PATENT OWNER

EXHIBIT 2022

Docket No. 1004293.005US

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| Serial No.: | 11/112,990 | Confirmation No.: | 7098 |
| Applicant(s): | McNally, et al. | Group Art Unit: | 2191 |
| Filed: | April 22, 2005 | Examiner: | Brophy, Matthew |

For: INFORMATION MANAGEMENT AND SYNCHRONOUS COMMUNICATIONS SYSTEM WITH MENU GENERATION, AND HANDWRITING AND VOICE MODIFICATION OF ORDERS

## SUPPLEMENTAL RESPONSE AND AMENDMENT OF CLAIMS

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants sincerely thank the Examiner, and also Wei Zhen and Gail Hayes of the

USPTO, for the very productive interview on November 16, 2010. This Supplemental Response

and Amendment of Claims responds to the discussion of that interview, as summarized in the

Interview Summary of December 7, 2010.

Please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2

of this paper; and

**Remarks** begin on page 12 of this paper.

## Amendments to the Claims:

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

application. By the present amendment, Claims 109-114 are cancelled. Claims 103-108, 115-

122, 124-125 and 127 are amended.  Claims 103-108 and 115-127 are now pending in the

application.  No new matter has been added by the present amendment.

1-102. (Cancelled).

103. (Currently Amended)  An information management and real time synchronous

communications system for configuring and transmitting hospitality menus comprising:

a. a central processing unit,

b. a data storage device connected to said central processing unit,

c. an operating system including a first graphical user interface,

d. a master menu including at least menu categories, menu items and modifiers, wherein

said master menu is capable of being stored on said data storage device pursuant to a master

menu file structure and said master menu is capable of being configured for display to facilitate

user operations in at least one window of said first graphical user interface as cascaded sets of

linked graphical user interface screens, and

e. menu configuration software enabled to generate a programmed handheld menu

configuration from said master menu for wireless transmission to and programmed for display on

a wireless handheld computing device, said programmed handheld menu configuration

comprising at least menu categories, menu items and modifiers and wherein the menu

configuration software is enabled to generate said  programmed handheld menu configuration by

utilizing parameters from the master menu file structure defining at least the menu categories,

menu items  and modifiers of the master menu such that at least the menu categories, menu items

and modifiers comprising the programmed handheld menu configuration are synchronized in real

time with analogous information comprising the master menu,

wherein the menu configuration software is further enabled to generate the programmed handheld menu configuration in conformity with display screen parameters unique to the wireless handheld computing device to facilitate user operations with and display of the programmed handheld menu configuration on the display screen of a handheld graphical user interface integral with the wireless handheld computing device, wherein said display screen parameters comprise at least the displayable size of the handheld graphical user interface wherein the programmed handheld menu configuration is configured by the menu configuration software for display as programmed cascaded sets of linked graphical user interface screens appropriate for the display screen parameters of the wireless handheld computing device, wherein said programmed cascaded sets of linked graphical user interface screens for display of the handheld menu configuration are configured differently from the cascaded sets of linked graphical user interface screens for display of the master menu on said first graphical user interface, and

wherein the system is enabled for real time synchronous communications to and from the wireless handheld computing device utilizing the programmed handheld menu configuration including the capability of real time synchronous transmission of the programmed handheld menu configuration to the wireless handheld computing device and real time synchronous transmissions of selections made from the handheld menu configuration on the wireless handheld computing device ~~and~~

~~wherein, the system is further enabled by a communications systemic relationship providing a common, linked system comprising:~~

~~a) A Wireless Hub Application;~~

~~b) A Web Hub Application;~~

~~c) Linked Databases between two or more different Hospitality Applications; and~~

~~d) A Communications Setup Application.~~

104. (Currently Amended)  The information management and synchronous communications system in accordance with claim 103, wherein ~~as part of the communications systemic relationship, the system also enables the generation and transmission of:~~

~~a.) on line reports~~

~~b.) on line coordination.~~ the system is further enabled by a communications systemic relationship providing a common, linked system comprising:

a) A Wireless Hub Application;

b) A Web Hub Application;

c) Linked Databases between two or more different Hospitality Applications; and

d) A Communications Setup Application.

105. (Currently Amended)  The information management and real time synchronous communications system in accordance with claim 103~~, or 104~~, wherein the information from the POS database is automatically imported into the system.

106. (Currently Amended)  The information management and real time synchronous communications system in accordance with ~~any of claims 103 – 105~~claim 103, wherein the said Hospitality Applications include at least

~~a) Frequent customer applications; and~~

~~b) Point of sale applications; and~~

~~c)~~ Reservations applications.

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