

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
National University of Singapore	06/28/2004
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Agency for Science, Technology and Research
<b>Street Address:</b>	21 San Antonio
<b>Internal Address:</b>	#07-01 Centros
<b>City:</b>	Singapore
<b>State/Country:</b>	SINGAPORE
<b>Postal Code:</b>	138668
<b>PROPERTY NUMBERS Total: 3</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	09808716
Application Number:	09779200
Application Number:	10090370
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(949)640-6261
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	949-640-6261
<b>Email:</b>	Inginsberg@aol.com
<b>Correspondent Name:</b>	Lawrence N. Ginsberg
<b>Address Line 1:</b>	21 San Antonio
<b>Address Line 4:</b>	Newport Beach, CALIFORNIA 92660-9112
<b>NAME OF SUBMITTER:</b>	Lawrence N. Ginsberg
<b>Total Attachments: 2</b>	
source=Assign - Nation to ASTR 1217.P007-8-12#page1.tif	
source=Assign - Nation to ASTR 1217.P007-8-12#page2.tif	

OP \$120.00 09808716

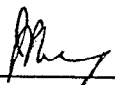
## ASSIGNMENT

We, the undersigned assignor, National University of Singapore, at the address of 10 Kent Ridge Crescent, Singapore hereby confirm that we have assigned all our rights, title and interests in and to the patent grants and pending patent applications listed in Schedule 1 absolutely to the undersigned assignee, Agency for Science, Technology and Research, at the address of 20 Biopolis Way, #07-01 Centros, Singapore 138668, by way of an assignment dated 15 March 2004 and effective as of 1 April 2003.


This confirmatory assignment is for the purpose of recordation.


Dated this 28 day of June 2004

Assignor: National University of Singapore  
(Print or type the name)

Signature:   
By: Professor Jacob Phang  
Director, INTRO

Assignee: Agency for Science, Technology and Research  
(Print or type the name)

Signature:   
By: Mr Suresan Sachi  
Director, Legal

  
Certified True Copy

YOONG HSIUN LEE  
SENIOR LEGAL COUNSEL  
AGENCY FOR SCIENCE, TECHNOLOGY & RESEARCH

30	Invention Title :	Method & Apparatus for reducing peak to average power ratio in a multi-carrier modulation communication system		
	Inventors :	Samir ATTALLAH, Karim ABED-MERAİM		
	Assignee :	National University of Singapore		
	a.	US Patent Application No. 09/779,200	filed on	February 7, 2001
	b.	PCT Patent Application No. PCT/SG02/00020	filed on	February 5, 2002
	c.	SG Patent Application No. 200304696-8	filed on	August 6, 2003

31	Invention Title :	Method & Apparatus for reducing Peak to average Power Ratio in a multi-carrier modulation communication system		
	Inventors :	Xian Bin WANG, Tjeng Thiang TJHUNG		
	Assignee :	National University of Singapore		
	a.	US Patent Application No. 09/808,716	filed on	March 14, 2001

40	Invention Title :	CDMA system with frequency domain equalization		
	Inventors :	Ying Chang LIANG, A.S. MADHUKUMAR, Francois Po Shin CHIN		
	Assignee :	National University of Singapore		
	a.	US Patent Application No. 10/090,370	filed on	March 4, 2002
	b.	PCT Patent Application No. PCT/SG03/00031	filed on	February 25, 2003