IN THE UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF DELAWARE

PALTALK HOLDINGS, INC.,	)	
	)	
Plaintiff,	)	
	)	
v.	)	C.A. No. 16-1240-JFB-SRF
	)	
RIOT GAMES, INC.,	)	
	)	
Defendant.	)	

JOINT CLAIM CONSTRUCTION CHART OF CLAIM TERMS TO BE CONSTRUED

Pursuant to the Court's February 6, 2018 Order and Paragraph 5(b) of the Scheduling

Order (D.I. 21), Plaintiff PalTalk Holdings, Inc. ("PalTalk") and Defendant Riot Games, Inc.

("Riot") hereby submit this Joint Claim Construction Statement setting forth the parties'

proposed constructions for each disputed claim term of the asserted claims of U.S. Patent Nos.

5,822,523 and 6,226,686.[1]

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Dated: March 14, 2018

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[1] Riot has alleged that certain of the claims are indefinite under 35 U.S.C. § 112. (*See* D.I. 46, 53). Riot will raise these issues at summary judgment consistent with its understanding of the Court's preferences and does not waive its indefiniteness arguments.

DISPUTED CLAIM TERMS

	Term [asserted claim]	Riot Construction	PalTalk Construction
1.	**[i]** "aggregating . . . said payload portions of said messages to create an aggregated payload" [523: 1, 2, 4, 5, 6, 7, 8, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 31, 33, 34, 35, 36, 38, 39, 40, 41, 42, 43] **[ii]** "aggregating said payload portions of said host messages . . . to create an aggregated payload" [686: 1, 23, 24, 25, 26, 27, 29, 31, 32, 33, 34, 35, 36] **[iii]** "aggregating said payload portions of said host messages" [686: 3, 4] **[iv]** "aggregating said payload portions of said messages to create an aggregated payload" [686: 7, 8, 9] **[v]** "aggregating said payload portions of said messages . . . to create an aggregated payload"	**variations [i] – [v] of the "aggregating" limitations as identified in the "Term" column**: collecting two or more payloads received from host computers, where each payload retains its identity and may be extracted **[vi] aggregating said payload portion with the payload portion of a second host message**: collecting the payload from the first host computer with a payload from a second host computer, where each payload retains its identity and may be extracted	**variations [i] – [v] of the "aggregating" limitations as identified in the "Term" column**: aggregating said payload portions of said messages…to create one or more aggregated payloads aggregating said payload portions of said host messages…to create one or more aggregated messages aggregating said payload portions of said messages…to create one or more aggregated payloads Aggregating at least one data item from the payloads of all the claimed messages from the claimed plurality of host computers. The data items may be aggregated in any order. **For each of the above with respect to the phrase "aggregating / aggregated"**: to collect two or more data items together as a unit, however, where each data item retains its identity and

	[686: 12, 13, 14, 15, 42, 43, 44, 45, 46, 48, 50, 51, 52, 53, 54, 55] **[vi]** "aggregating said payload portion with the payload portion of a second host message" [686: 18, 19, 57, 59, 60, 61, 62, 63, 65, 67, 68, 69, 70]		may be extracted from the unit it is not necessary for the group messaging server (GMS) to aggregate the entire payload portion of each message it receives from the host computers **With respect to "aggregated payload":** A collection of two or more data items that does not include transport layer headers **[vi] aggregating said payload portion with the payload portion of a second host message:** aggregating at least one data item from the payloads of the host message and the second host message. The data items may be aggregated in any order
2.	"forming an aggregated message using said aggregated payload" [523: 1, 2, 4, 5, 6, 7, 8, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 31, 33, 34, 35, 36, 38, 39, 40, 41, 42, 43] [686: 1, 12, 13, 14, 15, 23, 24, 25, 26, 27, 29, 31, 32, 33, 34, 35, 36, 42, 43, 44,	**forming an aggregated message using said aggregated payload**: forming an aggregated message containing the two or more received payloads from host computers, where each payload retains its identity and may be extracted	**forming an aggregated message using said aggregated payload:** creating one or more aggregated messages that contain a single transport layer message header, destination data, and data items from an aggregated payload

	45, 46, 48, 50, 51, 52, 53, 54, 55] "to create an aggregated message" [686: 3, 4] "forming a server message by using said payload portion of said host message; and aggregating said payload portion with the payload portion of a second host message" [686: 18, 19, 57, 59, 60, 61, 62, 63, 65, 67, 68, 69, 70]	**to create an aggregated message**: to create an aggregated message containing the two or more received payloads from host computers, where each payload retains its identity and may be extracted **forming a server message by using said payload portion of said host message; and aggregating said payload portion with the payload portion of a second host message**: forming a server message containing the payload from the first host computer with the payload from the second host computer, where each payload retains its identity and may be extracted	**to create an aggregated message**: to create one or more messages containing a single transport layer message header, destination data, and data items from an aggregated payload **forming a server message by using said payload portion of said host message;** forming one or more server messages, each containing a single transport layer message header, destination data, and one or more data items from the payload portion of the host message and one or more data items from the payload portion of a second host message received from another of the plurality of host computers belonging to said message group, where each of the data items retains its identity and may be extracted from the one or more server messages **and aggregating said payload portion with the payload portion of a second host message**: Addressed above.
3.	"host computer"	client computers each running their own copy of a shared application and	computer systems that are connected to a network and communicate with other

	[523: 1, 2, 4, 5, 6, 7, 8, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 31, 33, 34, 35, 36, 38, 39, 40, 41, 42, 43] [686: 1, 2, 3, 4, 7, 8, 9, 12, 13, 14, 15, 18, 19, 23, 24, 25, 26, 27, 29, 31, 32, 33, 34, 35, 36, 42, 43, 44, 45, 46, 48, 50, 51, 52, 53, 54, 55, 57, 59, 60, 61, 62, 63, 65, 67, 68, 69, 70]	individually determining the state of the shared application	nodes on the network by sending messages and receiving messages
4.	"group messaging server" [523: 1, 2, 4, 5, 6, 7, 8, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 31, 33, 34, 35, 36, 38, 39, 40, 41, 42, 43] [686: 12, 13, 14, 15, 29, 34, 35, 42, 43, 44, 45, 46, 48, 50, 51, 52, 53, 54, 55, 65, 70]	a server that sends a copy of a received payload to each host computer in a message group in turn	a server or computer system with a network interface that maintains a set of message groups used by the host computers to communicate information between themselves. The group messaging server must be capable of receiving messages from the host computers addressed to a message group and sending messages to the host computers that have joined the message group. A group messaging server can process messages with or without aggregated payloads, and can allow for group membership to change very rapidly
5.	"message groups" [523: 1, 2, 4, 5, 6, 7, 8, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 31, 33, 34, 35, 36, 38, 39, 40, 41, 42, 43]	a collection of one or more host computers created by a host computer that shares an address to which host computers send messages	**message group:** a collection of one or more host computers that (1) have joined a particular group and (2) receive group messages addressed to that particular group

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