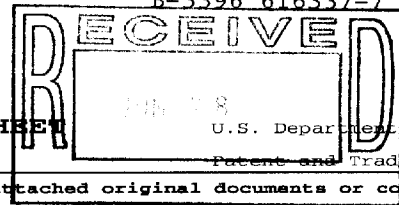


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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Hewlett-Packard Limited
Paul Marshall Charles

Additional name(s) of conveying parties attached? YES NO

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other Assignment by operation of law

Execution Date: April 28, 1999

2. Name and address of receiving parties:

Name: Hewlett-Packard Company

Internal Address: _____

Street Address: 3000 Hanover Street

City: Palo Alto State: California
 Zip: 94303-0890 Country: U.S.A.

Additional name(s) & address(es) attached? YES NO

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).: 09/015,010

B. Patent No(s).: _____

Additional numbers attached? YES NO

6. Total number of application and patents involved: 1

7. Total fee 937 CFR 3.41).....\$ 40.00 E

Enclosed

Any additional fees which may be required are

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Richard P. Berg [Signature] June 21, 1999
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06/29/1999 MTHAI1 00000209 09015010
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PATENT
REEL: 010054 FRAME: 0235

ASSIGNMENT

WHEREAS, Hewlett-Packard Limited (a British Company of Bracknell, England) is, by operation of Section 39 of the United Kingdom Patents Act of 1977 relating to employee inventions, the first owner of the invention entitled "Fabrication of semiconductor devices" devised by Paul Marshall Charles and subject of a patent application first filed before the European Patent Office on 31st January 1997 and numbered 97 300 645.5.

NOW, THEREFORE, in accordance with an agreement between Hewlett-Packard Limited and Hewlett-Packard Company (a Delaware corporation having its principal place of business in Palo Alto, California), Hewlett-Packard Limited hereby, in all non-European countries except for those countries or territories in which a granted European Patent (UK) or UK patent may be registered, assigns to Hewlett-Packard Company, its successors and assigns, the right of priority under the above identified Application and the right to file and prosecute an application for Letters Patent in each of these countries, including, in particular, the Application for United States Letters Patent entitled:

Fabrication of semiconductor devices


and executed by the inventors named below on the dates indicated:

executed by	Paul Marshall Charles	(1st inventor) on 8 th December 1997
executed by		(2nd inventor) on
executed by		(3rd inventor) on
executed by		(4th inventor) on
executed by		(5th inventor) on
executed by		(6th inventor) on

and the right to obtain Letters Patent in each of these countries and the right, title and interest in such Letters Patent to the extent agreed between Hewlett-Packard Limited and Hewlett-Packard Company.

IN WITNESS WHEREOF, this assignment is executed by a duly authorised representative of Hewlett-Packard Limited

Signed:



By:

Richard Anthony Lawrence

Title:

Patent Attorney

Date:

28 April 1999