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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies):	Name and address of receiving party(ies):
1. Helmut Schmidt 2. Herbert Krug 3. Peter W. Oliveira 4. Stefan Sepeur Additional name(s) of conveying party(ies) attached? [] Yes [X] No	Name: Institut fuer Neue Materialien gemeinnuetzige GmbH Internal Address: Street Address: Im Stadtwald - Gebaude 43a Saarbruecken GERMANY
3. Nature of conveyance:	GETIMANT
[X] ASSIGNMENT - 2 pgs	Additional name(s) & address(es) attached? [] Yes [X] No
Date Signed: 1. 11/30/99, 2. 12/9/99, 3. 12/20/99, 4. 12/21/99	
4. Application number(s) or patent number(s):	Attorney Docket No. 24448-0004
If this document is being filed together with a new application, the	he execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
09/155,639	
Additional numbers attac	ched? [] Yes [X] No
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Heller Ehrman White & McAuliffe	6. Total number of applications and patents involved: 1
Internal Address: Street Address: 525 University Avenue City: Palo Alto State: CA Zip: 94301-1908	7. Total fee (37 CFR 3.41)
728/2000 DCDATES 00000121 09155639 FC:581 40.00 OP	8. Deposit Account Number:
9. Statement and signature. To the best of my knowledge and belief, the foregoing information the original document. Derek P. Freyberg, Reg. No. 29,250 Name of Person Signing Signate Total in	Teybong 2/18/00

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> PATENT REEL: 010627 FRAME: 0776

WHEREAS, We, Helmut Schmidt, Herbert Krug, Peter W. Oliveira, and Stefan Sepeur, having the addresses indicated below, are joint inventors of certain subject matter entitled OPTICAL COMPONENTS WITH A GRADED-INDEX STRUCTURE, AND METHOD OF MANUFACTURING SUCH COMPONENTS (the "Invention"), for which we have executed U.S. Patent Application No. 09/155,639, filed in the U.S. Patent & Trademark Office on October 1, 1998 as the US national phase of PCT International Application No. PCT/EP97/01678, filed April 3, 1997;

AND WHEREAS, Institut für neue Materialien gemeinnützige GmbH, having an address at Im Stadtwald - Gebäude 43a, 66123 Saarbrücken, Germany ("INM") desires to perfect its right to the Invention and in the Letters Patent to be obtained therefor from the United States of America;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, We acknowledge INM's interest in the Invention and hereby assign to INM for the United States of America all my rights, title and interest in the Invention, as described and claimed in Application No. 09/155,639, or in any continuation, division, reissue, reexamination or extension thereof; the Invention, application and Letters Patent to be owned by INM, its successors, assigns and legal representatives, to the full end of the term for which such Letters Patent may be granted.

This assignment is effective as of April 3, 1997.

I have read and understand this Assignment document for Application No. 09/155,639 and agree hereto, as indicated by my signature as set forth below.

FIRST JOINT INVENTOR INVENTOR'S SIGNATURE DATE Helmut SCHMIDT POST OFFICE ADDRESS Im Königsfeld 29, 66130 Saarbrücken-Güdingen, Germany INVENTOR'S SIGNATURE DATE SECOND JOINT INVENTOR Herbert KRUG Dec. 9, 1999 POST OFFICE ADDRESS Beim Hölzernen Steg 1, 66346 Püttlingen, Germany INVENTOR'S SIGNATURE DATE THIRD JOINT INVENTOR Peter W. OLIVEIRA 20/12/1999 POST OFFICE ADDRESS Bismarckstrasse 8, 66111 Saarbrücken, Germany INVENTOR'S SIGNATURE DATE FOURTH JOINT INVENTOR Stefan SEPEUR POST OFFICE ADDRESS Zur Lambertstrasse 8, 66787 Wadgassen, Germany

RECORDED: 02/22/2000

REEL: 010627 FRAME: 0778