# 501895876 04/20/2012

# PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Michael Luby	01/31/2002
Ronen Vainish	03/29/2002
Lars Rasmussen	02/05/2002
David Kushi	01/31/2002
Serban Simu	02/01/2002
Adrian Perrig	03/23/2002
Roberto Attias	03/27/2002
Michael Walfish	01/31/2002
Diane Hernek	01/31/2002
John Byers	03/26/2002

# **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: 1

Property Type	Number
Application Number:	13449663

# **CORRESPONDENCE DATA**

**Fax Number**: (858)658-2502 **Phone**: (858) 651-5205

Email: usdocketing@qualcomm.com

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

**PATENT** 

REEL: 028084 FRAME: 0578

Address Line 1: 5775 Morehouse Drive
Address Line 4: San Diego, CALIFORNIA 92121-1714

ATTORNEY DOCKET NUMBER: 091817C1C1

NAME OF SUBMITTER: Julianna Hofmann

Total Attachments: 9
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> PATENT REEL: 028084 FRAME: 0579

Attorney Docket No.: 019186-002510US

#### ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Michael Luby of 1133 Miller Ave., Berkeley, CA 94708; Ronen Vainish of 590 Dublin Way, Sunnyvale, CA 94087; Lars Rasmussen of 2668 Barrington Terrace, Fremont, CA 94536; David Kushi of 2462 15th Ave., San Francisco, CA 94127; Serban Simu of 39939 Stevenson Common, #3015, Fremont, CA 94538; Adrian Perrig of 2525 Stuart St., Apt. 301, Berkeley, CA 94705; Roberto Attias of 32 Lakeshore Court, Richmond, CA 94804; Michael Walfish of 1295 Guerrero St., #1, San Francisco, CA 94110-3635; Diane Hernek of 4178 Montgomery St., Oakland, CA 94611; John Byers of 31 Manemet Rd., Newton, MA 02459; hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:

MULTI-OUTPUT PACKET SERVER WITH

INDEPENDENT STREAMS

Date(s) of execution of Declaration:

Filing Date:

June 15, 2001

Application No.:

09/882,508; and

WHEREAS, Digital Fountain, Inc., a corporation of the state of Delaware, located at 39141 Civic Center Drive, Suite 300, Fremont, CA, 94538, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same:

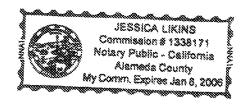
For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

PATENT REEL: 028084 FRAME: 0580

Assignment Attorney Docket No.: 019186-002510US Page 2
Dated: Jan 31, 2002 Michael Luby
STATE OF CALIFORNIA  COUNTY OF  JESSICA LIKINS Commission \$ 123817  Notary Public - Californ Alameda County My Constr. Expires Jan 8, 2
personally appeared Michael Luby , personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal.  NOTARY WIBLIC
My Commission Expires: Lon S, 2000
Dated: Mar. 29,2002 Ronen Vainish
STATE OF CALIFORNIA ) ) ss. COUNTY OF )
On Mease 29,200 , before me, Jest Likes , personally appeared Ronen Vainish , personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal.  NOTARY PUBLIC
My Commission Expires: Mar. 39, 2002



Assignment Attorney Docket No.: 019186-002510US Page 3 Dated: 255202	Lars Resmussen
STATE OF CALIFORNIA ) ss.	
COUNTY OF )	
personally appeared <u>Lars Rasmussen</u> satisfactory evidence) to be the person whose name	before me,
WITNESS my hand and official seal.	JESSICA LIKINS Commission 8 13381 Novary Public - Califor Alameda County
My Commission Expires: Jan. 8, 2002	My Comm. Expires Jan 8.
Dated: <u>JAN 31 2002</u>	Dayid Kushi
STATE OF CALIFORNIA )  COUNTY OF   ss.	
On Oan 31, 2002 personally appeared David Kushi satisfactory evidence) to be the person whose name	before me, <u>Jesses Likins</u> , personally known to me (or proved to me on the basis of is subscribed to the within instrument, and acknowledged to me is capacity, and that by his/her signature on the instrument the acted, executed the instrument.
WITNESS my hand and official seal.	
	NOTARY PUBLIC
My Commission Expires: Jan 8,2002	JESSICA LIKINS Commission \$ 1336171 Notary Public - California Alameda County My Comm. Expires Jan 8, 2006

Assignment						
Attorney Docket No.: 019186-00	)2510US					
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person, or the entity upon behalf	of which the	person acted, er	kecuted the inst	rument.		•
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						Commission # 1338171 Notary Public - California
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Attorney Docket No.: 019186-0	102510US		
Page 5			
Dated:	-		
			Roberto Attias
CTATE OF CALIFORNIA	ý.		
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COUNTY OF	ý	55.	
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personally appeared	nercon w	no Amas	, personally known to me (or proved to me on the basis of is subscribed to the within instrument, and acknowledged to me
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			n acted, executed the instrument.
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•			Michael Walfish
STATE OF CALIFORNIA	}		
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that he/she executed the same	in his/her	authorize	d capacity, and that by his/her signature on the instrument the
person, or the entity upon behal	f of which	the perso	n acted, executed the instrument.
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My Commission Expires: Jan.	8,20	20	
			JESSICA LIKINS Commission # 1338171
			Notary Public - California
			Alameda County ( My Comm. Expires Jan 8, 2008)
			M. MANNEY CYDLISTS CHOUSE WILLS SOUTH

Assignment Attorney Docket No.: 019186-0 Page 6	02510US		
Dated: <u>1 - 31 - 0 2</u>	inguare.	Diano Herrick  Diane Herrick	
STATE OF CALIFORNIA	)		
COUNTY OF	) ss.		
satisfactory evidence) to be the that he/she executed the same i	person whose nam in his/her authoriz	, before me, <u>lessica Likins</u> personally known to me (or proved to me on the is subscribed to the within instrument, and acknowled capacity, and that by his/her signature on the instrument, executed the instrument.	edged to me
WITNESS my hand and official	seal.		JESSICA LIKINS Commission # 1338171 Notary Public - Californi Alameda County Comm. Expires Jan 8, 20
My Commission Expirescan.	8,2602		
Dated:			
		John Byers	
STATE OF CALIFORNIA	)		
COUNTY OF	) ss. )		
On	John Byers	_, before me,, personally known to me (or proved to me on	the basis of
satisfactory evidence) to be the that he/she executed the same	person whose nam in his/her authoriz	ne is subscribed to the within instrument, and acknowled capacity, and that by his/her signature on the in on acted, executed the instrument.	edged to me
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		NOTARY PUBLIC	
Mai Cammicaian Evnicae			

Assignment Attorney Docket No.: 019186-002518US
Page 4
Dated: 02/01/ 2002
Serban Simu
STATE OF CALIFORNIA ) ss.
COUNTY OF )
On Friedran, 1,2001 hefore me 1 letter a 1, kins
On February 1,2001 , before me, United A. Line personally appeared Serban Simu , personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal.  JESSICA LIKINS Commission \$ 1338171 Notary Public - California Alameda County
My Commission Expires: Jan 8, 2006  My Commission Expires: Jan 8, 2006
Dated: 3/23/2002 Advice Ferrig
STATE OF CALIFORNIA )
COUNTY OF SS. SS.
On 3/23/02 before me, Jonathan Mallery, notar Abla, personally appeared Adrian Perrig personally income to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal.
Jonathan Madle
My Commission Expires: 6-28-05
Commission # 1309484  Commission # 1309484  Notary Public - California  Alameda County  My Correr. Expires Jun 28, 2005

Assignment Attorney Docket No.: 019186-002510US Page 5
Dated: 03/27/2002 Roberto Attias
STATE OF CALIFORNIA ) COUNTY OF COMTRA COSTA)  SS.
On MARCH 22 2002 before me, JOHNNY & BURNETT personally appeared Roberto Attias personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that have executed the same in his person acted, executed the instrument.
WITNESS my hand and official seal.  31. JBungy
My Commission Expires: NOV 19, 2003
Dated: 3 Jan 2002 Michael Walfish
STATE OF CALIFORNIA ) ) ss. COUNTY OF )
On January S1,2002, before me, VSLCALIKINS  personally appeared Michael Walfish, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal.  NOVARY PUBLIC
My Commission Expires: Jan R., 2000  JESSICA LIKINS  Commission # 1338171  Notary Public - California  Alamede County  My Comm. Expires Jan 8, 2006

Attorney Docket No.: 019186-002510US Page 6
Dated: 1-31-02 Diane Hernek
STATE OF CALIFORNIA )
COUNTY OF SS.
On Jan 31, 2002, before me, Jessica Likins, personally appeared Diane Hernek, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.  WITNESS my hand and official seal.
WITNESS my hand and official seal.  Commission # 1338171 Notary Public - Californi Alemeda County My Comm. Expires Jan 8, 20
My Commission Expires Com. 8, 2002
Dated: 3/26/02  Massichusells STATE OF GALLPORNIA  Dated: 3/26/02  John Byers  John Byers
COUNTY OF M: Address) 55.
On 3-21-03, before me,
WITNESS my hand and official seal.
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My Commission Expires:
Ny Commission Expires July 19, 2002

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Notary Public, Massachuseits
My Commission Expires July 19, 2002

PATENT REEL: 028084 FRAME: 0588

RECORDED: 04/20/2012