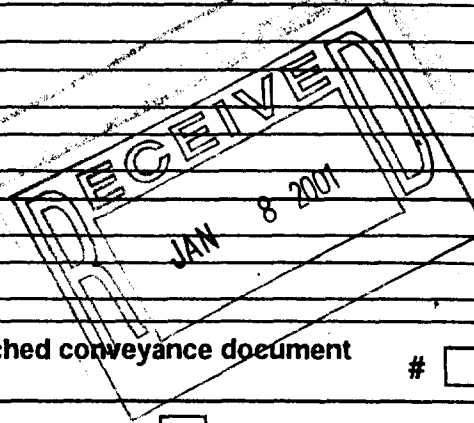
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**Patent Application Number(s)**

09/280,024

**Patent Number(s)**

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

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**Patent Cooperation Treaty (PCT)**

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

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Date 1/8/01

For: ☐ U.S. and/or ☐ Foreign Rights  
For: ☒ U.S. Application or  
☐ U.S. Provisional Application  
For: ☐ U.S. Patent  
For: ☐ PCT Application  
By: ☐ Inventor(s) or ☐ Present Owner

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNOR:**

Inventor(s) or person(s) or  
entity(ies) who own the  
invention

JAPAN PROCESS ENGINEERING, LTD.  
(type or print name(s) of ASSIGNOR(S))

7-10 HAKUSHIMA 2-CHOME  
Address

MINOOSHI, OSAKA, JAPAN

JAPAN  
Nationality

(if assignment is by person or entity to whom invention was previously assigned  
and this was recorded in PTO, add the following)

Recorded on MARCH 26, 1999 Reel 9869  
Frame 0562

hereby sells, assigns and transfers to

**ASSIGNEE:**

ICHIRO TAKAHASHI  
(type or print name(s) of ASSIGNEE(S))

16-12 ZAIMOKUZA 2-CHOME  
Address

KAMAKURA-SHI, KANAGAWA-KEN, JAPAN

JAPAN  
Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

☒ the entire right, title and interest

☐ an undivided \_\_\_\_\_ percent (\_\_\_\_\_% ) interest

for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

☐ and in all foreign countries, including all rights to claim priority,

in and to any and all improvements which are disclosed in the invention entitled:

Name of inventor(s) ICHIRO TAKAHASHI

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in

(a) ☐ U.S. patent application executed on even date herewith

(b) ☐ U.S. patent application executed on \_\_\_\_\_

(c) ☐ U.S. provisional application naming the above inventor(s) for the above-entitled invention.

☐ Express mail label no.: \_\_\_\_\_

Mailed: \_\_\_\_\_

☐ To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.

(d) ☒ U.S. application no. 09 / 280,024

filed on 03/26/99

(e) ☐ International application no. PCT/ \_\_\_\_\_ / \_\_\_\_\_

(f) ☐ U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_

☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

(g) ☐ and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

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

(Assignment of Invention [18-3]—page 2 of 3)

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

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this \_\_\_\_\_ day  
of \_\_\_\_\_  
Date of signing

**WARNING:** The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Date: December 18, 2000

T. Tulehush  
Signature of ASSIGNOR(S)

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

*(if ASSIGNOR is a legal entity, complete the following information)*

Ichiro TAKAHASHI

*(type or print the name of the above person  
authorized to sign on behalf of ASSIGNOR)*

President

Title

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☐ Notarization or Legalization Page Added.

(Assignment of Invention [16-3]—page 3 of 3)