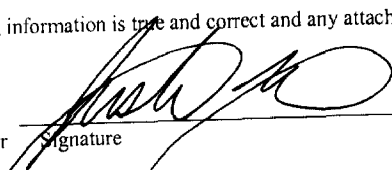


07-03-2002



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FORM PTO-1595		RECORDAT P.		Department of Commerce Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof:					
1. Name and address of conveying party(ies):  Name: ATMOS Corporation Address: 30 Edgewater Street Kanata, Ontario, K2L 1V8 Canada  <input type="checkbox"/> Individual <input type="checkbox"/> Association <input type="checkbox"/> General Partnership <input type="checkbox"/> Limited Partnership <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Other:  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. Name and address of receiving party(ies):  Name: Monolithic System Technology, Inc. Address: 1020 Stewart Drive Sunnyvale, California 94085  Additional name(s) of receiving party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of Conveyance: <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input checked="" type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:  Execution Date: June 11, 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:					
A. Patent Application Number(s): <u>10/059,414</u> <del>60/346,275</del>  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			B. Patent Number(s): None  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Name and address of party to whom correspondence concerning this document should be mailed:  Name: Justin Liu  Address: McCutchen, Doyle, Brown & Enersen LLP 1900 University Avenue East Palo Alto, California 94303			6. Total number of applications and patents involved: <u>2</u>  7. Total fee (37 C.F.R. § 3.41)(\$40.00 per assignment): <u>\$80.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to Deposit Account No. <u>50-1189</u> . <input checked="" type="checkbox"/> The Commissioner is authorized to charge underpayment of any fees or credit any overpayment to Deposit Account No. 50-1189.		
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.  Justin Liu, P-51,959      Registration Number  Signature <u>6/27/2002</u> Date Name  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					

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**MEMORANDUM OF SECURITY INTEREST  
AND LIEN IN PATENT RIGHTS**

Reference is made to a certain Intellectual Property Security Agreement (together with its appendices, exhibits and schedules, the "Security Agreement") dated as of June 11, 2002 between Monolithic System Technology, Inc., with a principal place of business at 1020 Stewart Drive, Sunnyvale, California, 94085 USA ("Secured Party") and ATMOS Corporation, with a principal place of business at 30 Edgewater Street, Kanata, Ontario, K2L 1V8 Canada ("Debtor").

Except as otherwise defined herein, all defined and capitalized terms contained herein shall have the same meanings as in the Security Agreement. Nothing herein shall be construed to modify or alter the terms of the Security Agreement, or diminish or enlarge the parties' respective rights and duties thereunder or the limitations and conditions contained therein.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and in accordance with the terms and conditions of the Security Agreement, Debtor has mortgaged and charged to Secured Party as and by way of a fixed mortgage and charge, pledged and granted a security interest in and hereby confirms its grant to Secured Party of a security interest in the below listed patents and applications for patents of record (collectively, the "Patent Rights") in the United States Patent and Trademark Office along with all proceeds and products of any of the foregoing (all of the foregoing, collectively, the "Collateral"), all as more specifically set forth, and on the terms and conditions provided, in the Security Agreement. The inclusion of proceeds does not authorize Debtor to sell or dispose of the Collateral. Without the prior written consent of the Secured Party, Debtor may not sell, exchange, license, release or abandon or otherwise dispose of one or more of the Patent Rights..

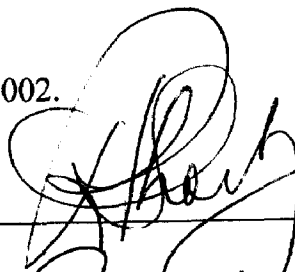
**Issued Patents**

<b>Patent No.</b>	<b>Title</b>	<b>Issued</b>

**Pending Patent Applications**

<b>Serial No.</b>	<b>Title</b>	<b>Filing Date</b>
10/059,414	Interleaved Wordline Architecture	January 31, 2002
60/346,275	Self Refresh Architecture	January 9, 2002

Executed this 29<sup>th</sup> day of June, 2002.

  
By Richard J. Shorkey  
Its CEO

Insert a section Break here, and Format Page Set Up to .5" on left and right margins.

**ALL PURPOSE ACKNOWLEDGMENT**

Residence  
STATE OF OHIO )  
 )  
CITY  
COUNTY OF OHIO )

On June 25, 2002 before me, James Robert Allen, Notary Public,  
personally appeared RICHARD SHORKEY  
NAME(S) OF SIGNER(S)

personally known to me - OR -  proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

Witness my hand and official seal.

  
SIGNATURE OF NOTARY

OPTIONAL SECTION

**CAPACITY CLAIMED BY SIGNER**

Though statute does not require the Notary to fill in the data below, doing so may prove invaluable to persons relying on the document.

- INDIVIDUAL
- CORPORATE OFFICER(S)

TITLE(S)

- PARTNER(S)  LIMITED  GENERAL
- ATTORNEY-IN-FACT
- TRUSTEE(S)
- GUARDIAN/CONSERVATOR
- OTHER: \_\_\_\_\_

**SIGNER IS REPRESENTING:**

Name of Person(s) or Entity(ies)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

OPTIONAL SECTION

Title of Type of Document \_\_\_\_\_  
Number of Pages \_\_\_\_\_ Date of Document \_\_\_\_\_  
Signer(s) Other Than Named Above \_\_\_\_\_

**THIS CERTIFICATE MUST BE ATTACHED TO THE DOCUMENT DESCRIBED AT RIGHT:**

Though the data requested here is not required by law, it could prevent fraudulent reattachment of this form.