504381202 05/23/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID B. LOCKTON	06/06/2007
MARK K. BERNER	07/11/2007
MARK J. MICHELI	07/11/2007
DAVID LOWE	07/11/2007

RECEIVING PARTY DATA

Name:	AIRPLAY NETWORK, INC.	
Street Address:	1 RHODE ISLAND	
City:	SAN FRANCISCO	
State/Country:	CALIFORNIA	
Postal Code:	94103	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15603368

CORRESPONDENCE DATA

Fax Number: (408)530-9797

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 408-530-9700

Email: JOWENS@HOLLP.COM **Correspondent Name:** HAVERSTOCK & OWENS LLP

162 N WOLFE ROAD Address Line 1:

Address Line 4: SUNNYVALE, CALIFORNIA 94086

ATTORNEY DOCKET NUMBER:	AIRP-01029	
NAME OF SUBMITTER:	JONATHAN O. OWENS	
SIGNATURE:	/Jonathan O. Owens/	
DATE SIGNED:	05/23/2017	

Total Attachments: 4

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> **PATENT** REEL: 042484 FRAME: 0221 504381202

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PATENT REEL: 042484 FRAME: 0222

Attorney Docket No.: <u>AIRP-01001</u>

ASSIGNMENT

WHEREAS, WE, <u>David B. Lockton. Mark K. Berner, Mark J. Micheli and David Lowe</u>, hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: A METHODOLOGY FOR EQUALIZING SYSTEMIC LATENCIES IN TELEVISION RECEPTION IN CONNECTION WITH GAMES OF SKILL PLAYED IN CONNECTION WITH LIVE TELEVISION PROGRAMMING Filing Date: April 12, 2007 Serial No.: 11/786,992 Date of execution of application: WHEREAS, Airplay Network, Inc., a corporation of the State of California. 1 Rhode Island, San Francisco. CA 94103, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same; NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee, and Assignee's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this assignment and transfer not been made, to the full end and term of any Letters Patent. Assignors further agree that they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said Assignee, or Assignee's successors and assigns. IN TESTIMONY WHEREOF, Assignors have hereunto signed their names to this assignment on the dates indicated below. Date Mark K. Berner Date Mark J. Micheli Date David Lowe STATE OF COUNTY OF before me, personally appeared David B. Lockton, Mark K. Berner. Mark J. Micheli and David Lowe

personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person(s) whose names are the within instrument and acknowledged to me that subscribed to 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. WITNESS my hand and official seal. **SEAL**

> PATENT REEL: 042484 FRAME: 0223

Signature of Notary Public

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT State of California before me. personally appeared ☐ personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the KEVIN JOSEPH BECKMAN within instrument and acknowledged to me that Commission # 1613615 he/she/they executed the same in his/her/their authorized Notary Public - California capacity(ies), and that by his/her/their signature(s) on the Monterey County instrument the person(s), or the entity upon behalf of My Comm. Expires Oct 16, 2009 which the person(s) acted, executed the instrument. WITNESS my hand and official seal. Place Notary Seal Above Signature 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: Number of Pages: ___ Document Date: Signer(s) Other Than Named Above: Capacity(ies) Claimed by Signer(s) Signer's Name: _ Signer's Name:_ □ Individual □ Individual ☐ Corporate Officer — Title(s):_ □ Corporate Officer — Title(s): _ □ Partner — □ Limited □ General ☐ Partner — ☐ Limited ☐ General RIGHT THUMBPRINT OF SIGNER RIGHT THUMBPRINT OF SIGNER ☐ Attorney in Fact ☐ Attorney in Fact Top of thumb here Top of thumb here □ Trustee □ Trustee

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☐ Guardian or Conservator

Signer Is Representing: _

☐ Other:_

Attorney Docket No.: <u>AJRP-01001</u>

ASSIGNMENT

Add	SECTAMENT C
WHEREAS, WE. <u>David B. Lockton</u> , <u>Mark K. Ber</u> "ASSIGNORS", have invented certain new and useful imprespilication for United States Letters Patent:	ncr. Mark J. Micheli and David Lowe, hereinafter referred to as overnents as described and set forth in the below-identified
Title of Invention: A METHODOLOGY FOR EQUALIZING CONNECTION WITH GAMES OF SKIL PROGRAMMING	SYSTEMIC LATENCIES IN TELEVISION RECEPTION IN L PLAYED IN CONNECTION WITH LIVE TELEVISION
Date of execution of application:	Filing Date: <u>April 12, 2007</u> Serial No.: <u>11/786,992</u>
WHEREAS, Airplay Network, Inc., a corporation 94103, hereinafter referred to as "ASSIGNEE", is desirous o application and in any Letters Patent which may be granted or	of the State of California, 1 Rhode Island, San Francisco, CA f acquiring the entire right, title and interest in said invention and on the same;
receipt of which is hereby acknowledged. Assignors have so transfer unto said Assignee, and Assignee's successors and a application for United States Letters Patent, and any Letters States and all countries throughout the world including any econymisms refersives, prolongations or extensions thereof 5:	CONCERN: Be it known that, for good and valuable consideration, Id, assigned and transferred, and by these presents do sell, assign and ssigns, all right, title and interest in and to said invention, said Patent which may hereafter be granted on the same in the United divisions, renewals, continuations in whole or in part, substitutions, aid interest to be held and enjoyed by said Assignee as fully and Assignors had this assignment and transfer not been made, to the full
Assignee in the prosecution of said application and/or applications for Letters Patent and for the and will perform such other acts as Assignee lawfully may reimprovement in any and all countries, and to vest title theret	
IN TESTIMONY WHEREOF, Assignors have her below.	reunto signed their names to this assignment on the dates indicated
David B. Lockton	Date
1///	a/l.
//// />	1/1/107
Mark K. Berner	Date
May 1916	7/11/07
Mark J. Micheli	Date
12 AC-	7/11/27
David Lowe	Date
STATE OF	
COUNTY OF	
On	rk J. Micheli and David Lowe
□ personally known to me - OR - □ proved to me on the basubscribed to	isis of satisfactory evidence to be the person(s) whose names are 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,
,	WITNESS my hand and official seal.
SEAL	Signature of Notary Public

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State of California)
County of SAN FRANCISCO	\$ 58.
on July 11, 2007, before me.	Robert Von Hoordieke Notery Public
poregonally appeared MARY K.T	Name and Title of Official (a.g., "Jane Doe, Notary Poolic") REPORT MARK J. Micheli,
ersonally appeared ,	SERNER MARK J. Micheli, Name(s) & Signer(s)
Aur Dece	
	☐ personally known to me
ROBERT VAN HOOREBEKE Commission # 1668389 Notary Public - California San Francisco County My Comm. Expires May 20, 2010	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 hic/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.
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