

06-05-2002



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ATTN. BOX ASSIGNMENTS

To the Honorable Commissioner of I
Please record the attached original c

1. Name of conveying party(ies):
- 1) Tomio TAKEUCHI
 - 2) Kazuo UMEZAWA
 - 3) Sakino TO-E
 - 4) Naoki MATSUMOTO
 - 5) Tsutomu SAWA

- 6) Takeo YOSHIOKA
- 7) Naoki AGATA
- 8) Shin-ichi HIRANO
- 9) Kunio ISSHIKI

2. Name and address of receiving party(ies):
- Name: 1) MERICAN COORPATION

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

Internal Address:

3. Nature of conveyance:

Assignment Merger

Security Agreement Change of Name

Other:

Street Address: 1) 5-8, Kyoubashi 1-chome, Chuo-ku, Tokyo 104-8305 Japan

City:

State: Zip Code:

Additional name(s) & Address(es) attached?

- Execution Date:
- 1) February 7, 2002
 - 2) February 15, 2002
 - 3) February 21, 2002
 - 4) January 2, 2002
 - 5) February 9, 2002
 - 6) January 25, 2002
 - 7) January 30, 2002
 - 8) January 28, 2002
 - 9) January 28, 2002

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:

A. Patent Application Number(s):

10/049,158

B. Patent Number(s):

Additional numbers attached? Yes No

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

Name: Mr. Ernest F. Chapman

06/04/2002 BTOM11 00000073 10049158

01 FC:581

40.00 OP

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Street Address: 1300 I Street, N.W.

City: Washington, D.C.

State: Zip: 20005-3315

6. Total number of applications and registrations involved: 1

7. Total fee (37 CFR 3.41): \$40

Enclosed (Please charge deficiency to deposit account)

Authorized to be charged to deposit account

8. Deposit Account No.: 06-0916

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.

David W. Hill
Reg. No. 28,220

Signature ERNEST F. CHAPMAN

May 30, 2002
Date

Total number of pages including cover sheet, attachments and documents: 6

NAMES AND ADDRESS OF ADDITIONAL RECEIVING PARTY:

- 2) **ZAIDAN HOJIN BISEIBUTSU KAGAKU KENKYU KAI**
14-23, Kamiosaki 3-chome, Shinagawa-ku, Tokyo 141-0021 Japan

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

for which I/WE executed an application for United States Letters Patent concurrently herewith or on _____ or filed an application for United States Letters Patent on _____ (Serial No. _____); and

WHEREAS, MERCIAN CORPORATION,
a corporation of JAPAN, whose post office address is
5-8, Kyoubashi 1-chome, Chuo-ku, TOKYO 104-8305 JAPAN,
and Zaidan Hojin Biseibutsu Kagaku Kenkyu Kai,
a corporation of JAPAN, whose post office address is
14-23, Kamiosaki 3-chome, Shinagawa-ku, TOKYO 141-0021 JAPAN,
(hereinafter collectively referred to as Assignee), are desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 10/049,158, filed February 8, 2002) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

1. Full Name of Sole or First Assignor : Assignor's Signature Tomio TAKEUCHI	: <i>Tomio Takeuchi</i>	: Date : 7 Feb. 2002
Address Room 701, New Fuji Mansion, 1-11, Higashi-Gotanda 5-chome, Shinagawa-ku, TOKYO 141-0022 JAPAN		: Citizenship : JAPAN
2. Full Name of Second Assignor : Assignor's Signature Kazuo UMEZAWA	: <i>Kazuo Umezawa</i>	: Date : 15 Feb 2002
Address 1-2-505, Hiroo 3-chome, Shibuya-ku, TOKYO 150-0012 JAPAN		: Citizenship : JAPAN
3. Full Name of Third Assignor : Assignor's Signature Sakino TO-E	: <i>Sakino To-e</i>	: Date : 21 Feb 2002
Address 638-1, Chibaderacho, Chuo-ku, Chiba-shi, Chiba 260-0844 JAPAN		: Citizenship : JAPAN
4. Full Name of Fourth Assignor : Assignor's Signature Naoki MATSUMOTO	:	: Date :
Address 11-3-102, Sachigaoka, Asahi-ku, Yokohama-shi, KANAGAWA 241-0822 JAPAN		: Citizenship : JAPAN
5. Full Name of Fifth Assignor : Assignor's Signature Tsutomu SAWA	: <i>Tsutomu Sawa</i>	: Date : 9 Feb. 2002
Address 6-7, Ryosei 4-chome, Ayase-shi, KANAGAWA 252-1126 JAPAN		: Citizenship : JAPAN
6. Full Name of Sixth Assignor : Assignor's Signature Takeo YOSHIOKA	: <i>Takeo Yoshioka</i>	: Date : 25 Jan, 2002
Address 1782-10, Yoshioka, Ayase-shi, KANAGAWA 252-1124 JAPAN		: Citizenship : JAPAN
7. Full Name of Seventh Assignor : Assignor's Signature Naoki AGATA	:	: Date :
Address 8-22-401, Katase-kaigan 1-chome, Fujisawa-shi, KANAGAWA 251-0035 JAPAN		: Citizenship : JAPAN
8. Full Name of Eighth Assignor : Assignor's Signature Shin-ichi HIRANO	: <i>Shin-ichi Hirano</i>	: Date : 28. Jan. 2002
Address 8-1-207, Honson 5-chome, Chigasaki-shi, KANAGAWA 253-0042 JAPAN		: Citizenship : JAPAN
9. Full Name of Ninth Assignor : Assignor's Signature Kunio ISSHIKI	: <i>Kunio Isshiki</i>	: Date : 28. Jan. 2002
Address 2-17, Minami-Kurihara 2-chome, Zama-shi, KANAGAWA 228-0015 JAPAN		: Citizenship : JAPAN
10. Full Name of Tenth Assignor : Assignor's Signature	:	: Date :
Address		: citizenship :
11. Full Name of Eleventh Assignor : Assignor's Signature	:	: Date :
Address		: Citizenship :
12. Full Name of Twelfth Assignor : Assignor's signature	:	: Date :
Address		: citizenship :

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

1. Full Name of Sole or First Assignor : Assignor's Signature Tomio TAKEUCHI	:	Date
Address Room 701, New Fuji Mansion, 1-11, Higashi-Gotanda 5-chome, Shinagawa-ku, TOKYO 141-0022 JAPAN	:	Citizenship JAPAN
2. Full Name of Second Assignor : Assignor's Signature Kazuo UMEZAWA	:	Date
Address 1-2-505, Hiroo 3-chome, Shibuya-ku, TOKYO 150-0012 JAPAN	:	Citizenship JAPAN
3. Full Name of Third Assignor : Assignor's Signature Sakino TO-E	:	Date
Address 638-1, Chibaderacho, Chuo-ku, Chiba-shi, Chiba 260-0844 JAPAN	:	Citizenship JAPAN
4. Full Name of Fourth Assignor : Assignor's Signature Naoki MATSUMOTO	:	Date
Address 11-3-102, Sachigaoka, Asahi-ku, Yokohama-shi, KANAGAWA 241-0822 JAPAN	:	Citizenship JAPAN
5. Full Name of Fifth Assignor : Assignor's Signature Tsutomu SAWA	:	Date
Address 6-7, Ryosei 4-chome, Ayase-shi, KANAGAWA 252-1126 JAPAN	:	Citizenship JAPAN
6. Full Name of Sixth Assignor : Assignor's Signature Takeo YOSHIOKA	:	Date
Address 1782-10, Yoshioka, Ayase-shi, KANAGAWA 252-1124 JAPAN	:	Citizenship JAPAN
7. Full Name of Seventh Assignor : Assignor's Signature Naoki AGATA	:	Date 1/30/2002
Address 8-22-401, Katase-kaigan 1-chome, Fujisawa-shi, KANAGAWA 251-0035 JAPAN	:	Citizenship JAPAN
8. Full Name of Eighth Assignor : Assignor's Signature Shin-ichi HIRANO	:	Date
Address 8-1-207, Honson 5-chome, Chigasaki-shi, KANAGAWA 253-0042 JAPAN	:	Citizenship JAPAN
9. Full Name of Ninth Assignor : Assignor's Signature Kunio ISSHIKI	:	Date
Address 2-17, Minami-Kurihara 2-chome, Zama-shi, KANAGAWA 228-0015 JAPAN	:	Citizenship JAPAN
10. Full Name of Tenth Assignor : Assignor's Signature	:	Date
Address	:	Citizenship
11. Full Name of Eleventh Assignor : Assignor's Signature	:	Date
Address	:	Citizenship
12. Full Name of Twelfth Assignor : Assignor's Signature	:	Date
Address	:	Citizenship

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Address	:	Citizenship
11. Full Name of Eleventh Assignor : Assignor's Signature	:	Date
Address	:	Citizenship
12. Full Name of Twelfth Assignor : Assignor's Signature	:	Date
Address	:	Citizenship

PATENT

RECORDED: 05/30/2002

REEL: 012942 FRAME: 0269