

Attorney Docket No.: 100110412-1

B-4742 940653-8

Form PTO-1595

**PAGE 1 OF 2 OF RECORDATION FORM COVER SHEET
PATENTS ONLY**

U.S. Department of Commerce
Patent and Trademark Office

ERev. 6-93)

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

<p>1. Name of conveying party(ies):</p> <p>Frank Randolph Bryant Paul I. Mikulan</p>	<p>2. Name and address of receiving parties:</p> <p>Hewlett-Packard Company Intellectual Property Administration P.O. Bos 272400 Fort Collins, Colorado 80527-2400</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>
--	---

3. Nature of conveyance:

Assignment Merger Change of Name Security Agreement

Other: (SEE PAGE 2 OF RECORDATION FORM COVER FOR COMPLETE "NATURE OF CONVEYANCE" DETAILS)

Execution Date: 4/19/1995

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): 10/055,161

B. Patent No(s):

Additional numbers attached? YES NO

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Richard P. Berg LADAS & PARRY 5670 Wilshire Boulevard, #2100 Los Angeles, CA 90036</p> <p>PHONE: 1-323-934-2300 FACSIMILE: 1-323-934-0202</p>	<p>6. Total number of application and patents involved: <u>[1]</u></p> <p>7. Total fee 937 CFR 3.41)..... \$ <u>40.00</u> <input type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account No. _____</p> <p>8. Deposit account number: <u>08-2025</u></p>
---	---

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.

Ross A. Schmitt
Name of Person Signing
Reg. No. 28,145

Ross A. Schmitt
Signature

May 7, 2003
Date

Total number of pages including cover sheet, attachments, and document: [16] plus \$40 check
Mail documents to be recorded with required cover sheet information to:

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

Attorney Docket No.: 100110412-1

B-4742 940653-8

Form PTO-1595
ERev. 6-93)**PAGE 2 OF 2 OF RECORDATION FORM COVER SHEET
PATENTS ONLY**U.S. Department of Commerce
Patent and Trademark Office**3. Nature of conveyance: (continued)** Assignment Merger Change of Name Security Agreement Other:

copy of employment contract of FRANK RANDOLPH BRYANT with MOSTEK-THOMSON COMPONENTS (2 pages)

copy of Secretary's Certificate confirming that MOSTEK-THOMSON COMPONENTS was actually THOMSON COMPONENTS-MOSTEK CORPORATION when FRANK RANDOLPH BRYANT's employment contract was signed (1 page)

copy of Certificate of Amendment changing THOMSON COMPONENTS-MOSTEK CORPORATION to SGS-THOMSON MICROELECTRONICS, INC. (2 pages)

copy of employment contract of PAUL I. MIKULAN with SGS-THOMSON MICROELECTRONICS, INC. (2 pages)

copy of Certificate of Amendment changing name of SGS-THOMSON MICROELECTRONICS, INC. to STMICROELECTRONICS, INC. (2 pages)

copy of didacted Agreement between HEWLETT-PACKARD and SGS-THOMSON MICROELECTRONICS, NV, wherein HEWLETT-PACKARD and SGS-THOMSON MICROELECTRONICS, NV agree that inventions made in the performance of this didacted Agreement are the "sole and exclusive property" of HEWLETT-PACKARD (3 pages)

copy of Secretary's Certificate confirming that SGS-THOMSON MICROELECTRONICS, INC. is a wholly owned subsidiary of SGS-THOMSON MICROELECTRONICS, NV (1 page)

copy of Declaration confirming that HEWLETT-PACKARD is identical to HEWLETT-PACKARD COMPANY (1 page)

Execution Date: 4/19/1995

(date of execution of didacted Agreement between HEWLETT-PACKARD and SGS-THOMSON MICROELECTRONICS, NV)

COMPANY INFORMATION AGREEMENT AND ASSIGNMENT OF INVENTIONS

In consideration of my employment by MOSTEK-THOMSON COMPONENTS or any parent or subsidiary therefore (hereinafter collectively referred to as "the Company"), I hereby agree as follows:

I. ASSIGNMENT OF INVENTIONS AND TRADE SECRETS

A. I shall disclose promptly, completely and in writing to the Company and I hereby assign and agree to assign and bind my heirs, executors, or administrators to assign to the Company or its designee, its assigns, successors or legal representatives, all right, title and interest, in and for all countries, in and to any and all inventions, trade secrets, confidential and proprietary information, discoveries, conceptions, preparations and developments (all collectively hereinafter called "Inventions") whatsoever, discovered, conceived, prepared, and/or developed, either individually or jointly with others, during the course of my employment with the Company, or using the Company's time, data, facilities, personnel, and/or materials or resulting from my knowledge of, or relating to, a field of interest of the Company. Within this Agreement, the terms trade secrets and confidential and proprietary information shall include but not be limited to, processes, diagrams, formulas, methods, know-how, techniques, apparatus and any improvements thereof whether or not patent applications are filed or pending thereon, all customer lists, financial data and information, accounting and control procedures, and business methods. My obligations under this paragraph shall apply without regard to whether an idea for an invention or a solution to a problem occurs to me on the job, at home, or elsewhere.

B. I shall assist the Company at any time during or after my employment is terminated, at the Company's expense, in the preparation, execution, and delivery of disclosures, patent applications, and other papers, and to do such other acts as are reasonable, to obtain, enforce or defend patents or other rights to Inventions, in this or in other countries or in connection with such proceedings as may be necessary to vest title thereto in the Company, its assigns, successors, or legal representatives. I agree to cooperate and assist the Company at the Company's expense with respect to any suits or legal proceedings in regard to the rights of the Company in such Inventions at any time during or after my employment is terminated.

C. It is expressly understood that this Agreement does not apply to any of my patents or patent applications filed or based on inventions made prior to my employment, unless specifically listed in an addendum to this Agreement or covered by separate written agreement with the Company.

D. Nothing contained in this Agreement shall be construed as impairing the shop rights of the Company in inventions which are not assigned exclusively to the Company. The Company shall have the royalty-free right to use in its business and to make, use and sell products, processes and/or services derived from any of my inventions, whether or not patentable, as well as improvements thereof or know-how related thereto, which are not within the scope of Inventions as defined herein but which are conceived or made by me during employment by the Company or with the use or assistance of the Company's facilities, materials or personnel.

II. ASSIGNMENT OF COPYRIGHTS

I also agree that all ideas, representations, illustrations, and other forms of material (hereinafter referred to as Writings) developed and/or conceived by me during the course of my employment, and within the scope of the duties and responsibilities of my employment, which are protectable by copyright, shall be assigned to the Company or its designee, assigns, successors, or legal representatives, including the entire right, title and interest, in and for all countries, in and to all copyrights therein, and all existing registrations of said copyrights as well as the right to secure, and the exclusive ownership when secured of, all registrations and renewals of registration of copyrights of said Writings in and throughout all countries of the world, and all the rights embraced therein, including but not limited to, the full right to duplicate, reproduce, copy, or otherwise utilize said Writings, and furthermore including all rights of recovery for infringement of any copyrights covering said Writings and I shall execute all documents and do all acts reasonably required to perfect the Company's rights therein and to vest title therein the Company.

III. COMPANY INFORMATION

A. I recognize that my position with the Company is one of trust and confidence by reason of my access to and contact with trade secrets and confidential and proprietary information of the Company and I agree to use my best efforts and exercise utmost diligence to protect all safeguard the trade secrets and confidential or proprietary information of the Company. In this respect, I agree and have agreed that fulfilling the obligations of this Agreement are part of my responsibilities with the Company for which I have been employed as consideration therefor.

B. Except as may be required by the Company in connection with and during my employment with the Company, or with the express written permission of the Company, I shall not, either during my employment with the Company or thereafter, directly or indirectly, use for my own benefit or for the benefit of another, or disclose to another, any trade secret or confidential or proprietary information (whether or not acquired, learned, obtained or developed by myself alone or in conjunction with others) of the Company, its customers, contractors or of others with which the Company has a business relationship.

C. All memoranda, notes, records, drawings, or other documents made or compiled by me or made available to me while employed by the Company concerning any customer, process, apparatus or products manufactured, used, developed, investigated or considered by the Company or concerning any other Company activity shall be the property of the Company and shall be delivered to the Company upon termination of my employment or at any other time upon request. I further agree that, either during my employment or upon termination thereof, and if requested by the Company to do so, I shall acknowledge confidential or proprietary information of the Company by signing an appropriate list of any and all trade secrets and confidential and proprietary information of the Company of which I have knowledge or about which I have acquired information.

IV. FORMER EMPLOYER TRADE SECRETS

I shall not during employment hereunder, directly or indirectly, disclose or use any protected trade secret, proprietary right or information of any former employer of mine.

V. SEVERABILITY

Should any part of this Agreement, at any time, for any reason, be declared invalid, such decision shall not affect the validity of any remaining portion, which remaining portion shall remain in force and effect as if this Agreement had been executed with the invalid portion thereof eliminated.

VI. MISCELLANEOUS

A. Nothing contained in this Agreement shall be construed as impairing my right or the right of the Company to terminate employment hereunder and my obligations under this Agreement shall continue whether or not my employment with the Company shall be terminated voluntarily or involuntarily, with or without cause.

B. This Agreement shall be binding upon and insure to the benefit of the Company, its successors in business, and upon me, my heirs, executors and administrators and replace all previous agreements relating to the same or similar matters which I may have entered into with the company or its predecessors with respect to my present and any future period of employment by the company. This Agreement may not be modified in any respect by any verbal statement, representation or agreement made by any other employee of the Company, or by a written document signed by any employee of the Company other than an officer thereof.

C. The laws of the State of Texas shall govern the interpretation, validity and effect of this Agreement without regard to the place of execution or the place of performance thereof.

SIGNED AND WITNESSED

12/15/85
WITNESSED

WITNESS

EMPLOYEE

Frank Randolph Bryant

Frank Randolph Bryant
EMPLOYEE NAME (TYPED)

0155
EMPLOYEE NUMBER

PATENT

SECRETARY'S CERTIFICATE

I, Steven K. Rose, hereby certify that I am the duly elected, qualified, and acting Secretary of STMicroelectronics, Inc., a Delaware corporation ("ST"), and that as such I am authorized to execute this Certificate on behalf of ST, and further certify that the following statements are true and correct to the best of my knowledge:

1. I have reviewed relevant portions of the agreement titled "Company Information Agreement and Assignment of Inventions" by and between MOSEK-THOMSON COMPONENTS and Frank R. Bryant executed on November 15, 1985 (the "Agreement").
2. Based on my review of ST's corporate records, it appears that the entity identified in the first line of the Agreement was inadvertently listed as "MOSTEK-THOMSON COMPONENTS" and should have instead read "THOMSON COMPONENTS-MOSTEK" which is the abbreviated name of the legal entity THOMSON COMPONENTS-MOSTEK CORPORATION. Based on my review of ST's corporate records, it is further my understanding that the legal entity known as "THOMSON COMPONENTS-MOSTEK CORPORATION" existed at the time the Agreement was executed but "MOSTEK-TOMSONS COMPONENTS" did not. Accordingly, the inversion of the two words of the name of the entity identified in the Agreement is believed to have been a clerical error.
3. Through a series of transfers and name changes, STMICROELECTRONICS, INC. currently is the full successor in interest to THOMSON COMPONENTS-MOSTEK CORPORATION.

IN WITNESS WHEREOF, I have hereunto set my hand and seal of this Corporation, this the 23rd day of April, 2003.



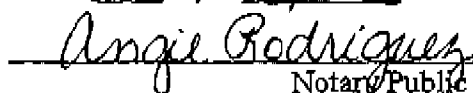
Steven K. Rose
Secretary

(SEAL)

STATE OF TEXAS
COUNTY OF DALLAS

Before me, the undersigned Notary Public in and for said County and State, on this day personally appeared Steven K. Rose, known to me to be the person and officer whose name is subscribed to the foregoing instrument and acknowledged to me that the same was the act of the said Corporation, and that he executed the same as the act of such Corporation for the purposes and consideration therein expressed, and in the capacity therein stated.

Given under my hand and seal of office this 23rd day of April, 2003.


Notary Public

FILED 2 pm

OCT 28 1987

Michael H. Hoke
SECRETARY OF STATE

CERTIFICATE OF AMENDMENT
OF
CERTIFICATE OF INCORPORATION

--OOOO--

THOMSON COMPONENTS-MOSTEK CORPORATION, a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of said corporation, by the unanimous written consent of its members, filed with the minutes of the board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of said corporation:

RESOLVED, that the Certificate of Incorporation of THOMSON COMPONENTS-MOSTEK CORPORATION be amended by changing the 1. Article thereof so that, as amended, said Article shall be and read as follows:

"1. The name of the corporation is SGS-THOMSON MICROELECTRONICS, INC."

SECOND: That in lieu of a meeting and vote of stockholders, the sole stockholder has given its written consent to said amendment in accordance with the provisions

of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

FOURTH: This Amendment shall be effective as of November 15, 1987.

IN WITNESS WHEREOF, said THOMSON-COMPONENTS-MOSTEK CORPORATION has caused this certificate to be signed by Larry R. Carter, its Vice President, and attested by Catherine Robin Sears, its Secretary, this 23rd day of October, 1987.

THOMSON COMPONENTS-MOSTEK CORPORATION

By Larry R. Carter
Larry R. Carter
Its Vice President

ATTEST:

By Catherine Robin Sears
Catherine Robin Sears
Its Secretary

RECEIVED FOR RECORD

NOV 3 1987

William M. Honey, Recorder

The ability of SGS-THOMSON Microelectronics, Inc. ("ST") to succeed depends to a significant degree on its possession of proprietary information--information not generally known to others--regarding research, development, production, marketing and management.

To obtain such information and use it productively, ST devotes considerable resources to research and product development, product improvements, the development of marketing methods, and operations, as well as obtaining proprietary information of third parties under an obligation of confidentiality. This results in a pool of information which enables ST to conduct its business competitively and thus benefit its employees. However, the value of this information exists only so long as it is maintained in confidence. Once generally known, this information gives no advantage to ST or its employees. In fact, unauthorized disclosure of a third party's proprietary information may subject ST to legal liability.

In effect, all ST employees have a common interest and responsibility in assuring that no employee accidentally or intentionally disclose any part of this pool of information.

To help protect you, all other employees and ST against such a possibility, the following Employee Agreement has been prepared for your signature so that we have a common understanding concerning our mutual responsibilities in this connection. Please read it carefully so that you may understand its importance.

SGS-THOMSON MICROELECTRONICS, INC.

EMPLOYMENT AGREEMENT

(Confidential Information and Intellectual Property)

In consideration of my employment with SGS-THOMSON Microelectronics, Inc. or any of its affiliated or subsidiary corporations (referred to herein individually and collectively as "ST"), or the continuation of my employment if I am already in the employ of ST at the time I sign this Agreement, and in consideration of the position of trust and confidence which I assume, I understand and agree to the following provisions for the protection of ST property rights:

CONFIDENTIAL INFORMATION

1. I will not use, publish or otherwise disclose to others, either during or after my employment with ST, except as my ST duties may specifically require, any information which I may originate or of which I may learn during such employment and which is of a confidential or secret nature, such as product, machine, process and systems development (whether or not capable of patent, trademark or copyright), manufacturing know-how and specifications, costs, prices, customer lists, customer requirements and usage, personnel policies and records of ST financial matters and records, and any other information relating to the business activities of ST.
2. Upon termination of my employment with ST, I will promptly deliver to a designated ST representative all documents and other records which relate to the business activities of ST and all materials which belong to ST.
3. I will not disclose to ST, or use in my work (a) any confidential information belonging to others, including my prior employers (unless written authorization is first obtained), or (b) any prior inventions made by me which ST is not otherwise entitled to learn of or to use.

INTELLECTUAL PROPERTY

- 4. I hereby assign to ST as its exclusive property the entire right, title and interest in all my inventions, innovations or ideas ("intellectual property"), developed or conceived by me, solely or jointly with others at any time during the term of my employment, whether on duty or off, and which intellectual property relates to the actual or anticipated business activities of ST, or result from, or are suggested by the work I do for ST.
- 5. I will make and maintain written records, including maintaining an engineering notebook, of all such intellectual property and promptly submit such records, and supplemental oral disclosures, to designated representatives of ST.
- 6. I will sign all instruments, and otherwise provide proper assistance, at ST's request and expense, whether during or after my employment by ST, to enable ST or its nominees to obtain patents, trademarks, copyrights and other legal protection for such intellectual property in any country.

EXCLUSIONS

- 7. I represent that I have attached to the Agreement a copy of any agreement (specifying the other contracting party or employer), date of agreement and date of employment (termination) which presently my ability to comply with the terms of this Agreement. IF THERE IS NO SUCH AGREEMENT, EMPLOYEE INITIAL HERE.
- 8. I wish to retain certain intellectual property rights; therefore, I further represent that the intellectual property listed on the page(s) which I have attached to this Agreement represents all of the inventions or other intellectual property which I have conceived and reduced to practice prior to my employment with ST. Such listed items are excluded from this Agreement. (A short description of the purpose of each excluded item may be included on the list, but no disclosure of any protected property should be made which would transfer confidential protected information to ST). IF THERE ARE NO SUCH INVENTIONS OR OTHER INTELLECTUAL PROPERTY TO BE EXCLUDED, EMPLOYEE INITIAL HERE.

GENERAL MATTERS

This agreement replaces or supplements, as the case may be, any existing employment agreement between ST and myself relating to confidential information and intellectual property.

This Agreement may not be modified except in writing by an executive officer of ST.

This agreement shall be binding on my heirs, personal representatives, legal representatives and assignees.

WITNESS: [Signature]

EMPLOYEE: [Signature]

DATE: 2/28/94

DATE: Feb 28, 1994

SOC. SEC. NO.: 165-62-3705

5-19-98

6

CERTIFICATE OF AMENDMENT
OF
RESTATED CERTIFICATE OF INCORPORATION

SGS-THOMSON Microelectronics, Inc., a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of said corporation, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Restated Certificate of Incorporation of said corporation:

RESOLVED, that the Restated Certificate of Incorporation of SGS-THOMSON Microelectronics, Inc. be amended by changing the First Article thereof so that, as amended, said Article shall be and read as follows:

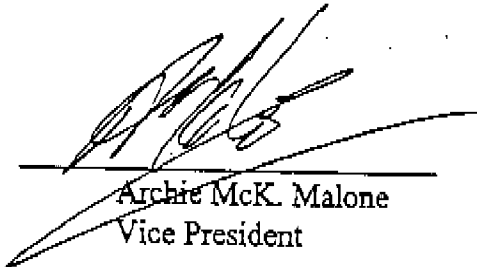
"FIRST: The name of the corporation is STMicroelectronics, Inc."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders have given written consent to said amendment in accordance with

the provisions of Section 228 of the General Corporation Law of the State of Delaware.


THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Section 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said SGS-THOMSON Microelectronics, Inc. has caused this certificate to be signed by Archie McK. Malone, its Vice President, and attested by Steven K. Rose, its Secretary, this 18th day of May, 1998.



Archie McK. Malone
Vice President

ATTEST:



Steven K. Rose
Secretary

Andrea Cuomo
SGS-Thomson Microelectronics
Dedicated Products Group
Marketing Development Manager
20041 Agrate Brianza - Italy
Via C Olivetti 2

Subject: Long Term Agreement

Hewlett-Packard ("HP") and SGS-THOMSON Microelectronics, NV acting in its own behalf and on behalf of its subsidiaries ("SGS-Thomson") have agreed to extend their strategic customer / supplier relationship. The parties acknowledge their intent to further develop and stabilize the business relationship between the companies to ensure future success in their respective markets.

Enclosed are two originals of Long Term Agreement ~~()~~ which have been signed on behalf of Hewlett-Packard Company and its subsidiaries ("HP"). A representative of your company needs to sign one copy and return it to the Procurement Specialist for Wafer Foundry set forth in Exhibit 1, within four weeks. Please keep the second copy for your files. Our agreement with you is as follows:

1) **PRODUCT SCOPE**

~~HP~~ This agreement covers the ~~HP~~ **SGS (9 Mask Level) Family of Six Inch Wafers ("Products")**. A complete list of these Products and their prices are provided in the attached, Exhibit 3. Additional Products may be added to this Agreement by an amendment, with mutual agreement by HP and SGS-Thomson.

2) **ADMINISTRATION AND NOTICES**

2.1 This Agreement is administered on behalf of HP. Any notice sent by SGS-Thomson pursuant to this Agreement is to be sent to the HP address specified in the General Provisions, Exhibit 1 of this Agreement and to the attention of the Procurement Specialist for Foundry Projects. Any notice by HP to SGS-Thomson hereunder shall be addressed to the SGS-Thomson General Counsel and the SGS-Thomson's Business Manager for HP, addresses specified in the General Provisions, Exhibit 1, or such other address as SGS-Thomson may designate in writing.

3) **PRECEDENCE**

3.1 The provisions of this Agreement and any attachments shall prevail over any conflicting terms in other procurement agreements which govern the HP/SGS-Thomson relationship with respect to the Products covered in Article 1.

COMPANY CONFIDENTIAL

Page 1

PATENT
REEL: 13633 FRAME: 0146

9.7 Recipient shall notify Discloser if it becomes aware of any inadvertent or other disclosure of Discloser's Confidential Information to any other company not authorized by Discloser to receive such information.

9.8 Recipient shall use the Confidential Information of Discloser for the benefit of Discloser and only for the purposes contemplated in this Agreement.

9.9 Upon termination of this Agreement, Recipient shall return, within thirty (30) days, all tangible Confidential Information of Discloser and copies thereof to Discloser, or, with Discloser's written permission, Recipient shall destroy and certify destruction of all tangible Confidential Information of Discloser and copies thereof.

9.10 The obligations of confidentiality for both parties shall survive termination of this Agreement or any extension or amendment thereof for a period of twenty (20) years from such date of termination.

10) WARRANTY

10.1 HP and SGS-Thomson warrant that they have the right to grant the licenses and rights set forth in this Agreement. Neither party assumes any obligation or responsibility for enforcement of any intellectual property rights against third parties. All items transferred under this Agreement, including HP's Technical Information, are provided "AS IS"; HP makes no warranty as to the accuracy, sufficiency, or suitability of HP's Technical Information, HP's Confidential Information or Technical Assistance provided under this Agreement.

11) INVENTION

11.1 The parties agree that all discoveries, improvements, inventions, maskworks, works of authorship, and trade secrets made in the performance of this Agreement by employees of either party shall be the sole and exclusive property of HP subject to the licenses granted in this Agreement, and HP shall retain any and all rights to file appropriate applications for intellectual property protection for such discoveries, improvements, inventions, maskworks, works of authorship, and trade secrets. SGS-Thomson shall timely communicate the existence of such discoveries, improvements, inventions, maskworks, works of authorship, and trade secrets to HP and SGS-Thomson shall, at its expense, cooperate fully with HP in securing appropriate intellectual property protection for HP. However, all expenses related to the preparation and application for protection and for subsequent issue and maintenance shall be borne by HP.

12) TECHNICAL ASSISTANCE

12.1 HP shall provide training and technical assistance to employees of SGS-Thomson ("Technical Assistance"), as needed and agreed to by both parties, at HP's facilities in Corvallis, Oregon USA and at SGS-Thomson's facilities at Carrollton, Texas. SGS-Thomson shall bear all expenses related to its employee travel and living costs to and in the USA; HP shall bear all expenses related to its employee travel and living costs to and in Carrollton, Texas.

26) SIGNATURE BOX

26.1 By signing and dating this document, the parties below indicate their agreement with and acceptance of the Agreement, including all exhibits.

Hewlett-Packard
Ink-Jet Supplies Business Unit

By: Greg Merten

Date: 3/15/95

Name: Greg Merten

Title: LIBU Manufacturing Operations Manager

SGS-Thomson Microelectronics

By: Aldo Romano

Date: 4/19/1995

Name: Aldo Romano

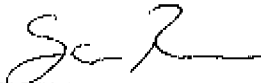
Title: Corporate Vice-President
Dedicated Products Group
General Manager

SECRETARY'S CERTIFICATE

I, Steven K. Rose, hereby certify that I am the duly elected, qualified, and acting Secretary of STMicroelectronics, Inc., a Delaware corporation ("ST"), and that as such I am authorized to execute this Certificate on behalf of ST, and further certify that the following statements are true and correct to the best of my knowledge:

1. Based on my review of ST's corporate records, since October 1987 through the present, the entity known as SGS-THOMSON MICROELECTRONICS, INC. has been a wholly owned subsidiary of SGS-THOMSON MICROELECTRONICS, NV. On or about May 19, 1998, the entity SGS-THOMSON MICROELECTRONICS, INC. changed its name to STMICROELECTRONICS, INC., and its parent company SGS-THOMSON MICROELECTRONICS, NV. changed its name to STMICROELECTRONICS, NV.

IN WITNESS WHEREOF, I have hereunto set my hand and seal of this Corporation, this the 23rd day of April, 2003.



 Steven K. Rose
 Secretary
 (SEAL)

STATE OF TEXAS
COUNTY OF DALLAS

Before me, the undersigned Notary Public in and for said County and State, on this day personally appeared Steven K. Rose, known to me to be the person and officer whose name is subscribed to the foregoing instrument and acknowledged to me that the same was the act of the said Corporation, and that he executed the same as the act of such Corporation for the purposes and consideration therein expressed, and in the capacity therein stated.

Given under my hand and seal of office this 23rd day of April, 2003.



 Notary Public



U S S N 10/055,161

China

DECLARATION

We hereby declare that Hewlett-Packard Company is the applicant in the Chinese Patent Application No. 02147052.9 filed on October 25, 2002. We confirm that the assignee indicated in the assignment contract between Hewlett-Packard Company and SGS-THOMSON Microelectronics, NV, namely Hewlett-Packard is identical to Hewlett-Packard Company.

Signature

Raymond Jenski
Hewlett-Packard Company

Legal Counsel

May 5, 2003
Date

Please notarize

State of Oregon)
) ss.:
County of Benton)

Before me this 5th day of May, 2003, personally appeared Raymond Jenski who is personally known to me or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument to be his free act and deed.

Trisha M. Melcher
Notary Public
My Commission expires: Sept. 26, 2004

