

06-12-2003



Tab settings

To the Honorable Commissioner of Patents

102471020

Attached original documents or copy thereof.

1. Name of conveying party(ies):
Pulson Communications Corporation

6-10-03

Additional names(s) of conveying party(ies) Yes No

2. Name and address of receiving party(ies):

Name: **Time Domain Corporation**

Address: **7057 Old Madison Pike**

City: **Huntsville** State/Prov.: **AL**

Country: **USA** ZIP: **35801**

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

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: **May 14, 2003**

4. Application number(s) or patent numbers(s):
If this document is being filed together with a new application, the execution date of the application is _____
Patent Application No. Filing date B. Patent No.(s)
see attached table **see attached table**

Additional numbers Yes No

FINANCE SECTION
JUN 10 AM 7:58
RECORDS

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

Name: **Robert S. Babayi**

Registration No. **33,471**

Address: **Venable, Baetjer, Howard & Civiletti, LLP**
1201 New York Avenue, Suite 1000
06/12/2003 ECDOPER 00000042 502391 06677597
01 FC:0021 1200.00 CH

City: **Washington** State/Prov.: **DC**

Country: **USA** ZIP: **20005**

6. Total number of applications and patents involved: **30**

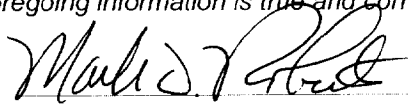
7. Total fee (37 CFR 3.41):.....\$ **1,200.00**
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account
 Authorized to be charged to deposit account

8. Deposit account number:
502391

(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.

Mark D. Roberts  **June 4, 2003**

Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and **7**

Recordation Form Cover Sheet (cont.)

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

TDC Docket #	Application Number	Filing Date	Patent Number
Fullerton.1	06/677,597	12/03/84	4,641,317
Fullerton.2	06/870,177	06/03/86	4,743,906
Fullerton.3	07/010,440	02/03/87	4,813,057
Fullerton.3.2	07/322,538	03/13/89	4,979,186
Fullerton.4	07/192,475	05/10/88	
Fullerton.5	07/368,831	06/20/89	
Fullerton.7	07/846,597	03/05/92	5,363,108
Fullerton.8	08/335,676	11/08/94	
Fullerton.8-CIP	08/978,367	11/25/97	5,969,663
Fullerton.9	08/480,448	06/07/95	5,812,081
Fullerton.10	08/480,447	06/07/95	5,952,956
Fullerton.11	09/419,806	10/18/99	
Fullerton.12	10/186,306	06/28/02	
Fullerton.12-A	10/214,874	08/08/02	
Fullerton.12-B	10/227,650	08/23/02	
Fullerton.12-C	10/338,238	01/08/03	
Pulson.1	08/309,973	09/20/94	5,677,927
Pulson.1.1	08/949,144	10/10/97	5,995,534
Pulson.1.2	08/949,145	10/10/97	5,960,031
Pulson.1.3	08/948,781	10/10/97	6,031,862
Pulson.1.4	08/949,143	10/10/97	5,963,581
Pulson.1.5	09/037,704	03/10/98	6,430,208
Pulson.1.6	10/196,121	07/17/02	
Pulson.2	08/428,489	04/27/95	5,687,169
Pulson.2.1	09/458,010	12/10/99	6,549,567
Pulson.2.2	10/411,090	04/11/03	
Pulson.3	08/460,773	06/02/95	5,764,696
Pulson.4	08/487,990	07/07/95	
Pulson.4 (FWC)	08/761,602	12/06/96	5,832,035
Pulson.4.1	09/158,570	09/22/98	

ASSIGNMENT OF PATENTS AND PATENT APPLICATIONS

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, **Pulson Communications Corporation**, a Delaware corporation (the "Assignor"), does hereby grant, sell and assign to **Time Domain Corporation**, a Delaware corporation, (the "Assignee"), its successors or assigns, its entire rights, title, and interests in any and all the inventions as described in any of the patents and patent applications identified in the attached Exhibit A ("Inventions"), including its entire rights, title, and interests in the identified patents and applications or any and all Letters Patent(s) issued therefrom in the United States or in any country around the world, such entire rights, title and interests to be held and enjoyed by the Assignee, its successors and assigns to the same extent as they would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The Assignor hereby grants, sells and assigns its entire rights, title, and interests in any and all divisional, continuation, continuation-in-part, re-examination, reissue, extension, and renewal applications or any and all corresponding patents and patent applications for the Inventions from which patents issue in the United States or in any country around the world, such entire rights, title, and interests to be held and enjoyed by the Assignee, its successors and assigns to the same extent as they would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The Assignor hereby grants, sells and assigns its entire right of priority resulting from filing any patent application based on the Inventions or any improvements thereof, either in a national phase or under a treaty in force and effect anywhere around the world, such entire rights, title and interests to be held and enjoyed by the Assignee, its successors and assigns to the same extent as they would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The Assignor hereby authorizes and requests any official whose duty it is, to issue patents on the Inventions and improvements thereof to the Assignee, its successor and assigns.

The Assignor hereby grants, sells and assigns its entire rights, title and interests in any and all litigation claims and rights for any and all of the Inventions and improvements thereof, including the right to sue for and collect upon all claims for profits and damages as a result of future or past infringement, and other general intangibles of Assignor related to any of the foregoing, in each case whether now existing or hereafter acquired or created, and the right to fully and entirely stand in the place of Assignor in all matters related thereto.

The Assignor agrees to execute all papers reasonably necessary or desirable, in connection with any of the patents and applications identified in the attached Exhibit A and any and all continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding applications thereof and also to execute separate assignments for such patents and applications as the Assignee may deem necessary or expedient.


The Assignee agrees to execute all papers reasonably necessary or desirable in connection with any interference that may be declared concerning the patents and applications identified in the attached Exhibit A or any and all continuing (continuation, divisional, or continuation-in-part), reissue or reexamination applications thereof and to cooperate with the Assignee, its successors and assigns in every way possible in obtaining evidence and going forward with such interference.

The Assignor agrees to perform all affirmative acts that may be reasonably necessary or desirable as requested by the Assignee, its successors and assigns to obtain, maintain, and defend patents and patent applications on the Inventions and any improvement thereof.

The Assignor hereby represents that Assignor has full right and authority to convey the entire interest herein assigned, and that Assignor has not executed, and will not execute any agreement in conflict therewith.

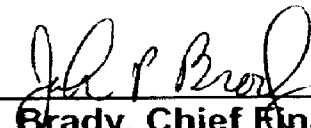
IN WITNESS WHEREOF, executed by the Assignor on the date set forth below:

For Pulson Communications Corporation

By: 
Ralph G. Petroff, President

Date: May 14, 2008

For: Time Domain Corporation

By: 
John P. Brady, Chief Financial Officer

Date: 5/14/03

Exhibit A

TDC Docket #	Country	Application Number	Patent Number
Fullerton.1	U.S.	06/677,597	4,641,317
	Great Britain	8529168	2,167,923
	Germany	P3542693.4	35 42 693
Fullerton.2	Japan	270852/85	2119975
	U.S.	06/870,177	4,743,906
	Canada	565,712-1	1,295,712
	Great Britain	8810764.4	2,218,294
	Germany	P3815709.8	P3815709
	Japan	111,723/88	2694648
	Israel	86325	86325
Fullerton.3	U.S.	07/010,440	4,813,057
	Canada	592,997-1	1,295,686
	Great Britain	8905521.4	2,229,055
	Singapore	9791736-3	42140
	Israel	89551	89551
	India	237/DEL/89	177,252
	India	1040/DEL/92	184,433
	India	1041/DEL/92	184,780
	Australia	34162/89	639,889
	Japan	504291/89	3,232,413
	S. Korea	702280/90	120,887
	Russia	4831906/09	2,105,415
	Europe	89904714.6	EPO 0413707 B1
	Germany	89904714.6	68923280.2
	France	89904714.6	0413707
	Sweden	89904714.6	0413707
	Netherlands	89904714.6	0413707
Taiwan	78101871	NI-37498	
Hong Kong	98105837.9	HK1006767	
Fullerton.3.2	U.S.	07/322,538	4,979,186
Fullerton.4	U.S.	07/192,475	

TDC Docket #	Country	Application Number	Patent Number
Fullerton.5	U.S.	07/368,831	
PCT.6	PCT	PCT/US90/01174	
	Europe	90912562.7	0471799
	Switzerland	90912562.7	0471799
	Germany	90912562.7	69029516.2
	France	90912562.7	0471799
	Great Britain	90912562.7	0471799
	Italy	90912562.7	0471799
	Netherlands	90912562.7	0471799
	Sweden	90912562.7	90912562.7
	Australia	61778/90	639711
	Canada	2,053,890-2	2,053,890
	Japan	511830/90	2,813,689
	S. Korea	701506/91	171,869
	Russia	5010438	2,126,163
Fullerton.7	U.S.	07/846,597	5,363,108
Fullerton.8	U.S.	08/335,676	
Fullerton.8-CIP	U.S.	08/978,367	5,969,663
Fullerton.9	U.S.	08/480,448	5,812,081
Fullerton.10	U.S.	08/480,447	5,952,956
Fullerton.11	U.S.	09/419,806	
Fullerton.12	U.S.	10/186,306	
Fullerton.12-A	U.S.	10/214,874	
Fullerton.12-B	U.S.	10/227,650	
Fullerton.12-C	U.S.	10/338,238	
Pulson.1	U.S.	08/309,973	5,677,927
	Australia	36855/95	712,260
	Australia	14934/00	
	Canada	2,220,475	
	Europe	95934546.3	
	China	95195805.4	
	Japan	511126/1996	

TDC Docket #	Country	Application Number	Patent Number
	S. Korea	97-701807	
	Hong Kong	98106675.2	
Pulson.1.1	U.S.	08/949,144	5,995,534
Pulson.1.2	U.S.	08/949,145	5,960,031
Pulson.1.3	U.S.	08/948,781	6,031,862
Pulson.1.4	U.S.	08/949,143	5,963,581
Pulson.1.5	U.S.	09/037,704	6,430,208
Pulson.1.6	U.S.	10/196,121	
Pulson.2	U.S.	08/428,489	5,687,169
	Australia	56739-96	712,518
	Australia	15293/00	
	Canada	2,219,485	
	Europe	96913919.5	
	Japan	532,809/1996	
	S. Korea	97-707618	
	Mexico	978255	
	Singapore	9705123-9	46812
Pulson.2.1	U.S.	09/458,010	6,549,567
Pulson.2.2	U.S.	10/411,090	
Pulson.3	U.S.	08/460,773	5,764,696
Pulson.4	U.S.	08/487,990	
Pulson.4 (FWC)	U.S.	08/761,602	5,832,035
	PCT	US96/09730	
	Europe	96921436.0	0830755
	Germany	96921436.0	69610091.6
	Great Britain	96921436.0	0830755
	Sweden	96921436.0	0830755
Pulson.4.1	U.S.	09/158,570	