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OMB No. 0651-0027 (exp. 6/30/2005)

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

1. Name of conveying party(ies): Siew Kok HUI Kok Heng LOH Boon Teck PANG Khoon Seong LIM Additional name(s) of conveying party(ies) attached? Yes No

7-15-04

2. Name and address of receiving party(ies) Name: BITwave Pte Ltd Internal Address: N/A

3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other

Street Address: 2 Ang Mo Kio Ave 12

City: Singapore State: Zip: 569707

Execution Date: 1 Jul04/ 30 Jun04/ 30 Jun04/ 28 Jun04

Additional name(s) & 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 application is: A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? Yes No

10891120

5. Name and address of party to whom correspondence concerning document should be mailed: Name: GEORGE D. LIU Internal Address: N/A Street Address: 2101 CRYSTAL PLAZA ARC, PMB 400 City: ARLINGTON State: VA Zip: 22202

6. Total number of applications and patents involved: []

7. Total fee (37 CFR 3.41).....\$ 40.00 [X] Enclosed [] Authorized to be charged to deposit account

8. Deposit account number:

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9. Signature. GEORGE D. LIU Name of Person Signing

[Signature] Signature

15 July 2004 Date

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

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ASSIGNMENT OF INVENTION

In consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for the other good and valuable consideration,

ASSIGNORS:

Slew Kok HUI
c/o BITwave Pte Ltd, 2 Ang Mo Kio Ave 12, Singapore 569707

Kok Heng LOH
c/o BITwave Pte Ltd, 2 Ang Mo Kio Ave 12, Singapore 569707

Boon Teck PANG
c/o BITwave Pte Ltd, 2 Ang Mo Kio Ave 12, Singapore 569707

Khoon Seong LIM
c/o BITwave Pte Ltd, 2 Ang Mo Kio Ave 12, Singapore 569707

hereby sell, assign and transfer to

ASSIGNEES:

BITwave Pte Ltd
2 Ang Mo Kio Ave 12, Singapore 569707

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to all improvements which are disclosed in the invention entitled:

SIGNAL PROCESSING APPARATUS AND METHOD FOR REDUCING NOISE INTERFERENCE IN SPEECH COMMUNICATION AND SPEECH RECOGNITION

which has been executed by the undersigned concurrently herewith

which was filed on _____ and assigned Serial No. _____

and, in and to all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, substitute, reissue or re-examination thereof.

1119.P002US/ADR/ayu

PATENT
REEL: 015679 FRAME: 0768

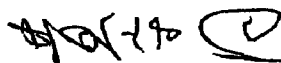
ASSIGNOR hereby covenants that no assignment, sale agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We hereunto set hand and seal

01 JUL 2004

Date



Siew Kok HUI

30 / 6 / 2004

Date



Kok Heng LOH

30 / 6 / 2004

Date



Boon Teck PANG

28 / 6 / 2004

Date



Khoon Seong LIM

1119.P002US/ADR/ayu