

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2682608

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	CHANGE OF NAME
CONVEYING PARTY DATA	
Name	Execution Date
QUARK HOLDINGS, INC.	08/10/2011
RECEIVING PARTY DATA	
Name:	QH HOLDINGS CORPORATION
Street Address:	101 HUNTINGTON STREET, 25TH FLOOR
Internal Address:	C/O ROSTAM CAPITAL
City:	BOSTON
State/Country:	MASSACHUSETTS
Postal Code:	02199
PROPERTY NUMBERS Total: 11	
Property Type	Number
Patent Number:	6947959
Patent Number:	6081262
Patent Number:	5907704
Patent Number:	6052514
Patent Number:	6005560
Patent Number:	7116843
Patent Number:	6940518
Patent Number:	5541991
Patent Number:	7463793
Patent Number:	6633666
Application Number:	11251636
CORRESPONDENCE DATA	
Fax Number:	(617)523-1231
Phone:	6175701000

Email: rthomas@goodwinprocter.com  
*Correspondence will be sent via US Mail when the email attempt is unsuccessful.*  
Correspondent Name: RYAN E. THOMAS  
Address Line 1: GOODWIN PROCTER LLP  
Address Line 2: EXCHANGE PLACE, 53 STATE STREET  
Address Line 4: BOSTON, MASSACHUSETTS 02109-2881

NAME OF SUBMITTER:	RYAN E. THOMAS
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Signature:	/Ryan E. Thomas/
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Date:	01/15/2014
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**Total Attachments: 2**

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# Delaware

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*The First State*

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "QUARK HOLDINGS, INC.", CHANGING ITS NAME FROM "QUARK HOLDINGS, INC." TO "QH HOLDINGS CORPORATION", FILED IN THIS OFFICE ON THE TENTH DAY OF AUGUST, A.D. 2011, AT 10:57 O'CLOCK A.M.

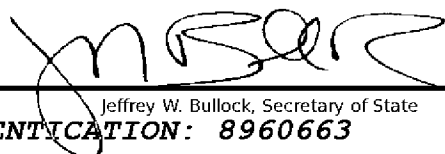
A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE KENT COUNTY RECORDER OF DEEDS.

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You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 8960663

DATE: 08-10-11

PATENT  
REEL: 032020 FRAME: 0144

CERTIFICATE OF AMENDMENT  
OF  
CERTIFICATE OF INCORPORATION  
OF  
QUARK HOLDINGS, INC.  
Pursuant to Section 242  
of the General Corporation Law of  
the State of Delaware

Quark Holdings, Inc. (hereinafter called the "Corporation"), organized and existing under and by virtue of the General Corporation Law of the State of Delaware, does hereby certify as follows:

The Board of Directors of the Corporation duly adopted a resolution setting forth an amendment to the Certificate of Incorporation of the Corporation and declaring said amendment to be advisable. The stockholders of the Corporation duly approved said proposed amendment by written consent in accordance with Sections 228 and 242 of the General Corporation Law of the State of Delaware. The resolution setting forth the amendment is as follows:

**RESOLVED:** That Article I of the Certificate of Incorporation of the Corporation be and hereby is deleted in its entirety and the following inserted in lieu thereof:

"The name of the Corporation shall be QH Holdings Corporation."

IN WITNESS WHEREOF, Quark Holdings, Inc. has caused this Certificate to be executed this tenth day of August, 2011 by its President.

Quark Holdings, Inc.

/S/Gregory Jones  
Gregory Jones, President