EXHIBIT A P.R. 4-5(d) CLAIM CONSTRUCTION CHART

I. U.S. Pat. No. 8,385,966

Disputed Claim	Plaintiff's Proposed Construction	Defendants' Proposed Construction[1]	Court's Construction
A method comprising: sing a processor to initialize r i=0 a first power control djustment state g(i) for an plink control channel and a econd power control djustment state f(i) for an plink shared channel to each eflect an open loop power ontrol error; sing the processor to compute n initial transmit power for e uplink shared channel using ull path loss compensation, ***herein the initial transmit ower depends on a preamble ower of a first message sent n an access channel and the econd power control djustment state f(0)***; and ending from a transmitter a ird message on the uplink hared channel at the initial	"preamble power" No construction necessary.	"preamble power" "a transmit power of a preamble sent on an access channel"	
	"wherein the initial transmit power depends on a preamble power of a first message sent on an access channel and the second power control adjustment state f(0)" No construction necessary.	"wherein the initial transmit power depends on a preamble power of a first message sent on an access channel and the second power control adjustment state f(0)" "wherein the initial transmit power takes into account both the preamble power and the second power control adjustment state f(0)"	
	"wherein the second power control adjustment state f(i) for i=0 is initialized as: $P_{0\_UE\_PUSCH} + f(0) = \Delta P_{PC} + \Delta P_{rampup}$" No construction necessary.	"wherein the second power control adjustment state f(i) for i=0 is initialized as: $P_{0\_UE\_PUSCH} + f(0) = \Delta P_{PC} + \Delta P_{rampup}$" "wherein f(0) is calculated	

[1] Defendants consist of AT&T Mobility LLC; LG Electronics, Inc.; LG Electronics USA, Inc.; Cellco Partnership d/b/a Verizon Wireless; Sprint Solutions, Inc.; Sprint Spectrum L.P.; Boost Mobile, LLC; T-Mobile USA, Inc.; T-Mobile US, Inc.; Sony Mobile Communications (USA) Inc.; and Kyocera Communications, Inc. Each Defendant proposes constructions only with respect to the claims asserted against that Defendant.

EXHIBIT A – P.R. 4-5(d) CLAIM CONSTRUCTION CHART

Disputed Claim	Plaintiff's Proposed Construction	Defendants' Proposed Construction[1]	Court's Construction
ansmit power; ***herein the second power ontrol adjustment state f(i) or i=0 is initialized as:*** ***0 — UE — USCH +f(0)=ΔP PC +ΔP rampup***; which: 0 — UE — PUSCH is a power ontrol constant for the uplink hared channel that is specific or a user equipment executing he method; P_{rampup} is a ramp-up power for reamble transmissions; and ***P PC*** is a power control ommand indicated in a second essage that is received in sponse to sending the first essage.	Alternatively, "wherein the second power control adjustment state f(i) for i=0 is set such that $P_{O\_UE\_PUSCH} + f(0) = \Delta P_{PC} + \Delta P_{rampup}$"	from the values of $P_{O\_UE\_PUSCH}$, ΔP_{PC} , and ΔP_{rampup} by calculating a sum of f(0) and $P_{O\_UE\_PUSCH}$ and a sum of ΔP_{PC} and ΔP_{rampup} and equating the two calculated sums"	
	"ΔP_{PC}" No construction necessary.	"ΔP_{PC}" "the difference between a target preamble power and a power actually observed at a base station"	
The method according to aim 1, wherein the first essage comprises a random ccess request message, the	"preamble power" No construction necessary.	"preamble power" "a transmit power of a preamble sent on an access channel"	

EXHIBIT A – P.R. 4-5(d) CLAIM CONSTRUCTION CHART

Disputed Claim	Plaintiff's Proposed Construction	Defendants' Proposed Construction[1]	Court's Construction
ethod further comprising: omputing the ***preamble power*** sing full path loss ompensation, ending from the transmitter on e access channel the first essage and in response ceiving at a receiver a second essage that comprises an location of resources on hich the third message is nt; nd after sending the third essage, the method further omprises using the processor compute an updated transmit ower for the uplink shared annel using fractional power ontrol and sending from the ansmitter a subsequent essage on the uplink shared annel using the updated ansmit power.			
The method according claim 1, ***wherein the first ower control adjustment state (i) for i=0 is initialized as:***	"wherein the first power control adjustment state g(i) for i=0 is initialized as: $P_{0\_UE\_PUCCH} + g(0) = \Delta P_{PC} + \Delta P_{rampup}$"	"wherein the first power control adjustment state g(i) for i=0 is initialized as: $P_{0\_UE\_PUCCH} + g(0) = \Delta P_{PC} + \Delta P_{rampup}$"	

EXHIBIT A – P.R. 4-5(d) CLAIM CONSTRUCTION CHART

Disputed Claim	Plaintiff's Proposed Construction	Defendants' Proposed Construction[1]	Court's Construction
0 — UE — UCCH +g(0)=ΔP PC +ΔP rampup; herein: $P_{O\_UE\_PUCCH}$ is a ower control constant for the plink control channel power at is specific for a user quipment executing the ethod.	No construction necessary. Alternatively, "wherein the first power control adjustment state g(i) for i=0 is set such that $P_{O\_UE\_PUCCH} + g(0) = \Delta P_{PC} + \Delta P_{rampup}$"	"wherein g(0) is calculated from the values of $P_{O\_UE\_PUCCH}$, ΔP_{PC} , and ΔP_{rampup} by calculating a sum of g(0) and $P_{O\_UE\_PUCCH}$ and a sum of ΔP_{PC} and ΔP_{rampup} and equating the two calculated sums"	
The method according claim 1, ***herein the initial transmit ower P_{Msg3} of the third essage for i=0 is equal to:*** ***Msg3=min{P max ,P preamble+Δ0, eamble — Msg3+ΔPC —Msg3+10 g10(M PUSCH(i))+ΔTF(TF(i))}***; which: MAX is a maximum allowed ansmission power; preamble is the ***preamble power*** f the first message; $M_{PUSCH}(i)$ is determined from uplink resource allocation of	"preamble power" No construction necessary.	"preamble power" "a transmit power of a preamble sent on an access channel"	
	"wherein the initial transmit power P_{Msg3} of the third message for i=0 is equal to: $P_{Msg3}=\min\{P_{max}, P_{preamble}+\Delta_{0,preamble\_Msg3}+\Delta_{PC\_Msg3}+10\log_{10}(M_{PUSCH}(i))+\Delta_{TF}(TF(i))\}$" No construction necessary. Not indefinite.	"wherein the initial transmit power P_{Msg3} of the third message for i=0 is equal to: $P_{Msg3}=\min\{P_{max}, P_{preamble}+\Delta_{0,preamble\_Msg3}+\Delta_{PC\_Msg3}+10\log_{10}(M_{PUSCH}(i))+\Delta_{TF}(TF(i))\}$" Indefinite.	

EXHIBIT A – P.R. 4-5(d) CLAIM CONSTRUCTION CHART

Disputed Claim	Plaintiff's Proposed Construction	Defendants' Proposed Construction[1]	Court's Construction
second message received in sponse to sending the first essage; $_{TF}$(TF(i)) is calculated from ceived signaling; $_{PC\ —\ Msg3}$ is indicated by a ower control command ceived at the receiver; and $_{0,preamble\ —\ Msg3}$ is an offset om the ***preamble power***.			
A computer readable emory storing a computer rogram that when executed by processor results in actions omprising:	"preamble power" No construction necessary.	"preamble power" "a transmit power of a preamble sent on an access channel"	
itializing for i=0 a first power ontrol adjustment state g(i) for uplink control channel and a econd accumulation power ontrol adjustment state f(i) for uplink shared channel to ach reflect an open loop ower control error; omputing an initial transmit ower for the uplink shared hannel using full path loss	"wherein the initial transmit power depends on a preamble power of a first message sent on an access channel and the second power control adjustment state f(0)" No construction necessary.	"wherein the initial transmit power depends on a preamble power of a first message sent on an access channel and the second power control adjustment state f(0)" "wherein the initial transmit power takes into account both the preamble power and the second power control adjustment state f(0)"	

DOCKET ALARM

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.