

07-14-2004



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Form PTO-1595

(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

## RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE  
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7.12.04 PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

## 1. Name of conveying party(ies):

Cheong-Yui Wong (04/27/2004), Vincent Lau (04/27/2004), Soung C. Liew (04/29/2004), and Piu B. Wong (04/27/2004)

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

## 3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: see Box 1, conveying parties

## 2. Name and address of receiving party(ies)

Name: Hong Kong Applied Science and Technology Research Institute Co., Ltd.

Internal Address:

Street Address:

18/F, Tower 6 Gateway  
9 Canton Road, Tsimshatsui  
Kowloon  
HONG KONG, CHINA

City:

State:

Zip:

Additional name(s) &amp; address(es) attached:

☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the new application is:

A. Patent Application No.(s):

10/833,626

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: R. Ross Viguet

FULBRIGHT &amp; JAWORSKI L.L.P.

Internal Address: Atty. Dkt.: 64032/P017US/10405107

Street Address:

2200 Ross Avenue, Suite 2800

City:  
DallasState:  
TXZip:  
75201-2784

## 6. Total number of applications and patents involved:

1

## 7. Total fee (37 CFR 3.41)

\$ 40.00

☒ Enclosed☐ Authorized to be charged to deposit account☐ Authorized to be charged to credit card  
(Form 2038 enclosed)

## 8. Deposit account number:

06-2380

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Jerry L. Mahurin - 34,661

Name of Person Signing

Signature

July 9, 2004

Date

Total number of pages including cover sheet, attachments, and documents: 8

## Recordation Form Cover Sheet

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Assignment Recordation Services, Director of the US Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: July 9, 2004

Signature:

(Lisa deCordova)

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PATENT  
REEL: 015550 FRAME: 0900

## ASSIGNMENT BY INVENTORS

**THIS ASSIGNMENT**, made by Cheong-Yui Wong, Vincent Lau, Soung C. Liew and Piu Bill Wong (hereinafter referred to as Assignors), residing at Hong Kong applied Science and Technology Research Institute Company Limited, 18<sup>th</sup> Floor, Tower 6 Gateway, 9 Canton Road, Hong Kong, CHINA; Department of Electrical and Electronic Engineering, The University of Hong Kong, Pokfulam Road, Hong Kong, CHINA; Residence 12, Flat 5A, The Chinese University of Hong Kong, Hong Kong, CHINA; and 17B Tower II, Regent on the Park, 9A Kennedy Road, Hong Kong, CHINA, respectively;

**WHEREAS**, Assignors have invented certain new and useful improvements in SYSTEMS AND METHODS FOR WIRELESS NETWORK RANGE EXTENSION, set forth in a Patent application for Letters Patent of the United States, filed herewith; and

**WHEREAS**, Hong Kong Applied Science and Technology Research Institute Co., Ltd., a Limited Liability Company organized under and pursuant to the laws of Hong Kong, China having its principal place of business at 18/F, Tower 6 Gateway, 9 Canton Road, Tsimshatsui, Kowloon, HONG KONG, CHINA (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be

granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

**AND** for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

**AND** Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

**AND** Assignors hereby grant the following individuals 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:

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All practitioners at Customer Number 000029053

**AND** Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: 27-4-2004

C. W.  
Cheong-Yui Wong

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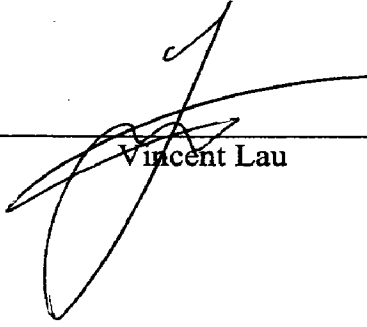
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**PATENT**  
**REEL: 015550 FRAME: 0904**

Date:

27/4/2004

  
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Vincent Lau

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**PATENT**  
**REEL: 015550 FRAME: 0905**

Date:

29/4/04



Soung C. Liew

25408926.1

Date:

27/8/04

Pui Bill Wong  
Pui Bill Wong

25408926.1

RECORDED: 07/12/2004

PATENT  
REEL: 015550 FRAME: 0907