

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Gisle Dankel</td><td>01/24/2008</td></tr><tr><td>Geraint M. North</td><td>01/24/2008</td></tr><tr><td>Miles Philip Howson</td><td>01/24/2008</td></tr><tr><td>Gavin Barraclough</td><td>01/24/2008</td></tr></tbody></table>	Name	Execution Date	Gisle Dankel	01/24/2008	Geraint M. North	01/24/2008	Miles Philip Howson	01/24/2008	Gavin Barraclough	01/24/2008	
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Miles Philip Howson	01/24/2008										
Gavin Barraclough	01/24/2008										
RECEIVING PARTY DATA											
Name:	Transitive Limited										
Street Address:	40 Blackfriars Street, 2nd Floor										
Internal Address:	Maybrook House										
City:	Manchester										
State/Country:	UNITED KINGDOM										
Postal Code:	M3 2EG										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11986321</td></tr></tbody></table>	Property Type	Number	Application Number:	11986321							
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CORRESPONDENCE DATA											
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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NAME OF SUBMITTER:	Ronald R. Demsher										

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PATENT
REEL: 020523 FRAME: 0453

Total Attachments: 4

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PATENT

REEL: 020523 FRAME: 0454

ASSIGNMENT

WHEREAS, We, **Gisle Dankel**, a citizen of the Norway, residing at 9 Park Drive, Manchester, M16 0AF, United Kingdom; **Geraint M. North**, a citizen of the United Kingdom, residing at 17 Whiteholme Avenue, Manchester M21 7PH, United Kingdom; **Miles Philip Howson**, a citizen of the United Kingdom, residing at Flat 15 Hannah Lodge, 148 Palatine Road, Didsbury, Manchester M20 2QH, United Kingdom; and, **Gavin Barraclough**, a citizen of the United Kingdom, residing at Flat 125 Hill Quays, 1 Jordan Street, Manchester M15 4QX, United Kingdom are inventors of certain new and useful inventions and discoveries which are disclosed in a patent application entitled **Memory Consistency Protection in a Multiprocessor Computing System**, which provisional patent application was filed in the United States Patent and Trademark Office on **November 19, 2007**, and assigned **Application No. 11/986,321**; and

WHEREAS, **Transitive Limited**, a corporation organized and existing under and by the virtue of the laws of the United Kingdom, having a place of business located at Maybrook House, 40 Blackfriars Street, 2nd Floor, Manchester, M3 2EG, United Kingdom, together with its successors and assigns is hereinafter called "ASSIGNEE", is desirous of acquiring the title, rights and benefits, and privileges hereinafter recited.

NOW, THEREFORE, for and in consideration of good and valuable consideration furnished by ASSIGNEE to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

1. Assign, transfer, and convey to ASSIGNEE the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all utility, divisional, renewal, substitute, continuation, continuation-in-part, and convention applications based in whole, or in part, upon said inventions or discoveries, or upon said applications, and any and all Letters Patents, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon, or arise from, said inventions, said discoveries, said applications, and said Letters Patent;

2. Authorize ASSIGNEE to file patent applications in any or all countries on any or all of said inventions and discoveries in our name or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable, under International Conventions or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments throughout the world to issue or transfer all said Letters Patents to ASSIGNEE, as assignee of the entire right, title, and interest therein or otherwise as ASSIGNEE may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents, or any license to use the same, or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to ASSIGNEE without encumbrance;

5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon ASSIGNEE's request and at ASSIGNEE's expense, but without additional consideration to us or them, all acts reasonably serving to assure that said inventions and discoveries, said patent applications, and said Letters Patents shall be held and enjoyed by ASSIGNEE as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this Assignment had not been made; and particularly to execute and deliver to ASSIGNEE all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by ASSIGNEE; and to communicate to ASSIGNEE all facts known to us relating to said inventions and discoveries or the history thereof, and to testify as to the same in any court or proceeding; and to furnish ASSIGNEE any and all documents, photographs, models, samples, and other physical exhibits in my control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.


Signed at TRANSITIVE LTD, MANCHESTER, this 24th day of
January, 2008. M32EG


Signature of **Gisle Dankel**

Witness Statement

I, NEIL CAMPBELL, whose full post office address is 37
SIMMONDS LANE, GLOSSOP, SK13 6NR

state that I was personally present and did see **Gisle Dankel**, who is personally known to me to be the person named in the above assignment, duly sign and execute the same on the date set forth above.


(Signature of Witness)

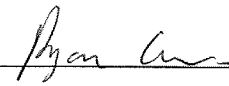
Signed at TRANSITIVE LIMITED, MANCHESTER, M3 2EG this 24TH day of
JANUARY, 2008.


Signature of **Geraint M. North**

Witness Statement

I, Ryan Cocks, whose full post office address is 156
Burnley Road, Todmorden. OL14 5LB.

state that I was personally present and did see **Geraint M. North**, who is personally known to me to be the person named in the above assignment, duly sign and execute the same on the date set forth above.


(Signature of Witness)

Signed at TRANSITIVE LTD, MANCHESTER, M3 2EG this 24TH day of
JANUARY, 2008.


Signature of **Miles Philip Howson**

Witness Statement

I, DANIEL OWEN, whose full post office address is 43
YORK STREET MACCLESFIELD CHESHIRE
SK10 1GG UK

state that I was personally present and did see **Miles Philip Howson**, who is personally known to me to be the person named in the above assignment, duly sign and execute the same on the date set forth above.


(Signature of Witness)

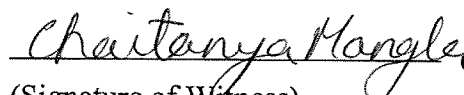
Signed at TRANSITIVE LTD, MANCHESTER, M3 2EG this 24TH day of
JANUARY, 2008.


Signature of **Gavin Barraclough**

Witness Statement

I, CHAITANYA MANGLA, whose full post office address is 209
THE HACIENDA, 15 WHITWORTH STREET WEST, MANCHESTER
M1 5DE, GB

state that I was personally present and did see **Gavin Barraclough**, who is personally known to me to be the person named in the above assignment, duly sign and execute the same on the date set forth above.


(Signature of Witness)