

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6481096

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST	
CONVEYING PARTY DATA		
	Name	Execution Date
	PNC BANK, NATIONAL ASSOCIATION	08/28/2020
RECEIVING PARTY DATA		
Name:	DELUXE 3D LLC	
Street Address:	2400 WEST EMPIRE AVENUE	
City:	BURBANK	
State/Country:	CALIFORNIA	
Postal Code:	91504	
Name:	DELUXE CREATIVE SERVICES INC.	
Street Address:	2400 WEST EMPIRE AVENUE	
City:	BURBANK	
State/Country:	CALIFORNIA	
Postal Code:	91504	
Name:	DELUXE MEDIA INC.	
Street Address:	2400 WEST EMPIRE AVENUE	
City:	BURBANK	
State/Country:	CALIFORNIA	
Postal Code:	91504	
Name:	DELUXE ENTERTAINMENT SERVICES INC.	
Street Address:	2400 WEST EMPIRE AVENUE	
City:	BURBANK	
State/Country:	CALIFORNIA	
Postal Code:	91504	
Name:	DELUXE LABORATORIES LLC	
Street Address:	2400 WEST EMPIRE AVENUE	
City:	BURBANK	
State/Country:	CALIFORNIA	
Postal Code:	91504	
Name:	DELUXE ONE LLC	
Street Address:	2400 WEST EMPIRE AVENUE	
City:	BURBANK	

PATENT

State/Country:	CALIFORNIA
Postal Code:	91504
Name:	DELUXE BROADCAST SERVICES LTD.
Street Address:	FILM HOUSE, 142 WARDOUR STREET
City:	LONDON
State/Country:	UNITED KINGDOM
Postal Code:	W1F 8DD
Name:	DELUXE UK HOLDINGS LIMITED
Street Address:	FILM HOUSE, 142 WARDOUR STREET
City:	LONDON
State/Country:	UNITED KINGDOM
Postal Code:	W1F 8DD

PROPERTY NUMBERS Total: 14

Property Type	Number
Patent Number:	8538135
Patent Number:	8977039
Patent Number:	8638329
Patent Number:	8681182
Patent Number:	9342861
Patent Number:	10229535
Application Number:	15884015
Application Number:	15884145
Application Number:	16376580
Application Number:	16664502
Application Number:	16664205
Application Number:	16664043
Application Number:	16663736
Application Number:	16663657

CORRESPONDENCE DATA

Fax Number: (212)806-6006

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 212-806-5400

Email: mvillarin@stroock.com, jmann@stroock.com

Correspondent Name: STROOCK & STROOCK & LAVAN LLP

Address Line 1: 180 MAIDEN LANE

Address Line 4: NEW YORK, NEW YORK 10038

ATTORNEY DOCKET NUMBER: 006633/0003

NAME OF SUBMITTER:	JEFFREY MANN
SIGNATURE:	/JEFFREY MANN/
DATE SIGNED:	01/05/2021
Total Attachments: 7 source=09. Release of Intellectual Property Security Interest (ABL) - Executed#page1.tif source=09. Release of Intellectual Property Security Interest (ABL) - Executed#page2.tif source=09. Release of Intellectual Property Security Interest (ABL) - Executed#page3.tif source=09. Release of Intellectual Property Security Interest (ABL) - Executed#page4.tif source=09. Release of Intellectual Property Security Interest (ABL) - Executed#page5.tif source=09. Release of Intellectual Property Security Interest (ABL) - Executed#page6.tif source=09. Release of Intellectual Property Security Interest (ABL) - Executed#page7.tif	

RELEASE OF SECURITY INTEREST
IN INTELLECTUAL PROPERTY

DELUXE 3D LLC, a Delaware limited liability company having an office at 2400 West Empire Avenue, Burbank, CA 91504, ("Deluxe 3D"), DELUXE CREATIVE SERVICES INC., a Delaware corporation having an office at 2400 West Empire Avenue, Burbank, CA 91504 ("DCS"), DELUXE MEDIA INC., a Delaware corporation having an office at 2400 West Empire Avenue, Burbank, CA 91504 ("DMI"), DELUXE ENTERTAINMENT SERVICES INC., a Delaware corporation having an office at 2400 West Empire Avenue, Burbank, CA 91504 ("Deluxe Entertainment"), DELUXE LABORATORIES LLC, a Delaware limited liability company having an office at 2400 West Empire Avenue, Burbank, CA 91504 ("Deluxe Laboratories"), DELUXE ONE LLC, a Delaware limited liability company having an office at 2400 West Empire Avenue, Burbank, CA 91504 ("Deluxe One"), DELUXE BROADCAST SERVICES LTD, a limited company registered in England and Wales with registration number 6007577, having an office at Film House, 142 Wardour Street, London W1F 8DD ("Deluxe Broadcast"), and DELUXE UK HOLDINGS LIMITED a limited company registered in England and Wales with registration number 5677041, having an office at Film House, 142 Wardour Street, London W1F 8DD ("Deluxe UK", together with Deluxe 3D, DCS, DMI, Deluxe Entertainment, Deluxe Laboratories, Deluxe One, and Deluxe Broadcast collectively the "Grantors" and each a "Grantor") executed an Intellectual Property Security Agreement dated as of January 6, 2020 ("IPSA") in favor of PNC BANK, NATIONAL ASSOCIATION having an office at 500 First Avenue, Pittsburgh, PA 15219, a Pennsylvania National Banking Association in its capacity as agent for the Lenders (in such capacity the "Agent") which IPSA was duly recorded on January 8, 2020 at Reel 051521, Frame 0411 for patents and at Reel 6833, Frame 0948 for trademarks in the United States Patent and Trademark Office, and pursuant to which each Grantor granted to the Agent for the benefit of the Secured Parties a security interest in all of such Grantor's right, title and interest in and to certain IP Collateral, including, but not limited to those patents and/or patent applications listed on Exhibit A attached hereto (the "Released Patents") and those trademarks and/or trademark applications listed on Exhibit B attached hereto (the "Released Trademarks" collectively with the Released Patents the "Released IP"). Terms not otherwise defined herein shall have the meaning ascribed to them in the IPSA.

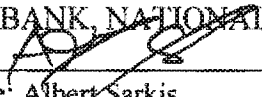
For good and valuable consideration, receipt of which is hereby acknowledged, Agent hereby terminates, releases and discharges any and all security interests that it has pursuant to the IPSA in the Released IP.

The Agent hereby authorizes and requests the Commissioner of Patents and the Commissioner of Trademarks to record this Release of Security Interest in Intellectual Property in the United States Patent and Trademark Office with regard to the IPSA and Released IP.

IN WITNESS WHEREOF, Agent has executed this Release of Security Interest in Intellectual Property as of this 28th day of August 2020.

Agent

PNC BANK, NATIONAL ASSOCIATION

By:  _____

Name: Albert Sarkis

Title: Senior Vice President

Exhibit A

Patents and Patent Applications

Title	Jurisdiction	Patent Number/ (Application Number)	Registration Date/ (Application Date)	Grantor
PULLING KEYS FROM COLOR SEGMENTED IMAGES	United States	8538135	9/17/2013	Deluxe 3D LLC
PULLING KEYS FROM COLOR SEGMENTED IMAGES	United States	8977039	3/10/2015	Deluxe 3D LLC
AUTO-STEREOSCOPIC INTERPOLATION	United States	8638329	1/28/2014	Deluxe 3D LLC
ALTERNATE VIEWPOINT RENDERING	United States	8681182	3/25/2014	Deluxe 3D LLC
ALTERNATE VIEWPOINT RENDERING	United States	9342861	5/17/2016	Deluxe 3D LLC
SYSTEMS AND METHODS FOR AUTOMATED VIRTUAL GEOMETRY DEFORMATION	United States	10229535	3/12/2019	Deluxe Creative Services Inc.
DELIVERY OF HIGH-FIDELITY CONTENT	United States	(15884015)	(1/30/2018)	Deluxe Creative Services Inc.
COGNITIVE INDEXING OF IMAGES IN DIGITAL VIDEO CONTENT	United States	(15884145)	(1/30/2018)	Deluxe Creative Services Inc.
CONFORMANCE OF MEDIA CONTENT TO ORIGINAL CAMERA SOURCE USING OPTICAL CHARACTER RECOGNITION	United States	(16376580)	(4/5/2019)	Deluxe Creative Services Inc.
DIGITAL MODEL CALIBRATION USING SIDE BUMPER IN AN AUGMENTED REALITY SYSTEM	United States	(16664502)	(10/25/2019)	

Title	Jurisdiction	Patent Number/ (Application Number)	Registration Date/ (Application Date)	Grantor
DIGITAL MODEL CALIBRATION USING VIRTUAL GATE IN AN AUGMENTED REALITY SYSTEM	United States	(16664205)	(10/25/2019)	
DIGITAL PLACEMENT IN AN AUGMENTED REALITY SYSTEM	United States	(16664043)	(10/25/2019)	
CAMERA PATH EXTRACTION IN AUGMENTED REALITY GENERATION	United States	(16663736)	(10/25/2019)	
HORIZONTAL PLANE ALIGNMENT IN AN AUGMENTED REALITY SYSTEM	United States	(16663657)	(10/25/2019)	
BROADCASTING APPARATUS	United Kingdom	2522296	10/4/2016	Deluxe Broadcast Services Ltd.

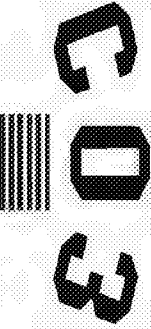
Exhibit B

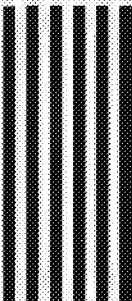
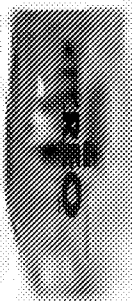
Trademarks and Trademark Applications

Mark	Jurisdiction	Registration Number/ (Application Number)	Registration Date/ (Application Date)	Grantor
COLORSTREAM	United Kingdom	1356593	1/9/2018	Deluxe Creative Services Inc.
COLORSTREAM	United Kingdom	1356597	10/24/2017	Deluxe Creative Services Inc.
COLORSTREAM	United Kingdom	1354372	9/27/2017	Deluxe Creative Services Inc.
DELUXE & Design (new)	United Kingdom	UK00003165449	12/2/2016	Deluxe Entertainment Services Group Inc.
EFILM	United Kingdom	2340890	8/3/2007	Deluxe Creative Services Inc.
EFILM DIGITAL LABORATORIES & Design	United Kingdom	2340891	10/1/2004	Deluxe Creative Services Inc.
MEDIUSONE	United Kingdom	UK00003259916	1/26/2018	Deluxe Entertainment Services Group Inc.
SFERA	United Kingdom	UK00003204193	4/7/2017	Deluxe Entertainment Services Group Inc.
SYNAPSE	United Kingdom	1373392	4/10/2018	Deluxe Entertainment Services Group Inc.
WEBWATCH	United Kingdom	UK00003248076	12/15/2017	Deluxe Entertainment Services Group Inc.
BEAST & Design	United States	(88/519,545)	(7/17/2019)	Deluxe Creative Services Inc.

PATENT

REEL: 054819 FRAME: 0231

Mark	Jurisdiction	Registration Number/ (Application Number)	Registration Date/ (Application Date)	Grantor
CO3	United States	3399692	3/18/2008	Deluxe Creative Services Inc.
CO3 & Design (6 bars)	United States	4260495	12/18/2012	Deluxe Creative Services Inc.
				
COLORSTREAM	United States	5217923	6/6/2017	Deluxe Creative Services Inc.
COLORSTREAM	United States	3752731	2/23/2010	Deluxe Creative Services Inc.
COLORSTREAM	United States	3755182	3/2/2010	Deluxe Creative Services Inc.
COMPANY 3	United States	5184448	4/18/2017	Deluxe Creative Services Inc.
COMPANY 3	United States	3403187	3/25/2008	Deluxe Creative Services Inc.
DELUXE & Design (filled - red)	United States	3653056	7/14/2009	Deluxe Entertainment Services Group Inc.
DELUXE & Design (filled - red)	United States	3678251	9/8/2009	Deluxe Entertainment Services Group Inc.
DELUXE & Design (filled - red)	United States	3653057	7/14/2009	Deluxe Entertainment Services Group Inc.
DELUXE & Design (filled - red)	United States	3653058	7/14/2009	Deluxe Entertainment Services Group Inc.
DELUXE & Design (filled - red)	United States	3656058	7/14/2009	Deluxe Entertainment Services Group Inc.
DELUXE & Design (filled - red)	United States	3678252	9/8/2009	Deluxe Entertainment Services Group Inc.
DELUXE & Design (in color, digitized)	United States	4377271	7/30/2013	Deluxe Entertainment Services Group Inc.
EC3	United States	4726921	4/28/2015	Deluxe Creative Services Inc.
EC3 & Design	United States	4726923	4/28/2015	Deluxe Creative Services Inc.
EFLM	United States	3190410	1/2/2007	Deluxe Creative Services Inc.
EFLM & Design	United States	2011274	10/29/1996	Deluxe Creative Services Inc.
ENCORE	United States	5306398	10/10/2017	Deluxe Creative Services Inc.
ENCORE & Design	United States	5306402	10/10/2017	Deluxe Creative Services Inc.

Mark	Jurisdiction	Registration Number/ (Application Number)	Registration Date/ (Application Date)	Grantor
LEAPCLOUD	United States	4590255	8/19/2014	Deluxe Entertainment Services Group Inc.
METHOD	United States	2480453	8/21/2001	Deluxe Creative Services Inc.
METHOD MADE	United States	6,038,079	4/21/2020	Deluxe Creative Services Inc.
Miscellaneous Design (6 bars)	United States	5154127	3/7/2017	Deluxe Creative Services Inc.
				
MOBILABS	United States	4273492	1/8/2013	Deluxe Media Creative Services Inc.
STEREO D	United States	4297507	3/5/2013	Deluxe 3D LLC
STEREO D & Design	United States	4297508	3/5/2013	Deluxe 3D LLC
				
SYNAPSE	United States	5482237	5/29/2018	Deluxe Entertainment Services Group Inc.

PATENT

REEL: 054819 FRAME: 0233

RECORDED: 01/05/2021