

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4280907

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOHN EDWARD CAVE	10/30/2014
ARVIN Z. CHAN	09/10/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NFL ENTERPRISES LLC
<b>Street Address:</b>	345 PARK AVENUE
<b>City:</b>	NEW YORK
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10154
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15391327
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(512)236-3377
<i>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.</i>	
<b>Phone:</b>	(512) 542-8459
<b>Email:</b>	iptldocket@velaw.com
<b>Correspondent Name:</b>	TIMOTHY S. CORDER, PATENT AGENT
<b>Address Line 1:</b>	VINSON & ELKINS LLP
<b>Address Line 2:</b>	1001 FANNIN STREET, SUITE 2500
<b>Address Line 4:</b>	HOUSTON, TEXAS 77002-6760
<b>ATTORNEY DOCKET NUMBER:</b>	NAT557/4-001CONUS
<b>NAME OF SUBMITTER:</b>	TIMOTHY S. CORDER, PATENT AGENT
<b>SIGNATURE:</b>	/Timothy S. Corder/
<b>DATE SIGNED:</b>	02/17/2017
<b>Total Attachments: 2</b>	
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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to NFL Enterprises LLC (the "Assignee"), having a place of business at 345 Park Avenue, New York, New York 10154, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent Serial No. 14/330,937 entitled **VIDEO REPLAY SYSTEMS AND METHODS**, such application and all divisional, continuing, continuation-in-part, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof, and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

(Signature) John Edward Cave Date: 10/30/14  
Name: John Edward Cave

BEFORE ME, the undersigned authority, on this 30<sup>th</sup> day of October, 2014, personally appeared John Edward Cave, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he executed the same of his own free will for the purposes and consideration therein expressed.

June D. Fraser  
Notary or Consular Officer

[SEAL]

June D. Fraser  
Notary Public, State of New York  
ID NO. 01FR8278823  
Qualified in Broome County, My Commission Exp. 2/25/2017

(Signature)  
Name:

Arvin Z. Chan  
Arvin Z. Chan

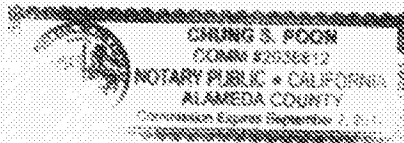
Date:

9/10/2014

BEFORE ME, the undersigned authority, on this 10<sup>th</sup> day of September, 2014, personally appeared Arvin Z. Chan, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[Signature]  
Notary or Consular Officer

[SEAL]



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