

12-29-2005

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

To the Honorable Director of Patents and

documents or copy thereof.

1. Name of Conveying party(ies):

Satoshi ABE
Isao FUWA
Yoshikazu HIGASHI
Hirohiko TOGEYAMA
Norio YOSHIDA
Masataka TAKENAMI
Takashi SHIMIZU
Shushi UENAGAAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other
Execution Date: Oct. 24, 19, 19, 19, 19, 25 and 19, 2005

103146055

2. Name and address of receiving party(ies)

Name: Matsushita Electric Works, Ltd.Internal
Address:

Street

Address: 1048, Oaza-Kadoma, Kadoma-shi,Osaka 571-8686 Japan

City: _____ State: _____ ZIP: _____

Additional names(s) and 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)

10/546,455

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☒ No

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

Name: Bruce H. BernsteinInternal Address: P28342Street Address: GREENBLUM & BERNSTEIN, P.L.C.1950 Roland Clarke PlaceCity: Reston State: VA ZIP: 201916. Total number of applications and patents involved: 1

7. Total Fee (37CFR 3.41)

\$40.00☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

19-0089

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

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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.

Bruce H. Bernstein, Reg. No. 29,027

Name of Person Signing

Signature

William Pieprz

Reg. No. 33630

Date

12-23-05Total number of pages including cover sheet, attachments and document: 7

12/28/2005 ECOOPER 00000145 10546455

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ASSIGNMENT

WHEREAS, **Satoshi ABE**, a citizen of Japan, whose post office address is c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 Japan, and **Isao FUWA**, a citizen of Japan, whose post office address is c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 Japan, **Yoshikazu HIGASHI**, a citizen of Japan, whose post office address is c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 Japan, **Hirohiko TOGEYAMA**, a citizen of Japan, whose post office address is c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 Japan, **Norio YOSHIDA**, a citizen of Japan, whose post office address is c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 Japan, **Masataka TAKENAMI**, a citizen of Japan, whose post office address is c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 Japan, **Takashi SHIMIZU**, a citizen of Japan, whose post office address is c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 Japan, and **Shushi UENAGA**, a citizen of Japan, whose post office address is c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 Japan, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

Method of and Apparatus for Making a Three-Dimensional Object

for which they have jointly executed an application for Letters Patent for the United States which was filed in the United States Patent and Trademark Office on August 19, 2005, and which is a National Stage Application of PCT/JP2004/002187, filed February 25, 2004.

If this Assignment is filed after the filing date of the above-identified application, the undersigned hereby authorize and request any one of the attorneys of record in this application including Neil F. Greenblum, Reg. No. 28,394, Bruce H. Bernstein, Reg. No. 29,027, Arnold Turk, Reg. No. 33,094, James L. Rowland, Reg. No. 32,674, Stephen M. Roylance, Reg. No. 31,296, Leslie J. Paperner, Reg. No. 33,329, William Pieprz, Reg. No. 33,630, Robert W. Mueller, Reg. No. 35,043 and William E. Lyddane, Reg. No. 41,568, of the firm Greenblum & Bernstein, P.L.C., whose address is 1950 Roland Clarke Place, Reston, Virginia 20191, to insert here in parenthesis (Application No. 10/546,455, filed August 19, 2005) the filing date and application number of said application when known.

AND WHEREAS, **Matsushita Electric Works, Ltd.**, a corporation organized and existing under the laws of Japan, whose post-office address is 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 Japan, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the

United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNORS on the respective date indicated below.

First Witness:

Souichi Nakai
(Name) Souichi NAKAI

Oct. 25, 2005
(Date)

Satoshi Abe 10/24/05
Satoshi ABE Date

Second Witness:

Chikako Kubota
(Name) Chikako KUBOTA

Oct. 25, 2005
(Date)

First Witness:

Souichi Nakai
(Name) Souichi NAKAI

Oct. 25, 2005
(Date)

Isao - Fuwa 10/19/05
Isao FUWA Date

Second Witness:

Chikako Kubota
(Name) Chikako KUBOTA

Oct. 25, 2005
(Date)

First Witness:

Souichi Nakai
(Name) Souichi NAKAI

Oct. 25, 2005
(Date)

Yoshikazu Higashi 10/19/05
Yoshikazu HIGASHI Date

Second Witness:

Chikako Kubota
(Name) Chikako KUBOTA

Oct. 25, 2005
(Date)

First Witness:

Souichi Nakai
(Name) Souichi NAKAI

Oct. 25, 2005
(Date)

Hirohiko Tozeyama 10/19/05
Hirohiko TOGEYAMA Date

Second Witness:

Chikako Kubota
(Name) Chikako KUBOTA

Oct. 25, 2005
(Date)

First Witness:

Souichi Nakai
(Name) Souichi NAKAI

Oct. 25, 2005
(Date)

Norio Yoshida 10/19/05
Norio YOSHIDA Date

Second Witness:

Chikako Kubota
(Name) Chikako KUBOTA

Oct. 25, 2005
(Date)

First Witness:

Souichi Nakai
(Name) Souichi NAKAI

Oct. 25, 2005
(Date)

Masataka Takenami 10/19/05
Masataka TAKENAMI Date

Second Witness:

Chikako Kubota
(Name) Chikako KUBOTA

Oct. 25, 2005
(Date)

First Witness:

Souichi Nakai
(Name) Souichi NAKAI

Oct. 25, 2005
(Date)

Takashi Shimizu 10/25/05
Takashi SHIMIZU Date

Second Witness:

Chikako Kubota
(Name) Chikako KUBOTA

Oct. 25, 2005
(Date)

First Witness:

Souichi Nakai
(Name) Souichi NAKAI

Oct. 25, 2005
(Date)

Shushi Uenaga 10/19/05
Shushi UENAGA Date

Second Witness:

Chikako Kubota
(Name) Chikako KUBOTA

Oct. 25, 2005
(Date)