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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

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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): Fluoroware, Inc. 3500 Lyman Blvd. Chaska, MN 55318 Additional name(s) of conveying party(ies) attached? _ Yes X No 3. Nature of conveyance: X_ Assignment Merger Security Agreement Change of Name Other Execution Date: _ April 15, 1998	2. Name and address of receiving party(ies): Name: ASYST TECHNOLOGIES, INC. Address: 48761 Kato Road Fremont, CA 94538 Additional name(s) & address(es) attached? Yes X No
 4. Application number(s) or patent number(s): A. Patent Application No.:07/061,935 Title: Method and Apparatus For Monitoring The Location Of Wafer Disks Filed Date: June 11, 1987 Additional numbers att 	B. Patent No(s).: 4,827,110 ached?Yes _X_No
5. Name and address of party to whom correspondence concerning document should be mailed: Name:Mark E. Miller, Esq. Address: Fliesler, Dubb, Meyer & Lovejoy Four Embarcadero Center, Suite 400 San Francisco, CA 94111 Telephone:(415) 362-3800	 6. Total Number of applications and patents involved: 1 X \$40.00 each 7. Total fee (37 CFR 3.41)\$40.00 X Check Enclosed 8. Fee Authorization. Authorization is given to charge any additional fees or credit any overpayment to Deposit Account No. 06-1325. Copy. (A duplicate copy of this authorization is not enclosed.)
9. Statement and signature. To the best of my knowledge and belief, the foregoing copy is a true copy of the original document. Brian I. Marcus, Esq. Attorney (Reg. No.: 34,511) Signature 10. Total number of pages to be recorded: 2 (1 page of storing) 11 STON11 00000120 07061935	January 29, 2001 Date

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Attorney Docket No.: ASYS-08029US0 MEM bim/asys80/

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ASSIGNMENT of PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Fluoroware, Inc., a Minnesota corporation, (referred to as "Assignor" below) has sold, assigned, and transferred and does hereby sell, assign, and transfer to Asyst Technologies, Inc. a California corporation, ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the United States Letters Patent entitled:

"Method and Apparatus for Monitoring the Location of Wafer Disks" and bearing United States Patent No. 4,827,110 (the "Patent") as well as:

2. The entire worldwide right, title, and interest in and to:

(a) the Patent, including any right of priority; (b) any divisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; and (c) any patents which may be granted on the applications set forth in (a) and (b) above.

ASSIGNOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

ASSIGNOR agrees to do the following, when requested, and without further consideration other than reimbursement for reasonable expenses, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. ASSIGNOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

ASSIGNOR represents that ASSIGNOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the ASSIGNOR has made or will make hereafter no assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

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Name and Signature, John D. Villes	Date of Signature
Strollon, cto	April 5 1998
Euroroware, Inc.	
State of Minnesota	
County of Carver	
On Ayril 15, 1998 [DATE] appeared	before me, Dien L. Vierling personally [NOTARY PUBLIC] personally known to me or proved to me on the basis of
[officer of ASSIGNOR]	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
satisfactory evidence to be the person whose name	is subscribed to the within instrument and acknowledged to authorized capacity, and that by [his/her] signature on the which the person acted, executed the instrument.
Notary Seal DIANE L. VIERLING MINNESS	Mes-a Cherter
My Gappington Exercision 11.	

RECORDED: 01/31/2001

PATENT REEL: 011485 FRAME: 0553