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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	ROSENLUND, et al.
Title:	SYSTEM AND METHOD OF PROVIDING PUBLISHING AND PRINTING SERVICES VIA A COMMUNICATIONS NETWORK
Appl. No.:	09/364,935
Filing Date:	07/30/1999
Examiner:	Wallerson, Mark E.
Art Unit:	2622

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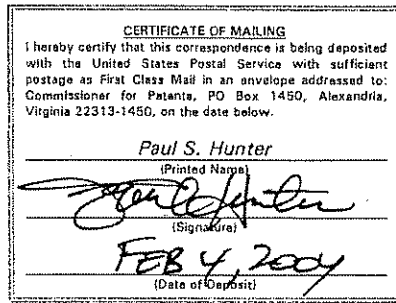
AMENDMENT AND REPLY UNDER 37 CFR 1.116

MAIL STOP NON-FEE AMENDMENT
Commissioner for Patents
PO Box 1450
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Sir:

This communication is responsive to the Final Office Action dated December 18, 2003, concerning the above-referenced patent application, making February 18, 2004, two months from the mailing date. Accordingly, this Amendment and Reply is timely filed.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this document.

Remarks/Arguments begin on page 6 of this document.

Please amend the application as follows:

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

In accordance with 37 CFR § 1.121, please substitute for original claims 1-20, the following rewritten versions of the same claims, as amended.

Please amend the following claims.

1.   (Currently amended): A printing and publishing system providing prepress, content management, infrastructure, and workflow services to system subscribers in real time using a communication network, the printing and publishing system comprising:

an end user facility coupled to a communication network, the end user facility providing page building operations, the page building operations including the design and construction of pages from images, text, and data available via said communication network and the generation of a portable document format (PDF) file;

a printing company facility coupled to said communication network, the printing company facility providing imposition operations and generating a plate-ready file from said PDF file, the imposition operations including the setting of pages on a particular plate as well as positioning and orientation of pages on said plate; and

a central service facility coupled to said communication network, the central service facility providing storage, file processing, remote access, and content management operations; the content management operations including the capture, organization, archival, retrieval, and reuse of electronic files containing any one of text, graphics, photos, artwork, full pages, audio, video, and completed projects; content management operations further including the organization and cataloging of file content for browsing, searching, and retrieving of files and data.

2.   (Original): The printing and publishing system of claim 1, wherein the end user facility further comprises a communication routing device coupling the end user facility to the communication network, a computer which performs page building operations, and a proofer which provides printed samples of pages.

3.   (Original): The printing and publishing system of claim 2, wherein the routing device is connected to an asynchronous transfer mode (ATM) switch.

4.   (Previously Presented): The printing and publishing system of claim 1, wherein the printing company facility further comprises a communication routing device coupling the printing company facility to the communication network, a computer which performs imposition operations, and a platesetter which exposes a printing plate.

5.   (Original): The printing and publishing system of claim 1, wherein the central service facility further comprises a communication routing device coupling the central service facility to the communication network, a server which performs content management operations, and storage devices which contain electronic files.

6.   (Original): The printing and publishing system of claim 1, wherein the central service facility further comprises a network including fast Ethernet and communication ports.

7.   (Original): The printing and publishing system of claim 1, wherein the communication network includes any one of data packets associated with a packet switched network and data cells associated with a cell switched network.

8.   (Original): The printing and publishing system of claim 7, wherein the cell switched network comprises an asynchronous transfer mode (ATM) network.

9.   (Original): The printing and publishing system of claim 1, wherein the central service facility are remotely located from the end user facility and printing customer facility.

10.   (Original): A method of providing printing and publishing services to a remote client in real time using a communication network, the method comprising:

storing files on a computer server, the files containing information relating to images, text, art, and data;

providing said files to a remote client for the designing of a page layout;

generating a portable document format (PDF) file from the designed page layout;

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generating a plate-ready file from said PDF file; and

providing said plate-ready file to a remote printer.

11.   (Original): The method of claim 10, further comprising providing said PDF file to said remote client for proofing and revision of the page layout.

12.   (Original): The method of claim 10, wherein the step of providing said plate-ready file to a remote printer comprises communicating said plate-ready file to said remote printer via a communication network.

13.   (Original): The method of claim 10, wherein the step of providing said files to a remote client for the designing of a page layout comprises providing access to a database containing said files over a communication network.

14.   (Original): The method of claim 10, wherein the step of generating a plate-ready file from said PDF file comprises converting said PDF file to a PostScript file.

15.   (Original): The method of claim 10, wherein the step of storing files on a computer server comprises logging said files into a content management database.

16.   (Original): A method of providing printing and publishing services to a remote client performing any one of page layout designing and plate press printing where said printing and publishing services are provided in real time using a wide area communication network, the method comprising:

storing high resolution files on a computer server;

generating low resolution files corresponding to said high resolution files;

providing said low resolution files to a remote client for the designing of a page layout;

generating a portable document format (PDF) file from the page layout designed by said remote client;

providing said PDF file to said remote client; and

providing a plate-ready file to a remote printer.

17.   (Original): The method of claim 16, wherein the low resolution files are stored in a storage device at said remote client.

18.   (Original): The method of claim 16, wherein the step of generating a portable document format (PDF) file from the page layout designed by said remote client comprises receiving a PostScript file from said remote client via the communication network; and swapping said low resolution files used in said page layout with said high resolution files.

19.   (Original): The method of claim 16, wherein the step of providing a plate-ready file to a remote printer comprises converting the format of the PDF file to a plate-ready file format and communicating the plate-ready file to the remote printer via the communication link.

20.   (Original): The method of claim 16, wherein the step of storing files on a computer server comprises logging said files into a content management database according to user profiles and attributes.

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