

10/27/05

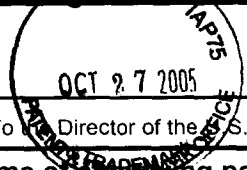
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Form PTO-1595 (Rev. 07/05)
OMB No. 0681-0027 (Exp. 6/30/2008)



U.S. DEPARTMENT OF COMMERCE
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PATENTS ONLY

To: Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Zhike Jia, Chi-Shin Wang

2. Name and address of receiving party(ies)

Name: Centrality Communications

Internal Address: _____

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 10/18/2005

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

Street Address: 2520 Mission College Blvd. Suite 103

City: Santa Clara

State: CA

Country: US Zip: 95054

Additional name(s) & address(es) attached? Yes No

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

11/218298

B. Patent No.(s)

10/28/2005 ENGUYEN2 00000041 11218298

06 FC: 021

(40.00 OP)

Additional numbers attached? Yes No

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

Name: Lumen Intellectual Property Services, Inc.

Internal Address: _____

Street Address: 2345 Yale Street, 2nd Floor

City: Palo Alto

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Fax Number: 650-424-0141

Email Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
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- None required (government interest not affecting title)

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9. Signature:

Thomas J. McFarlane

Signature

25 OCT 2005

Date

Thomas J. McFarlane
Name of Person Signing

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

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Docket Number: CFN-107/US

ASSIGNMENT

WHEREAS, I/WE:

**Zhike Jia, residing at
1690 Hayford Drive, San Jose, CA, 95130**

**Chi-Shin Wang, residing at
135 Cypress Point Road, Half Moon Bay, CA 94019**

have invented certain new and useful improvements in the following:

Fast Fourier Transform With Down Sampling Based Navigational Satellite Signal Trackingfor U.S. Patent Application No.: 11/218298; Executed on 10/18/2005

WHEREAS,

Centrality Communications
(hereinafter referred to as the Assignee), a body having a place of business at **2520 Mission College Blvd. Suite 103, Santa Clara, CA, 95054** and corporate powers under the laws of the state of **California**, desires to acquire the entire right, title and interest in said application and invention, and to any United States and foreign patents to be obtained therefor.

NOW THEREFORE, for a valuable consideration, receipt whereof is hereby acknowledged, I/we, the above named, hereby sell, assign, and transfer to Assignee, its successors and assigns, the entire right, title and interest in said application and inventions therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said application, I/we hereby agree that Assignee may apply for foreign Letters Patent on said inventions, and I/we hereby agree to timely execute all papers necessary in connection with said United States and foreign Letters Patent applications when called upon to do so by Assignee.

I/we hereby covenant that I/we have the full and lawful right to convey the entire right, title, and interest herein assigned, and that I/we have not entered and will not enter into any agreement in conflict herewith.

Docket Number: CEN-107/US

I/we hereby request the Commissioner for Patents to issue any Letters Patent granted upon the inventions set forth in said application to Assignee, its successors and assigns.

Date: <u>10/18/2005</u>	<u><i>Zhihe Jia</i></u> Zhihe Jia
State: _____	County: _____
Subscribed and sworn to before me on this _____ day of _____	
_____ Notary Public	

Date: <u>10/18/2005</u>	<u><i>Chi-Shin Wang</i></u> Chi-Shin Wang
State: _____	County: _____
Subscribed and sworn to before me on this _____ day of _____	
_____ Notary Public	