

02-21-2002



FORM PTO-1596

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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

1-31-92

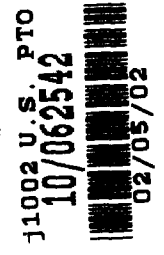
Docket No.: 54024-039

101988254

To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of Conveying Party(ies):
Naoki KUBO, Toshio NORITA, Makoto MIYAZAKI and Akira WADA
02/05/02
Additional name(s) of conveying party(ies) attached? Yes

2. Name and address of receiving party(ies):
Name: MINOLTA CO., LTD.
Address: Osaka Kokusai Building, 3-13, 2-chome Azuchi-machi, Chuo-ku, Osaka-shi
Osaka 541-8556, JAPAN
Additional name(s) & address(es) attached? Yes



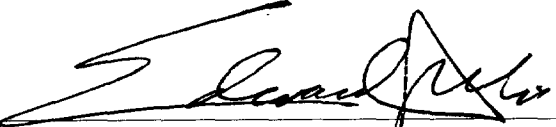
3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: January 17, 2002

4. Application number(s) or patent number(s):
If the document is being filed together with a new application, the execution date of the application is: January 17, 2002
A. Patent Application No(s). B. Patent No(s).
Additional numbers attached? Yes

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: MCDERMOTT, WILL & EMERY
Internal Address:
Street Address: 600 13th Street, N.W.
City: Washington State: DC Zip: 20005

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41) \$40.00
 Enclosed
 Authorized to be charged to deposit account
8. Deposit account number: 500417

DO NOT USE THIS SPACE

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.
Edward J. Wise, 34,523  February 5, 2002

Name and Registration No. of Person Signing Signature Date
Total number of pages comprising cover sheet: 1

02/20/2002 00000131 500417 10062542
CMB No. 0851-0011 (exp. 4/94)
01 FC:561 40.00 CH

ASSIGNMENT

WHEREAS, I (WE) Naoki KUBO, Toshio NORITA, Makoto MIYAZAKI and Akira WADA have invented a new and useful invention entitled THREE-DIMENSIONAL MOLDING APPARATUS AND THREE-DIMENSIONAL MOLDING METHOD, for which I (WE) have:

- (a) filed an application for United States Letters Patent on _____ as (Serial No. _____); or
- (b) executed an application for United States Letters Patent on Jan. 17, 2002; Jan. 17, 2002; Jan. 17, 2002; and Jan. 17, 2002;

WHEREAS, MINOLTA CO., LTD., a corporation organized and existing under the laws of Japan, having a place of business at Osaka Kokusai Building, 3-13, 2-chome Azuchi-machi, Chuo-ku, Osaka-shi, Osaka 541-8556 Japan, hereinafter called the "Assignee," is desirous of acquiring the entire right, title and interest in and to said invention, the application above identified, and in, to and under any Letters Patent which may be obtained to said invention, as hereinafter more fully set forth;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient considerations, the receipt whereof is hereby acknowledged, I (WE) have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, the entire, right, title and interest for the United States in and to the invention and application hereinabove identified, and any Letters Patent of the United States that may issue for said invention, together with the entire right, title and interest in and to said invention and applications for Letters Patent and Letters Patent therefor, in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; to have and to hold for the sole and exclusive use and benefit of the said Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said inventions may issue.

And I (WE) do hereby covenant and agree, for themselves and their legal representatives, that they will assist their said Assignee in the prosecution of the application herein identified; in the making and prosecution of any other applications for Letters Patent that the said Assignee may elect to make covering the invention; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patent herein contemplated; and that they will execute and deliver to the said Assignee any and all additional papers which may be requested by the said Assignee to fully carry out the terms of this Assignment.

And the Commissioner of Patents and Trademarks is hereby authorized and

requested to issue Letters Patent to the said Assignee in accordance with the terms of this Assignment.

The undersigned hereby grant(s) the attorneys of McDermott, Will & Emery the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF, I (WE) have hereunto set their hands and affixed their seals.

Date: Jan. 17, 2002 Naoki Kubo (Seal)
Naoki KUBO

WITNESSED BY:

Date: _____
Date: _____

Date: Jan. 17, 2002 Toshio Norita (Seal)
Toshio NORITA

WITNESSED BY:

Date: _____
Date: _____

Date: Jan. 17, 2002 Makoto Miyazaki (Seal)
Makoto MIYAZAKI

WITNESSED BY:

Date: _____

Date: _____

Date: Jan. 17, 2002

Akira Wada (Seal)
Akira WADA

WITNESSED BY:

Date: _____

Date: _____

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