



102278811  
RECORDATION FORM COVER SHEET

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

10/289414  
11/07/02  
U.S. PTO

1. Name of conveying party(ies):  
[FAMILY NAME (ALL CAPS), Given Name]  
SHIH, Shih-HAO  
CHEN, Wei-Chen  
LUO, C.C  
LIU, Hsin-Cheng  
LIN, Andy  
Additional name(s) of conveying party(ies) attached?  
 YES  NO

11/07/02

2. Name and address of receiving party(ies)  
Name: MACRONIX INTERNATIONAL CO., LTD  
Internal Address:  
Street Address: No. 16, Li-Hsin Road, Science-Based Industrial Park  
City: Hsin-Chu State: ZIP:  
Country: TAIWAN, R.O.C. Postal Code:  
Additional name(s) & address(es) attached?  YES  NO

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other:  
Execution Date: August 28, 2002

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: August 28, 2002  
A. Patent Application No(s).  
NEW  
B. Patent No.(s).  
Additional numbers attached?  YES  NO

10/289414

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP  
Street Address: P.O. BOX 747  
City: FALLS CHURCH State: VA ZIP: 22040-0747  
Country: USA

6. Total No. of applications/patents involved: ONE (1)  
7. Total fee (37 C.F.R. § 3.41): \$40.00  
 Enclosed  
 Authorized to be charged to deposit account, if no fee attached.  
8. Deposit account number: 02-2448  
(Attach triplicate copy of this page if paying by deposit account)

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.*  
Joe McKinney Muncy, #32,334  
Name of Person Signing/Reg. No. Joe McKinney Muncy Signature November 7, 2002 Date

Total number of pages including cover sheet, attachments, and document: THREE (3)

11/08/2002 BSAYAS11 00000014 10289414  
02 FC:8021 40.00 DP

**ASSIGNMENT**

WHEREAS, Shih-HAO Shih, Wei-Chen CHEN, C.C LUO, Hsin-Cheng LIU and Andy LIN

hereafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title: GAS CONDUIT FOR A LOAD LOCK CHAMBER

Filed: September 19, 2002 Serial No. NEW

Executed on: August 28, 2002

WHEREAS, MACRONIX INTERNATIONAL CO., LTD. of No. 16, Li-Hsin Road, Science-Based Industrial Park, Hsin-Chu, Taiwan, R.O.C. hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

Shih-HAO Shih  
Shih-HAO Shih

August 28, 2002  
Date:

Wei-Chen CHEN  
Wei-Chen CHEN

August 28, 2002  
Date:

**ASSIGNMENT**

CC LUO  
C.C LUO

August 28, 2002  
Date:

Hsin-Cheng LIU  
Hsin-Cheng LIU

August 28, 2002  
Date:

Andy LIN  
Andy LIN

August 28, 2002  
Date: