

ENHANCED MULTIMEDIA SOLUTIONS FOR DEVICES & ACROSS NETWORKS

Xerox Corporation & Palo Alto Research Center Incorporated

Initial Bidding Guidance: Mid 6 Figures

This portfolio provides improved methods applicable to the various stages in the lifecycle of multimedia content, which includes capturing media, storing media in databases, information retrieval, and display. The portfolio includes methods such as:

1. Controlling the capture and processing of document images using a digital camera, including provision of an indication to a user of a digital camera of the suitability of an image for optical character recognition (OCR). [6922487, 6947609]
2. Automatic correction of the red-eye effect in a digital image, including the use of a detection stage which distinguishes red-eye from non red-eye (or other) regions in an image, prior to a correction stage which reduces the red-eye effect. [7567707, 7764846, 7907786]
3. Generating a condensed version of a video. [6560281]
4. Operating a web-based multimedia data retrieval system that integrates the information presentation capabilities of web browsers with the power of a multimedia database design. [5920856, 5983218]
5. Estimation of a document's textual authoritativeness value. This can be used to re-rank documents previously retrieved by a search, expand and improve document query searches, provide a more complete and robust determination of a document's authoritativeness, and improve the aggregation of rank-ordered lists with numerically ordered lists. Retrieved data can be displayed as simulated slide photographs with attributes. [7167871, 7188117]

This portfolio will be of interest to companies involved in digital imaging software, hardware, online media, or other media solutions.

Forward Citing Companies: Accenture, Adobe Systems, Alcatel-lucent, Amazon.com, Ancestry.com, AOL, Apple, AT&T Inc., Bank of America, Black Hills Corporation, Boeing, Brocade, Browse3d Inc., Canon, Comcast, Constellation Technologies, Context Media Inc., Cyberlink Corp., Delphi Automotive, Devsoft Corporation, Digimarc, Friskit, FTI Consulting, Fujifilm, Fujitsu, Google, Hewlett-Packard, Hitachi, IBM, IMAX, Intel, Intellectual Ventures, Interval Licensing, Konica Minolta, Kudelski SA, Leadrocket Inc., Lemi Technology, Level 3 Communications, LG Electronics, Lincoln Electric, Lochisle, Megachips, Microsoft, NEC, Nokia, Oracle, Panasonic, Pandora Media, Pantech, Philips, Pitney Bowes, Reed Elsevier NV, Rhapsody, Ricoh, Rosetta Technologies, Safran SA, SAP AG, Search Engine Technologies LLC, Seiko, Sharp, Shutterfly, Siemens AG, Sony, Sri International, Taalee Inc., Tessera Technologies, Thinkstream, Toshiba, Trio Systems, Twitter, Vast.com, Vulcan Inc, Walgreen, Xmlcities Inc., Yahoo!, Zeosoft Technology Group

Priority Date: 06-09-1997

Representative Claim: US 6,922,487 – Claim #1

An apparatus for capturing an image of a document, comprising: an image capture device for capturing a digital image of a document in a field of view of the image capture device; a resolution analyzer for analyzing the image to determine an approximate resolution of text characters in the image; a comparison device responsive to the determined resolution of text characters, for

TECHNOLOGY

MULTIMEDIA

NOVELTY

IMPROVED METHODS FOR: CAPTURING AND PROCESSING DIGITAL IMAGES; RANKING, ANNOTATING, RETRIEVING, AND DISPLAYING MULTIMEDIA INFORMATION; AND MULTIMEDIA DATABASE DESIGN

IMPORTANCE

A VALUABLE PORTFOLIO FOR COMPANIES PROVIDING MULTIMEDIA SOLUTIONS

NUMBER OF ASSETS

19

PATENTS (16)

US 5,920,856
US 5,983,218
US 6,560,281
US 6,590,586
US 6,922,487
US 6,947,609
US 7,167,871
US 7,188,117
US 7,492,472
US 7,567,707
US 7,764,846
US 7,907,786
US 7,962,364
JP 4693694
JP 4861806
JP 4970718

APPLICATIONS (3)

EP 03011239.5
EP 03011240.3
IN 2373/CHE/2006

comparing the determined resolution with predetermined data representing a maximum desired image resolution and a minimum desired image resolution; an output device for generating a first output to indicate to the user a condition that the resolution is less than the desired minimum resolution, and a second output to indicate to the user a condition that the resolution is greater than the desired maximum resolution.

Contact:

For more information on the assets available for sale in this portfolio, contact Paul Greco.

Paul Greco
Senior Vice President
Paul@icapip.com
(212) 815-6692

The information that has been provided is believed to be complete to the extent provided and described, but ICAP Patent Brokerage makes no warranty that it is complete for all purposes or any specific purpose, industry, or business. Each party considering the portfolio is cautioned to make its own analysis regarding the utility and coverage of the portfolio, and to seek independent assistance in doing so.