#### 502094468 10/15/2012

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
Jitvanichphaibool KOMMATE	10/15/2012
Ying Chang LIANG	10/11/2012
Yong Hong ZENG	10/11/2012

### RECEIVING PARTY DATA

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State/Country:	SINGAPORE	
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## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13575360

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Total Attachments: 2

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PATENT REEL: 029128 FRAME: 0464 OP \$40.00 1357536

## 213/541US

	Assignment of invention	n and Patent Application
set over unto Agency for S	the undersigned inventors (he cience, Technology and Resea is (hereinafter ASSIGNEE) all	reinafter ASSIGNOR(s)), hereby sell, assign, transfer, an reh of the following:
(A) ASSIGNOR'S right, tit	lle and interest in and to the inv	vention entitled;
(B) the application for Uni	ited States patent therefor, sign	
	of any patent that may be grant	
(D) any applications which ASSIGNOR authorizes AS	h are continuations, continuations SIGNEE To enter the date of s also authorizes and requests the	ons-in-part, substitutes, or divisions of said application, signature and/or Serial Number and Filing Date in the ne Commissioner of Patents and Trademarks to issue any
and interest in and to said i conveys to ASSIGNEE all ASSIGNOR agrees to exec ASSIGNEE'S expense, as a resulting patent of the Unit	nvention in each and every cot priority rights resulting from the cute all papers, give any require ASSIGNEE may require to ena ted States and countries foreign	ets over unto ASSIGNEE, ASSIGNOR'S entire right, titlinitry foreign to the United States; and ASSIGNOR further he above-identified application for United States patent, and testimony and perform other fawful acts, at able ASSIGNEE to perfect ASSIGNEE'S interest in any a thereto, and to acquire, hold, enforce, convey, and uphoseof, and ASSIGNEE'S interest therein.
Date: 10/15/12	First Inventor	Jitvanichphaibaoi KOMMATE
Date:	Second Inventor	Ying Chang LIANG
Date:	Third Inventor	Yong Hong ZENG
Date:	Fourth Inventor	
Date:	Fifth Inventor	
Date:	Sixth Inventor	
Date:	Seventh Inventor	
Date:	Eighth Inventor	
Date:	Ninth Inventor	

Tenth Inventor

Date:

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#### Assignment of Invention and Patent Application

For value received, I (We), the undersigned inventors (hereinafter ASSIGNOR(s)), hereby sell, assign, transfer, and set over unto Agency for Science, Technology and Research and its successors or assigns (hereinafter ASSIGNBE) all of the following:

(A) ASSIGNOR'S right, title and interest in and to the invention entitled:

Method for Spectrum Sensing and Communication Device
invented by ASSIGNOR(s); Jitvanichphaibool KOMMATE, Ying Chang LIANG and Yong Hong ZENG

(B) the application for United States patent therefor, signed by ASSIGNOR,

[Included for Communication of the communication of t

(C) any patent or reissues of any patent that may be granted thereon; and

(D) any applications which are continuations, continuations-in-part, substitutes, or divisions of said application. ASSIGNOR authorizes ASSIGNEE To enter the date of signature and/or Serial Number and Filing Date in the spaces above. ASSIGNOR also authorizes and requests the Commissioner of Patents and Trademarks to issue any resulting patent(s) to ASSIGNEE.

ASSIGNOR hereby further sells, assigns, transfers, and sets over unto ASSIGNEE, ASSIGNOR'S entire right, title and interest in and to said invention in each and every country foreign to the United States; and ASSIGNOR further conveys to ASSIGNEE all priority rights resulting from the above-identified application for United States patent. ASSIGNOR agrees to execute all papers, give any required testimony and perform other lawful acts, at ASSIGNEE'S expense, as ASSIGNEE may require to enable ASSIGNEE to perfect ASSIGNEE'S interest in any resulting patent of the United States and countries foreign thereto, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues and extensions thereof, and ASSIGNEE'S interest therein.

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Date:	First Inventor	The Late of Tools of the Tools
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Date: 11/10/2012	Third Inventor	
		Yong Hong ZENG
Date:	Fourth Inventor	
Date:	Fifth Inventor	<del>depth and a second and a second as a seco</del>
Date:	Sixth Inventor	
Date:	Seventh Inventor	
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