

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Original assignment listed Digital Fountain instead of Digital Fountain, Inc. previously recorded on Reel 009873 Frame 0508. Assignor(s) hereby confirms the ASSIGNMENT OF ASSIGNORS INTEREST.
CONVEYING PARTY DATA	
Name	Execution Date
Michael G. Luby	04/23/2012
RECEIVING PARTY DATA	
Name:	Digital Fountain, Inc.
Street Address:	5775 Morehouse Drive
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92121-1714
PROPERTY NUMBERS Total: 9	
Property Type	Number
Patent Number:	6307487
Patent Number:	6373406
Patent Number:	6614366
Patent Number:	7057534
Patent Number:	7233264
Patent Number:	7812743
Application Number:	11738866
Application Number:	11841975
Application Number:	11841994
CORRESPONDENCE DATA	
Fax Number:	(858)658-2502
Phone:	858-651-5208
Email:	c_jhunte@qualcomm.com

CH \$360.00 6307487

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.

Correspondent Name: QUALCOMM Incorporated
Address Line 1: 5775 Morehouse Drive
Address Line 4: San Diego, CALIFORNIA 92121-1714

ATTORNEY DOCKET NUMBER:	091798
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NAME OF SUBMITTER:	Jonathan Hunter
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Total Attachments: 4

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04-14-1999

Attorney Docket No. 19186-6US

FORM (Rev. 10/1/90)		Recordation Form Cover Sheet Patents Only		U.S. Department of Commerce Patent and Trademark Office	
To the 101008965		Please record the attached original documents or copy thereof			
1. Name of conveying party(ies): Michael G. Luby		2. Name and address of receiving party(ies): Name: Digital Fountain, Inc. Internal Address: Street Address: 2201 Broadway, Suite 236 City: Oakland State: California ZIP: 94612			
Additional name(s) of conveying parties attached? <input checked="" type="checkbox"/> No		Additional names and addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:		Execution Date: March 19, 1999			
4. Application Number(s) or Patent Numbers. If this document is being filed together with a new application, the execution date of the application is: March 19, 1999 A. Patent Application No(s): 09/246,015 B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Philip H. Albert TOWNSEND AND TOWNSEND AND CREW LLP Two Embarcadero Center, 8 th Floor San Francisco, California 94111-3834 (415) 576-0200		6. Total number of applications and patents involved 1 7. Total fee (37 CFR 3.41): \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Charge Fees to Deposit Account <input checked="" type="checkbox"/> Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account. 8. Deposit account number: 20-1430			
DO NOT USE THIS SPACE					
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document.</i> Philip H. Albert Name of Person Signing Atty. Reg. No. 35,819 Signature:  Date: 3/31/99 Total number of pages including cover sheet, attachments and document 3					
10. Change Correspondence Address to that of Part 5? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
OMB No. 0651-0011 (exp. 4/94)					
Mail documents to be recorded with required cover to:		Do not detach this portion			
04/13/1999 DNGUYEN 00000001 201430 09245013 01 FC:581 40.00 CH		Asst. Commissioner for Patents Box: Assignments Washington, D.C. 20231			

PATENT
REEL: 028146 FRAME: 0321

ASSIGNMENT

WHEREAS, I, Michael G. Luby, a citizen of United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714, U.S.A.; and a resident of California, have conceived of one or more processes, methods, machines, articles of manufacture, designs, compositions of matter, inventions, discoveries or new or useful improvements relating to **Information additive code generator and decoder for communication systems** (collectively the "**INVENTIONS**") for which I have executed and/or may execute one or more patent applications therefor; and

WHEREAS, Digital Fountain, Inc. (hereinafter "**ASSIGNEE**"), a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, U.S.A., desires to acquire or otherwise obtain the entire right, title, and interest in and to said **INVENTIONS**, including all inventions related thereto or thereof, all patent applications therefor, and all patents that have granted or may be granted hereafter thereon, including but not limited to those identified below.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I do hereby acknowledge that I have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, nunc pro tunc with an effective transfer date of March 19, 1999 unto **ASSIGNEE**, its successors, its legal representatives, and its assigns, the entire right, title, and interest throughout the world in and to said **INVENTIONS**, including all patent applications therefor that may have been filed or may be filed hereafter for said **INVENTIONS** in the United States, including but not limited to U.S. Application No(s). 09/246,015 filed February 5, 1999, issued as Patent No. 6,307,487 on October 23, 2001, Reference No. 091798, and all provisional applications relating thereto, together with U.S. Provisional Application No(s). 60/101,473, filed September 23, 1998, Reference No. 091798P1, (and do hereby authorize **ASSIGNEE** and its representative to hereafter add herein such application number(s) and/or filing date(s) when known), and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, and design applications thereof, and all issued patents of the United States which may have granted or may be granted hereafter thereon and all reissues, renewals, reexaminations, and extensions to any of the foregoing and all patents issuing thereon in the United States, including but not limited to U.S. Patent applications and/or patents identified by:

Application #	Filed Date	Patent #	Grant Date
09/757,078	1/8/2001	6,373,406	4/16/2002
10/076,623	2/14/2002	6,614,366	9/2/2003
10/600,484	6/19/2003	7,057,534	6/6/2006
11/226,919	9/13/2005	7,233,264	6/19/2007
11/841,954	8/20/2007	7,812,743	10/12/2010
11/738,866	4/23/2007		
11/841,975	8/20/2007		
11/841,994	8/20/2007		

AND I further do acknowledge and agree that I have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, all rights of priority under International Conventions, Treaties, or Agreements, and the entire right, title, and interest throughout the world in said INVENTIONS, including all inventions related thereto or thereof, and all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in any foreign country, countries, or treaty/union organizations, and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, patent of addition applications, confirmation applications, validation applications, utility model applications, and design applications thereof, and all issued patents which may have granted or may be granted hereafter for said INVENTIONS in any country or countries foreign to the United States, and all reissues, renewals, reexaminations, and extensions thereof, including but not limited to patent applications and/or patents identified by:

Jurisdiction	Application #	Filed Date	Patent #	Grant Date
Australia	62536/99	17 Sep 1999	767140	18 Mar 2004
Canada	2345237	17 Sep 1999	2345237	15 Jul 2008
Germany	69904621.1	17 Sep 1999	EP1116335	18-Dec-02
European Patent	99949717.5	17 Sep 1999	EP1116335	18 Dec 2002
France	99949717.5	17 Sep 1999	EP1116335	18 Dec 2002
United Kingdom	99949717.5	17 Sep 1999	EP1116335	18 Dec 2002
Hong Kong	02100001.5	17 Sep 1999	1038995	13 Jun 2003
Israel	140705	17 Sep 1999	140705	06 May 2006
Italy	99949717.5	17 Sep 1999	EP1116335	18 Dec 2002
Japan	2000-571567	17 Sep 1999	3976163	29 Jun 2007
Korea Republic of (KR)	10-2001-7003774	17 Sep 1999	598662	03 Jul 2006
Patent Cooperation Treaty	PCT/US1999/021574	17 Sep 1999		
Singapore	200101536-1	17 Sep 1999	79667	30 Sep 2003
European Patent	02007488.6	17 Sep 1999	EP1241795	26 Aug 2009
Japan	2004-243000	23 Aug 2004	3809957	02 Jun 2006
European Patent	08015380.2	01 Sep 2008		
European Patent	09007850.2	17 Sep 1999		
France	02007488.6	17 Sep 1999	EP1241795	26 Aug 2009
Germany	69941342.7-08	17 Sep 1999	EP1241795	26 Aug 2009
United Kingdom	02007488.6	17 Sep 1999	EP1241795	26 Aug 2009
Italy	02007488.6	17 Sep 1999	EP1241795	26 Aug 2009
Hong Kong	10106200.1	23 Jun 2010		
European Patent	10011741.5	17 Sep 1999		
Hong Kong	11108953.5	17 Sep 1999		

AND I DO HEREBY authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications or registrations, to issue all patents for said INVENTIONS to said ASSIGNEE, its successors, its legal representatives and its assigns, in accordance with the terms of this instrument;

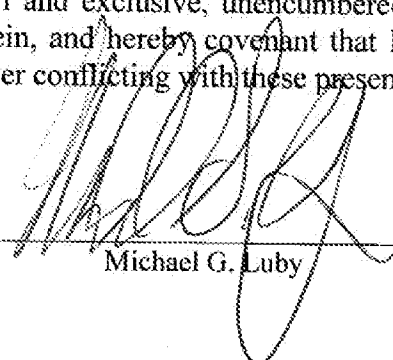
AND I DO HEREBY sell, assign, transfer, and convey to said ASSIGNEE, its successors, its legal representatives, and its assigns all claims for damages and all remedies arising out of or relating to any violation(s) of any of the rights assigned hereby that have or may have accrued prior to the date of assignment to said ASSIGNEE, or may accrue hereafter, including, but not limited to the right to sue for, seek, obtain, collect, recover, and retain damages and any ongoing or prospective royalties to which I may be entitled, or that I may collect for any infringement or from any settlement or agreement related to any of said patents before or after issuance;

AND I HEREBY covenant and agree that I will communicate promptly to said ASSIGNEE, its successors, its legal representatives, and its assigns, any facts known to me respecting said INVENTIONS, and will testify in any legal proceeding, sign all lawful papers, execute all applications and certificates, make all rightful declarations and/or oaths, and provide all lawful assistance to said ASSIGNEE, its successors, its legal representatives and its assigns, to obtain and enforce patent protection for said INVENTIONS in all countries;

AND I HEREBY represent that I have full and exclusive, unencumbered right to sell, assign, convey and transfer all subject matter herein, and hereby covenant that I have not and will not execute any writing or do any act whatsoever conflicting with these presents.

Done at Berkeley, CA, on
LOCATION

April 23 2012
DATE


Michael G. Luby