

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4095194

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	USTREAM, INC.	08/29/2016
RECEIVING PARTY DATA		
Name:	INTERNATIONAL BUSINESS MACHINES CORPORATION	
Street Address:	NEW ORCHARD ROAD	
City:	ARMONK	
State/Country:	NEW YORK	
Postal Code:	10504	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15202689
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NAME OF SUBMITTER:	JACK P. FRIEDMAN, REG. NO. 44688	
SIGNATURE:	/Jack P. Friedman/	
DATE SIGNED:	10/13/2016	
Total Attachments: 3		
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PATENT ASSIGNMENT

WHEREAS, Ustream, Inc., a Delaware corporation (referred to as "Company"), whose full post office address is 410 Townsend Street, Suite 410, San Francisco, California 94107 has ownership of the patent applications listed on Schedule A hereto, all patents which may issue therefrom, and all divisionals, reissues, substitutions, continuations, re-examinations and extensions thereof which may be pending in or granted by any patent office or forum throughout the world (referred to as the "Patents") and whereas Company owns all inventions disclosed and claimed in the Patents ("Inventions");

WHEREAS, International Business Machines Corporation, a New York corporation whose full post office address is New Orchard Road, Armonk, New York 10504, United States of America (referred to as "IBM"), desires to acquire the entire right, title and interest in and to the Inventions and Patents; and

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Company hereby transfers and assigns to IBM free and clear of all liens or other encumbrances, and IBM hereby accepts the transfer and assignment of, the entire right, title, and interest of Company in and to the Patents and Inventions, and all rights of priority resulting from the filing of the Patents; and Company hereby authorizes and requests the Commissioner of Patents and any other relevant authority to issue all patents related to the Patents to IBM as assignee of Company's entire right, title and interest therein.

Company also hereby transfers and assigns to IBM, and IBM hereby accepts the transfer and assignment of, any foreign rights to the Inventions and Patents, in all countries of the world, including the right to file applications, prosecute, and obtain patents under any treaty including the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, and of the European Patent Convention. Company agrees that this executed document is recordable evidence of such transfer and assignment and further agrees to perform at IBM's expense, upon reasonable notice, such lawful acts and to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such foreign patent rights.

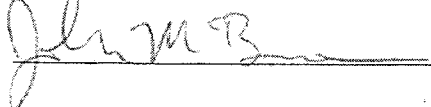
Upon the written request of IBM, Company hereby further agrees that Company will sign all lawful papers, execute all divisional, continuation, reissue, re-examination, and substitute applications, make all lawful oaths, and provide reasonable assistance to aid IBM, its successors, assigns and nominees to facilitate the prosecution and maintenance of the Patents in all countries of the world.

This transfer and assignment is effective as of July 1, 2016.

IN WITNESS WHEREOF, the parties hereto have executed this Patent Assignment by its respective duly authorized officer in their respective corporate names.

Ustream, Inc.

By: John McBroom



Title: Secretary

Date: Aug 29, 2016

International Business Machines Corporation

By: Lisa Regan



Title: Director, Research and Intellectual Property Finance

Date: 9/28/16

Ustream, Inc. to International Business Machines Corporation

Schedule A

ISSUED PATENTS						
Patent Number	Issue Date	Application No.	Filing Date	Title	Country	Owner
8620878	12/31/2013	12/176934	7/21/2008	SYSTEM AND METHOD OF DISTRIBUTING MULTIMEDIA CONTENT	US	Ustream, Inc.
8819134	8/26/2014	12/949525	11/18/2010	BROADCAST NOTIFICATIONS USING SOCIAL NETWORKING SERVICES	US	Ustream, Inc.
9088804	7/21/2015	13/592161	8/22/2012	ON-DEMAND SELECTION OF TRANSCODING FORMATS FOR MULTIMEDIA BROADCAST STREAMS	US	Ustream, Inc.
9185152	11/10/2015	13/592171	8/22/2012	BIDIRECTIONAL COMMUNICATION ON LIVE MULTIMEDIA BROADCASTS	US	Ustream, Inc.

PATENT APPLICATIONS				
Application No.	Filing Date	Title	Country	Owner
60/950863	7/19/2007	SYSTEM AND METHOD OF DISTRIBUTING MULTIMEDIA CONTENT	US	Ustream, Inc.
61/263196	11/20/2009	BROADCAST NOTIFICATIONS USING SOCIAL NETWORKING SERVICES	US	Ustream, Inc.
14/329848	7/11/2014	BROADCAST NOTIFICATIONS USING SOCIAL NETWORKING SERVICES	US	Ustream, Inc.

61/527485	8/25/2011	TRANSCODING LIVE VIDEO REAL-TIME	US	Ustream, Inc.
62/562377	11/21/2011	ON-DEMAND SELECTION OF TRANSCODING FORMATS FOR MULTIMEDIA BROADCAST STREAMS	US	Ustream, Inc.
61/527480	8/25/2011	REAL-TIME INTELLIGENCE AND TELEMETRY ON LIVE VIDEO	US	Ustream, Inc.
14/879956	10/9/2015	BIDIRECTIONAL COMMUNICATION ON LIVE MULTIMEDIA BROADCASTS	US	Ustream, Inc.
61/570763	12/14/2011	BIDIRECTIONAL COMMUNICATION ON LIVE MULTIMEDIA BROADCASTS	US	Ustream, Inc.
62/112913	2/6/2015	TECHNIQUES FOR MANAGING TELEMETRY DATA FOR CONTENT DELIVERY AND/OR DATA TRANSFER NETWORKS	US	Ustream, Inc.
15/018134	2/8/2016	TECHNIQUES FOR MANAGING TELEMETRY DATA FOR CONTENT DELIVERY AND/OR DATA TRANSFER NETWORKS	US	Ustream, Inc.
62/189986	7/8/2015	TECHNIQUES TO IMPROVE STORAGE AND DELIVERY OF MULTIMEDIA CONTENT	US	Ustream, Inc.
15/202689	7/6/2016	PROCESSING OF STREAMED MULTIMEDIA DATA	US	Ustream, Inc.
62/191210	7/10/2015	PROXY STREAMS IN A VIDEO STREAMING NETWORK	US	Ustream, Inc.
15/204414	7/7/2016	PROXY STREAMS IN A VIDEO STREAMING NETWORK	US	Ustream, Inc.