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Name (line 1) **Kaveh, Farro**

Name (line 2)

Second Party

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Name (line 2)

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Name (line 1) **Lam Research Corporation**

Name (line 2)

Address (line 1) **4650 Cushing Parkway**

Address (line 2)

Address (line 3) **Fremont**

City

CA

State/Country

94538

Zip Code

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Correspondent Name and Address

Area Code and Telephone Number **408-441-1100**

Name **D'Alessandro & Ritchie**

Address (line 1) **P. O. Box 640640**

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Address (line 3) **San Jose, CA 95164-0640**

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Patent Application Number(s)

Patent Number(s)

09/608,599

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number

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Number of Properties

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1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ **40.00**

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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. Charges to deposit account are authorized, as indicated herein.

Diane Morse

Name of Person Signing

Diane Morse

Signature

10/23/00

Date

ASSIGNMENT

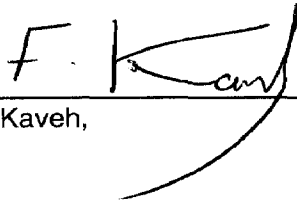
WHEREAS, we, Tuan Ngo, a citizen of the United States of America, residing at 1854 St. Andrews Ct., Milpitas, California 95035, Farro Kaveh, a citizen of the United States of America, residing at 451 Tennyson Avenue, Palo Alto, California 94301, Connie Lam, a citizen of the United States of America, residing at 330 E. Edith Avenue, Los Altos, California 94022, Chung-Ho Huang, a citizen of the United States of America, residing at 34201 Donahue Terrace, Fremont, California 94555, Tuqiang Ni, a citizen of the Peoples Republic of China, residing at 5415 Ontario Common, Fremont, California 94555, Anthony T. Le, a citizen of the United States of America, residing at 2895 Croft Drive, San Jose, California 95148, and Steven Salkow, a citizen of the United States of America, residing at 7478 Alder Court, Pleasanton, CA 94588, have invented a **"Integrated Electronic Hardware for Wafer Processing Control and Diagnostic"** for which we have executed application papers for a U.S. patent thereon which was filed on June 30, 2000, serial no. 09/608,599; and

WHEREAS, Lam Research Corporation, a Delaware corporation, having a place of business 4650 Cushing Parkway, Fremont, California 94538, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, we, Tuan Ngo, Farro Kaveh, Connie Lam, Chung-Ho Huang, Tuqiang Ni, Anthony T. Le, and Steven Salkow, do sell, assign, transfer and set over unto the said Lam Research Corporation, its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all Letters Patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Lam Research Corporation, its successors and assigns, in accordance with this Assignment.

WITNESS OUR HANDS at Palo Alto, California, this 21st day of September, 2000.

Tuan Ngo



Farro Kaveh,

Connie Lam

Chung-Ho Huang

Tuqiang Ni

Anthony T. Le

Steven Salkow