UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

ATopTech, Inc. Petitioner

v.

Synopsys, Inc. Patent Owner

Case IPR2015-00760 Patent 6,237,127

PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT NO. 6,237,127



TABLE OF CONTENTS

I.	COMPLIANCE WITH PETITION REQUIREMENTS					
	A.	Certification the `127 Patent May Be Contested By Petitioner				
	В.	Fee For Inter Partes Review (37 C.F.R. § 42.15(a) and § 42.1				
	C.	Mandatory Notices (37 C.F.R. § 42.8)				
		1. 1	Real Party-In-Interest (§ 42.8(b)(1))1			
		2.	Related Matters and Joinder Motion (§ 42.8 (b)(2))1			
		3.	Lead And Backup Counsel (§ 42.8 (b)(3))2			
		4.	Service Information (§ 42.8 (b)(4))2			
	D.	Proof	Of Service (§ 42.6(e) and § 42.105(a))2			
II.	IDE 42.1	ENTIFICATION OF CLAIMS BEING CHALLENGED (§ 04(B))				
III.	REI	LEVANT INFORMATION CONCERNING THE `127 PATENT				
	A.	Subject Matter of the `127 Patent				
		1.	Calculating Delay Values with Timing Table Propagation4			
		2.	Tracking "Exceptions" with Timing Table Propagation5			
		3. '	'Exceptions'' – Non-Default Timing Constraints7			
		4.	'Pin-Labelling" – Associating the "Exceptions" with the Circuit			
			Comparing the Delay Values in the Timing Tables to the Circuit Constraints and Applying the Relevant Exceptions10			
	ve Filing Date and Prosecution History of The `127 Patent					
			Belkhale's Significance was not Recognized During Prosecution			



	C. How the Challenged Claims Are To Be Construed				13		
IV.	PRE	PRECISE REASONS FOR RELIEF REQUESTED14					
	A.	Belkhale Renders Claims 5 and 6 and Obvious14					
		1.	Overview Of Belkhale		14		
	В.	Belkhale Renders Claims 5 and 6 of the `127 Patent Obvious20					
		1.	Belkhale Teaches the P	reamble Of Claim 1	20		
		2.	Belkhale Teaches the F	irst Element of Claim 1	21		
			a. Correct Construc	ction of the First Element of Claim 1	21		
				s Marking the Circuit Description w			
		3.	Belkhale Teaches the S	econd Element Of Claim 1	24		
			a. Correct Construc	etion "Timing Tables"	25		
		4.	Belkhale Teaches the F	inal Element of Claim 1	27		
			a. The Correct Con	struction of "Tag"	29		
		5.	Belkhale Renders Clair	n 4 Obvious	31		
		6.	Belkhale Renders Clair	n 5 Obvious	31		
		7.	Belkhale Renders Clair	n 6 Obvious	35		
	C.	Claims 5 and 6 are Rendered Obvious over Belkhale in view of Tom					
		1.	Overview Of Tom		38		
		2.	Motivation to combine	Tom with Belkhale	40		
		3.	Belkhale in View of To	om Renders Claims 5 and 6 Obvious.	43		
T 7	CON	ICT TI	ION		5 4		



TABLE OF AUTHORITIES

Cases

KSR Intern. Co. v. Teleflex Inc., 550 U.S. 398 (2007)	47
Merrill v. Yeomans, 94 U.S. 568 (1876)	28
Statutes	
35 U.S.C. § 102	2, 13, 40
35 U.S.C. § 103	2, 10
35 U.S.C. § 315(b)	1
Rules	
37 C.F.R. § 42.8 (b)(2)	1
37 C.F.R. § 42.8 (b)(3)	1
37 C.F.R. § 42.8 (b)(4)	2
37 CFR § 42.100(b)	12

Attachment A: Proof of Service of the Petition

Attachment B: List of Evidence and Exhibits Relied Upon in Petition



I. COMPLIANCE WITH PETITION REQUIREMENTS

A. Certification the `127 Patent May Be Contested By Petitioner

Petitioner certifies pursuant to 37 C.F.R. § 42.104(a) that Patent No. 6,237,127 ("the `127 patent") Ex. 1001 is available for *inter partes* review and that Petitioner is not barred or estopped from requesting *inter partes* review of the claims of the `127 patent on the grounds identified herein. This petition is accompanied by a motion for joinder with Case No. IPR2014-001145 hereinafter (the "Prior `127 Petition"), and, as such, the time period set forth in 37 C.F.R. § 42.101(b) does not apply to this petition.

B. Fee For Inter Partes Review (37 C.F.R. § 42.15(a) and § 42.103)

Petitioner paid the required fees upon filing. Should any further fees be required, the PTAB is hereby authorized to charge Deposit Account No. 04-1073.

C. Mandatory Notices (37 C.F.R. § 42.8)

1. <u>Real Party-In-Interest (§ 42.8(b)(1))</u>

The real party-in-interest is ATopTech, Inc. ("Petitioner").

2. Related Matters and Joinder Motion (§ 42.8 (b)(2))

U.S. Patent No. 6,237,127 ("the `127 patent") (Ex. 1001) is allegedly owned by Synopsys, Inc. ("Patent Owner"), and is currently being asserted by Patent Owner in *Synopsys, Inc. v. ATopTech, Inc.*, No. 3:13-cv-02965-MMC (N.D. Cal. 2013) hereinafter (the "Pending Litigation). Ex. 1003. The complaint was filed against petitioners on June 26, 2013 (Ex. 1003), and subsequently served on July 12, 2013 (Ex. 1004). Petitioner timely filed a petition challenging all the claims of the `127 patent. On January 21, 2015, a decision instituting *inter partes* review of



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.

