UNITED STATES PATENT AND TRADEMARK OFFICE
<del></del>
BEFORE THE PATENT TRIAL AND APPEAL BOARD
RIOT GAMES, INC.,
Petitioner,
V.
•••
PALTALK HOLDINGS, INC.,
Patent Owner.
Case IPR2018-00131
Patent 6,226,686

PATENT OWNER'S RESPONSE TO PETITION FOR INTER PARTES REVIEW OF U.S. PATENT NO. 6,226,686



# TABLE OF CONTENTS

I.	INT	RODUCTION	1
II.	CLA	IM CONSTRUCTION	1
<b>A.</b>	"AG	GREGATED MESSAGE" (CLAIMS 1, 3, 7, 12) AND "SERVER MESSAGE" (CLAIM 18)	4
В.	"AG	GREGATED PAYLOAD" (CLAIMS 1, 7, 12); "AGGREGATING SAID PAYLOAD	
	POR	TIONS" (CLAIM 3) AND "AGGREGATING SAID PAYLOAD PORTION WITH THE	
	PAY	LOAD PORTION OF A SECOND HOST MESSAGE" (CLAIM 18)	.13
III.	PET	ITIONER HAS FAILED TO PROVE INVALIDITY WITH RESPECT TO	
	ANY	OF THE '686 PATENT CLAIMS	.15
A.	Рет	TITIONER'S MOTIVATION TO COMBINE ALDRED AND RFC 1692	.15
B.	Рет	TITIONER HAS FAILED TO FULLY SUPPORT THE MOTIVATION TO COMBINE	
	ALI	ORED AND RFC 1692	.18
	1. The	CSP in Aldred has an "order" requirement	20
2	2. Peti	tioner failed to consider the effects of large packets with respect to the serialization process of Aldred	21
÷		tioner failed to consider the requirements of packet order in the Serialization process when Aldred RFC 1692 are combined	23
2		tioner failed to consider why a POSITA would turn to RFC 1692 when Aldred already discusses rnative bandwidth solutions	29
		tioner's Failure to Consider the Issues in Sections III.B.1-4. Render Its Obviousness Analysis ufficient	31
C.	Рет	TITIONER HAS FAILED TO DEMONSTRATE THAT ALDRED IN VIEW OF RFC 1692	
	REN	NDERS OBVIOUS CLAIMS 1-4, 7-21, 28-30, 34, 35, 39, 40, 47-49, 53, 54, 56, 57, 64-66,	
	AND	70 OF THE '686 PATENT UNDER 35 U.S.C. § 103	.33
	1. Ald	red in view of RFC 1692 does not render obvious Claims 1, 3, 7, 12, and 18	33
	p p	etitioner has failed to demonstrate that RFC 1692 discloses or suggests "aggregating said payload ortions of said host messages to create an aggregated payload" (Claim 1 and 3); "aggregating said ayload portions of said messages to create an aggregated payload" (Claim 7 and 12); and aggregating said payload portion with the payload portion of a second host message" (Claim 18)	33
	n	etitioner has failed to demonstrate that RFC 1692 discloses or suggests "forming an aggregated nessage using said aggregated payload" (Claims 1, 12); "create an aggregated message" (Claim 3); said aggregated message" (Claim 7); and "forming a server message" (Claim 18)	43
2	2. Ald	red in view of RFC 1692 does not render obvious Claims 30, 34, 35, 49, 53, 54, 66, and 70	50



## IPR2018-00131 Patent 6,226,686

	3. Aldred in view of RFC 1692 does not render obvious Claims 2, 4, 8-11, 13-17, 19-21, 28, 29, 39, 40, 47, 48, 56, 57, 64, and 65	53
D.	PETITIONER HAS NOT DEMONSTRATED THAT ALDRED IN VIEW OF RFC 1692 AND	
	RFC 1459 Renders Obvious Claims 31-33, 50-52, and 67-69 of the '686 Patent	
	UNDER 35 U.S.C. § 103	55
IV.	CONCLUSION	57



# **LIST OF EXHIBITS**

Exhibit 2002:	Declaration of Dr. Kevin C. Almeroth
Exhibit 2003:	Curriculum Vitae of Dr. Kevin C. Almeroth
Exhibit 2004:	Transcript of Deposition of Dr. Steve White



#### I. INTRODUCTION

Pursuant to 37 C.F.R. § 42.120, Patent Owner Paltalk Holdings, Inc. ("Paltalk" or "Patent Owner") respectfully submits this Patent Owner's Response, to the Petition for *Inter Partes* Review (Paper 1) filed by Riot Games, Inc. ("Petitioner") concerning U.S. Patent No. 6,226,686 ("the '686 Patent") (Ex. 1002). The Patent Trial and Appeal Board ("the Board") instituted this proceeding on May 15, 2018, with respect to (1) Claims 1-4, 7-21, 28-30, 34, 35, 39, 40, 47-49, 53, 54, 56, 57, 64-66, and 70 of the '686 Patent under Petitioner's alleged 35 U.S.C. § 103 combination of International Publication No. WO 94/11814 to Aldred ("Aldred") (Ex. 1009) and "Transport Multiplexing Protocol (TMux)," RFC 1692 ("RFC 1692") (Ex. 1010), and (2) Claims 31-33, 50-52, and 67-69 of the '686 Patent under Petitioner's alleged § 103 combination of Aldred, RFC 1692, and "Internet Relay Chat Protocol," RFC 1459 ("RFC 1459") (Ex. 1025). Patent Owner addresses each of these grounds in the present Response and requests that the Board hold the claims of the '686 Patent valid.

#### II. CLAIM CONSTRUCTION

The '686 Patent has expired. Therefore, the claims should be given their ordinary and accustomed meaning as understood by one of ordinary skill in the art consistent with the standard expressed in *Phillips v. AWH Corp.*, 415 F.3d 1303, 1312–13 (Fed. Cir. 2005) (en banc). The ordinary meaning of a term may be



# DOCKET

# Explore Litigation Insights



Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

# **Real-Time Litigation Alerts**



Keep your litigation team up-to-date with **real-time** alerts and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

### **Advanced Docket Research**



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

## **Analytics At Your Fingertips**



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

#### API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

#### **LAW FIRMS**

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

#### **FINANCIAL INSTITUTIONS**

Litigation and bankruptcy checks for companies and debtors.

### **E-DISCOVERY AND LEGAL VENDORS**

Sync your system to PACER to automate legal marketing.

