

S-2799



06-04-1999

Attorney Docket No: ATC-106



101054422

SHEET
ATENT

To the Hon. Commissioner of Patents and Trademarks:

Please record the enclosed copy of an assignment document. Relevant assignment data are as follows:

1. Assignors:

Piu Bill Wong
25 Poncetta Drive, Apt. 218
Daly City, CA 94015

Shimon B. Scherzer
1648 Mariani Dr.
Sunnyvale, CA 94087

2. Assignee:

Adaptive Telecom, Inc.
1684 Dell Avenue
Campbell, CA 95008

3. Execution Date of Assignment of Entire Interest in Patent Application: **14 May 1999**

4. Execution Date of Declaration for Patent Application: **14 May 1999**

4A. Patent Application No.: **09/289,774**

4B. Patent Number:

5. Correspondence address: Thomas J. McFarlane
LUMEN
426 Lowell Avenue
Palo Alto, CA 94301

6. Total Number of applications and Patents involved: 1

7. Total fee (37 CFR 3.41): \$40

8. Statement and signature:

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

Thomas J. McFarlane
Thomas J. McFarlane
Reg. No. 39,299

Date: *5/24/99*
telephone: (650) 321-6630

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

05/24/1999 VMM:LL 09289774 40.00 BP
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ASSIGNMENT

THIS ASSIGNMENT, by

PIU BILL WONG AND SHIMON B. SCHERZER

(hereinafter referred to as the Assignor(s)), residing at Daly City, CA and **Sunnyvale, California** witnesseth:

WHEREAS, said Assignors has invented certain new and useful improvements in

**DOWNLINK BEAMFORMING USING BEAM SWEEPING AND
SUBSCRIBER FEEDBACK**

for which application 09/289,774 for Letters Patent was filed on 4/8/99

WHEREAS,

Adaptive Telecom, Inc.

(hereinafter referred to as the Assignee), a body having corporate powers under the laws of the state of **CALIFORNIA, CAMPBELL, CALIFORNIA 95008**, is desirous of obtaining the entire right, title and interest in and to said inventions and said application for Letters Patent, and in and to any Letters Patent, United States or foreign, to be obtained therefor and thereon;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and sufficient considerations, the receipt of which is hereby acknowledged:

1. The Assignors have sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over unto said Assignee, the entire right, title and interest in, to and under: said inventions; said application for Letters Patent; any Letters Patent which may be granted for said inventions in the United States of America and any foreign country; any division, continuation, and continuation-in-part of said application; any reissue or extension of said Letters Patent; and all rights under the International Convention for the Protection of Industrial Property; said right, title and interest to be held and enjoyed by said Assignee for its own use and behoof to the full end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors, had this sale and assignment not been made.

2. Said Assignors hereby warrant and represent that, at the time of execution and delivery of these presents, said Assignors is the sole and lawful owner of the entire right, title and interest in and to said inventions and said application for Letters Patent, and that the same has not entered into any assignment, contract or understanding in conflict herewith.

3. Said Assignors hereby covenant and agree to assist and cooperate with said Assignee, whereby said Assignee may enjoy to the fullest extent said right, title and interest herein conveyed, provided, however, that the entire expense which may be incurred by said Assignors in lending such assistance and cooperation be paid by Assignee. Such cooperation shall include: (a) prompt execution of all papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee to perfect said right, title and interest herein conveyed, (b) prompt execution of all petitions, oaths, specifications, declarations and other papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee for filing or prosecuting in the United States or any foreign country said application, any application which is a division, continuation, or continuation-in-part of said application, any reissue application for any Letters

Patent granted on said application, or for any interference proceeding involving said application or Letters Patent granted thereon; and (c) prompt assistance and cooperation in the prosecution of all legal proceedings involving said inventions, said application, or Letters Patent granted thereon, including oppositions, cancellation proceedings, priority contests, public use proceedings and court actions.

4. The terms, covenants and conditions of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and/or other legal representatives, and shall be binding upon said Assignors, his heirs, legal representatives and assigns.

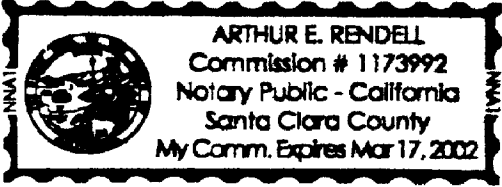
5. Said Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to said Assignee as the assignee of said inventions.

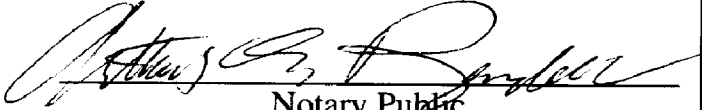
IN WITNESS WHEREOF said Assignors have executed and delivered this instrument on the date noted below.

Date: 5/14/99 _____
Shimon B. Scherzer

State: CALIFORNIA County: SANTA CLARA

Subscribed and sworn to before me on this 14TH day of MAY, 1999

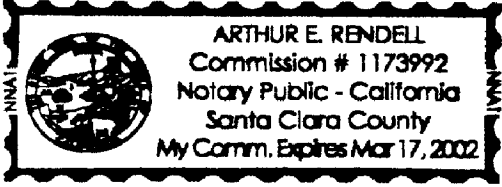


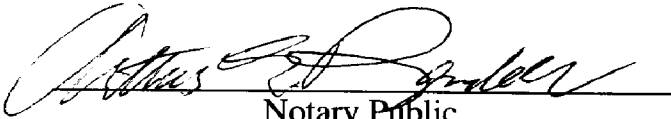

Notary Public

Date: 5/14/99 _____
Piu Bill Wong

State: CALIFORNIA County: SANTA CLARA

Subscribed and sworn to before me on this 14TH day of MAY, 1999




Notary Public