

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Wai Kuen Cham	01/13/2009
RECEIVING PARTY DATA	
Name:	The Chinese University of Hong Kong
Street Address:	Shatin, N.T.
City:	Hong Kong
State/Country:	CHINA
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13308129
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
Phone:	(858) 678-5070
Email:	apsi@fr.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Dan V. Vacar
Address Line 1:	FISH & RICHARDSON P.C.
Address Line 2:	P.O.BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	17329-0007002
NAME OF SUBMITTER:	Nancy Grant
Total Attachments: 4 source=17329-0007002assign#page1.tif source=17329-0007002assign#page2.tif source=17329-0007002assign#page3.tif source=17329-0007002assign#page4.tif	

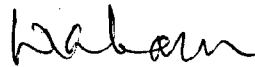
CH \$40.00 13308129

PATENT

ASSIGNMENT

For valuable consideration, I, Wai Kuen Cham, of Lot 1787, Tan Cheung, Sai Kung, N.T., Hong Kong China; hereby assign to THE CHINESE UNIVERSITY OF HONG KONG, a corporation of Hong Kong, China, having a place of business at Shatin, N.T., Hong Kong, China, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by me, entitled GENERATION OF AN ORDER-2N TRANSFORM FROM AN ORDER-N TRANSFORM, filed April 15, 2008, and assigned U.S. Serial Number 12/103,678, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE:

13/1/2009

WAI KUEN CHAM

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CONFIRMATORY ASSIGNMENT OF PATENT RIGHTS

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, on this 6th day of October, 2009, to ensure that the assignments made effective January 13, 2009 and filed with the United States Patent and Trademark Office, are completed, I [we], the undersigned inventor[s]:

Given Name:	CHAM, Wai Kuen		
Residence:	Lot. 1787, Tan Cheung, Sai Kung, N.T., Hong Kong	Citizenship:	HK.
Mailing Address:	Dept. of Electronic Engg. The Chinese University of H.K. Shatin, N.T., Hong Kong		

hereby sells, assigns, and transfers to The Chinese University of Hong Kong with an office at Shatin, N.T., Hong Kong, China ("*Assignee*"), the full extent of its right, title, and interest in and to any and all of the following (collectively, the "*Rights*"):

1. The provisional patent applications, patent applications and patents listed in the table below (the "*Patents*");
2. All inventions claimed or described in any or all of the Patents (collectively, the "*Inventions*");
3. All rights with respect to the Inventions, including all U.S. patents or other governmental grants or issuances that may be granted with respect to the Inventions or from any direct or indirect divisionals, continuations, continuations-in-part, or other patent applications claiming priority rights from the Patents ("*Potential Patents*");
4. All reissues, reexaminations, extensions, or registrations of the Patents or Potential Patents;
5. All non-United States patents, patent applications, and counterparts relating to any or all of the Inventions, the Application, the Patent, or Potential Patents, including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances ("*Foreign Rights*"), and including the right to file foreign applications directly in the name of Assignee, its successors and assigns;
6. The right to claim priority rights deriving from the Patents;
7. All causes of action and remedies related to any or all of the Patents, the Inventions, Potential Patents, or Foreign Rights (including, without limitation, the right to sue for past, present, or future infringement, misappropriation or violation of rights related to any of the

foregoing and the right to collect royalties and other payments under or on account of any of the foregoing); and

8. Any and all other rights and interests arising out of, in connection with, or in relation to the Patents, the Inventions, Potential Patents, or Foreign Rights.

<u>Patent or Application No.</u>	<u>Country</u>	<u>Filing Date</u>	<u>Title of Patent</u>
12/103,678	US	2008/4/15	Generation of an Order-2N Transform from an Order-N Transform

Assignor will not sign any writing or do any act conflicting with this Assignment, and, without further compensation, will sign all documents and do such additional acts as Assignee, its successors, legal representatives, and assigns deem necessary or desirable to perfect enjoyment of the Rights, conduct proceedings regarding the Rights (including any litigation or interference proceedings), or perfect or defend title to the Rights. Assignor requests the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models, or other governmental grants or issuances that may be granted upon any of the Rights in the name of the Assignee, as the assignee to the entire interest therein.

The terms and conditions of this Assignment will inure to the benefit of Assignee, its successors, legal representatives, and assigns and will be binding upon Assignor, its successors, legal representatives and assigns.

INVENTOR[S]:

Inventor's Name: CHAM, Wai Kuen

Inventor's Signature: Wai Kuen
(Signature MUST be attested)

ATTESTATION

The undersigned person witnessed the signature of CHAM, Wai Kuen to the above Assignment of Patent Rights and makes the following statements:

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
2. CHAM, Wai Kuen is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on this 6 day of Oct, 2011 to execute the above Assignment of Patent Rights.
3. CHAM, Wai Kuen subscribed to the above Assignment of Patent Rights.

I declare that the foregoing is true and correct.

EXECUTED on 6 Oct of (date)

Signature: Bruyle

Print Name: Billy CAM