

02-21-2008

EET 11/990394

07/PTO 13 FEB 2008

Our Ref.: SCS-550-1023



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Original documents or copy thereof.

To the Director of the U.S. Patent and Trad

1. Name of conveying party(ies):

- 1 Mrinmoy GHOSH
- 2 Emre ÖZER
- 3 Stuart David BILES

Additional name/s of conveying party/ies attached? ☐

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Assignment ☐ Change of Name  
☐ Other

Execution Date: February 29, 2006; February 27, 2006;  
and February 27, 2006, respectively.

2. Name and address of receiving party(ies):

1) Name: ARM LIMITED  
Street Address: 110 Fulbourn Road, Cherry Hinton,  
City: Cambridge  
State/Country: Great Britain Zip: CB1 9NJ

Additional name/s & address/es attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

☒ This assignment is being filed together with a new application.

A. Patent Application No(s).

- (1) To Be Assigned
- (2)
- (3)

B. Patent No(s).

- (1)
- (2)
- (3)

Additional numbers attached ☐ Yes ☒ No

5. Name and address of party to whom correspondence  
concerning document should be mailed:

Name: Stanley C. Spooner

Internal Address:

Street Address: Nixon & Vanderhye P.C.  
901 North Glebe Road  
11th Floor

City: Arlington State: VA Zip: 22203

6. Total number of applications & patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

- ☒ Enclosed  
☐ Authorized to be charged to deposit account #14-1140

8. The Commissioner is hereby authorized to charge any  
deficiency in the fee(s) filed, or asserted to be filed, or which  
should have been filed herewith (or with any paper thereafter  
filed in this application by this firm) to our Account No.  
14-1140.

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9. Statements 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.

Stanley C. Spooner  
Name of Person Signing  
Reg. No. 27,393

Signature

February 13, 2008  
Date

Total number of pages including original cover sheet, attachments, and document: [2]

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

02/14/2008 GFREY1 00000106 11990394

04 FC:8021 40.00 OP

11/990394

**ASSIGNMENT OF PATENT APPLICATION** **13 FEB 2008**

(Inventors)

**Mrinmoy Ghosh, an Indian subject of 31-Speedwell-Glose, Cambridge, CB1 9YS, United Kingdom**  
*505 McAt 505 Lucke Street, Atlanta GA- 30313, U.S.*  
**Emre Özer, a Turkish subject of 43 Fulbourn Old Drift Road, Cambridge, CB1 9ND, United Kingdom**  
**Stuart David Biles, a British subject of Green Ginger, The Green, Little Thurlow, Suffolk, CB9 7JH, United Kingdom**

(Assignee)

(Address)

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to  
ARM LIMITED a corporation of the United Kingdom  
Of 110 Fulbourn Road, Cherry Hinton, Cambridge, CB1 9NJ, United Kingdom  
(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions, and for all countries

(Other Countries)

(Title)

in the invention, and all application for patent and any Letters Patent which may be granted therefore, known as  
**Cache Miss Detection in a Data Processing Apparatus** (Case No. )  
for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date 24.02.06 Signature of inventor ( Mrinmoy Ghosh  
**Mrinmoy Ghosh**

Witnessed by: Atri Dutta Date 24.02.06

Date 27.02.06 Signature of inventor ( Emre Özer  
**Emre Özer**

Witnessed by: [Signature] Date 27/02/2006

Date 27.02.06 Signature of inventor ( Stuart David Biles  
**Stuart David Biles**

Witnessed by: Per Skid Date 27.02.06

**PATENT**

**RECORDED: 02/13/2008**

**REEL: 020574 FRAME: 0821**