



RECOF

01/14/2011



103615531

To the Director of the U S Patent and Trademark Office

... attached original documents or copy thereof

1. Name of conveying party(ies)

1 Jon Erik OTERHALS 5 Eivind LILAND

2 Daren CROXFORD 6

3 Lars ERICSSON 7

4 Jørn NYSTAD 8

2 Name and address of receiving party(ies)

1) Name: ARM LIMITED
Street Address 110 Fulbourn Road
City: Cambridge
State/Country: United Kingdom Zip: CB1 9NJ

Additional name/s of conveying party/ies attached?

3 Nature of conveyance:

Assignment Merger

Security Assignment Change of Name

Other

2) Name
Street Address:
City
State/Country Zip

Execution Date November 24, 2010; December 15,
2010; December 16, 2010,
December 15, 2010 & December 2,
2010

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) 12/923,518

(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

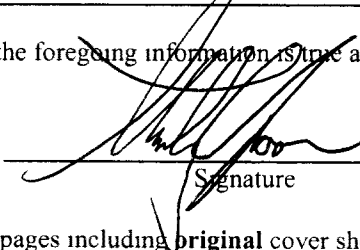
Authorized to be charged to deposit account #14-1140

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  January 11, 2011

Name of Person Signing Signature Date

Reg. No 27,393

Total number of pages including original cover sheet, attachments, and document [9]

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

01/12/2011 LNGUYEN1 00000023 12923518

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ASSIGNMENT

WHEREAS, Jon Erik OTERHALS, Daren CROXFORD, Lars ERICSSON, Jørn NYSTAD and Eivind LILAND, (hereinafter ASSIGNORS) of Johnny Peviks veg 29, Trondheim, Norway 7022; 2 Station Gate, Burwell, Cambridge, United Kingdom CB25 0BZ; 59 Ravensworth Gardens, Cambridge, United Kingdom CB1 2XN; Dyre Halses gate 11, Trondheim, Norway 7042 and Sonnenallee 78, Berlin, Germany 12045, respectively, have invented a certain improvement in GRAPHICS PROCESSING SYSTEM for which a so-entitled application for Letters Patent of the United States is being concurrently executed herewith; was filed in the United States Patent and Trademark Office on September 24, 2010 under Serial No. 12/923,518;

WHEREAS, ARM LIMITED (hereinafter ASSIGNEE), having an office and place of business at 110 Fulbourn Road, Cambridge, United Kingdom CB1 9NJ is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the ASSIGNORS by these presents hereby sell, assign, and transfer unto the ASSIGNEE, its successors, assigns, and legal representatives, the aforesaid application(s) and the full and exclusive right to the invention and improvements therein in the United States and all foreign countries, as described in the aforesaid application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-

American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any Letters Patent or Patents claiming priority from the aforesaid application to ASSIGNEE, for its interest as ASSIGNEE, for the sole use and behoof of ASSIGNEE, its successors, assigns, and legal representatives.

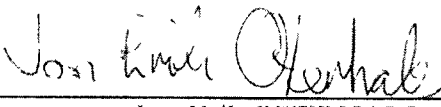
ASSIGNORS hereby agree to assist in the preparation of and hereby assign a like interest to said ASSIGNEE, its successors, assigns, and legal representatives, without further remuneration, any continuation, divisional, reissue, or foreign application claiming priority from the aforesaid application or otherwise growing out of or related to the invention; and to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives necessary to ASSIGNEE's full protection and title in and to the invention hereby transferred.

ASSIGNORS specifically agree, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention; and

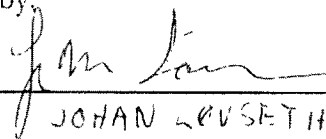
The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or

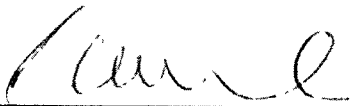
desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

AGREED and executed as noted below:

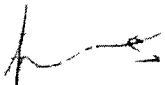
<u>2010.11.24</u> Date	 Jon Erik OTFRHALS
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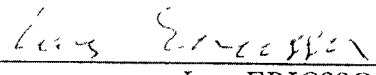
Witnessed by:

Name:  <u>JOHAN LEIVSETH</u>	Date: <u>2010 11.24</u>
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<u>2010/12/15</u> Date	 Daren CROXFORD
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Witnessed by:

Name:  <u>S L MAITURI</u>	Date: <u>2010/12/15</u>
--	-------------------------

<u>16/12/16</u> Date	 Lars ERICSSON
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Witnessed by:

Name:  <u>DAREN CROXFORD</u>	Date: <u>2010 / 11 / 16</u>
<hr/> Date	<hr/> Jørn NYSTAD

Witnessed by:

Name: _____	Date: _____
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2/12-2010

Date

Eivind Liland

Eivind LILAND

Witnessed by:

Name: Miriam Schmidtke

Date: 2/12-2010

ASSIGNMENT

WHEREAS, Jon Erik OTERHALS, Daren CROXFORD, Lars ERICSSON, Jørn NYSTAD and Eivind LILAND, (hereinafter ASSIGNORS) of Johnny Peviks veg 29, Trondheim, Norway 7022; 2 Station Gate, Burwell, Cambridge, United Kingdom CB25 0BZ; 59 Ravensworth Gardens, Cambridge, United Kingdom CB1 2XN; Dyrø Halses gate 11, Trondheim, Norway 7042 and Sonnenallee 78, Berlin, Germany 12045, respectively, have invented a certain improvement in GRAPHICS PROCESSING SYSTEM for which a so-entitled application for Letters Patent of the United States is being concurrently executed herewith; was filed in the United States Patent and Trademark Office on September 24, 2010 under Serial No. 12/923,518;

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ASSIGNORS hereby agree to assist in the preparation of and hereby assign a like interest to said ASSIGNEE, its successors, assigns, and legal representatives, without further remuneration, any continuation, divisional, reissue, or foreign application claiming priority from the aforesaid application or otherwise growing out of or related to the invention, and to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives necessary to ASSIGNEE's full protection and title in and to the invention hereby transferred.

ASSIGNORS specifically agree, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention; and

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.

AGREED and executed as noted below:

_____ Date _____ Jon Erik OTERHALS

Witnessed by:

Name: _____ Date: _____

_____ Date _____ Daren CROXFORD

Witnessed by:

Name: _____ Date: _____

_____ Date _____ Lars ERICSSON

Witnessed by:

Name: _____ Date: _____

15/12 - 2010 _____ Jørn Nystrad
Date Jørn NYSTAD

Witnessed by:

Name: Ederud Sjøvel Date: 15/12-2010

613-157

Date Eivind LILAND

Witnessed by

Name. _____ Date. _____