

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Jeffrey E. Fitzsimmons</td><td>08/25/2011</td></tr><tr><td>Matthew Stockton</td><td>08/25/2011</td></tr><tr><td>Marc Della Torre</td><td>06/16/2011</td></tr></tbody></table>	Name	Execution Date	Jeffrey E. Fitzsimmons	08/25/2011	Matthew Stockton	08/25/2011	Marc Della Torre	06/16/2011	
Name	Execution Date								
Jeffrey E. Fitzsimmons	08/25/2011								
Matthew Stockton	08/25/2011								
Marc Della Torre	06/16/2011								
RECEIVING PARTY DATA									
Name:	HarQen, LLC								
Street Address:	1830 N. Hubbard St.								
Internal Address:	Suite 700								
City:	Milwaukee								
State/Country:	WISCONSIN								
Postal Code:	53212								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13163314</td></tr></tbody></table>	Property Type	Number	Application Number:	13163314					
Property Type	Number								
Application Number:	13163314								
CORRESPONDENCE DATA									
Fax Number: (414)225-9753 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone: 414-225-6305									
Email: docketing@boylefred.com									
Correspondent Name: Boyle Fredrickson, S.C.									
Address Line 1: 840 N. Plankinton Avenue									
Address Line 4: Milwaukee, WISCONSIN 53203									
ATTORNEY DOCKET NUMBER:	1732.014								
NAME OF SUBMITTER:	Michael S. Brayer								
Total Attachments: 5 source=00444546#page1.tif source=00444546#page2.tif source=00444546#page3.tif source=00444546#page4.tif source=00444546#page5.tif									

CH \$40.00 13163314

501644406

PATENT
REEL: 026838 FRAME: 0430

ASSIGNMENT

ASSIGNMENT made by **JEFFREY E. FITZSIMMONS** of 1787 N. Links Way, Milwaukee, WI 53217; **MATTHEW STOCKTON** of 1114 E. Lyon Street, Milwaukee, WI 53202; **MARC DELLA TORRE** of 1618 Dell Ct., San Jose, CA 95118; and to **HarQen, LLC**, a corporation organized under the laws of the state of Wisconsin, and located and doing business at 1830 N. Hubbard St., Suite 700, Milwaukee, WI 53212.

IN CONSIDERATION, of One Dollar (\$1.00) and other good and valuable considerations, the receipt of which is hereby acknowledged, **JEFFREY E. FITZSIMMONS, MATTHEW STOCKTON, and MARC DELLA TORRE** hereby sell, assign and transfer to said **HarQen, LLC**, its successors and assigns, the entire right, title and interest in:

SYSTEM AND METHOD FOR SYNCHRONOUSLY GENERATING AN INDEX TO A MEDIA STREAM

and the invention therein as set forth in their application for United States Letters Patent therefore, and in and to said application and any divisions or continuations thereof, and any Letters Patent obtained for the said invention in the United States and foreign countries, or issuing out of said application or any such division or continuation thereof, and any reissues or extensions of any such Letters Patent.

The Commissioner of Patents is hereby authorized and requested to issue Letters Patent for said invention to said **HarQen, LLC**, as assignee of the entire right, title and interest therein.

And, said **JEFFREY E. FITZSIMMONS, MATTHEW STOCKTON, and MARC DELLA TORRE** hereby covenant that they have full right to convey the entire right, title and interest in said invention, and that they have not executed and will not execute any agreement in conflict herewith.

And, they further covenant that they will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title in said **HarQen, LLC**, to said invention or any Letters Patent that may be granted therefore, and that if said **HarQen, LLC**, or its assignee, desires to make a substitute, divisional or continuation application for said invention, or to secure a reissue or extension of said Letters Patent, to file a disclaimer relating thereto, or an application for a corresponding patent in any foreign country, that they will, upon request, sign all papers, make all rightful oaths, and do all lawful acts requisite for the said purpose, but at the expense of said **HarQen, LLC**.

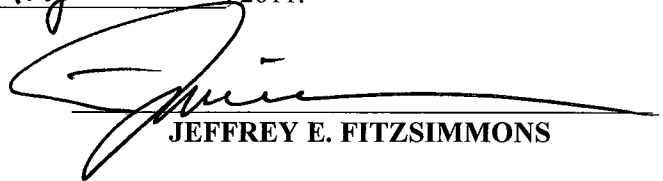
And, they further covenant and acknowledge that the entire beneficial interest in the invention to which the above application relates is irrevocably vested in the assignee including the right to make applications for protection in all countries abroad and to claim priority under the International Convention for such applications and hereby assent to the making of any such applications, with or without priority claim, and of any divisional applications resulting therefrom.

Title: SYSTEM AND METHOD FOR SYNCHRONOUSLY GENERATING AN INDEX TO A MEDIA STREAM
Inventors: Jeffrey E. Fitzsimmons, Matthew Stockton and Marc Della Torre
File No. 1732.014

And, they further covenant that they will at all times, communicate to the said **HarQen, LLC**, its successors, assigns, or legal representatives, all facts relating to said invention and Letters Patent, or the history thereof, known to them, and testify as to the same in interferences or other litigation when requested so to do. We hereby authorize the above-mentioned assignee or the attorney of record to insert in this instrument the filing date and serial number of my said application:

Serial No.: 13/163,314
Filing Date: 6/17/11

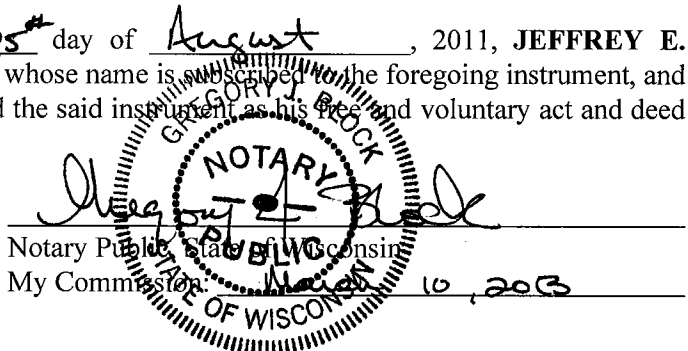
Executed and delivered this 25th day of August, 2011.


JEFFREY E. FITZSIMMONS

STATE OF WISCONSIN)
)
COUNTY OF MILWAUKEE)

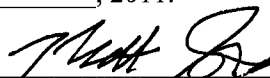
Personally appeared before me this 25th day of August, 2011, **JEFFREY E. FITZSIMMONS**, to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledge that he signed, sealed and delivered the said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

(SEAL)


Notary Public, State of Wisconsin
My Commission Expires March 10, 2013

Title: SYSTEM AND METHOD FOR SYNCHRONOUSLY GENERATING AN INDEX TO A MEDIA STREAM
Inventors: Jeffrey E. Fitzsimmons, Matthew Stockton and Marc Della Torre
File No. 1732.014

Executed and delivered this 25th day of AUGUST, 2011.



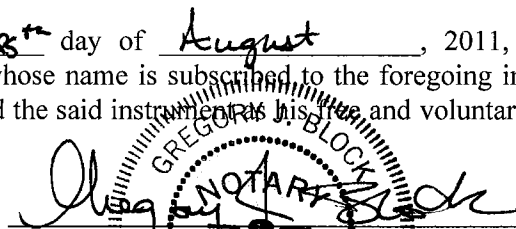
MATTHEW STOCKTON

STATE OF WISCONSIN)

COUNTY OF MILWAUKEE)

Personally appeared before me this 25th day of August, 2011, **MATTHEW STOCKTON**, to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledge that he signed, sealed and delivered the said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

(SEAL)



Gregory J. Block

Notary Public, State of Wisconsin

My Commission Expires: August 16, 2013

Title: SYSTEM AND METHOD FOR SYNCHRONOUSLY GENERATING AN INDEX TO A MEDIA STREAM
Inventors: Jeffrey E. Fitzsimmons, Matthew Stockton and Marc Della Torre
File No.: 1732.014

Executed and delivered this 16 day of June, 2011.



MARC DELLA TORRE

STATE OF CALIFORNIA)
)
COUNTY OF)

SEE ATTACHED
ACKNOWLEDGEMENT
FROM NOTARY

Personally appeared before me this ____ day of _____, 2011, **MARC DELLA TORRE**, to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledge that he signed, sealed and delivered the said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

(SEAL)

Notary Public, California
My Commission: _____

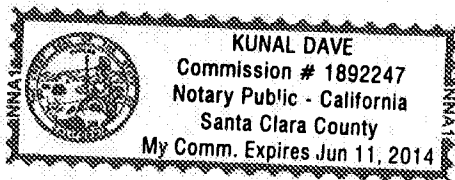
CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Santa Clara

On 6/16/2011 before me, Kunal Dave, Notary Public

personally appeared Marc Della Torre



who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Place Notary Seal Above

Signature Kunal Dave

Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: Assignment

Document Date: 6/16/2011

Number of Pages: 4

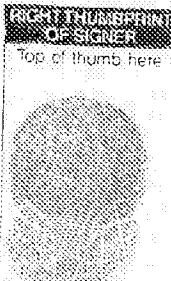
Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: Marc Della Torre

- ☒ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

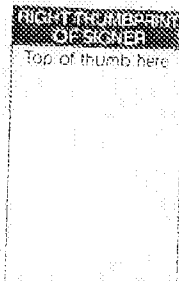
Signer Is Representing: _____



Signer's Name: _____

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____



PATENT

RECORDED: 08/31/2011

REEL: 026838 FRAME: 0435