UNITED STATES PATENT AND TRADEMARK OFFICE
BEFORE THE PATENT TRIAL AND APPEAL BOARD

ServiceNow, Inc.
Petitioner

٧.

Hewlett-Packard Company
Patent Owner

U.S. Patent No. 6,321,229 Filing Date: February 16, 1999 Issue Date: November 21, 2001

TITLE: METHOD AND APPARATUS FOR USING AN INFORMATION MODEL TO ORGANIZE AN INFORMATION REPOSITORY INTO A HIERARCHY OF INFORMATION

PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT NO. 6,321,229

Inter Partes Review No. 2015-00523



## **Table of Contents**

			Page			
I.	MANDATORY NOTICES UNDER 37 C.F.R. § 42.8(A)(1)					
	A.	A. Real Party-In-Interest under 37 C.F.R. § 42.8(b)(1)				
	В.	Related Matters under 37 C.F.R. § 42.8(b)(2)	1			
	C.	Lead and Back-Up Counsel under 37 C.F.R. § 42.8(b)(3)	1			
	D.	Service Information	1			
	E.	Power of Attorney	2			
II.	PAY	MENT OF FEES - 37 C.F.R. § 42.103	2			
III.	REQUIREMENTS FOR INTER PARTES REVIEW UNDER 37 C.F.R. §§ 42.104 AND 42.108					
	A.	Grounds for Standing under 37 C.F.R. § 42.104(a)	2			
	В.	Identification of Challenge Under 37 C.F.R. § 42.104(b) and Statement of Precise Relief Requested	3			
	C.	Requirements for Inter Partes Review 37 C.F.R. § 42.108(c)	4			
IV.	SUMMARY OF THE CLAIMED SUBJECT MATTER					
	A.	The Specification of the '229 Patent	4			
	В.	The Challenged Claims of the '229 Patent	10			
V.	CLAIM CONSTRUCTION UNDER 37 C.F.R. § 42.104(B)(3)					
	A.	"information repository"	12			
	В.	"information model"	13			
	C.	"container definition node"	14			
	D.	"derived container"	16			
	E.	"selection criteria attribute"	17			
	F.	"pointer"	18			
VI.		IMS 8-10, 13, 15, 17, 18-20 OF THE '229 PATENT ARE	10			



### **Table of Contents**

(continued)

				•	rage		
A.	Ground 1 – Claims 8-10 and 13 Are Obvious Over Jones in View of Fox Under 35 U.S.C. § 103(a)19						
	1.	Claim	n 8 is C	Obvious over Jones in View of Fox	21		
		a.		umber of computer readable media" m 8(a))	23		
		b.		nputer readable program code stored on said ber of computer readable media" (Claim 8(b))	23		
			(1)	"code for creating a hierarchy of derived containers" (Claim 8(b)(i))	24		
			(2)	"code for displaying given ones of said derived containers to a computer user" (Claim 8(b)(ii))	35		
			(3)	"code for determining if a given one of said displayed derived containers has been selected by a computer user, and upon selection of said given one of said displayed derived containers, displaying contents of said given one of said displayed derived	2.0		
	•		0 . 6	containers" (Claim 8(b)(iii))			
	2. Claim 9 is Obvious over Jones in View of Fox						
	3.	Claim 10 is Obvious over Jones in View of Fox					
	4.	Claim	13 is	Obvious over Jones in View of Fox	43		
В.				s 18-20 Are Obvious over Jones in view of Fox ler 35 U.S.C. § 103(a)	45		
	1.	Claim 18 is Obvious over Jones in View of Fox and Williams					
	2.	Claim	19 is	Obvious over Jones in View of Fox and			

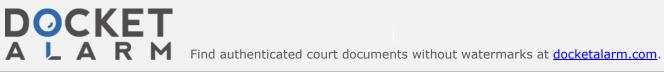


Williams.......48

## **Table of Contents**

(continued)

	Page
Claim 20 is Obvious over Jones in View of Fox and     Williams	49
C. Ground 3 – Claims 15 and 17 Are Obvious over Jones in view of Fox and Forta Under 35 U.S.C. § 103(a)	
1. Claim 15 is Obvious over Jones in View of Fox and Forta.	49
2. Claim 17 is Obvious over Jones in View of Fox and Forta.	55
CONCLUSION	60



## **List of Exhibits**

Ex. No.	Description of Document
1001	U.S. Patent No. 6,321,229 to Jason David Goldman
1002	Declaration of David Klausner
1003	U.S. Patent No. 6,199,098 to Kirsten Lynn Jones et al. ("Jones")
1004	Excerpts from David Fox & Troy Downing, Web Publisher's Construction Kit with HTML 3.2 (1996) ("Fox")
1005	Excerpts from Ben Forta, <i>The Cold Fusion Web Database Construction Kit</i> (1997) ("Forta")
1006	U.S. Patent No. 6,151,630 to Marvin L. Williams ("Williams")
1007	Excerpts from Microsoft Press Computer Dictionary (3d ed. 1997), Microsoft Press ("Microsoft Computer Dictionary")



# 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.

