

05-08-2002



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To the Honorable Commissioner of Patents and Trademarks, U.S. Patent and Trademark Office, Washington, D.C. 20503-1000
102081878
Record the attached original documents or copy thereof.1. Name of conveying party(ies): 2-19-02Jun Akedo, Tomokadsu Ito, Tatsuro
Yokoyama, Katsuhiko Mori, Hironori
Hatono, Masakatsu Kiyohara, Yuji AsoAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: 03 December 2001

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

Name: TOTO LTD.

Internal Address: _____

Street Address: 1-1, Nakashima 2-chome,Kokura-kita-ku, Kita-kyushu-shi,City: Fukuoka, Japan State: _____ ZIP: _____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: 03 December 2001

A. Patent Application No.(s)

10,070,104

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: CARRIER, BLACKMAN & ASSOCIATES, P.C.

Internal Address: _____

Street Address: _____

24101 NOVI ROAD #100City: NOVI State: MI ZIP: 483756. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number: _____

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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.

Joseph P. Carrier, Reg. No. 31,748

Name of Person Signing

Signature

Date

19 Feb 2002

Page 1 of 2

Total number of pages comprising cover sheet:

2

PATENT

REEL: 012858 FRAME: 0910

ASSIGNMENT

In consideration of value received,
Jun AKEDO of Ibaraki, Japan

hereinafter referred to as "Assignor", sell and assign to

NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY
a corporation of Ibaraki, Japan, having a place of business at

3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo, Japan Additional name and address
, respectively, its successors, assigns or nominees, hereinafter referred to as "Assignee", the entire attached
right, title and interest in and to an invention entitled:

COMPOSITE STRUCTURE AND METHOD AND APPARATUS FOR FORMING THE SAME

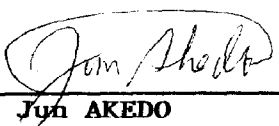
invented by the Assignor and as described in the following:

specification attached hereto

and in and to all applications for patent for said invention in all countries, and all divisions, reissues, continuations and extensions of any of said applications, and all rights of priority resulting from the filing of any of said applications; and Assignor authorizes and requests any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and Assignor agrees that on request and without further consideration, but at the expense of said Assignee, Assignor will communicate to said Assignee or its representatives any facts known to Assignor respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce a proper patent protection for said invention in all countries.

Subscribed and executed at Japan

Dec. 3, 2001
Date


Assignor Jun AKEDO

Date

Assignor

Date

Assignor

Date

Assignor

Date

Assignor

Note: After recording in the Patent and Trademark Office, please return this Assignment to: Carrier, Blackman & Associates, P.C., 24101 Novi Road, Suite 100, Novi, Michigan, 48375.

Attachment to assignment

Name: TOTO LTD.

Address: 1-1, Nakashima 2-chome, Kokura-kita-ku, Kita-kyushu-shi, Fukuoka, Japan

ASSIGNMENT

In consideration of value received,

Tomokadsu ITO, Tatsuro YOKOYAMA, Katsuhiko MORI, Hironori HATONO,
Masakatsu KIYOHARA and Yuji ASO of Fukuoka, Japan

hereinafter referred to as "Assignor", sell and assign to

TOTO LTD.

a corporation of Fukuoka, Japan, having a place of business at

1-1, Nakashima 2-chome, Kokura-kita-ku, Kita-kyushu-shi, Fukuoka, Japan

Additional name and address attached
, respectively, its successors, assigns or nominees, hereinafter referred to as "Assignee", the entire
right, title and interest in and to an invention entitled:

COMPOSITE STRUCTURE AND METHOD AND APPARATUS FOR FORMING THE SAME

invented by the Assignor and as described in the following:

specification attached hereto

and in and to all applications for patent for said invention in all countries, and all divisions,
reissues, continuations and extensions of any of said applications, and all rights of priority resulting
from the filing of any of said applications; and Assignor authorizes and requests any official whose
duty is to issue patents, to issue any patent on said invention or resulting therefrom to said
Assignee, and Assignor agrees that on request and without further consideration, but at the
expense of said Assignee, Assignor will communicate to said Assignee or its representatives any
facts known to Assignor respecting said invention and testify in any legal proceeding, sign all
lawful papers, execute all divisional, continuing or other applications, make all rightful oaths and
declarations, and generally do everything possible to aid said Assignee to obtain and enforce a
proper patent protection for said invention in all countries.

Subscribed and executed at Japan

<u>Dec. 3, 2001</u>	<u>Tomokazu Ito</u>
Date	Assignor Tomokadsu ITO
<u>Dec. 3, 2001</u>	<u>Tatsuro Yokoyama</u>
Date	Assignor Tatsuro YOKOYAMA
<u>Dec. 3, 2001</u>	<u>Katsuhiko Mori</u>
Date	Assignor Katsuhiko MORI
<u>Dec. 3, 2001</u>	<u>Hironori Hatono</u>
Date	Assignor Hironori HATONO
<u>Dec. 3, 2001</u>	<u>Masakatsu Kiyohara</u>
Date	Assignor Masakatsu KIYOHARA
<u>Dec. 3, 2001</u>	<u>Yuji Aso</u>
Date	Assignor Yuji ASO

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Attachment to assignment

Name: NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND
TECHNOLOGY

Address: 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo, Japan