

DLS:dm 4641-56118 10/6/00

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Express Mail No. EL640903138 Attorney's Ref. No. 4641-56118/IBS

FORM PTO-1595 1-31-92 RECORDATION FO	DRM COVER SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark office						
PATENTS ONLY							
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.							
Name of Conveying Party(ies): (a) Katsuhiko Murakami, and (b) Yutaka Ichihara	2. Name and address of receiving party(ies): Name: Nikon Corporation 9 / 54873						
Additional name(s) of conveying party(ies) attached? YES NO	Name: Nikon Corporation						
3. Nature of Conveyance:	Internal Address:						
Assignment							
Security Agreement Change of Name							
Other D ~ 6 ~ 0 0	Street Address: Fuji Building, 2-3 Marunouchi 3-chome Chivada Ing. Talana 100 JABAN						
Execution Date: (a) 10/5/2000, and (b) 10/6/2000	Chiyoda-ku, Tokyo 100 JAPAN						
(a) 10/3/2000, and (b) 10/0/2000	Additional name(s) & address(es) attached? Yes No						
4. Application number(s) or patent number(s):	redutivisti mane(s) et address(es) attached. 🗀 165 🖂 (10						
If this document is being filed together with a new application	on, the execution date						
of the application is: (a) 10/5/2000, and (b) 10/6/2000	_						
A. Patent Application No.(s)	B. Patent No.(s)						
Additional numbers attached? Yes No							
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: one						
Name: Donald L. Stephens Jr. Klarquist Sparkman Campbell Leigh & Whinston, LLP Internal Address: One World Trade Center, Suite 1600	7. Total fee (37 CFR 3.41): \$40.00 Enclosed						
Street Address: 121 S.W. Salmon Street City Portland State Oregon ZIP 97204-2988	8. Any deficiency/overpayment is authorized to be charged to deposit account 02-4550						
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.							
Donald L. Stephens Jr.	October 6, 2000						
· -	gnature Date						
Total number of pages including cover sheet, attachment and document: 4							
OMB No. 0651-0011 (exp. 4/94)	00000						
	8						

11/01/2000 PALLEN 03 FC:581

PATENT

REEL: 011218 FRAME: 0590

Assignment 議憲賢書

Japanese Language Assignment 日本記しよる記録数

(1-6)	Insert Name(s) of Inventor(s)/ 発明者の名詞を配入						
(1)	KATSLIHIKO MURAKAMI						
(2)	YUTAKA IÇHIHARA						
(3)							
(4)							
(5)							
(6)							
(7)							
(8)							
	5者に対し払われた有効約因名よび省価約因を考慮して、 5者は、下記	In consideration of 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 Assigned 薩受人の名前を記入						
(9)	Nikon Corporation/ ニコン株式会社						
(10)	Insert Addressee of Assignme/ 建受人の住所を記入						
(10)	Fuji Building, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100, Japan 〒100 東京都千代田区丸の内 3-2-3 南士ビル						
受人、	一般受人と称する)、および設受人の相続人、京権人、譲 ならびに法律上の代理者に、本発明と、すべての暫定 非哲定的、分割的、難続の、代位の、再発行の出資と、 助許状、特許権存続期間の延長、再発行と、	(hereinafter designated as the Assignee) and Assignee's helts, 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 recamination certificates that may be granted on the invention known as					
(11)							
(11) MULTILAYER-FILM REFLECTIVE MIRRORS, EXTREME UV MICROLITHOGRAPHY APPARATUS							
	SAME, AND MICROELECTRONIC-DEVICE MANUFACTURING METHODS UTILIZING SAME						
(Απο	mcy Ref. No./ 并確士用多應番号 4841-56118/DLS)					

Page I of 3

PATENT REEL: 011218 FRAME: 0591 として知られる発明に与えられる可能性のある再審査証とを含む、すべての特額において、合衆国法律条(35 U.S.C.) 9 100 での危機に基づき、アメリカ合衆國についての全権利、権原、および利権を調査することに同意し、ここにおいて確認、移転、および引渡を行うものとする。

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

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(12)	Insert Date of Signing of Application/出版者名目を記入				
(12)	on (1) 10/5/2000, and (2) 10/6/2000 付けに				
(13)	Alternative Identification for filed applications/ 州版に関する代替維別事項				
(13)	U.S. application Serial Number/ 米爾出願番号				
	filed/ 出願法み				

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- 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 Arrignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning may 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 agazes 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 recommination a grant of a valid United States pattern to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of Patents to issue any and all Letters Putents 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.

Page 2 of _3

6) 各署名者は、会社 Klarquist Spe Whinston, LLP に対し、本文書の記録に限 庁の規定に従うために必要なまたは訳 この証書に挿入する板限をここにおい	関する合衆国特許商製 ましいその他の識別を	Spademan this assign desirable i	Each undersigned hereby grants the firm of Campbell Leigh & Whinston, LLP, the perment any further identification that may be in order to comply with the rules of the Unit I Trademark Office for recordation of this d	wer to insert on hecessary or had States
以上も確認の上で、署名者の名論候の! 署名據印される。	日付に署名者によって		whereof, executed by the undersigned on the dersigned name(s).	ie date(s) oppo-
Dated 目付: Oce. 5, 2000	Inventor Signature/ 発明	告 の署名 1	Katauh ko Murakami KATSUHIKO MURAKAMI	(SEAL/ 捺印)
Date 日村: Oct. 6, 2000	inventor Signature/ 929	者の署名 _	Yutaka ichihara	(SEAL/ 格 印)
Date/ 日付 ;	Inventor Signature/ 発明	者の署名。		(SEAL/ 捺印)
Date/ 目付:	Inventor Signature/ 完切	者の署名		(SBAU 捺印)
Date/ 日付:	Inventor Signature/ 発明	者の署名		(SEAL/ 捺印)
Date/ 目付:	Inventor Signature/ 発明	者の署名	· · · · · · · · · · · · · · · · · · ·	_(SBAL/ 接印)
Date/ 日付:	Inventor Signature/ 95.	者の署名		_(SEAL/ 祭印)
Date/ 目付:	Inventor Signature/ 死期	者の署名		_(SEAL/ 捺印)
本証者は、(a) 合衆国内の場合は公証人は米国領事官の前で署名することが認 場合は、ここで署名する最低2名の証 ばならない。	ましい。両者がいない	Public if	gament should preferably be signed before within the U.S.A. (b) a U.S. Consul if outsiden at the best two values:	de the U.S.A. If
Date/ 日付:	Witness Signsture/ 狂力	人の署名 _		
Date/ 日付:	Witness Signstond 証丿	への署名_		

Page 3 of 3

PATENT REEL: 011218 FRAME: 0593

RECORDED: 10/06/2000