10-12-2001

Attorney Docket No. 020568-001600US

Form PTO-1595			- 	U.S. Department	of Commerce
(Rev. 03-01) OMB No. 0651-0027 (exp. 5/31/2002)	1 <u>01872</u> 3		U.S. Patent and Trademark		
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To the Honorable Commissi 1. Name of conveying party(ies):	ioner of Patents and Trademarks.			al documents or copy there ceiving party(ies)	of H
	[0]2[0]	2. Name an	u address or rec	eiving party(les)	, & =
Kay Soon Low	. (. (Name::N	<u>ational Universit</u>	y of Singapore	0
		Internal /	Address:		~ C
Additional name(s) of conveying parties at 3. Nature of conveyance:	ttached? 🛛 Yes 📋 No.	- Internal A			00
5. Nature of conveyance.		Street Ac	ldress: <u>10 Kent l</u>	Ridge Crescent	<u></u>
	☐ Merger	City:		Country: Singapore ZIP:	119260
☐ Security Agreement	☐ Change of Name				
Other:		Additional na	ames and addre	sses attached? Yes	⊠ No
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Execution Date: September 26, 2001			09/9703	386	
4. Application number(s) or patent nu	umber(s).		<u> </u>		
If this document is being filed toge September 27, 2001	ether with a new application, th	e execution da	ate of the applica	ation is: <u>September 26, 2</u>	2001 and
A. Patent Application No(s):		B. Pate	nt No(s):		
Additional numbers attached? ☐ Yes ☒ No					
5. Name and address of party to whom correspondence		6. Total nun	ber of application	ons and patents involved	1
concerning document should be					
Name: William E. Winters		7. Total fee	(37 CFR 3.41): -	\$ <u>40.00</u>	
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PATENT

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 Additional name(s) of conveying party(ies): (Continued from Page 1)

Kin Mun Lye Paul Kar Ming Ho

- Additional name(s) and address(es) of receiving party(ies): (Continued from Page 1)
- Additional application number(s) or patent number(s): (Continued from Page 1)
 - A. Patent Application No.(s)

B. Patent No.(s)

SF 1275951 v1

PATENT REEL: 012231 FRAME: 0821

Attorney Docket No.: 020568-001600US Client Reference No.: Patent No. 15

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Kay Soon Low of 20 Science Park Road #02-04/05 Teletech Park, Singapore Science Park II, 11674, Singapore; Kin Mun Lye of 335G Pasir Panjang Road, 118677, Singapore; Paul Kar Ming Ho of 107 Clement Road #10-05, Block F, 129790, Singapore; hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:

Method and Apparatus for Ultra Wide-Band Communication

System Using Multiple Detectors

Date(s) of Execution:

Filing Date:

Application No.:

WHEREAS, National University of Singapore located at 10 Kent Ridge Crescent, Singapore 11962, hereinafter referred to as "ASSIGNEE," is desirous of acquiring ASSIGNORS' interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignees, and Assignees' successors and assigns, all their right, title and interest in and to the said invention and application, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignees as fully and exclusively as it would have been held and enjoyed by said Assignors had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

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IN TESTIMONY WHEREOF, Assignors have staned their names on the dates indicated.

Dated: _

6/9/2001

lay Soon Low

Dated: 26/9/2001

26/9/2001

Kin Mun Lyc

Paul Kar Ming Ho

SF 1273340 v1

PATENT REEL: 012231 FRAME: 0823