

12-30-1998

cket No. 015685-002100US



100932035

FORM PTO-1595 (Rev. 6-93)

U.S. Department of Commerce Patent and Trademark Office

To the Honorable Asst. Commissioner for Patents. Please

or copy thereof

1. Name of conveying party(ies):

Alain M. Chiodini
Paul Petrus
Mitchell D. Trott
David M. Parish
Michael Youssefmir
Dov Rosenfeld

11-16-98

Additional name(s) of conveying parties attached? Yes
 No.

2. Name and address of receiving party(ies)

Name: Arraycomm, Inc.
Internal Address:
Street Address: 3141 Zanker Road

City: San Jose State: CA ZIP: 95134

Additional names and addresses attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other:

Execution Date: November 4, 1998

4. Application Number(s) or Patent Numbers.

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

A. Patent Application No(s): 09/153,110 B. Patent No(s):

Additional numbers attached? Yes No

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

Name:
TOWNSEND AND TOWNSEND AND CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
(650) 326-2400

6. Total number of applications and patents involved 1

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

Enclosed Charge Fees to Deposit Account

Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account.

8. Deposit account number: 20-1430

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9. Statement and signature.

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

Henry K. Woodward
Name of Person Signing

Signature: *Henry K. Woodward* Date: 11/11/98

Atty Reg. No. 22,672 Total number of pages including cover sheet, attachments and document 5

10. Change Correspondence Address to that of Part 5? Yes No

OMB No. 0651-0011 (exp. 4/94)

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Mail documents to be recorded with required cover to:

Asst. Commissioner for Patents
Box: Assignments
Washington, D.C. 20231

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Alain M. Chiodini, of 2134 Jardin Drive, Mountain View, CA 94040, Paul Petrus, of 555 E. Washington Avenue, #1503, Sunnyvale, CA 94086, Mitchell D Trott, of 318 Central Avenue, Mountain View, CA 94043, , David M. Parish, of 614 Torwood Lane, Los Altos, CA 94022, Michael Youssefmir, of 679 Stanford Avenue, Palo Alto, CA 94306, Dov Rosenfeld, of 5566 Lawton Avenue, Oakland, CA 94618, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: METHOD FOR REFERENCE SIGNAL
GENERATION IN THE PRESENCE OF
FREQUENCY OFFSETS IN A
COMMUNICATIONS STATION WITH
SPATIAL PROCESSING

Date(s) of execution of Declaration: _____

Filing Date: September 15, 1998

Application No.: 09/153,110; and

WHEREAS, ArrayComm, Inc., located at 3141 Zanker Road, San Jose, CA, 95134, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

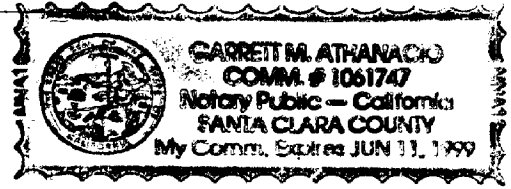
Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 11/4/98

Alain M. Chiodini
Alain M. Chiodini

STATE OF CALIFORNIA)
)
COUNTY OF SANTA CLARA) ss.



On 11-4-98, before me, Garrett M. Athanacio personally appeared Alain M. Chiodini, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument, and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Garrett M. Athanacio
NOTARY PUBLIC

My Commission Expires: 6-11-99

Dated: 11/4/98

Paul Petrus
Paul Petrus

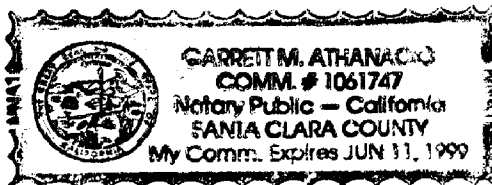
STATE OF CALIFORNIA)
)
COUNTY OF SANTA CLARA) ss.

On 11-4-98, before me, Garrett M. Athanacio, personally appeared Paul Petrus, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument, and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Garrett M. Athanacio
NOTARY PUBLIC

My Commission Expires: 6-11-99

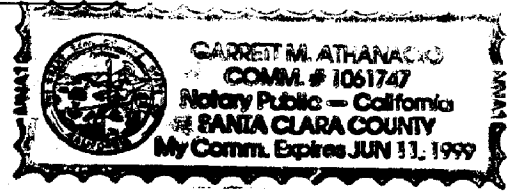


Dated: 11/4/98

Mitchell D Trott
 Mitchell D Trott

STATE OF CALIFORNIA)
)
 COUNTY OF Santa Clara)

ss.



On 11.4.98, before me, Garrett M. Athanacio personally appeared Mitchell D Trott, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument, and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Garrett M. Athanacio
 NOTARY PUBLIC

My Commission Expires: 6-11-99

Dated: 11-4-98
David M. Parish
 David M. Parish

STATE OF CALIFORNIA)
)
 COUNTY OF Santa Clara)

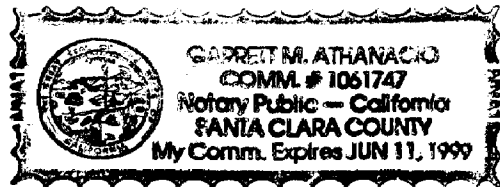
ss.

On 11.4.98, before me, Garrett M. Athanacio personally appeared David M. Parish, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument, and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Garrett M. Athanacio
 NOTARY PUBLIC

My Commission Expires: 6-11-99

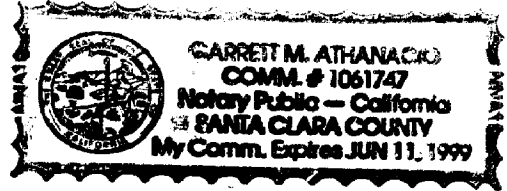


Dated: 11/4/98

Michael Youssefmir

Michael Youssefmir

STATE OF CALIFORNIA)
COUNTY OF Santa Clara) ss.



On 11.4.98, before me, Garrett M. Athanacio, personally appeared Michael Youssefmir, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument, and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(~~s~~) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Garrett M. Athanacio
NOTARY PUBLIC

My Commission Expires: 6-11-99

Dated: Nov 4, 1998

Dov Rosenfeld
Dov Rosenfeld

STATE OF CALIFORNIA)
COUNTY OF Santa Clara) ss.

On 11.4.98, before me, Garrett M. Athanacio, personally appeared Dov Rosenfeld, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument, and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(~~s~~) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Garrett M. Athanacio
NOTARY PUBLIC

My Commission Expires: 6-11-99

