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12/18/2012



103652876

Our Ref.: SCS-550-1545

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <p>1 Matthew James HORSNELL 5</p> <p>2 Richard Roy GRISENTHWAITE 6</p> <p>3 Stuart David BILES 7</p> <p>4 Daniel KERSHAW 8</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date: October 1, 2012; October 5, 2012; October 1, 2012; November 1, 2012</p>	<p>2. Name and address of receiving party(ies):</p> <p>1) Name: ARM LIMITED</p> <p>Street Address: 110 Fulbourn Road, Cherry Hinton</p> <p>City: Cambridge</p> <p>State/Country: United Kingdom Zip: CB1 9NJ</p> <p>2) Name _____</p> <p>Street Address: _____</p> <p>City: _____</p> <p>State/Country: _____ Zip: _____</p> <p>Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>4. Application number(s) or patent number(s): <input type="checkbox"/> This assignment is being filed together with a new application.</p> <p>A. Patent Application No(s).</p> <p>(1) 13/627,209</p> <p>(2) _____</p> <p>(3) _____</p> <p>Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>B. Patent No(s).</p> <p>(1) _____</p> <p>(2) _____</p> <p>(3) _____</p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Stanley C. Spooner</p> <p>Internal Address: _____</p> <p>Street Address: Nixon & Vanderhye P.C.</p> <p>901 North Glebe Road</p> <p>11th Floor</p> <p>City: Arlington State: VA Zip: 22203</p>	<p>6. Total number of applications & patents involved: 1</p> <p>7. Total fee (37 CFR 3.41) \$ 40.00</p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> Authorized to be charged to Deposit Account No. 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 Deposit Account No. 14-1140.</p>

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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

December 13, 2012
Date

Total number of pages including original cover sheet, attachments, and document: [3]

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
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PATENT

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OCS-2092142

REEL: 029592 FRAME: 0312

ASSIGNMENT OF PATENT APPLICATION

(Inventors) Matthew James Horsnell, Richard Roy Grisenthwaite, Daniel Kershaw and Stuart David Biles
all C/O 110 Fulbourn Road, Cherry Hinton, Cambridge, CB1 9NJ, United Kingdom
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

(Assignee) ARM LIMITED a corporation of the United Kingdom
(Address) 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) in the invention, and all application for patent and any Letters Patent which may be granted therefore, known as

(Title) Cryptographic Support Instructions (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	<u>1 OCTOBER 2012</u>	Signature of inventor	(<u>M. J. Horsnell</u> Matthew James Horsnell
Date	<u>5 OCTOBER 2012</u>	Signature of inventor	(<u>Richard Roy Grisenthwaite</u> Richard Roy Grisenthwaite
Date	<u>1 OCTOBER 2012</u>	Signature of inventor	(<u>Stuart David Biles</u> Stuart David Biles
Date	_____	Signature of inventor	(_____ Daniel Kershaw

ASSIGNMENT OF PATENT APPLICATION

(Inventors) Matthew James Horsnell, Richard Roy Grisenthwaite, Daniel Kershaw and Stuart David Biles
all C/O 110 Fulbourn Road, Cherry Hinton, Cambridge, CB1 9NJ, United Kingdom
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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date _____	Signature of inventor	(_____ Matthew James Horsnell
Date _____	Signature of inventor	(_____ Richard Roy Grisenthwaite
Date _____	Signature of Inventor	(_____ Stuart David Biles
Date <u>1/11/2012</u>	Signature of Inventor	( Daniel Kershaw