



5-30-03

102463380

Tab settings ⇨ ⇨ ⇨

Atty Docket: 28549-150946

To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof.

1. Name of conveying party(ies):

James L. RICHARDS  
Larry W. FULLERTON  
Ivan A. COWIE  
William D. WELCH, Jr.  
Randall S. STANLEY



2. Name and address of receiving party(ies)

Name: Time Domain Corporation

Internal Address: \_\_\_\_\_

Street Address: 7057 Old Madison Pike

City: Huntsville State/Country: Alabama

Zip: 35806

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: May 20, 2003, May 19, 2003, May 19, 2003, May 21, 2003 and May 19, 2003

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 by the first named inventor is:

A. Patent Application No.(s)

B. Patent No.(s)

6,556,621

Additional numbers attached?  Yes  No

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



26694

PATENT TRADEMARK OFFICE

Name: VENABLE

Address: P.O. Box 34385

City: Washington State: D.C. Zip: 20043-9998

6. 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:

22-0261

(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.

Robert S. Babayi, Reg. No. 33,471

Name of Person Signing

Signature

May 30, 2003

Date

Total number of pages including cover sheet, attachments, and documents: 7

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

06/03/2003  
MUELLER 00000239 6556621  
40.00 DP  
01 FC-8021

## Assignment of Patent Rights

In consideration of One Dollar and other good and valuable consideration, the receipt of which is acknowledged, we, **James L. Richards, Larry W. Fullerton, Ivan A. Cowie, William D. Welch, Jr., and Randall S. Stanley**, residing at **Fayetteville, TN, Brownsboro, AL, Madison, AL, Huntsville, AL, and Madison, AL**, do hereby sell and assign to **TIME DOMAIN CORPORATION** having an office at **7057 Old Madison Pike, Huntsville, Alabama, 35806** (the Company), its successors and assigns, the entire rights, title, and interests in and to the invention and improvements in "**System for Fast Lock and Acquisition of Ultra-Wideband Signals**," invented by us, as described in United States patent application serial number **09/538,292**, filed on **March 29, 2000**; and any and all divisional, continuation, continuation-in-part, re-examination and reissue patent applications filed based on said invention and improvements thereof in the United States or in any country around the world; all rights of priority resulting from filing of any patent application based on said invention and improvements thereof, either in a national phase or under a treaty in force and effect anywhere around the world; and we hereby authorize and request any official whose duty it is to issue patents, to issue any and all patents on said invention and improvements thereof to the Company, its successor and assigns; and we hereby agree that upon request by the Company, its successors and assigns, and without further consideration, but at the expense of said Company, its successors and assigns, we shall perform all acts and execute all documents reasonably necessary or desirable, including making rightful oaths, testifying in court and communicating known facts, and generally doing everything possible to aid said Company, its successors and assigns, to secure patent rights in said invention and improvements thereof and to enforce and defend any patent rights in said invention and improvements thereof in any country around the world.


5-20-03  
Date

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

  
\_\_\_\_\_  
**James L. Richards**

\_\_\_\_\_  
**Larry W. Fullerton**

\_\_\_\_\_  
**Ivan A. Cowie**

\_\_\_\_\_  
**William D. Welch, Jr.**

\_\_\_\_\_  
**Randall S. Stanley**

STATE OF ~~ALABAMA~~ TN

COUNTY OF ~~MADISON~~ Lincoln

I, Debbie Bailey, a Notary Public for said County and State, do hereby certify that **James L. Richards** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal on this 20<sup>th</sup> day of May, ~~2002~~ 2003.

Debbie Bailey  
Notary Public

My Commission expires on:  
12-05-2004

STATE OF ALABAMA

COUNTY OF MADISON

I, \_\_\_\_\_, a Notary Public for said County and State, do hereby certify that **Larry W. Fullerton** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal on this \_\_\_\_ day of \_\_\_\_\_, 2002.

\_\_\_\_\_  
Notary Public

My Commission expires on:  
\_\_\_\_\_

STATE OF ALABAMA

COUNTY OF MADISON

I, \_\_\_\_\_, a Notary Public for said County and State, do hereby certify that **Ivan A. Cowie** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal on this \_\_\_\_ day of \_\_\_\_\_, 2002.

\_\_\_\_\_  
Notary Public

My Commission expires on:  
\_\_\_\_\_

STATE OF ALABAMA

COUNTY OF MADISON

I, \_\_\_\_\_, a Notary Public for said County and State, do hereby certify that **William D. Welch, Jr.** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal on this \_\_\_\_ day of \_\_\_\_\_, 2002.

\_\_\_\_\_  
Notary Public

My Commission expires on:  
\_\_\_\_\_

STATE OF ALABAMA

COUNTY OF MADISON

I, \_\_\_\_\_, a Notary Public for said County and State, do hereby certify that **Randall S. Stanley** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal on this \_\_\_\_ day of \_\_\_\_\_, 2002.

\_\_\_\_\_  
Notary Public

My Commission expires on:  
\_\_\_\_\_

## Assignment of Patent Rights

In consideration of One Dollar and other good and valuable consideration, the receipt of which is acknowledged, we, **James L. Richards, Larry W. Fullerton, Ivan A. Cowie, William D. Welch, Jr., and Randall S. Stanley**, residing at **Fayetteville, TN, Brownsboro, AL, Madison, AL, Huntsville, AL, and Madison, AL**, do hereby sell and assign to **TIME DOMAIN CORPORATION** having an office at **7057 Old Madison Pike, Huntsville, Alabama, 35806** (the Company), its successors and assigns, the entire rights, title, and interests in and to the invention and improvements in "**System for Fast Lock and Acquisition of Ultra-Wideband Signals**," invented by us, as described in United States patent application serial number **09/538,292**, filed on **March 29, 2000**; and any and all divisional, continuation, continuation-in-part, re-examination and reissue patent applications filed based on said invention and improvements thereof in the United States or in any country around the world; all rights of priority resulting from filing of any patent application based on said invention and improvements thereof, either in a national phase or under a treaty in force and effect anywhere around the world; and we hereby authorize and request any official whose duty it is to issue patents, to issue any and all patents on said invention and improvements thereof to the Company, its successor and assigns; and we hereby agree that upon request by the Company, its successors and assigns, and without further consideration, but at the expense of said Company, its successors and assigns, we shall perform all acts and execute all documents reasonably necessary or desirable, including making rightful oaths, testifying in court and communicating known facts, and generally doing everything possible to aid said Company, its successors and assigns, to secure patent rights in said invention and improvements thereof and to enforce and defend any patent rights in said invention and improvements thereof in any country around the world.

\_\_\_\_\_  
Date

5/19/03

\_\_\_\_\_  
Date

5-19-03

\_\_\_\_\_  
Date

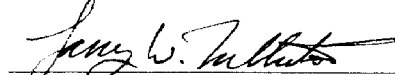
5-21-03

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Date

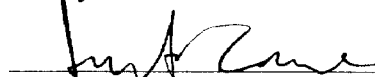
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Date

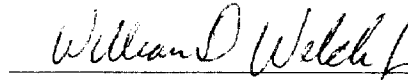
\_\_\_\_\_  
**James L. Richards**



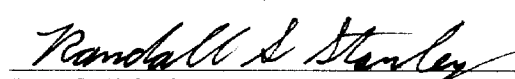
\_\_\_\_\_  
**Larry W. Fullerton**



\_\_\_\_\_  
**Ivan A. Cowie**



\_\_\_\_\_  
**William D. Welch, Jr.**



\_\_\_\_\_  
**Randall S. Stanley**

STATE OF ALABAMA

COUNTY OF MADISON

I, \_\_\_\_\_, a Notary Public for said County and State, do hereby certify that **James L. Richards** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal on this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
Notary Public

My Commission expires on:  
\_\_\_\_\_

STATE OF ALABAMA

COUNTY OF MADISON

I, Bonnie D. Staley, a Notary Public for said County and State, do hereby certify that **Larry W. Fullerton** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal on this 19 day of May, 2003.

Bonnie D. Staley  
Notary Public

My Commission expires on:  
08/26/06

STATE OF ALABAMA

COUNTY OF MADISON

I, Bonnie D. Staley, a Notary Public for said County and State, do hereby certify that **Ivan A. Cowie** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal on this 19 day of May, 2003.

Bonnie D. Staley  
Notary Public

My Commission expires on:  
08/26/06

STATE OF ALABAMA

COUNTY OF MADISON

I, Bonnie D. Stanley, a Notary Public for said County and State, do hereby certify that **William D. Welch, Jr.** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal on this 31 day of May, 2003.

Bonnie D. Stanley  
Notary Public

My Commission expires on:

08/26/06

STATE OF ALABAMA

COUNTY OF MADISON

I, Bonnie D. Stanley, a Notary Public for said County and State, do hereby certify that **Randall S. Stanley** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal on this 19 day of May, 2003.

Bonnie D. Stanley  
Notary Public

My Commission expires on:

08/26/06