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Our Ref.: 550-159

Commissioner of Patents and Trademarks Box Assignment, Washington, D.C. 20231 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): David John GWILT ARM LIMITED Andrew Christopher ROSE Name: Peter Guy MIDDLETON Internal Address: Street Address: 90 Fulbourn Road, Cherry Hinton David Michael BULL Additional name/s of conveying party/ies attached? 3. Nature of conveyance: City: Cambridge X Assignment State/Country: United Kingdom Merger Security Assignment Change of Name Zip: CB1 9JN Other Additional name/s & address/es attached? \(\subseteq \text{Yes} \) No **Execution Date:** September 13, 1999 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: September 13, 1999 A. Patent Application No(s). 09/401846 B. (1) (unassigned) (1)(2)(2)(3)(3) Additional numbers attached Yes No 5. Name and address of party to whom correspondence 6. Total number of applications & patents involved: concerning document should be mailed: 40.00 € 7. Total fee (37 CFR 3.41) Stanley C. Spooner □ Enclosed Authorized to be charged to deposit account #14-1140 Internal Address: 8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which Street Address: Nixon & Vanderhye P.C. 1100 North Glebe Road should have been filed herewith (or with any paper thereafter 8th Floor filed in this application by this firm) to our Account No. 22201 14-1140. Zip: City: Arlington State: VA DO NOT USE THIS SPACE 10/01/1999 the best of my depondent and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Statements and signature. 02 FC:581 September 29, 1999 Stanley C. Spooner Name of Person Signing **%**ignature Date Reg. No. 27,393 Total number of pages including **original** cover sheet, attachments, and document: [3]

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PATENT REEL: 010296 FRAME: 0412

ASSIGNMENT

FOR VALUE RECEIVED

We, David John Gwilt, a British subject of 59 Winfold Road, Waterbeach, Cambridge, CB5 9PR, Andrew Christopher Rose, a British subject of 69 Fulbourn Road, Cherry Hinton, Cambridge, CB1 9JL, Peter Guy Middleton, a British Subject of Grey Tiles, Church Walk, Littlebury, Saffron Walden, Essex, CB11 4TT and David Michael Bull, a British subject of 13 Trinity Close, Balsham, Cambridge, CB1 6DW

hereby sell, assign, transfer and convey unto

ARM LIMITED

a corporation of the United Kingdom

having a place of business at 90 Fulbourn Road, Cherry Hinton, Cambridge, CB1 9JN, United Kingdom (hereinafter called the "Assignee"), its successors, assigns and legal representatives, the entire right, title and interest, for all countries, in and to certain inventions relating to

Debugging Data Processing Systems

and described in an application for Letters Patent of the United States executed by us on 13/9/99

and in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues and extensions thereof, and all applications for Letters Patents which may be filed, and all Letters Patent which may be granted, upon said inventions in any countries foreign to the United States, and all reissues, renewals and extensions thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and all officials of countries foreign to the United States having authority so to do, to issue all Letters Patent upon said inventions to the Assignee, its successors, assigns or legal representatives or to such nominee as it may designate.

AND we authorize and enpower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right or priority without further written or oral authorization from us.

AND we hereby consent that copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any conventions which may henceforth be substituted for it.

AND we hereby covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith.

AND we hereby covenant and agree that we will communicate to said Assignee, its successors, assigns and legal representatives, all facts known to us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and in general perform all lawful acts necessary or proper to aid said Assignee, its successors, assigns and legal representatives or nominee in obtaining, maintaining and enforcing lawful patent protection for said inventions, in any and all countries.

IN WITNESS WHEREOF, we hereunto set our hand and seal this 13th day of Section 1999

David John Gwilt

Andrew Christopher Rose

Perer Guy Middleton

PATENT REEL: 010296 FRAME: 0413

Rand wilned. all David Michael Bull

Witness: Stoart Biles
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PATENT REEL: 010296 FRAME: 0414

RECORDED: 09/29/1999