FORM PTO-1595 08-12-2002 U.S. DEPARTMENT OF COMMERCE RECO (Rev. 6-93)SET Patent and Trademark Office OMB No. 0651-0011 (exp. 4/94) Tab settings \Leftrightarrow \Leftrightarrow ∇ 102186680 To the Commissioner for Patents: 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Frederick Schamber, Cornelis Van Beek and Nicholas Ritchie Name: Aspex, LLC. Additional name(s) of conveying party(ies) attached?

Yes
No Internal Address: 3. Nature of conveyance: Street Address: 175 Sheffield Drive ■ Assignment □ Merge City: Delmont ☐ Security Agreement ☐ Change of Name State: PA ZIP: 15626 □ Other Additional name(s) & address(es) attached?

Yes
No Execution Date: August 1, 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 1, 2002 A. Patent Application No.(s) B. Patent No.(s) Patent application filed concurrently herewith entitled "APPARATUS FOR CORRELATING AN OPTICAL IMAGE AND A SEM IMAGE AND METHOD OF USE THEREOF" Additional numbers attached? \square Yes \square No 6. Total number of applications and 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41).....\$ 40.00 Name: Frederick B. Ziesenheim ☑ Enclosed Internal Address: Webb Ziesenheim Logsdon Orkin & Hanson, P.C. Street Address: 700 Koppers Building

 \square Authorized to be charged to deposit account 8. Deposit account number: 436 Seventh Avenue (Attach triplicate copy of this page if paying by deposit account) City: Pittsburgh State: PA ZIP: 15219-1818 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. P. August 1, 2002 Frederick B. Ziesenheim Reg. No. 19,438 Signature Name of Person Signing Total number of pages including cover sheet, attachments and document

Mail documents to be recorded with required cover sheet information to: Commissioner for Patents, U.S. Patent and Trademark Office

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ASSIGNMENT

WHEREAS, We, Cornelis Van Beek, Nicholas Ritchie and Frederick Schamber, residing at 4109 Impala Drive, City of Pittsburgh, County of Allegheny, Commonwealth of Pennsylvania 15239: 7000 Edgerton Avenue, City of Pittsburgh, County of Allegheny, Commonwealth of Pennsylvania 15208: and 5059 Cherry Drive, City of Murraysville, County of Westmoreland, Commonwealth of Pennsylvania 15668, respectively, have invented certain new and useful improvements entitled "APPARATUS FOR CORRELATING AN OPTICAL IMAGE AND A SEM IMAGE AND METHOD OF USE THEREOF" described and claimed in the application filed herewith and in United States Provisional Patent Application Serial No. 60/309,367, filed August 1, 2001 (hereinafter "said applications").

AND, WHEREAS, Aspex, LLC, a corporation of Pennsylvania, having a place of business at 175 Sheffield Drive, Delmont, Pennsylvania 15626, hereinafter called the "Assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to us by said assignee, the receipt of which is hereby acknowledged, We do hereby assign, sell, transfer, and set over unto said assignee the entire right, title and interest in and to said applications and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all non-provisional patent applications, divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by us had this assignment not been made.

The Commissioner of Patents and Trademarks is requested to issue such Letters Patent in accordance herewith. We covenant that we are the lawful owners of the said applications and the inventions and improvements therein disclosed, that the same are unencumbered, that no license has been granted to make, use, or vend the said inventions or improvements or any of them, and that we have the full right to make this assignment.

And for the consideration aforesaid, we agree that we will communicate to said assignee or the representatives thereof any facts known to us respecting said inventions and improvements, and will, upon request, but without expense to us, testify in any logal proceedings, sign all lawful papers, execute all non-provisional, divisional, reissue, continuation, continuation-in-part, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignee or by counsel for said assignee, to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This assignment shall be binding upon our heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.

RECORDED: 08/01/2002

ornelis Van Beek

[WQQQE207.1]

PATENTOTAL P.40

REEL: 13166 FRAME: 0649