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g. application software for generating a second menu from said first menu and transmitting said second menu to a wireless handheld computing device or Web page, wherein the application software facilitates the generation of the second menu by allowing selection of categories and items from the first menu, addition of menu categories to the second menu, addition of menu items to the second menu and assignment of parameters to items in the second menu using the graphical user interface of said operating system, said parameters being selected from the modifier and sub-modifier menus.

2. An information management and synchronous communications system in accordance with claim 1, wherein the second menu is a restaurant menu.

3. An information management and synchronous communications system in accordance with claim 1, wherein the second menu is capable of being displayed on the display screen of a wireless computing device.

4. An information management and synchronous communications system in accordance with claim 3, wherein selections from the second menu are capable of being transmitted to a receiving computer by wireless link.

5. An information management and synchronous communications system in accordance with claim 3, wherein selections from the second menu are capable of being transmitted to a receiving computer via the internet.

6. An information management and synchronous communications system in accordance with claim 1, wherein the second menu is capable of being displayed on display screens of computers in a network.

7. An information management and synchronous communications system in accordance with claim 6, wherein the computer network is the internet.

8. An information management and synchronous communications system in accordance with claim 1, wherein the second menu is created in conformity with hypertext markup language or extensible markup language.

9. An information management and synchronous communications system in accordance with claim 1, wherein the second menu overwrites the first menu.

10. The information management and synchronous communications system of claim 1, wherein the first menu and the second menu are both capable of being displayed in the same window on the display screen.

11. The information management and synchronous communications system of claim 1, wherein the menu categories and items comprising the second menu are subsets, respectively, of the menu categories and items comprising the first menu.

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12. An information management and synchronous communications system for use with wireless handheld computing devices and the internet comprising:

- a. a central database containing hospitality applications and data,
- b. at least one wireless handheld computing device on which hospitality applications and data are stored,
- c. at least one Web server on which hospitality applications and data are stored,
- d. at least one Web page on which hospitality applications and data are stored,
- e. an application program interface, and
- f. a communications control module.

wherein applications and data are synchronized between the central data base, at least one wireless handheld computing device, at least one Web server and at least one Web page; wherein the application program interface enables intergration of outside applications with the hospitality applications and wherein the communications control module is an interface between the hospitality applications and any other communications protocol.

13. The information management and synchronous communications system of claim 12 wherein the communications control module provides a single point of entry for all hospitality applications and wherein the single point of entry allows the synchronization of at least one wireless handheld computing device and at least one Web page with the central database so that at least one handheld device, at least one Web page and central database are consistent.

14. The information management and synchronous communications system of claim 13 wherein information entered on at least one Web page and transmitted over the internet is automatically communicated to the central database and at least one wireless handheld computing device.

15. The information management and synchronous communications system of claim 13 wherein information entered on at least one wireless handheld computing device is automatically communicated to the central database and at least one Web page.

16. The information management and synchronous communications system of claim 12 wherein the applications and data are synchronized by digital data transmission between the central database, at least one wireless handheld computing device, at least one Web server and at least one Web page.

* * * * *

PATENT

Docket No. 3125-4002

Express Mail Label No. EJ917774582US



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

UTILITY APPLICATION AND APPLICATION FEE TRANSMITTAL (1.53(b))

ASSISTANT COMMISSIONER FOR PATENTS
Box Patent Application
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of

Named Inventor(s) and
Address(es):

Keith R. McNally, Santa Clarita, CA; William H. Roof, San Diego, CA; Richard Bergfeld, Chatsworth, CA

For:

INFORMATION MANAGEMENT AND SYNCHRONOUS COMMUNICATIONS

SYSTEM WITH MENU GENERATION

Enclosed are:

26 page(s) of specification, 1 page(s) of Abstract, 9 page(s) of claims

7 sheets of drawing formal informal

6 page(s) of Declaration and Power of Attorney

- Unsigned
- Newly Executed
- Copy from prior application

Deletion of inventors including Signed Statement under 37 C.F.R. § 1.63(d)(2)

Incorporation by Reference: The entire disclosure of the prior application, from which a copy of the combined declaration and power of attorney is supplied herein, is considered as being part of the disclosure of the accompanying application and is incorporated herein by reference.

Microfiche Computer Program (Appendix)

_____ page(s) of Sequence Listing

- computer readable disk containing Sequence Listing
- Statement under 37 C.F.R. § 1.821(f) that computer and paper copies of the Sequence Listing are the same

492242_1

- Claim for Priority
- Certified copy of Priority Document(s)
 - English translation documents
- Information Disclosure Statement
 - Copy of ____ cited references
 - Copy of PTO-1449 filed in parent application serial No. _____
- Preliminary Amendment
- Return receipt postcard (MPEP 503)
- Assignment Papers (assignment cover sheet and assignment documents)
 - A check in the amount of \$40.00 for recording the Assignment.
 - Assignment papers filed in parent application Serial No. _____.
 - Certification of chain of title pursuant to 37 C.F.R. § 3.73(b).
- This is a continuation divisional continuation-in-part (C-I-P) of prior application serial no. _____.
- Cancel in this application original claims _____ of the parent application before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)
- A preliminary Amendment is enclosed. (Claims added by this Amendment have been properly numbered consecutively beginning with the number following the highest numbered original claim in the prior application.
- The status of the parent application is as follows:
 - A Petition For Extension of Time and a Fee therefor has been or is being filed in the parent application to extend the term for action in the parent application until _____
 - A copy of the Petition for Extension of Time in the co-pending parent application is attached.
 - No Petition For Extension of Time and Fee therefor are necessary in the co-pending parent application.
- Please abandon the parent application at a time while the parent application is pending or at a time when the petition for extension of time in that application is granted and while this application is pending has been granted a filing date, so as to make this application co-pending.
- Transfer the drawing(s) from the patent application to this application.
- Amend the specification by inserting before the first line the sentence:
This is a continuation divisional continuation-in-part of co-pending application Serial No. _____
_____ filed _____

I. CALCULATION OF APPLICATION FEE (For Other Than A Small Entity)

	Number Filed		Number Extra	Rate	Basic Fee
Total Claims	43	-20=	23	x\$18.00	\$414.00
Independent Claims	5	- 3=	2	x\$78.00	\$156.00
Multiple Dependent Claims	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no		Additional Fee =	\$260.00	\$0
			Add'l Fee =	NONE	

Total: \$ 1,330.00

- A statement claiming small entity status is attached or has been filed in the above-identified parent application and its benefit under 37 C.F.R. § 1.28(a) is hereby claimed. Reduced fees under 37 C.F.R. § 1.9(F) (50% of total) paid herewith \$ 665.00.
- A check in the amount of \$665.00 in payment of the application filing fees is attached.
- Charge Fee(s) to Deposit Account No. 13-4500. Order No. _____. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.
- The Assistant Commissioner is hereby authorized to charge any additional fees which may be required for filing this application, or credit any overpayment to Deposit Account No. 13-4500, Order No. 3125-4002. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

Respectfully submitted,

MORGAN & FINNEGAN, L.L.P.

Dated: September 21, 1999

By: John W. Osborne
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 Rev. 11/13/98



PATENT

Docket No. 3125-4002US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : McNally et al.
Serial No. : 09/400,413 Group Art Unit: 2173
Filed : September 21, 1999 Examiner: Cao Nguyen
For : INFORMATION MANAGEMENT AND SYNCHRONOUS
COMMUNICATIONS SYSTEM WITH MENU GENERATION

RECEIVED
JUL 26 2001
Technology Center 2100

CERTIFICATE OF MAILING (37 C.F.R. 1.8a)

Commissioner for Patents
Washington, D.C. 20231

Sir:

I hereby certify that the attached:

1. Amendment; and
2. Return Receipt Postcard

along with any paper(s) referred to as being attached or enclosed and this Certificate of Mailing are being deposited with the United States Postal Service on date shown below with sufficient postage as first-class mail in an envelope addressed to the: Commissioner for Patents, Washington, D.C., 20231.

Respectfully submitted,

MORGAN & FINNEGAN, L.L.P.

Angus Gill

Dated: July 19, 2001

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