



11-20-2002



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PATENTS ONLY

Our Ref.: 550-372

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.

<p>1. Name of conveying party(ies): Richard R. GRISENTHWAITE Ian V. DEVEREUX</p> <p><i>11-14-02</i></p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance:  <input checked="" type="checkbox"/> Assignment      <input type="checkbox"/> Merger  <input type="checkbox"/> Security Assignment      <input type="checkbox"/> Change of Name  <input type="checkbox"/> Other</p> <p>Execution Date: <u>September 16, 2002</u></p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>ARM LIMITED</u>  Internal Address: _____  Street Address: <u>110 Fulbourn Road, Cherry Hinton</u>  _____  _____  City: <u>Cambridge</u>  State/Country: <u>United Kingdom</u>  Zip: <u>CB1 9NJ</u></p> <p>Additional name/s &amp; address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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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: \_\_\_\_\_

<p>A. Patent Application No(s).  (1) 10/242,671  (2) <i>10/242,671</i>  (3) _____</p>	<p>B. Patent No(s).  (1) _____  (2) _____  (3) _____</p> <p>Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Stanley C. Spooner</u>  Internal Address: _____  Street Address: <u>Nixon &amp; Vanderhye P.C.</u>  <u>1100 North Glebe Road</u>  <u>8<sup>th</sup> Floor</u>  City: <u>Arlington</u> State: <u>VA</u> Zip: <u>22201</u></p>	<p>6. Total number of applications &amp; patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$ <u>40.00</u>  <input checked="" type="checkbox"/> Enclosed  <input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>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. <b>14-1140.</b></p>
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DO NOT USE THIS SPACE

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.

<p><u>Stanley C. Spooner</u>  Name of Person Signing  Reg. No. 27,393</p>	 Signature	<p><u>November 14, 2002</u>  Date</p>
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Total number of pages including original cover sheet, attachments, and document: [2]

# ASSIGNMENT

FOR VALUE RECEIVED

We, Richard Roy GRISENTHWAITE, a British subject of 2 Connor's Close, Guilden Morden, Nr Royston, Cambridgeshire, SG8 0PT, United Kingdom;  
and  
Ian Victor DEVEREUX, a British subject of 41 Cow Lane, Fulbourn, Cambridge, CB1 5HB, United Kingdom

hereby sell, assign, transfer and convey unto

## ARM LIMITED

a corporation of the United Kingdom

having a place of business at 110 Fulbourn Road, Cherry Hinton, Cambridge, CB1 9NJ, 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

### SYNCHRONISING PIPELINES IN A DATA PROCESSING APPARATUS

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

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.

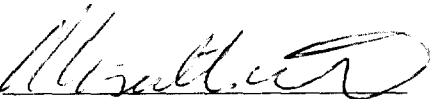
AND we authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention 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 16 day of September 2002

  
Richard Roy Grisenthwaite

  
Ian Victor Devereux

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