FORM PTO-159 (Rev 6-93) OMB No 0651-0011 (exp. 4/94) 100803	ARTMENT OF COMMERCE and Trademark Office		
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To the Honorable Commissioner of Patents and Trademark	s: Please record on attached original documents or copy there		
1. Name of conveying party(ies): 2: Name and address of receiving part Name: NIKON CORPORATION			
WERNER STICKEL STEVEN DOUGLAS GOLLADAY	Street Address: FUJI BUILDING, 2-3 MARUNOUCHI 3-CHOME, CHIYODA-KU City TOKYO 140, Country: JAPAN		
Additional name(s) of conveying party(ies) attached? [] Yes [X] No	State:ZIP: Additional name(s)/address(es) attached? [ ] Yes [X] No		
3. Nature of conveyance: X Assignme	nt Execution Date: AUGUST 21, 1998		
4. Application number(s) or patent num If this document Is being filed togeth the execution date of the application	er with a new application,		
A. Patent Application No.(s) Docket No. <u>NI998-142</u> Additional numbers a	B. Patent No.(s)     ttached? [] Yes [X] No		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: ONE [1]		
Name: Graham S. Jones, II Street Address: 42 Barnard Avenue City: Poughkeepsie State: New York	<pre>7. Total fee (37 CFR 3.41) \$ 40.00 [X]Enclosed [] Authorized to be charged to         deposit account</pre>		
ZIP: 12601-5023	<ol> <li>Deposit account number         <ul> <li>(Attach duplicate copy of this page is paying by deposit account)</li> </ul> </li> </ol>		
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9. Statement and Signature. To the best of my knowledge and belief correct and any attached copy is a tru	, the foregoing information is true and the copy of the original document.		
GRAHAM S. JONES, II, Reg. No 20429 Name of Person Signing	Signature 8 B/22/98		
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Commissioner of Patents	th required cover sheet information to: & Trademarks, Box Assignments on, D.C. 20231		
CERTIFICATE OF MAILING US POSTAL EXPRE I hereby certify that this correspondence is being dep EXPRESS Class Mail in an Envelope Addressed to Commiss Date of Deposit <u>AUGUST 22, 1998</u> Graham S. Jones, II, Reg. No. 20,429	co co		

## ASSIGNMENT

WHEREAS, I/We,

Inventor	(1) WERNER STICKEL	City of	RIDGEFIELD			
and City	County of FAIRFIELD	and State of	CONNECTICUT			
Inventor	(2) STEVEN DOUGLAS GOLLADAY	City of	HOPEWELL JUNCTION			
and City	County of DUTCHESS	and State of	NEW YORK			
(hereinafter called assignors)						
have invented certain new and useful improvements in						
Title	ILLUMINATION DEFLECTION SYSTEM FOR E-BEAM PROJECTION					
Dates That Inventors						
	- ·					

Signed the (1) AUGUST 2/, 1998, and

Declaration (2) AUGUST 21, 1998, and

WHEREAS, NIKON CORPORATION, having a place of business at Tokyo, Japan, (hereinafter called NIKON), is desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent which may be obtained therefor,

NOW THEREFORE, for good and valuable consideration to us paid by the said NIKON, receipt of which is hereby acknowledged, I/We, the above named assignor(s), hereby sell, assign and transfer to the above named NIKON, its successors and assigns the entire right, title and interest in and to the application, the invention disclosed therein and the Letters Patent, both foreign and domestic, that may or shall issue, including all of my/our rights under any and all international conventions, treaties and/or agreements concerning patents to which the United states of America is a party; and I/We do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned NIKON in accordance herewith.

## ATTORNEY DOCKET NO. NI998-142 EXPRESS MAIL NO. EG472451938US

I/We further authorize the said NIKON its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired in any and all foreign countries, and additionally to claim the filing date of said United States application and/or otherwise take advantage of the provisions of any international convention, treaty and/or agreement.

I/We do hereby covenant and agree with the said NIKON, its successors and assigns that I/We will not execute any writing or do any act whatsoever conflicting with these presents, and that I/We or my/our executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the said NIKON, its successors and assigns, execute such additional writings and do such additional acts as said NIKON, its successors and assigns, may deem necessary or desirable to perfect the said NIKON's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, continuing, divisional, reissue or extended Letters Patent of the United States, and any and all foreign countries on said invention, and in enforcing any rights, occurring as a result of said applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

SIGNED AND SEALED

(1) Signed at City <u>EAST FISHKILL, NY</u> <u>on AUGUST 2(, 1998</u>	(WERNER First Name	 Middle Initial	STICKEL Last Name	Bignature ) inventor
(2) Signed at City <u>EAST FISHKILL, NY</u> on AUGUST <b>21</b> , 1998	(STEVEN First Name	Druglas DOUGLAS Middle Initial	GOLLADAY	_ signature ) inventor