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RM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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100962421 WSGH FORM 23 (rev. 2/98) To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies) 2. Name and address of receiving party(ies) Name: PRI Automation, Inc. Kenneth J. Bazydola Robert L. Price Internal Address: Additional name(s) of conveying party(ies) attached? [] Yes [x] No Street Address: 805 Middlesex Turnpike 3. Nature of conveyance: [x] Assignment [] Merger [] Security Agreement [] Change of Name City: Billerica State Massachusetts Zip 01821-3986 Other ___ Execution Date: 01/22/99, 01/28/99, respectively Additional name(s) & address(es) attached? [] Yes [x] No 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: B. Patent No.(s) A. Patent Application No.(s) 09/227,177 Additional numbers attached? [] Yes [x] No 6. Total number of applications and patents involved: [1] 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41).....\$ 40.00 Weingarten, Schurgin, Gagnebin & Hayes LLP [x] Enclosed Ten Post Office Square [] Authorized to be charged to deposit account Boston, Massachusetts 02109 8. Deposit account number: _____ 2/10/1999 DCDATES 00000021 09227177 (Attach duplicate copy of this page if paying by deposit account) FC:581 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. Attorney name: Stanley M. Schurgin Registration No. 20,979 Total number of pages including cover sheet, attachments, and document: [4]

> Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks, Box Assignments Washington, D.C. 20231

PRI-111XX

PATENT

<u>ASSIGNMENT</u>

In consideration of One Dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, we, Kenneth J. Bazydola, residing at 31 Manning Road, Waltham, Massachusetts 02154, and Robert L. Price, residing at 330 Lancaster Street, West Boylston, Massachusetts 01583, hereby sell and assign to PRI Automation, Inc., a Massachusetts corporation, having a principal place of business at 805 Middlesex Turnpike, Billerica, Massachusetts 01821-3986, its successors and assigns, the entire right, title and interest, including the right to claim priority under the International Convention, throughout the United States, its territories and all foreign countries in and to our invention in

SEMICONDUCTOR WAFER CASSETTE POSITIONING AND DETECTION MECHANISM

and the application for United States Letters Patent therefor executed by us on 1/22/99 and 1/28/99 and identified as Attorney Docket No. PRI-111XX, and such patents as may issue thereon and all divisions, reissues and continuations and continuations-in-part thereof.

And we hereby covenant that we have full right to make such assignment, and agree for ourselves and our executors and administrators that we will, at the expense of said PRI Automation, Inc., execute all applications for patents in foreign countries, execute all divisional, continuing, reissue and re-examination applications, make all rightful oaths, sign all lawful papers, testify in any proceeding in which said invention or any application or patent directed thereto may be involved, and generally do everything possible to aid said PRI Automation, Inc., its successors and assigns, to obtain and enforce proper patent protection for said invention in the United States, its territories and all foreign countries.

And we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent on said invention or resulting therefrom to PRI Automation, Inc., its successors and assigns.

PATENT REEL: 9747 FRAME: 0079

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals.

Date: 1/22/99

State of Massachusetts

Midalises County of

SS.

Subscribed and sworn to before me by the above-named Kenneth J. Bazydola this ______ day of __

My Commission Expires:

6/19/2003

(Seal)

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our seals. Date: 1/28/99 State of Massachuse HS County of Workston SS. Subscribed and sworn to before me by the above-named Robert L. Price this 38th day of Lawson My Commission Expires: 8-18-2000 (Seal) BRY ... 8-18-2000

IN WITNESS WHEREOF, we have hereunto set our hands and affixed