Form PTO-1595 (Rev. 6-93)

RECC



HEET

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

102223009 OMB No. 0651-0011(exp. 4/94) To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof 2. Name and address of receiving party(i 1. Name of conveying party(ies): Dr. Michael Abraham, Dr. Andreas Lang and Name: Nanophotonics AG Michael Schweiger al name(s) of conveying party(ies) attached? □ Yes ☒ No Street Address: Galileo-Galilei-Str. 3. Nature of conveyance: ☐ Merger □ Change of Name ☐ Security Agreement City: Mainz Country: Germany ZIP: 55129 ☐ Other: _____ Additional name(s) & address(es) attached? ☐ Yes ☑ No Execution Date: August 29, 2002 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: August 29, 2002 B. Patent No.(s): A. Patent Application No.(s): Additional numbers attached? ☐ Yes ☑ No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: Name: Hudak & Shunk Co., L.P.A. 7. Total fee (37 CFR 3.41) \$40.00 Internal Address: Daniel J. Hudak, Jr. Street Address: 7 West Bowery Street, Suite 808 ☐ Authorized to be charged to deposit account. City: Akron State: OH ZIP: 44308-1133 8. Deposit account number: 08-3150 (for insufficient fees only) 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. Daniel J. Hudak, Jr. Name of Person Signing Registration No. 47,669

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

09/13/2002 GTON11 00000123 10237909

01 FC:581

40.00 BP

PATENT REEL: 013275 FRAME: 0479

Docket No.: FMW-WW-CIP (N 450)

ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned by the Assignee,

NANOPHOTONICS AG

a corporations organized under the laws Germany, domiciled at

Galileo-Galilei-Str. 28, 55129 Mainz, Germany

receipt whereof is hereby acknowledged, the undersigned by these presents hereby sells, assigns, transfers, and sets over unto said assignee the entire right, title and interest in and to the invention or improvement in

*DEVICE FOR MEASURING SURFACE DEFECTS"

said invention being fully described and/or claimed in the application for Letters Patent of the United States of America, executed this date(s), as well as any divisional, continuing, reissue, reexamination, or other patent applications, in and for the United States and all foreign countries, the same to be held and enjoyed by said assignee, its successors, assigns or other legal representatives, to the full ends of the terms for which all Letters Patent therefore may be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

AND SAID ASSIGNEE ARE HEREBY AUTHORIZED to make application for and to receive Letters Patent for said invention in any of said countries at its election.

AND BY THIS COVENANT the undersigned will execute or procure any further necessary assurance of title to said invention and Letters Patent; and at any time, upon the request of said assignee, will execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patent which may be granted therefore to said Assignee, its successors, assigns or other legal representatives, and, upon the request of said assignee, will execute any divisional, continuing, reissue, reexamination, or other applications for patents for said invention, in any country, and will make all rightful oaths and do all lawful acts requisite for aiding, procuring, or maintaining the same or for aiding therein.

AND THE COMMISSIONER of Patents is hereby authorized and requested to issue any and all Letters Patent to the United States for said invention, to said assignee.

PATENT REEL: 013275 FRAME: 0480

RECORDED: 09/09/2002

/ SIGNED and sealed as indicated adjacent our signatures.	
Significant scaled as inflicated a	adjacent our signatures.
LOS SALA	15.00.0C
Dr. Michael Abraham	Date
Location: Maint	
Witnessed Willia With	
Name: KARIN PRUFERT	August 20 '02 Date
(Printed or Typed)	Date
SIGNED and sealed as indicated adjacent our signatures.	
	29.08.02
Dr. Andreas Lang	Date
Location: Maint	
Witnessed Chin Inter	
Name: KARIN PROFERI	August 29'62
(Printed or Typed)	Date
SIGNED and sealed as indicated adjacent our signatures.	
de Chescae	1 1 2 6 6
Michael Schweiger	August 29.02 Date
•	2-0.0
Location: Maint	
Witnessed Volum That	1 1 2 161
Name: KARIN PROFERE	Agrest 29 62
(Printed or Typed)	Date _a

Page 2 of 2

NR. 8107***S. 5/6******