

01-26-2001



Attorney Docket No. 019186-002300US

FORM PTO-1595  
(Rev. 6-93)

101595379

U.S. Department of Commerce  
Patent and Trademark Office

To the Honorable Asst. Commissioner for Patents. Please record the attached original documents or copy thereof

## 1. Name of conveying party(ies):

Michael G. Luby  
Gavin Horn  
Jeffrey PerschJohn Byers  
Armin Haken  
Mike Mitzenmacher

1.11.01

Additional name(s) of conveying parties attached? ☐ Yes  
☒ No.

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other:

Execution Dates: December 8, 2000, December 22, 2000,  
December 26, 2000

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

Name: Digital Fountain

Internal Address:

Street Address: 600 Alabama Street

City: San Francisco State: CA ZIP: 94110

Additional names and addresses attached? ☐ Yes ☒ No

## 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: November 16, 2000, December 8, 2000, December 13, 2000 and December 26, 2000

A. Patent Application No(s): 09/668,452

B. Patent No(s):

Additional numbers attached? ☐ Yes ☒ 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<sup>th</sup> 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

☐ Enclosed ☒ Charge Fees to Deposit Account☒ 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.

*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.*Philip H. Albert  
Name of Person Signing

Atty. Reg. No. 35,819

  
Signature


  
Date

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

10. Change Correspondence Address to that of Part 5? ☒ Yes ☐ No

OMB No. 0651-0011 (exp. 4/94)

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Mail documents to be recorded with required cover to:

Asst. Commissioner for Patents  
Box: Assignments  
Washington, D.C. 20231

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40.00 CH

PATENT  
REEL: 011447 FRAME: 0561

## ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Michael G. Luby, of 1133 Miller Avenue, Berkeley, CA 94708; Gavin Horn, of 6363 Christie Avenue #2402, Emeryville, CA 94608; Jeffrey J. Persch, of 401 Stannage Avenue, Apt. 18, Albany, CA 94706; John Byers, of 55 Elgin Street, Newton, MA 02459; Armin Haken, of 135 Colon Avenue, San Francisco, CA 94112; Mike Mitzenmacher, of 105 Hammond Road #1, Belmont, MA 02478; 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:           ON DEMAND ENCODING WITH A WINDOW

Date(s) of execution of Declaration:   November 16, 2000, December 8, 2000,  
December 13, 2000, December 26, 2000

Filing Date:               September 22, 2000

Application No.:           09/668,452; and

WHEREAS, Digital Fountain, Inc., a corporation of the state of Delaware, located at 600 Alabama St., San Francisco, CA, 94110, 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.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8<sup>th</sup> Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

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

Dated: 12/8/00

Michael G. Luby  
Michael G. Luby

STATE OF CALIFORNIA )

COUNTY OF SAN FRANCISCO SS.

On DECEMBER 8, 2000, before me, LEE HARTGRAVE, Notary Public personally appeared Michael G. 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 PUBLIC

My Commission Expires: 12/26/02

Dated: 12/08/2000

Gavin Horn  
Gavin Horn

STATE OF CALIFORNIA )

COUNTY OF SAN FRANCISCO SS.

On DECEMBER 8, 2000, before me, LEE HARTGRAVE, Notary Public personally appeared Gavin Horn, 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: 12/26/02



Dated: 12/8/2000

Jeffrey J. Persch  
Jeffrey J. Persch

STATE OF CALIFORNIA )  
COUNTY OF San Francisco ss.

On December 8, 2000, before me,  
LEE HARTGRAVE, Notary Public, personally appeared Jeffrey J. Persch, 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.



Lee Hartgrave  
NOTARY PUBLIC

My Commission Expires: 12/26/02

Dated: \_\_\_\_\_

John Byers

STATE OF CALIFORNIA )  
COUNTY OF \_\_\_\_\_ ) ss.

On \_\_\_\_\_, before me,  
\_\_\_\_\_, personally appeared John Byers, 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: \_\_\_\_\_

Dated: 12/8/2000

Jeffrey J. Persch  
Jeffrey J. Persch

STATE OF CALIFORNIA )  
COUNTY OF San Francisco SS.

On December 8, 2000, before me,  
LEE HARTGRAVE, Notary Public, personally appeared Jeffrey J. Persch, 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.



Lee Hartgrave  
NOTARY PUBLIC

My Commission Expires: 12/26/02

Dated: 12/22/00

John W. Byers  
John Byers

STATE OF ~~CALIFORNIA~~ MA )  
COUNTY OF Middlesex ) SS.

On 12/22/00, before me,  
Daniel Kennedy, personally appeared John Byers, 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.

Daniel Kennedy  
NOTARY PUBLIC

My Commission Expires: November 3, 2006  
DANIEL KENNEDY  
Notary Public, Massachusetts

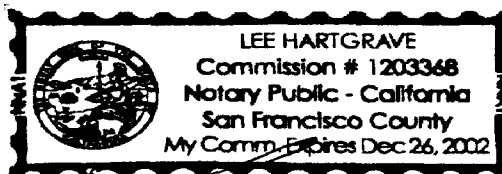
Dated: 12/8/2000

Armin Haken  
Armin Haken

STATE OF CALIFORNIA )  
COUNTY OF SAN FRANCISCO SS.

On December 8, 2000, before me,  
LEE HARTGRAVE, Notary Public, personally appeared Armin Haken, 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.



Armin Haken  
NOTARY PUBLIC

My Commission Expires: 12/26/02

Dated: \_\_\_\_\_

\_\_\_\_\_  
Mike Mitzenmacher

STATE OF CALIFORNIA )  
COUNTY OF \_\_\_\_\_ ) SS.

On \_\_\_\_\_, before me,  
\_\_\_\_\_, personally appeared Mike Mitzenmacher,

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: \_\_\_\_\_

Dated: 12/8/2000

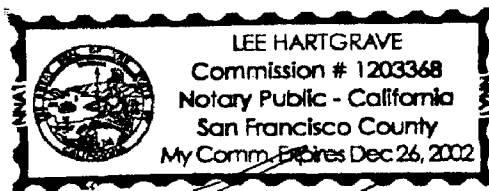
Armin Haken  
Armin Haken

STATE OF CALIFORNIA )

COUNTY OF SAN FRANCISCO ss.

On December 8, 2000, before me,  
LEE HARTGRAVE, Notary Public, personally appeared Armin Haken, 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.



Armin Haken  
NOTARY PUBLIC

My Commission Expires: 12/26/02

Dated: 12/26/00

Commonwealth of Massachusetts  
STATE OF CALIFORNIA )

COUNTY OF Middlesex ) ss.

Mike Mitzenmacher  
Mike Mitzenmacher

On December 26, 2000, before me,  
David V. Morrison, personally appeared Mike Mitzenmacher,  
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.

David V. Morrison  
NOTARY PUBLIC

My Commission Expires: December 20, 2002