UNITED STATES PATENT AND TRADEMARK OFFICE
BEFORE THE PATENT TRIAL AND APPEAL BOARD
APPLE, INC., Petitioner,
V.
PAPST LICENSING GMBH & CO., KG, Patent Owner.
Case IPR2016-01840 Patent 9,189,437
PATENT OWNER PAPST LICENSING GMBH & CO., KG'

PRELIMINARY RESPONSE UNDER 37 C.F.R. § 42.107

TABLE OF CONTENTS

I.	STAT	TEMENT OF MATERIAL FACTS IN DISPUTE1		
II.	INTR	ODUCTION1		
	A.	STATEMENT OF RELIEF REQUESTED1		
	В.	OVERVIEW OF THE '437 PATENT2		
	С.	LEVEL OF ORDINARY SKILL IN THE ART5		
	D.	CLAIM CONSTRUCTION		
	Е.	SUMMARY OF PATENT OWNER'S ARGUMENTS9		
III.	THE PETITION FAILS TO MEET THE REQUIREMENTS FOR INSTITUTING AN <i>INTER PARTES</i> REVIEW			
	A.	THE BOARD SHOULD NOT INSTITUTE TRIAL BASED ON THE PETITION'S REDUNDANT GROUNDS12		
	В.	THE BOARD SHOULD NOT INSTITUTE TRIAL BASED ON THE PETITION'S CONCLUSORY OBVIOUSNESS COMBINATIONS		
	C.	THE BOARD SHOULD NOT INSTITUTE TRIAL BECAUSE THE PETITION'S PROPOSED GROUNDS OF REJECTION DO NOT DISCLOSE ALL OF THE LIMITATIONS OF INDEPENDENT CLAIMS 1 AND 43		



	1.	THE PRIOR ART DOES NOT DISCLOSE THE "WITHOUT	
		REQUIRING ANY END USER TO LOAD ANY SOFTWARE	
		ONTO THE COMPUTER AT ANYTIME" AND "WITHOUT	
		REQUIRING ANY END USER TO INTERACT WITH THE	
		COMPUTER TO SET UP A FILE SYSTEM IN THE ADGPD AT	•
		ANY TIME" LIMITATION OF INDEPENDENT CLAIM 1	23
	2.	THE PRIOR ART DOES NOT DISCLOSE THE "IDENTIFYING	í
		THE ANALOG DATA GENERATING AND PROCESSING	
		DEVICE, INDEPENDENT OF ANALOG DATA SOURCE, AS A	1
		DIGITAL STORAGE DEVICE INSTEAD OF AS AN ANALOG	
		DATA GENERATING AND PROCESSING DEVICE"	
		LIMITATION OF INDEPENDENT CLAIM 1 AND THE	
		CORRESPONDING LIMITATION OF INDEPENDENT CLAIM	
		43	26
IV.	CON	CLUSION	30



EXHIBIT LIST

<u>Currently Filed – Patent Owner</u>

Ex. No.	Description
2001	United States Patent No. 5,508,821 to Murata
2002	August 24, 2006 Preliminary Amendment for U.S. Application No.
	11/467,092 resulting in '437 Patent
2003	January 2, 2008 Preliminary Amendment for U.S. Application No.
	11/467,092 resulting in '437 Patent

<u>Previously Filed – Petitioner</u>

Ex. No.	Description
1001	U.S. Patent 9,189,437 to Tasler
1002	File History Excerpts for U.S. Patent 9,189,437
1003	Declaration of Dr. Erez Zadok in Support of Petition for Inter Partes
	Review of U.S. Patent No. 9,189,437
1004	Curriculum Vitae of Dr. Erez Zadok
1005	Intentionally left blank
1006	Intentionally left blank
1007	"The SCSI Bus and IDE Interface Protocols, Applications and
	Programming," Schmidt, Friedhelm, 1995
1008	Intentionally left blank
1009	Intentionally left blank
1010	U.S. Patent No. 4,792,896 to Maclean
1011	International Publication Number WO 92/21224 to Jorgensen
1012	Small Computer System Interface-2 (SCSI-2), ANSI X3.131-1994,
	American National Standard for Information Systems (ANSI)



1015	
1013	Operating System Concepts, by Silberschatz et al., Fourth Edition,
	1994
1014	Microsoft Computer Dictionary, Third Edition, Microsoft Press, 1997
1015-1017	Intentionally left blank
1018	IEEE Dictionary
1019	Intentionally left blank
1020	Papst Licensing GmbH & Co., KG v. Apple Inc., Case No. 6-15-cv-
	01095 (E.D. Tex.), Complaint filed November 30, 2015
1021-1023	Intentionally left blank
1024	Declaration of Scott Bennett
1025-1029	Intentionally left blank
1030	Misc. Action No. 07-493 (RMC), MDL No. 1880, Order Regarding
	Claims Construction
1031	Plug-and-Play SCSI Specification, Version 1.0, dated March 30, 1994
	("PNP SCSI")
1032-1035	Intentionally left blank
1036	European Patent Application 0 475 639 A2 dated August 29, 1991 to
	Applicant Kawasaki Steel Corporation ("Kawasaki")
1037	U.S. Patent No. 6,111,831 to Alon <i>et al</i> .
1038	U.S. Patent No. 4,856,871 to Van Sant
1039	U.S. Patent No. 5,515,237 to Ogami <i>et al</i> .
1040	U.S. Patent No. 5,590,375 to Sangveraphunsiri et al.



DOCKET A L A R M

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.

