

12-10-2003



102618414

12-203

To the Commissioner for Patents. Please record the attached original documents or copies thereof.

16834 U.S. PTO
10724742

120203

1. Name of Conveying Party(ies):

Hung-Kun CHEN

12-2-03

2. Name and Address of Receiving Party(ies):

Name: Integrated Programmable Communications, Inc.

Street Address: 11F, No. 93, Shuei-Yuan St.

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Date: 11/27/03

City, State, Zip: Hsinchu, Taiwan, R.O.C.

☐ Additional name(s) and address(es) attached.

4. (A) Patent Application Number(s):

101724742

10724724

4. (B) Patent Number(s):

If this document is being filed together with a new application, the execution date of the application is: 11/27/03

☐ Additional Numbers Attached.

5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:

Name:

Eugene Mar

23364

CUSTOMER NUMBER

Bacon & Thomas, PLLC
625 Slaters Lane Fourth Floor
Alexandria, VA 22314

Total Number of Applications and Patents Involved:

1

7. Total Fee:
(37 CFR 3.41)

\$40.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit Account Number:

02-0200

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 copy of the original document.

Eugene Mar

December 2, 2003

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and document: 2

12/04/2003 HMARZ11 00000009 10724742

02 FC:8021

40.00 OP

ASSIGNMENT

(1) Hung-Kun CHEN

(1-5) Insert Name(s) of
Inventor(s).

(2) _____

(3) _____

(4) _____

(5) _____

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(6) Insert name of Assignee

(6) Integrated Programmable Communications, Inc.

(7) Insert address of Assignee

(7) 11F, No. 93, Shuei-Yuan St., Hsinchu, Taiwan, R.O.C.

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as

(8) Insert Identification of
Invention, such as Title,
Case Number or Foreign
Application Number

(8) CHANNEL NOISE ESTIMATING METHOD AND APPARATUS APPLIED

TO A MULTI-CARRIER SYSTEM

Foreign
Application or
Case No.

for which the undersigned has (have) executed an application for patent in the United States of America

(9) Insert Date of Signing of
Application

(9) on November 27, 2003

(10) Alternative identification
for filed applications

(10) U.S. application Serial Number _____,
filed _____

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient or essential to its full protection and title in and to the invention hereby transferred.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division or re-issue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

4) The undersigned agree(s) to communicate to the Assignee or representatives thereof any facts known to me (us) respecting the invention and improvements thereof, and will, upon request, but without expense to me (us), testify in any legal proceedings regarding the invention.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

6) The undersigned hereby grant(s) the firm of Bacon & Thomas 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 Office for recordation of this document.

7) This Assignment shall be binding upon my (our) heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns of the Assignee.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

(1) Date November 27, 2003 Name of Inventor Hung-Kun Chen

(2) Date _____ Name of Inventor _____

(3) Date _____ Name of Inventor _____

(4) Date _____ Name of Inventor _____

(5) Date _____ Name of Inventor _____

PATENT

RECORDED: 12/02/2003

REEL: 014737 FRAME: 0850