ICAP PATENT BROKERAGE

Printers & Print Systems

Xerox Corporation & Palo Alto Research Center Incorporated

Initial Bidding Guidance: High 6 Figures

With priority dates from 1998, this portfolio offers benefits for printers, multifunction devices, and print finishing systems, including:

1. Method for a virtual finishing database used in a finishing system wherein the database stores capability and constraint information relating to finishing devices available for a finishing job. *[7,092,963]*
2. Method for a production monitor controller used in a finishing system having at least one finishing device that is controlled separately from production equipment and having a controller with access to device-dependent parameter information, including constraints for the at least one finishing device, with access to a description of the workpieces of a job, and with access to the manner in which such workpieces are to be finished. The method includes selecting at least one finishing device for finishing of the workpieces; identifying constraints of the selected device; and specifying job segments of workpieces such that the attributes of each job segment do not exceed the identified constraints. Applicable to the electronic management and control of a wide range of finishing processes characterized by input from multiple production operations and equipment. *[7,061,636]*
3. Method for printing colors with overlapped combinations of separately deposited separation colors that uses trapping to correct misregistration between printer output colors due to imperfect placement. *[7,139,098]*
4. Method for operating an integrated printing system that includes a plurality of image marking engines and at least one media feeder module, and, a first forward generally horizontal interface media transport between the image marking engines and feeder module to transport media from the feeder module to the image marking engines. *[7,188,929]*
5. Method for operating a finishing module coordinator controller used in a finishing system comprised of devices controlled separately from production equipment. Finishing job description information (e.g., identification of job segments) is received and used to program a finishing device. *[7,206,087]*
6. Method and apparatus to describe, plan, and automatically program a wide range of complex finishing processes characterized by input from multiple production operations and equipment that may be variably applied to work pieces that are also highly variable between jobs—e.g., as may be used for textile production, packaging operations for various consumer and industrial products, and printed wiring board production. *[7,864,346]*
7. Method for automated image quality analysis of arbitrary test patterns with coded identification labels that uses a scanner to scan a printed test pattern and an image quality analysis module to perform a series of tests on the scanned image. *[6,606,395]*
8. Method for processing a continuous-tone image to provide an encoded display image suitable for printing on a print medium, and to remove error diffusion artifacts with alternating distribution weights based on the difference between the color value of each encoded pixel and an output state of the pixel on the print medium. *[6,608,700]*
9. Method for performing remote image quality analysis of the output of an imaging device via a virtual technical support system, thus reducing service calls and customer complaints. The system generates a hardcopy test pattern from an image device, scans it to form a digital raster image, and test targets within the digital raster image are analyzed using pattern recognition software and according to the sensitivity of the human visual system. *[6,912,071]*

TECHNOLOGY
PERIPHERALS

NOVELTY
EFFICIENT, LOW-COST PRINT SYSTEMS THAT CONSISTENTLY PRODUCE HIGH-QUALITY IMAGES

IMPORTANCE
A VALUABLE PORTFOLIO FOR MARKING ENGINE, MULTIFUNCTION DEVICE AND PRINTING SOLUTIONS COMPANIES

NUMBER OF ASSETS
94

US PATENTS (45)

6,345,117	6,608,700
6,426,802	6,608,932
6,463,674	6,820,815
6,491,371	6,866,260
6,499,665	6,912,071
6,501,934	7,061,636
6,522,430	7,092,963
6,524,500	7,123,381
6,525,741	7,139,098
6,526,155	7,162,172
6,529,616	7,188,929
6,533,268	7,206,087
6,542,629	7,206,536
6,571,000	7,305,194
6,575,096	7,310,108
6,575,458	7,324,779
6,582,138	7,336,920
6,585,163	7,751,072
6,597,473	7,859,412
6,600,895	7,864,346
6,604,875	7,865,125
6,606,395	7,916,031
6,606,420	

OTHER PATENTS (47)

APPLICATIONS (2)

Please inquire for a complete asset listing.

10. Method for printing images using marking engines which are operatively connected to each other and share print media via a print media transport system comprised of a common paper, sensor element and image quality controller, so as to minimize variation of images produced on either marking engine. *[7,310,108]*
11. Method for monitoring modules in one or more printing machines utilizing RFID tags, wherein the node associated with a printing machine operatively interrogates the local RFID tag to retrieve information relating to the corresponding module, and communicates the information to a server component. *[7,859,412]*
12. Method for producing microencapsulated gyricon beads, based on the differences of surface tensions of materials that form the various layers and/or portions of the beads. *[6,524,500]*
13. Method for securely tracking documents via a visible watermark that is embedded in a document. The watermark can be implemented by modifying a halftone screen within a certain area by setting a grayscale range within that area to a predetermined threshold. *[6,526,155]*

Forward Citing Companies: Adobe Systems, Anoto Group AB, AT&T, Axis Communications AB, Broadcom, Brother Industries, Canon, Casio, Corning, Danaher, Dell, Delphi Automotive, Digimarc, DuPont, E Ink Holdings, Eastman Kodak, Entropic Communications, Escalade, Fujifilm, Fujitsu, General Electric, Google, Hewlett-Packard, Honeywell, IBM, Intellectual Ventures, Konica Minolta, Kyocera, LAM Research, Lexmark, Memjet, Microsoft, NCR Corporation, NEC, Nokia, Oki Electric, Olympus, Panasonic, Pitney Bowes, Polaroid, Porsche, Primax Electronics, Procter & Gamble, Raytheon, Ricoh, Safran SA, Samsung, SAP AG, Scientific Games Corp., Sega Sammy Holdings, Seiko, Sharp, Siemens AG, Silverbrook Research, Sony, Technicolor SA, Texas Instruments, Toshiba, Trimble Navigation, Walt Disney, Wintek Corporation

Priority Date: 10-22-1998

Representative Claim: US 7,336,920 – Claim #1
A printing system comprising: first and second marking devices for applying images to print media; a primary fusing device associated with each of the first and second marking devices for applying a primary fusing treatment to the images applied to print media by the first and second marking devices; and a secondary fusing module which receives printed media from the first and second marking devices, the secondary fusing module including first and second secondary fusing devices which selectively apply a further fusing treatment to the images applied to the printed media.

Contact:
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