	Case 2:18-cv-00317-JLR Document 120	Filed 11/20/18 Page 1 of 22							
1		THE HONORABLE JAMES L. ROBART							
2									
3									
4									
5									
6									
7	UNITED STATES DISTRICT COURT								
8	WESTERN DISTRICT OF V AT SEATTLE								
9	CDC LADG LLC & GARVEREGIS	C N 2.10 00217 H.P.							
10	SRC LABS, LLC, & SAINT REGIS MOHAWK TRIBE,	Case No.: 2:18-cv-00317-JLR							
11	Plaintiffs,	RESPONSIVE CLAIM CONSTRUCTION BRIEF OF							
12	v.	DEFENDANTS AMAZON WEB SERVICES, INC., AMAZON.COM,							
13	AMAZON WEB SERVICES, INC.,	INC., AND VADATA, INC.							
14	AMAZON.COM, INC., & VADATA INC.,	JURY TRIAL DEMANDED							
	Defendants.								
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28	Amazon's Responsive	FENWICK & WEST LLP							
	CLAIM CONSTRUCTION BRIEF CASE NO 2:18-CV-00317-II R	1191 SECOND AVENUE, 10TH FLOOR SEATTLE, WASHINGTON 98101 TELEPHONE 206.389.4510							



Case 2:18-cv-00317-JLR Document 120 Filed 11/20/18 Page 2 of 22

1	TABLE OF CONTENTS					
2	INTRODUCT	INTRODUCTION 1				
3	I.	DISE	PUTED TERMS OF THE '324 AND '800 PATENTS	1		
4		A.	"systolic" and "systolically"	1		
5		B.	"pass computed data seamlessly"	4		
6		C.	"instantiating," "instantiated" and "instantiation"	6		
7	II.	DISI	PUTED TERM OF THE '311 PATENT	7		
8		A.	"a data maintenance block"	7		
9	III.	DISE	PUTED TERMS OF THE '867 PATENT	10		
10		A.	"a data prefetch unit coupled to the memory, wherein the data			
11			prefetch unit retrieves only computational data required by the algorithm from a second memory of second characteristic memory			
12			bandwidth and/or memory utilization and places the retrieved computational data in the first memory"	11		
13		B.	"a data prefetch unit"	13		
14		C.	"at least the first memory and data prefetch unit are configured to conform to needs of the algorithm"	1.4		
15			conform to needs of the algorithm.	14		
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
	AMAZON'S RES CLAIM CONSTR CASE NO 2-18	RUCTION	N BRIEF i 1191 Second Avenue, 10th Floor Seattle, Washington 98101			



1	TABLE OF AUTHORITIES
2	Cases: Page(s):
3	Chimie v. PPG Indus., Inc., 402 F.3d 1371 (Fed. Cir. 2005)10
5	Cox Commc'ns, Inc. v. Sprint Commc'n Co., 838 F.3d 1224 (Fed. Cir. 2016) 15, 16
6 7	Cuozzo Speed Techs., LLC v. Lee, 136 S. Ct. 2131 (2016) 6
8	Dow Chem. Co. v. Nova Chems. Corp. (Canada), 803 F.3d 620 (Fed. Cir. 2015)16
10	Function Media, L.L.C. v. Google, Inc., 708 F.3d 1310 (Fed. Cir. 2013)1, 11, 12
11 12	Gammino v. Sprint Comme'ns Co., L.P., 577 F. App'x 982 (Fed. Cir. 2014)1
13 14	Halliburton Energy Servs., Inc. v. M-I LLC, 514 F.3d 1244 (Fed. Cir. 2008) 13, 15
15	Hill-Rom Servs., Inc. v. Stryker Corp., 755 F.3d 1367 (Fed. Cir. 2014)2
16 17	Huawei Techs., Co. v. Samsung Elecs. Co., No. 3:16-cv-02787-WHO, 2017 WL 7058419 (N.D. Cal. Aug. 31, 2017), modified on other grounds, 2018 WL 1116738 (N.D. Cal. Mar. 1, 2018)14
18 19	IGT v. Bally Gaming Int'l, Inc., 659 F.3d 1109 (Fed. Cir. 2011)14
20 21	Intellectual Ventures I LLC v. T-Mobile USA, Inc., 902 F.3d 1372 (Fed. Cir. 2018) 14, 16
22	Interval Licensing LLC v. AOL, Inc., 766 F.3d 1364 (Fed. Cir. 2014)16
2324	Med. Instrumentation & Diagnostics Corp. v. Elekta AB, 344 F.3d 1205 (Fed. Cir. 2003)
2526	MySpace, Inc. v. GraphOn Corp., 672 F.3d 1250 (Fed. Cir. 2012)10
27	Nautilus, Inc. v. Biosig Instruments, Inc., 572 U.S. 898 (2014) 15, 16
28	AMAZON'S RESPONSIVE CLAIM CONSTRUCTION BRIEF CASE NO 2:18-cv-00317-II R FENWICK & WEST LLP 1191 SECOND AVENUE, 10th FLOOR SEATTLE, WASHINGTON 98101 TELEPHONE 206.389.4510



Case 2:18-cv-00317-JLR Document 120 Filed 11/20/18 Page 4 of 22

1	<i>O2 Micro Int'l Ltd. v. Beyond Innovation Tech. Co.</i> , 521 F.3d 1351 (Fed. Cir. 2008) 1	
2	Pacing Techs., LLC v. Garmin Int'l, Inc., 778 F.3d 1021 (Fed. Cir. 2015)10	
4	Power Integrations, Inc. v. Fairchild Semiconductor Int'l, Inc.,	
5	711 F.3d 1348 (Fed. Cir. 2013)13	
6 7	Ruckus Wireless, Inc. v. Innovative Wireless Sols., LLC, 824 F.3d 999 (Fed. Cir. 2016)3	
8	TecSec, Inc. v. Int'l Bus. Machs. Corp., 731 F.3d 1336 (Fed. Cir. 2013)4	
9	United Access Techs., LLC v. Centurytel Broadband Servs., LLC, C.A. No. 11–339–LPS, 2016 WL 6562059 (D. Del. Nov. 4, 2016), appeal filed sub nom. United Access Techs., LLC v. AT&T, No. 17-2614 (Fed.	
11 12	Cir. Sept. 26, 2017)	
13 14	Vitronics Corp. v. Conceptronic, Inc., 90 F.3d 1576 (Fed. Cir. 1996)	
15 16	Williamson v. Citrix Online, LLC, 792 F.3d 1339 (Fed. Cir. 2015)14	
17	World Class Tech. Corp. v. Ormco Corp., 769 F.3d 1120 (Fed. Cir. 2014)10	
18 19	Statutes:	
20	35 U.S.C. § 112passim	
21	Other Authorities:	
22	USPTO, Manual of Patent Examining Procedure § 2181(I)(A) (9th ed. Jan.	
23	2018)11	
24 25		
26		
27		
28	Amazon's Responsive Fenwick & West LLP	
	CLAIM CONSTRUCTION BRIEF III 1191 Second Avenue, 10th Floor Seattle, Washington 98101 Telephone 206.389.4510	



1

2345

67

9

8

10 11

12 13

14

1516

17

18 19

2021

2223

24

2526

2728

INTRODUCTION

The integrity of our patent system is based on the fundamental bargain that a patent is awarded only in exchange for contributing to the public a specific new solution to a specific problem. The patent must describe this solution with sufficient particularity, and establish the metes and bounds of the claimed invention with sufficient precision, so the public has clear notice of what it may or may not freely do during the patent's term. SRC's positions in this case repudiate this bargain in two substantial ways.

First, SRC attempts to withdraw the notice it gave to the public during prosecution of three of its patents. During prosecution, it defined four terms that the parties dispute here. Now, SRC disregards those definitions and proposes either leaving the terms unconstrued or changing their definition by omitting explicit requirements adopted to obtain allowance. Both suggestions violate black-letter Federal Circuit law. A plain-and-ordinary-meaning construction is improper when parties have a dispute over claim scope. *O2 Micro Int'l Ltd. v. Beyond Innovation Tech. Co.*, 521 F.3d 1351, 1361 (Fed. Cir. 2008). And when the "specification or prosecution history defines a claim term, then that definition shall apply even if it differs from the term's ordinary meaning." *Gammino v. Sprint Commc'ns Co., L.P.*, 577 F. App'x 982, 987 (Fed. Cir. 2014) (citing *CCS Fitness, Inc. v. Brunswick Corp.*, 288 F.3d 1359, 1366–67 (Fed. Cir. 2002)). SRC may not define claims "one way in order to obtain their allowance and in a different way against accused infringers." *Id.*

Second, SRC asserts a patent in which no technical solution is disclosed in the first place. The three disputed terms of the '867 patent go to the heart of the purported invention: the "data prefetch unit." But neither the claims nor the specification discloses any specific solution for a "data prefetch unit." Instead, the patent claims a "black box" representing any possible means of achieving the claimed result. Claims that recite such functional "black boxes" with no corresponding structure are invalid as a matter of law. *See Function Media*, *L.L.C. v. Google, Inc.*, 708 F.3d 1310, 1318–19 (Fed. Cir. 2013).

1

I. DISPUTED TERMS OF THE '324 AND '800 PATENTS

A. "systolic" and "systolically"

AMAZON'S RESPONSIVE CLAIM CONSTRUCTION BRIEF CASE NO. 2:18-CV-00317-II R FENWICK & WEST LLP 1191 SECOND AVENUE, 10TH FLOOR SEATTLE, WASHINGTON 98101 TELEPHONE 206.389.4510



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.

