

06-21-2004

ASSIGNMENT



102771643

EET

15535 U.S. PTO
10/865256
060904

Commissioner of Patents:

6.9.04

Please record the attached document.

1. Name of conveying party:
 - a) Jacky S. CHOW
 - b) Pak Hei Matthew LEUNG
 - c) King-Fuk LUK
 - d) Nicholas Phillip SANDS
 - e) Eugene Yuk-Yin TANG
2. Name and address of receiving party:
 - a) Name: Hong Kong Applied Science and Technology Research Institute Co., Ltd.
Address: 18/F, Tower 6 Gateway
9 Canton Road
Tsimshatsui, Kowloon
Hong Kong, PRC

3. Nature of conveyance:
- | | | | |
|-------------------------------------|--------------------|--------------------------|-------------------|
| <input checked="" type="checkbox"/> | Assignment | <input type="checkbox"/> | Merger |
| <input type="checkbox"/> | Security Agreement | <input type="checkbox"/> | Change of Name |
| <input type="checkbox"/> | Other _____ | <input type="checkbox"/> | License Agreement |

Execution Date: May 19, 2004; May 19, 2004; May 19, 2004; May 20, 2004; May 19, 2004

4. Application Number or Patent Number: Not yet assigned

10865256

The title of the application is:
TRAINING SEQUENCE FOR SYMBOL BOUNDARY DETECTION IN A MULTICARRIER
DATA TRANSMISSION SYSTEM

5. Please send all correspondence concerning this document to:

Beyer Weaver & Thomas, LLP
P.O. Box 778
Berkeley, CA 94704-0778
Ph: (650) 961-8300
Customer Number: 022434

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed.
☒ Any additional fees are authorized to be charged to Deposit Account No. 500388
(Order No. AST1P001).

Date: June 9, 2004

C. Douglass Thomas
Registration No. 32,947

Total number of pages including this cover sheet, attachments and documents: 4

015465 00003001 10865256

40.00 00

Attorney Docket No. AST1P001

(Revised 9/03)

PATENT
REEL: 015465 FRAME: 0625

ASSIGNMENT BY INVENTOR

np 5/20/at
THIS ASSIGNMENT, by Jacky S. Chow, Pak Hei Matthew Leung, King-Fuk Luk, Nicolas Philip Sands and Eugene Yuk-Yin Tang (hereinafter referred to as Assignor), residing at P.O. Box 390339, Mountain View, California, 94039, UNITED STATES OF AMERICA; Flat A, 12/F, Block 11, Royal Ascot, 1 Tsun King Road, Shatin, N.T., Hong Kong, PEOPLE'S REPUBLIC OF CHINA; 27A, Block 6, Villa Athena, 600 Sai Sha Road, Ma On Shan, N.T., Hong Kong, PEOPLE'S REPUBLIC OF CHINA, 111 Pope Street, Menlo Park, CA 94025; and 96 Strathearn Ave., Richmond Hill, Ontario, L4B 2J7, CANADA, respectively.

WHEREAS, Assignor has invented certain new and useful improvements in **TRAINING SEQUENCE FOR SYMBOL BOUNDARY DETECTION IN A MULTICARRIER DATA TRANSMISSION SYSTEM**, and

☒ set forth in a Utility application for Letters Patent of the United States for which I have executed a U.S. patent application on even date herewith. (Accompanying)

☐ set forth in a Utility application for Letters Patent of the United States which bears U.S. Application No. _____. (Not accompanying)

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, People's Republic of China, having its principal place of business at 18/F, Tower 6 Gateway, 9 Canton Road, Tsimshatsui, Kowloon, Hong Kong, People's Republic Of 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, Assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto Assignee, its successors, legal

AST1P001

-1-

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 Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants 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, Assignor is 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 Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor 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 Provisional 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.

AST1P001

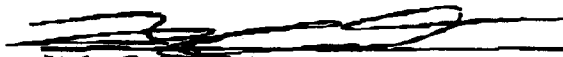
-2-

AND Assignor hereby requests 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 Assignor hereby grants BEYER WEAVER & THOMAS, LLP and all practitioners associated with Customer Number 22434 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:

AND Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.


Date: May 19, 2004


Jacky S. CHOW

Date: May 19, 2004


Pak Hei Matthew LEUNG

Date: May 19, 2004


King-Fuk LUK

Date: May 20th 2004


Nicolas Philip SANDS

nps 5/20/04

Date: May 19, 2004


Eugene Yui-Yin TANG