

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

TO: Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

☒ New
☐ Resubmission (Non-Recordation)

Document ID#:

☐ **Correction of PTO Error**
Reel #: Frame #:

☐ **Corrective Document**
Reel #: Frame #:

Conveyance Type

☒ **Assignment** ☐ **Security Agreement**
☐ **License** ☐ **Change of Name**
☐ **Merger** ☐ **Other**

U.S. Government
 (For use ONLY by U.S. Government Agencies)

☐ **Departmental File** ☐ **Secret File**

Conveying Party(ies)☐ **Mark if additional names of conveying parties attached**

Name Arthur Keigler

Name	John Harrell
------	--------------

Name Zhenqiu Liu

Name Qunwei Wu

Name

Execution Date

Month Day Year

03 /02 /05

03 /02 /05

03	08	05
----	----	----

03 / 02 / 05

— 10 —

Receiving Party☐ Mark if additional names of receiving parties attached

Name (line 1) NEXX Systems Packaging, LLC

Name (line 2)

Address (line 1) 5 Suburban Park Drive

Address (line 2)

Address (line 3)	Billerica	MA	01821-3904
	City	State/Country	Zip Code

If document to be recorded
receiving party is not
domiciled in the United
States, an appointment of a
domestic representative is
If document to be recorded
is an assignment and the
receiving party is not

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

FOR OFFICE USE ONLY

Mail documents to be recorded with required cover sheet(s) information to:
Mail Stop Assignment Recordation Services, Director of the US Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450

700168779

PATENT
REEL: 016032 FRAME: 0321

CH \$120.00 503081 10971530

Page 2

Correspondent Name and AddressArea Code and Telephone Number: Name Address (line 1) Address (line 2) Address (line 3)

Pages Enter the total number of pages of the attached conveyance document including any attachments

Application Number(s) or Patent Number(s)Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property). ☐ Mark if additional numbers attached

Patent Application Number(s)

Patent Numbers

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT PCT PCT PCT PCT PCT **Number of Properties**

Enter the total number of properties involved.

#

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41)

\$

Method of Payment Enclosed ☐Deposit Account ☒**Deposit Account**

(Enter for payment by deposit account or if additional fees can be charged to the account)

Deposit Account Number

#

Authorization to charge additional fees:

Yes ☒ No ☐**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. Charges to deposit account are authorized, as indicated herein.*

Scott K. Witonsky, Ph.D. Reg.No. 56,471

Signature

Date

Name of Person Signing

Mail documents to be recorded with required cover sheet(s) information to:

Mail Stop Assignment Recordation Services, Director of the US Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450

PATENT
REEL: 016032 FRAME: 0322

NEXX Systems Packaging, LLC

ASSIGNMENT

WHEREAS, Arthur Keigler, John Harrell, Zhenqiu Liu, and Qunwei Wu (hereinafter "ASSIGNORS"), have invented one or more inventions described in an applications for Letters Patent of the United States, which are listed below:

Docket No.	Serial No.	Filing Date	Title
NEX-008A	10/971,729	Oct. 22, 2004	Method and Apparatus for Fluid Processing a Workpiece
NEX-008B	10/971,530	Oct. 22, 2004	Method and Apparatus for Fluid Processing a Workpiece
NEX-008C	10/971,726	Oct. 22, 2004	Method and Apparatus for Fluid Processing a Workpiece

WHEREAS, NEXX Systems Packaging, LLC (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, and having a usual place of business at 5 Suburban Park Drive, Billerica, MA 01821-3904, desires to acquire an interest therein, in accordance with agreements duly entered into with ASSIGNORS;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged by ASSIGNORS', ASSIGNORS have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNORS' entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s) described in the applications listed in SCHEDULE A, together with their entire right, title and interest in and to said applications and such Letters Patent as may issue thereon or claim priority under United States law or international convention, including but not limited to non-provisionals, continuations, divisionals, reissues, reexaminations, extensions, and substitutions of said application or such Letters Patent, and any right, title and interest ASSIGNORS may have in provisional applications to which said application claims priority; said invention(s), applications and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by ASSIGNORS had this assignment and sale not been made; ASSIGNORS hereby convey all of their rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, including but not limited to any cause(s) of action and damages accruing prior to this assignment. ASSIGNORS hereby acknowledge that this assignment, being of their entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all Letters Patent to ASSIGNEE in its own name as assignee of ASSIGNORS' entire right, title and interest therein;

AND, ASSIGNORS hereby further agree for ASSIGNORS and their executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including the execution of non-provisional, substitution, continuation, divisional, reissue, reexamination, or

Joint Assignment
NEXX Systems Packaging, LLC
Page 2 of 3

corresponding foreign or international patent applications;

AND, ASSIGNORS hereby further agree to provide statements or testimony in any interference or other proceeding in which said invention(s) or any application or patent directed thereto may be involved;


AND, ASSIGNORS hereby authorize and request the Director of the United States Patent and Trademark Office to issue such Letters Patent as shall be granted upon said application, or applications based thereon, to said ASSIGNEE, its successors, assigns, or legal representatives.

IN TESTIMONY WHEREOF, ASSIGNORS have hereunto set their hands-and affixed their seals on the date(s) set forth below.

Inventor: 
Arthur Keigler

State/Commonwealth of MA)
County of Middlesex) ss


On this 2nd day of March, 2004, before me, the undersigned notary public, personally appeared Arthur Keigler, proved to me through satisfactory evidence of identification, which were MA driver's license, to be the person whose name is signed on the preceding or attached document in my presence.


Notary Public
My Commission Expires: March 3, 2006
DAPHNE ALLEN RICE
Notary Public
My Commission Expires
March 3, 2006

Inventor: 
John Harrell

State/Commonwealth of MA)
County of Middlesex) ss

On this 2nd day of March, 2004, before me, the undersigned notary public, personally appeared John Harrell, proved to me through satisfactory evidence of identification, which were MA driver's license, to be the person whose name is signed on the preceding or attached document in my presence.


Notary Public
My Commission Expires: March 3, 2006
DAPHNE ALLEN RICE
Notary Public
My Commission Expires
March 3, 2006

Joint Assignment
NEXX Systems Packaging, LLC
Page 3 of 3

DAPHNE ALLEN RICE
Notary Public
My Commission Expires
March 3, 2006

Daphne Allen Rice
Notary Public
My Commission Expires: March 3, 2006
Inventor: Zhenqiu Liu

State/Commonwealth of MA)
County of Middlesex) ss

On this 8th day of March, 2004, before me, the undersigned notary public, personally appeared Zhenqiu Liu, proved to me through satisfactory evidence of identification, which were MA driver's license, to be the person whose name is signed on the preceding or attached document in my presence.

Inventor: Qunwei Wu

State/Commonwealth of MA)
County of Middlesex) ss

On this 2nd day of March, 2004, before me, the undersigned notary public, personally appeared Qunwei Wu, proved to me through satisfactory evidence of identification, which were MA driver's license, to be the person whose name is signed on the preceding or attached document in my presence.

Daphne Allen Rice
Notary Public
My Commission Expires: March 3, 2006

DAPHNE ALLEN RICE
Notary Public
My Commission Expires
March 3, 2006