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U.S. DEPARTMENT OF COMMERCE

OMB No. 0651-0011 (exp. 4/94)


101165614

Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof

1. Name of conveying party(ies):

THOMAS J. WAGENER;
 JOHN C. PATRIN;
 WILLIAM P. INHOFER;
 KEVIN L. SIEFERING.



Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):

FSI INTERNATIONAL, INC.
 322 Hazeltine Drive
 Chaska, Minnesota 55318

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Dates: September 28, 1999

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: _____

A. Patent Application No(s). 09/351,939 B. Patent No(s).

5. Name and address of party to whom correspondence concerning document should be mailed:

David B. Kagan, #33,406
 FAEGRE & BENSON LLP
 2200 Norwest Center
 90 South Seventh Street
 Minneapolis, MN 55402-3901
 612/336-3465

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40.00

Enclosed
 Authorized to charge any underpayment or credit any overpayment to deposit account

8. Deposit Account number: 06-0029 E

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9. Statement and signature.

To the best of my knowledge and believe, the foregoing information is true and correct and any attached copy is a true copy of the original document.

David B. Kagan, #33,406 David B. Kagan October 1, 1999
 Name of person signing Signature Date

Atty Docket No.: 15676-219860

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

ASSIGNMENT

WHEREAS, we, Thomas J. Wagener, of FSI International, John C. Patrin, of FSI International, and William P. Inhofer, of FSI International, and Kevin L. Siefering of FSI International, have invented certain new and useful improvements in APPARATUS AND METHOD FOR TRANSFERRING A WORKPIECE TO AND FROM A PROCESSING CHAMBER, in which an application was made for Letters Patent of the United States, and which may be identified in the United States Patent Office by Serial No. 09/351,939, filed July 12, 1999, and

WHEREAS, FSI INTERNATIONAL, INC., Corporation of the State of Minnesota, and having an address of 322 Hazeltine Drive, Chaska, Minnesota 55318, is desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent to be obtained therefor,

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the said FSI INTERNATIONAL, INC., its successors and assigns, the entire right, title and interest in and to said invention, said application and the Letters Patent, both foreign and domestic, that may or shall issue, including all rights under the International Convention, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to the above-mentioned assignee in accordance herewith.

We Further Authorize said assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name, if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and/or otherwise take advantage of the provisions of the International Convention.

We do hereby covenant and agree with the said assignee, its successors and assigns, that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we or our executors or administrators will, at any time upon request, without further or additional consideration, but at the expense of said assignee, its successors and assigns, execute such additional writings and do such additional acts as said assignee, its successors and assigns, may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, or of any and all foreign countries on said invention, and in enforcing any rights, occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

In Witness Whereof, we have hereunto set our hands and affixed our seals on the date written below.

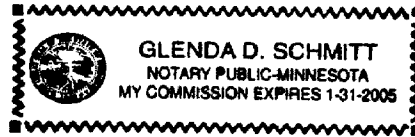
Thomas J. Wagener

9-28-99

Thomas J. Wagener
6065 Maple Leaf Circle
Shorwood, MN 55331
United States of America

Date

STATE OF MINNESOTA)
) ss.
COUNTY OF Scott)



On this 9/28/99, before me personally appeared Thomas J. Wagener, to me known to be the person described in and who executed the foregoing instrument and acknowledged that s/he executed the same as his/her free act and deed.

Glenda D. Schmitt
Notary Public

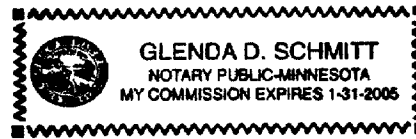
John C. Patrin

9/28/99

John C. Patrin
8572 Drake Ct.
Chanhassen, MN 55317
United States of America

Date

STATE OF MINNESOTA)
) ss.
COUNTY OF Scott)



On this 9/28/99, before me personally appeared John C. Patrin, to me known to be the person described in and who executed the foregoing instrument and acknowledged that s/he executed the same as his/her free act and deed.

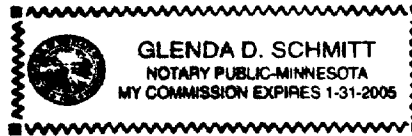
Glenda D. Schmitt
Notary Public

William P. Inhofer

William P. Inhofer
18125 North 27th Place
Plymouth, MN 55447
United States of America

28 Sep 99
Date

STATE OF MINNESOTA)
) ss.
COUNTY OF Scott)



On this 9/28/99, before me personally appeared William P. Inhofer, to me known to be the person described in and who executed the foregoing instrument and acknowledged that s/he executed the same as his/her free act and deed.

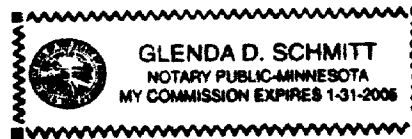
Glenda D. Schmitt
Notary Public

Kevin L. Sieferring

Kevin L. Sieferring
65528 Aster Circle
Excelsior, MN 55331
United States of America

28-SEP-99
Date

STATE OF MINNESOTA)
) ss.
COUNTY OF Scott)



On this 9/28/99, before me personally appeared Kevin L. Sieferring, to me known to be the person described in and who executed the foregoing instrument and acknowledged that s/he executed the same as his/her free act and deed.

Glenda D. Schmitt
Notary Public