PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Longji Wang	11/17/2004

RECEIVING PARTY DATA

Name:	En-Hui Yang
Street Address:	203 Beaver Creek Road
City:	Waterloo
State/Country:	CANADA
Postal Code:	N2T2R8

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12491764

CORRESPONDENCE DATA

Fax Number: (416)361-1398

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 4163647311

Email: imcmillan@bereskinparr.com

Correspondent Name: BERESKIN AND PARR LLP/S.E.N.C.R.L.s.r.l.

Address Line 1: 40 KING STREET WEST
Address Line 4: TORONTO, CANADA M5H 3Y2

ATTORNEY DOCKET NUMBER: 12471-88

NAME OF SUBMITTER: | lan C. McMillan

Total Attachments: 2

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> PATENT REEL: 023037 FRAME: 0502

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WHEREAS LONGJI WANG and EN-HUI YANG, whose full post office addresses are, respectively, 207-170 Wissler Road, Waterloo, Ontario, N2K 2V1, Canada and 203 Beaver Creek Road, Waterloo, Ontario, N2T 2R8, Canada have invented certain new and useful improvements in a METHOD, SYSTEM AND COMPUTER PROGRAM PRODUCT FOR OPTIMIZATION OF DATA COMPRESSION for which an application for United States Letters Patent was filed on August 24, 2004 as serial No. 10/924,189.

AND WHEREAS, **EN-HUI YANG** has acquired from **LONGJI WANG**, the whole right, title and interest for the United States of America and all other countries in and to the said invention, and in and to any Letters Patent that may be obtained therefor, and in and to said application.

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of all of which is hereby acknowledged, I, LONGJI WANG, by these presents confirm that I have sold, assigned and transferred and do hereby sell, assign and transfer unto the said EN-HUI YANG, my entire right to the said invention in the United States of America and all other countries and my entire right, title and interest in and to any and all Letters Patent which may be granted therefor, and my entire right, title and interest in and to said application, and in and to any divisions, continuations, continuations—in—part and extensions of said application, together with the right to claim the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property based on said application for United States Letters Patent.

I agree that I will without further consideration do all such things and execute all such documents as may be necessary or desirable to obtain and maintain patents for said invention and for additions and modifications thereto in any and all countries, and to vest title thereto in said assignee, its successors, assigns and legal representatives or nominees.

PATENT REEL: 023037 FRAME: 0503 I hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said **EN-HUI YANG**, the assignee of the entire right, title and interest in and to the same, for his sole use and benefit, and for the use and benefit of his successors and assigns, to the full end of the term for which Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made.

The undersigned hereby grant(s) the firm of Bereskin & Parr (Box 401, 40 King Street West, Toronto, Ontario, Canada M5H 3Y2) 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 and Trademark Office for recordation of this document.

LONGJI WANG

PATENT REEL: 023037 FRAME: 0504

RECORDED: 07/31/2009