

Petitioner Apple Inc.'s Demonstrative Slides

Inter Partes Review of
U.S. Patent No. 7,643,168 B2
IPR2015-00414
Patent Trial and Appeal Board
United States Patent and Trademark Office

February 24, 2016

Table of Abbreviations

'168 Patent	U.S. Patent No. 7,643,168 B2, IPR2015-00414, Ex. 1001
'073 Application	U.S. Patent Application 09/006,073
'470 Application	U.S. Patent Application 10/336,470
'509 Application	U.S. Patent Application 11/617,509
Decision	Institution Decision, IPR2015-00414, Paper 13
Monroe/'818 Publication	WO99/35818, IPR2015-00414, Ex. 1006
MPEP	Manual of Patent Examining Procedure
Petition/Pet.	Petition, IPR2015-00414, Paper 1
POSA	Person of Ordinary Skill in the Art
Reply	Petitioner's Reply, IPR2015-00414, Paper 25
Response/Resp.	Patent Owner Response, IPR2015-00414, Paper 19

Order of Presentation

Introduction

Specific Topics In Dispute:

1. "Specific Reference" Must Have Been Correctly Made to Each "Earlier Filing Application" in the ADS or Specification
2. Neither the ADS nor Specification of the '509 Application Contains a "Specific Reference" to the '073 Application
3. The Federal Circuit Has Rejected Patent Owner's Argument That POSA Look Beyond the Specification and ADS
4. There Is No "Routine Approach" Exception to the "Specific Reference" Requirement of 35 U.S.C. § 120

Introduction – The '168 Patent's Priority Claim



(12) **United States Patent**
Monroe (10) Patent No.: **US 7,643,168 B2**
 (45) Date of Patent: **Jan. 5, 2010**

'168 Patent

(54) APPARATUS FOR CAPTURING, CONVERTING AND TRANSMITTING A VISUAL IMAGE SIGNAL VIA A DIGITAL TRANSMISSION SYSTEM 4,891,650 A 1/1990 Sheffer
 4,910,692 A 3/1990 Outram
 5,077,464 A 6/1991 Reid

(76) Inventor: David A. M
 7800 IH-10
 78230

(* Notice: Subject to an
 patent is ex
 U.S.C. 1540)

(21) Appl. No.: 11/617,509

(22) Filed: Dec. 28, 2004

(65) Prior Patent
 US 2007/0109594 A1

Related U.S. Appl.

(63) Continuation of applica
 Jan. 3, 2003, now Pat. N

(51) Int. Cl.
 H04N 1/00 (2)
 G06F 3/12 (2)

(52) U.S. Cl. (2)

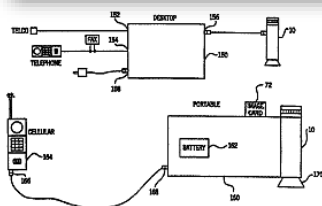
(58) Field of Classification:
 358

See application file for

(56) Reference

U.S. PATENT LIT.
 4,163,283 A 7/1979
 4,179,695 A 12/1979
 4,197,536 A 4/1980
 4,516,125 A 5/1985
 4,688,244 A * 8/1987
 4,831,438 A 5/1989
 4,845,629 A 7/1989
 4,857,912 A 8/1989

This application is a divisional application of an application having priority from a non-provisional United States Application, Ser. No. 09/006,073, entitled Apparatus For Capturing, Converting And Transmitting A Visual Image Signal Via A Digital Transmission System, Ser. No. 09/006,073, having a filing date of Jan. 3, 1998; the specification and drawings of which are incorporated by reference.



Introduction – The '168 Patent's Priority Claim



United States Patent
Monroe

(10) Patent No.: **US 7,643,168 B2**
 (45) Date of Patent: **Jan. 5, 2010**

(54) APPARATUS FOR CAPTURING, CONVERTING AND TRANSMITTING A VISUAL IMAGE SIGNAL VIA A DIGITAL TRANSMISSION SYSTEM	4,891,650 A	1/1990	Sheffer
	4,910,692 A	3/1990	Outram
	5,027,104 A	6/1991	Reid
	5,027,114 A	6/1991	Kawashime et al.
	5,042,061 A	8/1991	Kaneko et al.
(76) Inventor: David A. Monroe, 740 Lincoln Center, 7800 IH-10 West, San Antonio, TX (US) 78230	5,091,780 A	2/1992	Pomerleau
	5,111,291 A	5/1992	Erickson
	5,136,628 A	8/1992	Araki et al.
	5,164,979 A	11/1992	Choi et al.

(*) Notice: Subject to the provisions of the patent laws of the United States of America, this patent is subject to the provisions of U.S.C. 111.

(21) Appl. No.: 11/617,581

(22) Filed: Dec. 28, 2006

(65) Prior Art

US 2007/0109594 A1

Related U.S. Patents

(63) Continuation of application No. 10/336,470, filed Jan. 3, 2003, now Pat. No. 7,365,871.

(51) Int. Cl. H04N 1/00

G06F 3/12

(52) U.S. Cl. 378/100

(58) Field of Classification

See application file for classification

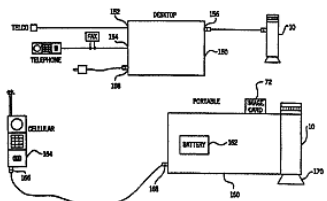
(56) References Cited

U.S. PATENT DOCUMENTS

4,163,283 A	7/1979	Darby
4,179,695 A	12/1979	Levine et al.
4,197,536 A	4/1980	Levine
4,516,125 A	5/1985	Schwab et al.
4,688,244 A *	8/1987	Hannon et al. 377:58
4,831,438 A	5/1989	Bellman, Jr. et al.
4,845,629 A	7/1989	Murge
4,857,912 A	8/1989	Everett, Jr. et al.

An image capture, conversion, compression, storage and transmission system provides a data signal representing the image in a format and protocol capable of being transmitted over any of a plurality of readily available transmission systems and received by readily available, standard equipment receiving stations. In its most comprehensive form, the system is capable of sending and receiving audio, documentary and visual image data to and from standard remote stations readily available throughout the world.

31 Claims, 73 Drawing Sheets



'168 Patent

Related U.S. Application Data

(63) Continuation of application No. 10/336,470, filed Jan. 3, 2003, now Pat. No. 7,365,871.

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.