

06-06-2001

OVER SHEET

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5.29.01



101741879

To the Honorable Comr

and the attached original documents or copy thereof.

1. Name of conveying party(ies)

James A. Proctor, Jr.

2. Name and address of receiving party(ies)

Name: Tantivy Communications, Inc.

Internal Address: _____

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

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other _____

Execution Date: January 8, 2001

Street Address: 2200 Front Street, Suite 300

City: Melbourne State: FL ZIP: 32901

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

4. Application number(s) or patent number(s):

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

A. Patent Application No.(s)

See Assignment Document

B. Patent No.(s)

See Assignment Document

Additional numbers attached? ☒ Yes ☐ No

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

Name: David J. Thibodeau, Jr.

Internal Address: _____

Hamilton, Brook, Smith & Reynolds, P.C.

Street Address: Two Militia Drive

City: Lexington State: MA ZIP: 02421-4799

6. Total number of applications and patents involved: [33]

7. Total Fee (37 C.F.R. 3.41)..... \$ \$1,320.00

☒ Enclosed

☒ Authorized to charge any deficiencies or credit any overpayment to deposit account

☐ Authorized to be charged to deposit account

8. Deposit account number:

08-0380

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

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 original document.

David J. Thibodeau, Jr.

Name of Person Signing

Signature

5/23/01

Date

Total number of pages including cover sheet, attachments, and document: [5]

4. Application number(s) or patent number(s):

A. Patent Application Nos. (continued)	B. Patent Nos. (continued)
09/088,527	6,222,832
09/515,487	6,100,843
09/730,376	6,212,220
09/482,241	6,239,756
09/158,421	
09/467,353	
09/157,736	
09/579,084	
09/616,588	
09/384,041	
09/263,358	
09/301,484	
09/301,483	
09/447,022	
09/313,684	
60/221,751	
60/184,754	
09/497,440	
60/180,598	
09/728,575	
60/181,071	
60/184,223	
09/691,874	
09/565,095	
60/234,610	
60/234,609	
60/219,789	
60/250,908	
60/251,148	

Total Number of Applications Involved [33]

ASSIGNMENT

WHEREAS, I, **James A. Proctor, Jr.**, have invented certain improvements as described in specifications of various applications for Letters Patents as previously filed in the U.S. Patent and Trademark Office, each application of which I am an inventor or co-inventor, the previously filed Applications including:

1. "Dynamic Bandwidth Allocation For Multiple Access Communications Using Buffer Urgency Factor," by inventors Thomas E. Gorsuch, Carlo Amalfitano and James A. Proctor, filed on June 1, 1998;
2. "Fast Acquisition Of Traffic Channels For A Highly Variable Data Rate Reverse Link Of A CDMA Wireless Communication System," by inventor James A. Proctor, filed on June 1, 1998;
3. "Fast Acquisition Of Traffic Channels For A Highly Variable Data Rate Reverse Link Of A CDMA Wireless Communication System," by inventor James A. Proctor, filed on February 29, 2000;
4. "Fast Acquisition Of Traffic Channels For A Highly Variable Data Rate Reverse Link Of A CDMA Wireless Communication System," by inventor James A. Proctor, filed on December 5, 2000;
5. "Arbitration Method For High Power Transmissions In A Code Division Multiple Access System," by inventor James A. Proctor, filed on January 13, 2000;
6. "Power Control Protocol For Highly Variable Data Rate Reverse Link Of A Wireless Communication System," by inventor James A. Proctor, filed on September 21, 1998;
7. "Method And Apparatus For A Spectrally Compliant Cellular Communication System," by inventors Carlo Amalfitano and James A. Proctor, filed on December 20, 1999.
8. "Method And Apparatus Providing An Adaptive Antenna For Use In Same Frequency Networks," by inventors Kenneth M. Gainey and James A. Proctor, filed, on September 21, 1998;
9. "Adaptive Antenna for Use in Same Frequency Networks," by inventors Kenneth M. Gainey and James A. Proctor, filed on December 11, 1998 and granted August 8, 2000 as Patent No. 6,100,843;
10. "Adaptive Antenna For Use In Same Frequency Networks," by inventors Kenneth M. Gainey and James A. Proctor, filed on May 25, 2000;
11. "Adaptive Antenna For Use In Same Frequency Networks," by inventors Kenneth M. Gainey and James A. Proctor, filed on July 14, 2000;
12. "Antenna Array Structure Stacked Over Printed Wiring Board With Beamforming Components," by inventors Kenneth M. Gainey and James A. Proctor, filed on August 26, 1999;
13. "Forward Error Correction On Multiplexed CDMA Channels Enabling High Performance Coding," by inventors Dennis D. Ferguson and James A. Proctor, filed on March 5, 1999;
14. "Forward Error Correction Scheme For High Rate Data Exchange In A Wireless System," by inventor James A. Proctor, filed on April 28, 1999;
15. "Subscriber-Controlled Registration Technique In A CDMA System," by inventors Dennis D. Ferguson and James A. Proctor, filed on April 28, 1999;
16. "Variable Rate Coding For Forward Link," by inventor James A. Proctor, filed on November 22, 1999;

17. "Method And Apparatus For Creating Non-Interfering Signals Using Non-Orthogonal Techniques," by inventors John E. Hoffmann, Antoine J. Rouphael and James A. Proctor, filed on February 23, 1999;
18. "Variable Rate Orthogonally Coded Reverse Link Structure," by inventors John E. Hoffmann, Antoine J. Rouphael and James A. Proctor, filed on May 18, 1999;
19. "Time-Slotted Data Packets With A Preamble," by inventor James A. Proctor, filed on July 31, 2000;
20. "Method And System For Economical Beam Forming In A Radio Communication System," by inventors Lawrence W. Lamont, Jr., George R. Nelson, Jr., Antoine J. Rouphael, John E. Hoffmann and James A. Proctor, filed on February 24, 2000;
21. "Pilot Symbol Assisted Modulation And Demodulation In Wireless Communication Systems," by inventors Antoine J. Rouphael, John E. Hoffmann, George R. Nelson, Jr. and James A. Proctor, filed on February 3, 2000;
22. "Minimal Maintenance Link Between A Base Station And Multiple Field Units," by inventors George R. Nelson, Jr., John E. Hoffmann, Antoine J. Rouphael and James A. Proctor, filed on February 7, 2000;
23. "Reverse Link Pilot Integrated With Block Codes," by inventors John E. Hoffmann, George Rodney Nelson, Jr. Antoine J. Rouphael and James A. Proctor, filed on November 30, 2000;
24. "Access Channel Structure For Wireless Communication System," by inventors John E. Hoffmann, George R. Nelson, Jr., Antoine J. Rouphael and James A. Proctor, filed on February 8, 2000;
25. "Antenna Array With Housing," by inventors Kenneth M. Gainey, William R. Palmer and James A. Proctor, filed on November 19, 1999;
26. "Reverse Link Quality Management," by inventors Antoine J. Rouphael, George R. Nelson, Jr., John E. Hoffmann and James A. Proctor, filed on February 23, 2000;
27. "Staggering Forward And Reverse Channel Allocation Timing," by inventor James A. Proctor, filed on October 19, 2000;
28. "Wireless Channel Allocation In A Base Station Processor," by inventors Kevin L. Farley and James A. Proctor, filed on May 5, 2000;
29. "Adaptive Antenna For Use In Wireless Communication Systems," by inventors Bing Chiang, Griffin K. Gothard, Kenneth M. Gainey, Joe T. Richeson and James A. Proctor, filed on September 22, 2000
30. "Adaptive Antenna For Use In Wireless Communication Systems," by inventors Griffin K. Gothard, Bing Chiang, Kenneth M. Gainey, Joe T. Richeson and James A. Proctor, filed on September 22, 2000;
31. "Method For Allowing Multi-User Orthogonal And Non-Orthogonal Interoperability Of Code Channels On The Reverse Link Of A CDMA System," by inventor James A. Proctor, filed on July 19, 2000;
32. "Antenna Power Control System And Method," by inventor James A. Proctor, filed on December 1, 2000; and

33. "Antenna Power Control System And Method," by inventor James A. Proctor, filed on December 4, 2000;

WHEREAS, I believe that **Tantivy Communications, Inc.** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **State of Delaware**, and having a usual place of business at **2200 Front Street, Suite 300, Melbourne, Florida 32901** previously acquired an entire right, title and interest of the above-listed Applications or issued patents therefrom in accordance with agreements duly entered into with me, as I previously assigned an entire right, title and interest unto said ASSIGNEE of the above-listed Applications or issued patents therefrom under my name **James A. Proctor** in other Assignment documents as previously executed by me; to further insure a transfer of any possible remaining right, title and interest I might have in the above-listed Applications or issued patents therefrom, I am executing this Assignment of right, title and interest in accordance as further set forth below unto said ASSIGNEE under my name **James A. Proctor, Jr.**;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said inventions as described in said applications, together with the entire right, title and interest in and to said applications and such Letters Patents as may issue thereon; said inventions, applications and Letters Patents to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patents may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; I hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patents. I hereby acknowledge that this assignment, being of the entire right, title and interest in and to said inventions, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patents by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patents to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid inventions to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said inventions or any applications or patents directed thereto may be involved;

AND, I do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal the date set forth below.

Inventor's Signature: _____

James A. Proctor, Jr.
James A. Proctor, Jr.

State/Commonwealth

of Florida

County of Brevard

Then personally appeared before me the above-named **James A. Proctor, Jr.** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 8 day of January, 2001.

(SEAL)



Sandra J. Iris
Commission # CC 968181
Expires Oct. 2, 2004
Bonded Three
Atlantic Bonding Co., Inc.

Sandra J. Iris
Sandra J. Iris

Notary Public

(print name)

My Commission expires 10 / 2 / 04

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