

12-02-2005



103129258

Mail Stop:
Assignment Recordation Services
Director of the U.S. Patent
and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Attorney Docket No. 126095

1321 U.S. PTO
11/285604

112305

Please record the attached original document or copy thereof.

1. A. Name of conveying parties:
[1] Naohiko IWATA
[2] Hideaki SAKAMOTO
[3] Masaya IWASAKI
[4] Ken HATTORI
[5] Masato TAKAHASHI
[6] Yutaka ENDO
[7] Yasuo ARAKI
B. Additional name(s) of conveying party(ies) attached?
 Yes No

2. A. Name and address of receiving party:

NIKON CORPORATION
2-3, MARUNOUCHI 3-CHOME
CHIYODA-KU
TOKYO 100-8331
JAPAN
B. Additional name(s) & address(es) attached?
 Yes No

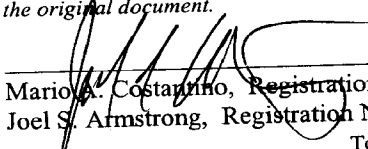
3. A. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
B. Execution Date: [1-4 & 7] November 4, 2005
[5-6] November 7, 2005

4. This document is being filed together with a new application.
A. Patent Application No.(s) _____ B. Patent No.(s) _____
Additional numbers attached? Yes No
C. Title of Application: EXPOSURE APPARATUS AND DEVICE MANUFACTURING METHOD

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Mario A. Costantino
Address: OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, VA 22320

6. Total number of applications and patents involved: 1
7. A. Total fee (37 CFR 3.41).....\$ 40.00
B. Enclosed (Check No. 173270)
8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.

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.


Date: November 23, 2005
Mario A. Costantino, Registration No. 33,565
Joel S. Armstrong, Registration No. 36,430
Total number of pages including cover sheet, attachments, and document: 2

12/01/2005 EC000EP 00000085 11285604

01 FC:8021

40.00 DP

PATENT
REEL: 017281 FRAME: 0576

ASSIGNMENT

(1-6) **Insert Name(s) of Inventor(s)**

(1) <u>Naohiko IWATA</u>	(5) <u>Masato TAKAHASHI</u>
(2) <u>Hideaki SAKAMOTO</u>	(6) <u>Yutaka ENDO</u>
(3) <u>Masaya IWASAKI</u>	(7) <u>Yasuo ARAKI</u>
(4) <u>Ken HATTORI</u>	(8) _____

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to

(9) **Insert Name of Assignee** (9) NIKON CORPORATION

(10) **Insert Address of Assignee** (10) 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo, Japan

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11) **Insert Identification such as Title, Case Number, or Foreign Application Number** (11) EXPOSURE APPARATUS AND DEVICE MANUFACTURING METHOD

(Attorney Docket No. _____)

for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or

(12) **Insert Date of Signing of Application** (12) on November 4, 2005 and November 7, 2005

(13) **Alternative Identification for filed applications** (13) U.S. application Serial Number _____
filed _____

1) Each undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.

2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.

5) Each undersigned authorizes and requests the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.

6) Each undersigned hereby grants the firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any further identification that 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 witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	<u>Nov. 4, 2005</u>	Name of Inventor	<u>岩田直彦</u>	<u>Naohiko IWATA</u>	(SEAL)
Date	<u>Nov. 4, 2005</u>	Name of Inventor	<u>坂本英昭</u>	<u>Hideaki SAKAMOTO</u>	(SEAL)
Date	<u>Nov. 4, 2005</u>	Name of Inventor	<u>岩崎翔弥</u>	<u>Masaya IWASAKI</u>	(SEAL)
Date	<u>Nov. 4, 2005</u>	Name of Inventor	<u>服部 健</u>	<u>Ken HATTORI</u>	(SEAL)
Date	<u>Nov. 7, 2005</u>	Name of Inventor	<u>高橋 正人</u>	<u>Masato TAKAHASHI</u>	(SEAL)
Date	<u>Nov. 7, 2005</u>	Name of Inventor	<u>遠藤 空</u>	<u>Yutaka ENDO</u>	(SEAL)
Date	<u>Nov. 4, 2005</u>	Name of Inventor	<u>荒木原 健</u>	<u>Yasuo ARAKI</u>	(SEAL)
Date	_____	Name of Inventor	_____	_____	(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date Nov. 7, 2005 Witness 加山 泰永

Date Nov. 7, 2005 Witness 根川 浩人

ASSIGNMENT

(1-8) **Insert Name(s) of Inventor(s)**

(1) <u>Naohiko IWATA</u>	(5) <u>Masato TAKAHASHI</u>
(2) <u>Hideaki SAKAMOTO</u>	(6) <u>Yutaka ENDO</u>
(3) <u>Masaya IWASAKI</u>	(7) <u>Yasuo ARAKI</u>
(4) <u>Ken HATTORI</u>	(8) _____

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to

(9) **Insert Name of Assignee** (9) NIKON CORPORATION
 (10) **Insert Address of Assignee** (10) 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo, Japan

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11) **Insert Identification such as Title, Case Number, or Foreign Application Number** (11) EXPOSURE APPARATUS AND DEVICE MANUFACTURING METHOD
 (Attorney Docket No. _____)

for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or

(12) **Insert Date of Signing of Application** (12) on November 4, 2005 and November 7, 2005
 (13) **Alternative Identification for filed applications** (13) U.S. application Serial Number _____
 filed _____

- 1) Each undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any further identification that 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 witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	<u>Nov. 4, 2005</u>	Name of Inventor	<u>岩田 直子</u>	<u>Naohiko IWATA</u>	(SEAL)
Date	<u>Nov. 4, 2005</u>	Name of Inventor	<u>坂本 英昭</u>	<u>Hideaki SAKAMOTO</u>	(SEAL)
Date	<u>Nov. 4, 2005</u>	Name of Inventor	<u>岩崎 雅弥</u>	<u>Masaya IWASAKI</u>	(SEAL)
Date	<u>Nov. 4, 2005</u>	Name of Inventor	<u>服部 健</u>	<u>Ken HATTORI</u>	(SEAL)
Date	<u>Nov. 7, 2005</u>	Name of Inventor	<u>高橋 正人</u>	<u>Masato TAKAHASHI</u>	(SEAL)
Date	<u>Nov. 7, 2005</u>	Name of Inventor	<u>遠藤 豊</u>	<u>Yutaka ENDO</u>	(SEAL)
Date	<u>Nov. 4, 2005</u>	Name of Inventor	<u>荒木 康雄</u>	<u>Yasuo ARAKI</u>	(SEAL)
Date	_____	Name of Inventor	_____	_____	(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date Nov. 7, 2005 Witness 加山 泰永
 Date Nov. 7, 2005 Witness 服川 浩人