| FORM PTO - 1595 RI<br>1-31-92                                                                                                                                                          | RECORDATION FORM COVER SHEET U.S. DEPARTMENT OF COMMERCE<br>Patent and Tradomarks Office |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--|
| 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):<br>Tet Hin Yeap and David Kenneth Fenton                                                                                                               | 2. Name and address of receiving party(ies):<br>Name: University of Ottawa               |  |
| Additional name(s) of conveying party(ics) attached<br>No                                                                                                                              |                                                                                          |  |
| 3. Nature of conveyance:                                                                                                                                                               | Street Address: 550 Cumberland Street                                                    |  |
| 🛛 Assignment 🛛 Merger                                                                                                                                                                  |                                                                                          |  |
| Security Agreement Change of Name                                                                                                                                                      | City: Ottawa State: Ontario, Canada ZIP:K1N 6N5                                          |  |
| C Other                                                                                                                                                                                | Additional Name(s) & address(es) attached? 🛛 Yes 🛛 No                                    |  |
| Execution Date: August 3, 2000                                                                                                                                                         |                                                                                          |  |
| <ul> <li>Application number(s) or patent number(s):</li> <li>If this document is being filed together with a new application, the execution date of the application is:</li> </ul>     |                                                                                          |  |
| A. Patent Application No.(s)<br>09/873,445                                                                                                                                             | B. Patent No.(s)                                                                         |  |
| Additional numbers attached? 🗖 Yes 🛛 No                                                                                                                                                |                                                                                          |  |
| <ol> <li>Name and address of party to whom correction concerning document should be mailed:</li> </ol>                                                                                 | spondence 6. Total number of applications and patents involved: one                      |  |
| Name: Thomas Adams                                                                                                                                                                     |                                                                                          |  |
| Internal Address: Adams Cassan Maclean                                                                                                                                                 | 7. Total fee (37 CFR 3.41)                                                               |  |
| Box 11100, Station H, Ott.                                                                                                                                                             | awa, 🖵 Enclosed:                                                                         |  |
| Ontario, Canada K2H 7T8                                                                                                                                                                | Any deficiency authorized to be charged to deposit account                               |  |
| Street Address:                                                                                                                                                                        | Authorized to be charged to deposit account                                              |  |
| City: State: ZIP:                                                                                                                                                                      | 8. Deposit account number:<br>20-0771                                                    |  |
|                                                                                                                                                                                        | (Attach duplicate copy of this page if paying by deposit account)                        |  |
| DO NOT USE THIS SPACE                                                                                                                                                                  |                                                                                          |  |
| 9. STATEMENT AND SIGNATURE.<br>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<br>original document. |                                                                                          |  |
| MAN                                                                                                                                                                                    |                                                                                          |  |
| Thomas Adams . Adams 4- Last- 01                                                                                                                                                       |                                                                                          |  |
| Name of Person Signing Signature Date                                                                                                                                                  |                                                                                          |  |
| OMB No. 0651 - 0011 (exp 4/94)                                                                                                                                                         |                                                                                          |  |
|                                                                                                                                                                                        |                                                                                          |  |

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## ASSIGNMENT (All rights, all countries)

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, each undersigned inventor does hereby confirm his sale, assignment, transfer and setting over, and does hereby sell, assign, transfer and set over to:

## UNIVERSITY OF OTTAWA

(Assignee),

hereafter referred to as the "Assignce" whose full post office address is:

#### 550 CUMBERLAND STREET, OTTAWA, ONTARIO, CANADA K1N 6N5

its successors, assigns and legal representatives, his entire right, title and interest, including priority rights, for all countries in and to an invention relating to

# **RFI CANCELLER USING NARROWBAND AND WIDEBAND** NOISE ESTIMATORS

as fully set forth and described in an application for Letters Patent of Canada

- executed concurrently herewith
- executed on
- X Application No. 2,311,081, filed June 9, 2000

together with his entire right, title and interest in and to any and all Letters Patent which may issue or be re-issued for said invention to the full end of the term for which each said Letters Patent may be granted:

AND hereby authorizes the issuance to said Assignee of any and all said Letters Patent not already issued as the assignce of his entire right, title and interest in and to the same, for the sole use and benefit of said assignee, its successors, assigns or legal representatives:

AND on behalf of himself and his executors and administrators, hereby covenants and agrees to do all such lawful acts and things and to execute without further consideration such further lawful assignments, documents, assurances, applications, and other instruments as may reasonably be required by said Assignee, its successors, assigns or legal representatives, to obtain any and all Letters Patent, in any country, for said invention and vest the same in said Assignee, its successors, assigns or legal representatives.

Mar 4 JL Witness' Signature

WA, HUNG Lo Witness' Name

Witness' Signature WALHING LD Witness' Name

† TYPE NAME OF ASSIGNOR UNDER SIGNATURE

| EXECUTED AT              |      |
|--------------------------|------|
| THIS 3rd DAY OF August   | 2000 |
|                          |      |
| INVENTOR 1. Pot Hin Veap |      |
|                          |      |
| EXECUTED AT              |      |
| THIS 3rd DAY OF AUGUST   | 2000 |
|                          |      |

PATENT AP680/ASSIGN/ALL REEL: 011970 FRAME: 0561

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re patent application of<br>Tet Hin Yeap and David Kenneth Fenton | CASE NO. AP794US     |  |
|----------------------------------------------------------------------|----------------------|--|
| Serial No: 09/873,445                                                | Group Art Unit: 2817 |  |
| Filed: June 5, 2001                                                  | Examiner: N/A        |  |
| For: RFI Canceller Using Narrowband and Wideband Noise Estimators    |                      |  |

## FILING OF ASSIGNMENT

BY FAX: 703 306 5995

Commissioner of Patents and Trademarks Washington, D.C., 20231

Sir:

Kindly record the enclosed assignment document transferring the rights in the aboveidentified patent application from the inventors to the University of Ottawa.

Please deduct the total fee of \$40,00 from our Deposit Account No. 20-0771, Although this amount is believed to be correct, if it is not, the Commissioner is hereby authorized to deduct the correct amount.

Respectfully submitted,

lamo

Thomas Adams Reg. No. 31078

Adams Cassan Maclean Box 11100, Station H Ottawa, Ontario K2H 7T8 Tel: (613) 828 0012 Fax: (613) 828 0024

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, Fax No. (703) 306 5995 on the date shown below.

18th Dept '01 Indams

Thomas Adams

PATENT REEL: 011970 FRAME: 0562

**RECORDED: 09/18/2001**