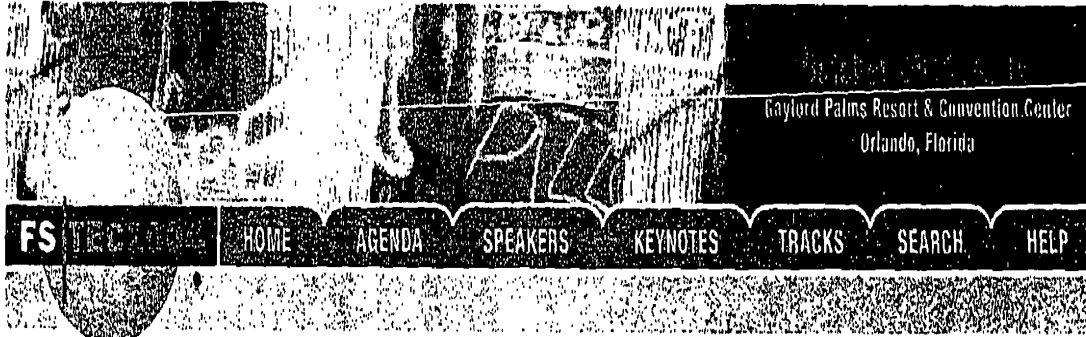


EXHIBIT 12



Dear FS/TEC 2004 Attendees:

Welcome to Orlando, Florida and the Ninth Annual International Foodservice Technology Exposition.

Our theme, "Powering Up Connections," perfectly defines this industry-leading event. There is no show in foodservice that so effectively connects you with the hottest technology applications, gets you up to speed on all the trends, and lets you continuously network with your peers.

For real-world applications you can't beat the experience of our keynote speakers, Valerie K. Collins, of Darden Restaurants, Inc., and John M. Deane, of Wendy's International, Inc., who have been on the frontline of technology implementation for years with major restaurant organizations.

Valerie and John are part of a vital educational program that includes a new Strategic Business Solutions track as well as dynamic panel discussions with leading restaurant operators and suppliers. You also won't want to miss our new "Ask the Experts" Roundtable session where you can interact virtually one-on-one with industry experts.

A key part of FS/TEC will again be our Exhibit Hall with over 150 exhibitors and a host of vendor tutorials. Speaking of exhibitors, we'd like to thank our Founding Sponsors, IBM Corporation, MICROS Systems, Inc. and Microsoft Corporation, and our Corporate Sponsors, Aloha by Radiant Systems, Epson America, Inc. and ParTech, Inc. for the invaluable support they have provided FS/TEC through the years. We'd also like to acknowledge the contributions our FS/TEC Advisory Board has made to this year's event.

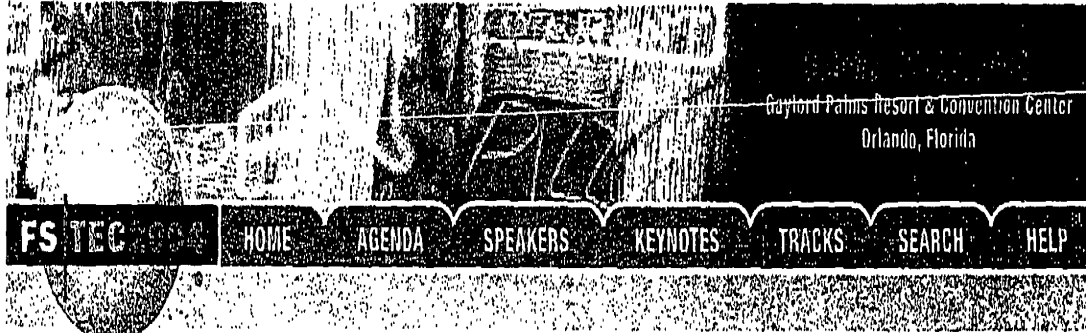
For attendees and exhibitors alike, FS/TEC offers outstanding opportunities to advance your business. From our opening session on Sunday to our roundtables on Wednesday, from the Exhibit Hall to our keynote speeches and awards, this event is 100 percent about technology in foodservice. Thank you for joining us at FS/TEC 2004!

Sincerely,

Alan Gould
 Publisher
 Nation's Restaurant News
 Co-Chairman, FS/TEC 2004

Robert N. Grimes
 Chairman & CEO
 Accuvia
 Co-Chairman, FS/TEC 2004





<< previous page

click on session title for documentation

E-menu Wireless Solution - Automating Guest Services from the Concierge to the Restaurant Table

Tuesday 10:30 - 11:30 am
 The E-menu Wireless System delivers breakthrough E-menu solutions for InterContinental's Hotel Group. Intel and other technology leaders, have partnered with InterContinental Hotels Group (IHG) to turn the vision of a Wi-Fi, Internet-enabled dynamic paperless menu into an operational reality for IHG's Holiday Inn brand. This 21st Century Hotel(tm) "E-Menu" system, automates guest services from the concierge to the restaurant table. The E-Menu system, allows guests to use a Tablet PCs to browse the real-time menu items, customize orders and even place orders directly into the kitchen from E-Menu equipped tables in the restaurants or order room service directly from their laptops within their hotel rooms. This breakthrough solution is the first in the world to totally integrate and link digital communications over the Internet, hotel Intranet, and 802.11 wireless, with on premise JTECH staff paging, cell phones, and fixed and wireless printers - all operating to deliver an unprecedented guest experience.

click on speaker name for biography

Jim Bailey InterContinental Hotels Group
Rob Lewis Ameranth



EXHIBIT 13

RECEIVED
CENTRAL FAX CENTER

MAY 24 2010

FOR IMMEDIATE RELEASE

Contact: VP Marketing
Ph 858-362-0150 x102
cgruer@Ameranth.com

Ameranth Wireless™ announces 21 St Century Communications™ Suite and Symbol PPT 8800 “Roll Out” with The Cheesecake Factory

Success at the initial test sites convinced The Cheesecake Factory to deploy the innovative new solution- operating on Symbol 8800 handhelds to all its 80 locations.

August 10th, 2004, San Diego— The Cheesecake Factory has procured Ameranth Wireless 21st Century Communications Suite product for all 80 of its locations nationwide. This innovative solution was developed in partnership with The Cheesecake Factory IT Staff and it operates on Symbol PPT 8800 enterprise PDAs with Microsoft Windows Mobile™ 2003.

Ameranth's 21st Century Communications Suite is an exceptionally versatile software solution that enables users to conduct inventories, surveys, inspections, opening/closing checklist and even guest loyalty program "sign ups" - on mobile devices and then to transfer that captured data into the Windows® based application running on standard PC's.

"When we first started this project, our primary focus was to replace our existing food cost and handheld inventory program with a modern, easy to learn/use mobile solution. While Ameranth's application, integrated with our new E-COST program, has successfully met that goal, we believe that the additional functionality in their product will give our operators a better tool to help us focus on cost control opportunities - once all our stores are fully deployed" said Peter J. D'Amelio, President and Chief Operating Officer of The Cheesecake Factory. "Ameranth has been a great partner on this project"

The Cheesecake Factory is a unique, upscale casual dining restaurant offering more than 200 menu selections including Appetizers, Pizza, Pasta, Seafood, Steaks, Salads, Sandwiches, and more. The Cheesecake Factory Incorporated operates 77 full-service, casual dining restaurants under The Cheesecake Factory® mark in major metropolitan areas in the United States. The Company also operates Grand Lux Cafe®, an upscale casual dining restaurant concept with locations in Las Vegas (The Venetian Resort-Hotel-Casino), Chicago (Michigan Avenue) and Los Angeles (Beverly Center); one self-service, limited menu "express" foodservice operation under The Cheesecake Factory Express® mark inside the DisneyQuest® family entertainment center in Orlando, Florida; and a bakery production facility. The Company also licenses three bakery cafes under The Cheesecake Factory mark to another foodservice operator

RECEIVED
CENTRAL FAX CENTER

MAY 24 2010

"We are honored to have the opportunity to partner with The Cheesecake Factory and leverage the power of our strategic partners, Microsoft and Symbol, to deliver a breakthrough solution for them." said Keith McNally, CEO of Ameranth Wireless. "The rapid ROI and many benefits from this system should accelerate the adoption of wireless handhelds with many other restaurant customers".

####

About Ameranth Wireless, Inc.

Ameranth Wireless Inc. (<http://www.ameranth.com>) is the recognized wireless leader in the hospitality market, having been featured in the *Wall Street Journal*, *New York Times*, *Chicago Sun Times*, *USA Today*, *Business Week*, *US News & World Report*, *Nation's Restaurant News*, *Hospitality Technology*, *TIME*, *CNNfn*, *San Diego Union Tribune*, and numerous other prestigious publications. Ameranth has also been awarded five "best product" awards in the Hospitality Market. In addition, the company has been selected for three financial awards/grants for wireless technology development from the National Science Foundation and the California Goldstrike Program-- totaling one million dollars. In Spring 2002, Ameranth was awarded a patent (#6,384,850) for its software methodology which instantly creates displays and a GUI (Graphical User Interface) on handheld screens, without the need for custom programming for restaurant/hotel customers.

Tel: (888) AMERANTH Fax: (858) 362-0151
<http://www.ameranth.com> mail to: info@ameranth.com

MAY 24 2010

MAZZARELLA ■ CALDARELLI LLP

ATTORNEYS AT LAW

550 WEST "C" STREET, SUITE 700
SAN DIEGO, CA 92101-3235

TELEPHONE: 619 238 4900
FACSIMILE: 619 238 4959

FACSIMILE TRANSMITTAL SHEET

| | |
|--|--|
| TO: | FROM: |
| Mail Stop AF Commissioner for Patents | Michael D. Fabiano (mfabiano@mazzcal.com) |
| COMPANY: | SENDER'S DIRECT DIAL: |
| U.S. Patent and Trademark Office | EXTENSION 306 |
| FAX NUMBER: | DATE: |
| 571.273.8300 | May 24, 2010 |
| PHONE NUMBER: | TOTAL NO. OF PAGES INCLUDING COVER: |
| | 78 |
| RE: | CLIENT REFERENCE NUMBER:: |
| 1660.04 | Application No. 11/112,990 |

URGENT FOR REVIEW PLEASE COMMENT PLEASE REPLY

ORIGINAL WILL FOLLOW

Notes:

Attached are the following documents:

- 1) Request for Continued Examination (RCE) transmittal
- 2) Petition for Extension of Time
- 3) Credit Card Payment Form
- 4) Request for Continued Examination (RCE) submittal
- 5) Supplemental Declaration Under 37 C.F.R. Section 1.132 and Exhibits 1 – 13 thereto

This facsimile is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure, or distribution is prohibited. If you are not the intended recipient, please contact the sender at the number listed above and destroy all copies of the original facsimile.

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

Approved for use through 07/31/2012, OMB 0651-0031
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | |
|--|------------------------|-------------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | 11112990 |
| | Filing Date | 2005-04-22 |
| | First Named Inventor | McNally, Keith R. |
| | Art Unit | 2191 |
| | Examiner Name | Brophy, Matthew |
| | Attorney Docket Number | 1004283.005 US |

| U.S. PATENTS | | | | | | | | |
|--|---------|--|---------------------------|------------------------|---|--|--|--------------------------|
| Examiner Initial* | Cite No | Patent Number | Kind Code ¹ | Issue Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear | | |
| | 1 | | | | | | | |
| If you wish to add additional U.S. Patent citation information please click the Add button. | | | | | | | | |
| U.S. PATENT APPLICATION PUBLICATIONS | | | | | | | | |
| Examiner Initial* | Cite No | Publication Number | Kind Code ¹ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear | | |
| | 1 | | | | | | | |
| If you wish to add additional U.S. Published Application citation information please click the Add button. | | | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | | |
| Examiner Initial* | Cite No | Foreign Document Number ² | Country Code ³ | Kind Code ⁴ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear | T ⁵ |
| | 1 | | | | | | | <input type="checkbox"/> |
| If you wish to add additional Foreign Patent Document citation information please click the Add button. | | | | | | | | |
| NON-PATENT LITERATURE DOCUMENTS | | | | | | | | |
| Examiner Initials* | Cite No | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | | | | T ⁵ | |

EPF Web 2.1.17

| | | |
|---|------------------------|-------------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | 11112990 |
| | Filing Date | 2005-04-22 |
| | First Named Inventor | McNally, Keith R. |
| | Art Unit | 2191 |
| | Examiner Name | Brophy, Matthew |
| | Attorney Docket Number | 1004293.005 US |

| | | |
|--|--|--------------------------|
| 1 | Judgment on Jury Verdict, Sept. 21, 2010, Ameranth, Inc. v. Menusoft Systems Corp. and Cash Register Sales & Service of Houston, Inc., Case No. 2:07-CV-271-CE (E.D. Tex.) | <input type="checkbox"/> |
| 2 | Plaintiff's Final Trial Exhibit List, Ameranth, Inc. v. Menusoft Systems Corp. and Cash Register Sales & Service of Houston, Inc., Case No. 2:07-CV-271-CE (E.D. Tex.) | <input type="checkbox"/> |
| 3 | Defendants' Final Trial Exhibit List, Ameranth, Inc. v. Menusoft Systems Corp. and Cash Register Sales & Service of Houston, Inc., Case No. 2:07-CV-271-CE (E.D. Tex.) | <input type="checkbox"/> |
| If you wish to add additional non-patent literature document citation information please click the Add button | | |
| EXAMINER SIGNATURE | | |
| Examiner Signature | | Date Considered |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | |
| <small> ¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached. </small> | | |

EFS Web 2.1.17

| | | |
|--|------------------------|-------------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.89) | Application Number | 11112890 |
| | Filing Date | 2005-04-22 |
| | First Named Inventor | McNally, Keith R. |
| | Art Unit | 2191 |
| | Examiner Name | Brophy, Matthew |
| | Attorney Docket Number | 1004293.005 US |

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

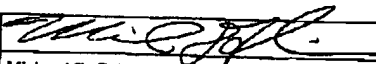
See attached certification statement.

Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

| | | | |
|------------|---|---------------------|------------|
| Signature |  | Date (YYYY-MM-DD) | 2010-10-01 |
| Name/Print | Michael D. Fabiano | Registration Number | 44,675 |

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

EFS Web 2.1.17

EXHIBIT 4

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

MAZZARELLA ■ CALDARELLI LLP

ATTORNEYS AT LAW

160 WEST "C" STREET, SUITE 760
SAN DIEGO, CA 92101-3235

TELEPHONE: 619 238 4900
FACSIMILE: 619 238 4959

RECEIVED
CENTRAL FAX CENTER

OCT 01 2010

FACSIMILE TRANSMITTAL SHEET

| | |
|--|--|
| TO: Mail Stop AF Commissioner for Patents | FROM: Michael D. Fabiano (mfabiano@mazzcal.com) |
| COMPANY: U.S. Patent and Trademark Office | SENDER'S DIRECT DIAL: EXTENSION 306 |
| FAX NUMBER: 571.273.8300 | DATE: October 1, 2010 |
| PHONE NUMBER: | TOTAL NO. OF PAGES INCLUDING COVER: 81 |
| RE: 1660.04 | CLIENT REFERENCE NUMBER:: Application No. 11/112,990 |
| <input type="checkbox"/> URGENT <input type="checkbox"/> FOR REVIEW <input type="checkbox"/> PLEASE COMMENT <input type="checkbox"/> PLEASE REPLY <input type="checkbox"/> ORIGINAL WILL FOLLOW | |
| Notes: | |

Attached are the following documents:

- 1) Transmittal Form
- 2) Information Disclosure Statement
- 3) IDS Form PTO/SB/08a

This facsimile is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure, or distribution is prohibited. If you are not the intended recipient, please contact the sender at the number listed above and destroy all copies of the original facsimile.

OCT 01 2010


Doc Code: TRAN.LET
Document Description: Transmittal Letter

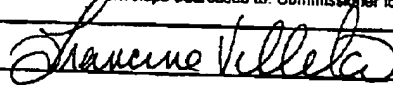
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | |
|--|------------------------|-------------------|
| TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small> | Application Number | 11/112,990 |
| | Filing Date | 2006-04-22 |
| | First Named Inventor | McNally, Keith R. |
| | Art Unit | 2191 |
| | Examiner Name | Brophy, Matthew |
| | Attorney Docket Number | 1004283.006US |
| Total Number of Pages in This Submission | | |

| ENCLOSURES (Check all that apply) | | |
|---|---|---|
| <input type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance Communication to TC |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Change of Correspondence Address | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Terminal Disclaimer | Information Disclosure Statement, and Form PTO/SB/08a |
| <input checked="" type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> Request for Refund | |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> CD, Number of CD(s) | |
| <input type="checkbox"/> Reply to Missing Parts/Incomplete Application | <input type="checkbox"/> Landscape Table on CD | |
| <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.62 or 1.53 | Remarks | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | |
|--|---|
| Firm Name | MAZZARELLA CALDARELLI LLP |
| Signature |  |
| Printed name | MICHAEL D. FABIANO |
| Date | 2010-10-01 |
| Reg. No. | 44,675 |

| CERTIFICATE OF TRANSMISSION/MAILING | |
|---|---|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: | |
| Signature |  |
| Typed or printed name | FRANCINE VILLETA |
| Date | 2010-10-01 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Docket No. 1004293.005US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | | |
|---------------|-----------------|-------------------|-----------------|
| Serial No.: | 11/112,990 | Confirmation No.: | 7098 |
| Applicant(s): | McNally, et al. | Group Art Unit: | 2191 |
| Filed: | April 22, 2005 | Examiner: | Brophy, Matthew |
| | | Customer No.: | 27123 |

RECEIVED
CENTRAL FAX CENTER
OCT 01 2010

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

INFORMATION DISCLOSURE STATEMENT

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

Sir:

Applicants respectfully submit this Information Disclosure Statement regarding litigation related to this application, per MPEP 2001.06(c).

In September 2010, a jury trial was held in the lawsuit *Ameranth, Inc. v. Menusoft Systems Corp. and Cash Register Sales & Service of Houston, Inc.*, Case No. 2:07-CV-271-CE, in the United States District Court for the Eastern District of Texas. At issue in this trial were claims of patent infringement against defendants as to claims 1 and 4 of U.S. Patent No. 6,384,850 (hereinafter "the '850 Patent"), claims 6, 9, and 10 of U.S. Patent 6,871,325 (hereinafter "the '325 Patent"), and claims 1 and 3 of U.S. Patent No. 6,982,733. Forty of the allowed forty-seven claims in these three patents were not before the Texas jury. The jury returned a verdict on September 20, 2010. In their verdict, the jury found that neither defendant infringed any of the seven asserted claims, that the seven asserted claims were invalid because

Serial No. 11/112,990

Docket No. 1004293.005US

they were anticipated, and that the seven asserted claims were invalid because they were obvious. The court entered judgment upon the jury's verdict, and a copy of that judgment is submitted herewith as Exhibit 1 to the concurrently-submitted Form PTO/SB/08a. Ameranth believes that the jury's verdict was not supported by substantial evidence and Ameranth intends to seek a reversal in the trial court and/or an appeal to the Federal Circuit.

Also submitted herewith are a copy of the Plaintiff's Final Trial Exhibit List (Exhibit 2 to the concurrently-submitted Form PTO/SB/08a) and Defendants' Final Trial Exhibit List (Exhibit 3 to the concurrently-submitted Form PTO/SB/08a). The judgment and trial exhibit lists are submitted, per MPEP 2001.06(c), "to clearly inform the Office of the nature of these issues so that the Office can intelligently evaluate the need for asking for further materials in the litigation." The Examiner is invited to contact Applicants' attorney of record on this Application if the Examiner would like to request any additional materials from the Ameranth-Menusoft patent lawsuit. The items listed on Form PTO/SB/08a submitted herewith, are made of record herein, and the Examiner's attention is directed to each of the items listed on Form PTO/SB/08a.

The documents listed in the enclosed trial exhibit lists include both confidential and non-confidential documents regarding trial issues, and further include both "true evidence" and opinions such as the written opinions of expert witnesses hired by the parties in the lawsuit. Applicants believe that the references from the Ameranth-Menusoft lawsuit are either included in the extensive Information Disclosure Statements previously submitted (in regards to the Ameranth-Menusoft litigation) by Applicants, and/or are references previously identified by Examiner, and/or are cumulative of the references previously submitted by Applicants and previously identified by Examiner.

- 2 -

Serial No. 11/112,990

Docket No. 1004293.005US

Further submitted herewith, as page 4 of this IDS, is a chart showing all of the independent and dependent claims of the '850 Patent, the '325 Patent, and the '733 Patent. The seven claims found to be invalid by the Texas jury are noted with check marks. As the Examiner will note, independent claim 122 in the present application is not derived from any of those seven claims. Also, all of the claims in the present application have numerous substantial claim limitations that were not present in any of the claims that were at issue before the Texas jury.

No fee is due under 37 C.F.R. § 1.17(p) for this Information Disclosure Statement, because it is being filed in compliance with 37 C.F.R. § 1.97(b)(4), before the mailing date of a first office action after the filing of an RCE under § 1.114.

Dated: October 1, 2010

Respectfully submitted,

/s/ Michael D. Fabiano

MICHAEL D. FABIANO

Registration No. 44,675

MAZZARELLA ■ CALDARELLI LLP

550 West C Street, Suite 700

San Diego, California 92101

(619) 238-4900 Telephone

(619) 238-4959 Facsimile

Attorney for Applicants

| Claim Chart for US Patent 6384850 | Claim Chart for US Patent 6871325 | Claim Chart for US Patent 6982733 |
|--|--|--|
| <p><u>1</u> ✓</p> <p>+-----2</p> <p>+-----3</p> <p> -----4 ✓</p> <p> -----5</p> <p>+-----6</p> <p> -----7</p> <p>+-----8</p> <p>+-----9</p> <p>+-----10</p> <p>+-----11</p> <p><u>12</u></p> <p>+-----13</p> <p> -----14</p> <p> -----15</p> <p>+-----16</p> | <p><u>1</u></p> <p>+-----2</p> <p>+-----3</p> <p>+-----4</p> <p>+-----5</p> <p>+-----6 ✓</p> <p>7</p> <p><u>8</u></p> <p><u>9</u> ✓</p> <p>+-----10 ✓</p> <p><u>11</u></p> <p>+-----14</p> <p>+-----15</p> <p><u>12</u></p> <p>+-----14</p> <p>+-----15</p> <p><u>13</u></p> <p>+-----14</p> <p>+-----15</p> | <p><u>1</u> ✓</p> <p>+-----2</p> <p>+-----3 ✓</p> <p>+-----6</p> <p> -----7</p> <p>+-----8</p> <p>+-----9</p> <p><u>4</u></p> <p>+-----6</p> <p> -----7</p> <p>+-----8</p> <p>+-----9</p> <p> -----10</p> <p>+-----11</p> <p><u>5</u></p> <p>+-----6</p> <p> -----7</p> <p>+-----8</p> <p> -----9</p> <p>+-----10</p> <p>+-----11</p> <p><u>12</u></p> <p>+-----13</p> <p> -----14</p> <p>+-----15</p> <p>+-----16</p> |

✓ = Claims found invalid by Texas jury



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
11/112,990 04/22/2005 Keith R. McNally 1004293.005 US 7098

7590 12/07/2010
Mazzarella Calderelli LLP
550 West "C" Street,
Suite 700
San Diego, CA 92101

EXAMINER

BROPHY, MATTHEW J

ART UNIT PAPER NUMBER

2191

MAIL DATE DELIVERY MODE

12/07/2010

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

| | | | |
|--------------------------|--------------------------------------|---------------------------------------|--|
| Interview Summary | Application No. 11/112,990 | Applicant(s) MCNALLY ET AL. | |
| | Examiner MATTHEW J. BROPHY | Art Unit 2191 | |

All participants (applicant, applicant's representative, PTO personnel):

- (1) MATTHEW J. BROPHY. (3) KEITH MCNALLY.
(2) WEI ZHEN, GAIL HAYES. (4) MICHAEL FABIANO.

Date of Interview: 11/16/2010.

Type: a) Telephonic b) Video Conference
c) Personal [copy given to: 1) applicant 2) applicant's representative]

Exhibit shown or demonstration conducted: d) Yes e) No.
If Yes, brief description: _____.

Claim(s) discussed: 103-127.

Identification of prior art discussed: Micros 8700, Kanevsky (USPN 6,300,947), Chase Jr. (USPN 5,974,238).

Agreement with respect to the claims f) was reached. g) was not reached. h) N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

| | |
|--|--|
| | /Wei Y Zhen/ Supervisory Patent Examiner, Art Unit 2191 |
|--|--|

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

The applicant, applicant's representative and office personnel discussed the secondary considerations presented in the applicant's 1.132 declarations. The applicant clarified that they are making arguments concerning both "long felt need" and "commerical success" as evidence of non-obviousness. The applicant particularly pointed to the food.com email discussing licensing of applicant's technology. The office personell expressed concern that the showings of secondary considerations were not comiserate with the scope of the claims as presently amended.

The Applicant agreed to submit additional evidence addressing the particular claim limitaitons currently before the office within four weeks of the interview.

The examiner agreed to address the secondary considerations on the record in the next office action.

The applicant also agreed to point out in their response what subject matter, if anything, is not entitled to the priority date of the parent application because of the contiuation-in-part status of the application.

The examiner also expressed concern that the newly amended dependent claims were improper multiple dependent claims, which the applicant agreed to address in his next submission.



Docket No. 1004293.005US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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-

Serial No. 11/112,990

Docket No. 1004293.005US

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,

Serial No. 11/112,990

Docket No. 1004293.005US

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;~~

Serial No. 11/112,990

Docket No. 1004293.005US

- ~~b) A Web Hub Application;~~
- ~~e) 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~~
- e) Reservations applications.

Serial No. 11/112,990

Docket No. 1004293.005US

107. (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;~~
- b) ~~Point of sale applications; and~~
- e) Ticketing applications.

108. (Currently Amended) The information management and real time synchronous communications system in accordance with ~~any of claims 103 or 105, or 106, or 107~~claim 103, further enabled to automatically format the programmed handheld menu configuration for display as cascaded sets of linked graphical user interface screens appropriate for the display parameters of at least two different wireless handheld computing device display sizes in the same connected system.

109. (Cancelled)

110. (Cancelled)

111. (Cancelled).

112. (Cancelled)

113.(Cancelled)

114. (Cancelled)

115. (Currently Amended) The information management and real time synchronous communications system in accordance with ~~any of claims 103—114~~claim 103 in which the wireless handheld computing device is a smart phone.

116. (Currently Amended) The information management and real time synchronous

Serial No. 11/112,990

Docket No. 1004293.005US

communications system in accordance with ~~any of claims 103-115~~ claim 103, further enabled to facilitate and complete payment processing directly from the wireless handheld computing device including:

- a) Billing;
- b) Status; and
- c) Payment Information.

117. (Currently Amended) The information management and real time synchronous communications system in accordance with ~~any of claims 103-116~~ claim 103, wherein one or more of the layout, views or fonts of the programmed handheld menu configuration are created in conformity with the display screen parameters of the wireless handheld computing device and wherein the system is enabled to generate a view of the programmed handheld menu configuration for user preview from the central computing unit and which facilitates a further user manual modification prior to the transmissions of the programmed handheld menu configuration to the wireless handheld computing device.

118. (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, said operating system configured to interoperate with the central processing unit, the data storage device and application software;
- d) a master menu including menu categories and menu items, wherein said master menu

Serial No. 11/112,990

Docket No. 1004293.005US

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) a modifier menu capable of being stored on said data storage device, and menu configuration software enabled to automatically generate a programmed handheld menu configuration from said master menu 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 categories and items of the master menu and modifiers from the modifier menu 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 and modifier menus 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 cascaded sets of linked graphical user interface screens

Serial No. 11/112,990

Docket No. 1004293.005US

appropriate for the display screen parameters of the wireless handheld computing device, wherein said cascaded sets of linked graphical user interface screens for display of the programmed handheld menu configuration are configured differently from the cascaded sets of related 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 at least the menu categories, menu items and modifiers comprising 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 at least two different hospitality software applications are integrated between and with one another and~~

~~wherein the system enables automatic importation of the POS database information into the system.~~

119. The information management and real time synchronous communications system in accordance with claim 118, further including a communications systemic relationship 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.

Serial No. 11/112,990

Docket No. 1004293.005US

120. (Currently Amended) The information management and real time synchronous communications system in accordance with ~~claims 118 or 119, further enabled to facilitate and complete payment processing directly from the wireless handheld computing device including:~~

a) ~~Billing;~~

b) ~~Status; and~~

e) ~~Payment Information.~~ claim 118, wherein at least two different hospitality software applications are integrated between and with one another.

121. (Currently Amended) The information management and real time synchronous communications system in accordance with ~~any of claims 118-120, in which the wireless handheld computing device is a smart phone.~~ claim 118, wherein the system enables automatic importation of the POS database information into the system.

122. (Currently Amended) An information management and real time synchronous communications system for use with wireless handheld computing devices and the internet comprising:

a) a master database connected in said system and configured to store hospitality application information pursuant to a master database file structure;

b) at least one wireless handheld computing device connected in said system and configured to display said hospitality application information;

c) at least one web server connected in said system and configured to display said hospitality application information;

d) at least one web page connected in said system and configured to display said hospitality application information; and

Serial No. 11/112,990

Docket No. 1004293.005US

e) real time communications control software enabled to link and synchronize hospitality application information simultaneously between the master database, wireless handheld computing device, web server and web page,

wherein the communications control software is enabled to utilize parameters from the master database file structure to synchronize the hospitality application information in real time between the master database, at least one wireless handheld computing device, at least one web server and at least one web page such that substantially the same information comprising the hospitality application information is capable of being displayed on the wireless handheld computing device, at least one web page and other display screens of the synchronized system, such that the hospitality application information is synchronized between any connected users,

wherein the communications control software is enabled to act as a real time interface between the elements of the system and any applicable communications protocol,

wherein the communications control software is enabled to automatically and simultaneously configure the hospitality application information for display on both the wireless handheld computing device and the web page in conformity with display screen parameters

unique to the wireless handheld computing device or the web page, wherein said display screen parameters comprise at least the displayable size of the handheld computing device display screen or the web page, and

wherein the system is enabled for real time synchronous transmission of the configured hospitality application information to the wireless handheld computing device, the web server and the web page and real time synchronous transmissions of inputs responding to the configured hospitality application information from the wireless handheld computing device, or the web

Serial No. 11/112,990

Docket No. 1004293.005US

server or the web page and

~~wherein the system is enable to automatically import the information from the POS (point of sale) database into the system and~~

~~wherein at least two different hospitality applications are integrated between and with one another.~~

123. The information management and real time synchronous communications system in accordance with claim 122, further including a communications systemic relationship 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.

124. (Currently Amended) The information management and real time synchronous communications system of ~~either claim 122 or claim 123, further enabled to automatically communicate selections made from a menu on at least one web page or at least one wireless computing device and transmitted over the internet to either the master database or at least one wireless handheld computing device or at least one web page.~~ claim 122, wherein the system is enabled to automatically import the information from the POS (point of sale) database into the system.

125. (Currently Amended) The information management and real time synchronous communications system of ~~either claim 122 or claim 123, further enabled to automatically communicate selections made from a menu on at least one wireless handheld computing device~~

Serial No. 11/112,990

Docket No. 1004293.005US

~~to either the master database or the web server.~~ claim 122, wherein at least two different hospitality applications are integrated between and with one another.

126. The information management and real time synchronous communications system in accordance with claim 122 , wherein the hospitality application information also includes the completion of payment processing.

127. (Currently Amended) The information management and real time synchronous communications system in accordance with ~~any of claims 122—126~~ claim 122, wherein the configured wireless handheld computing device is a smart phone.

REMARKS

Claims 1-102 were canceled without prejudice or disclaimer by previous amendments. Claims 109-114 are cancelled herein. Claims 103-108 and 115-127 are now pending in the present application.

SUMMARY OF MOST RECENT OFFICE ACTION

In the Office Action dated January 8, 2010, the Examiner rejected pending claims 103-110 and 115-121 under 35 U.S.C. § 103(a) as unpatentable over the Micros Systems Inc. “8700 HMS 2.10 User’s Manual” (1997) (“Micros”) in view of U.S. Patent No. 6,300,947 (“Kanevsky”) and further in view of U.S. Patent No. 5,974,238 (“Chase”), and rejected pending claims 122-127 under 35 U.S.C. § 103(a) as unpatentable over Micros in view of U.S. Patent 5,991,739 (“Cupps”) and further in view of Kanevsky and Chase. The Office Action was made final.

Serial No. 11/112,990

Docket No. 1004293.005US

REQUEST FOR CONTINUED EXAMINATION AND
INFORMATION DISCLOSURE STATEMENT

On May 24, 2010, Applicants filed a Request for Continued Examination, and addressed issues raised by the Examiner in the January 2010 Office Action as well as amending the pending claims. Applicants also filed an Information Disclosure Statement on October 1, 2010.

EXAMINER INTERVIEW OF NOVEMBER 16, 2010

On November 16, 2010, a telephonic interview was held regarding this application. USPTO participants were Matthew Brophy, Wei Zhen, and Gail Hayes. Applicants' participants were inventor Keith McNally and attorney Michael Fabiano.

During the interview, the secondary considerations presented by Applicants in the submitted (but not yet considered) section 1.132 declarations were discussed. Applicants stated that the evidence presented represents both the "long felt need" and "commercial success" secondary factors as evidence of non-obviousness, and cited, among other evidence, a 1999 Food.com internal email message discussing the licensing of Applicants' technology, as well as an award presented to Ameranth by Microsoft founder Bill Gates that recognized the innovativeness of Applicants' technology. USPTO participants expressed concerns as to whether the evidence of secondary considerations had a sufficient nexus to the scope of the pending claims.

The USPTO participants requested the following items, in a supplemental response to be filed within four weeks:

(1) Additional evidence, and further clarity, regarding the scope of the evidence of secondary considerations vis-à-vis the scope of the pending claims, and the nexus between the

Serial No. 11/112,990

Docket No. 1004293.005US

evidence presented and the claims in the pending application;

(2) The subject matter, if any, of the pending application that is not entitled to the priority date of the parent application that matured into U.S. Patent No. 6,384,850.

(3) Addressing whether pending dependent claims were improper multiple dependent claims.

II. SUMMARY OF APPLICANTS' RESPONSE

Applicants respectfully submit significantly revised claims in response to the prior outstanding Office Action as well as suggestions made by the Examiners in Interviews.

In response to Examiners' concerns as to 'improper multiple dependent claims', Applicants have either deleted or amended all multiple dependent claims in question, and this issue has therefore been eliminated..

In response to the Examiners' request to identify what subject matter, if any, of the pending application that is not entitled to the priority date of the parent application (Application Serial No. 09/400,413, which matured into U.S. Patent No. 6,384,850), Applicants confirm that all pending claims are entitled to the priority date of said parent application.

Also in response to the November 16, 2010 interview, Applicants further submit concurrently with this response a supplemental section 1.132 declaration, specifically addressing the issue identified by Examiners regarding the scope of the evidence of secondary considerations vis-à-vis the scope of the pending claims, and the nexus between the evidence presented and the claims in the pending application. This supplemental section 1.132 declaration also provides substantial additional evidence of the "long felt need" and "commercial success"

Serial No. 11/112,990

Docket No. 1004293.005US

secondary considerations, in addition to that previously provided in Applicants' two earlier section 1.132 declarations.

As stated in the supplemental 1.132 declaration and in section III below, applicants strongly believe that in addition to the totality of the secondary factors declaration confirming 'non obviousness' that as a minimum, the actual, contemporaneous documents from the inventive timeframe demonstrate the non-obviousness of the present invention vis-à-vis both the Micros and Cupps references.

Additionally, Applicants respectfully request that the Examiner consider the discussion of non-obviousness presented in the Request for Continued Examination, which further demonstrates the inapplicability of the Micros, Kanevsky, and Chase references to the pending application.

III. THE PRESENTLY SUBMITTED 1.132 SUPPLEMENTAL DECLARATIONS PROVIDE SUBSTANTIAL EVIDENCE OF SECONDARY FACTORS AND THE NEXUS OF THESE FACTORS TO THE CLAIMS OF THE PRESENT APPLICATION.

When a patent application presents evidence relating to secondary considerations, such evidence must always be considered in the determination of obviousness or non-obviousness. MPEP 2141, MPEP 2145; see also *In re Sernaker*, 702 F.2d 989, 996, 217 USPQ 1 (Fed. Cir. 1983). "Indeed, evidence of secondary considerations may often be the most probative and cogent evidence in the record. It may often establish that an invention appearing to have been obvious in light of the prior art was not." *Stratoflex, Inc. v. Aeroquip Corp.*, 713 F.2d 1530, 1538, 218 USPQ 981 (Fed. Cir. 1983). "Since at least *Graham v. John Deere Co.*, . . . the commercial success of a patented invention is clearly important. That evidence is 'secondary' in

Serial No. 11/112,990

Docket No. 1004293.005US

time does not mean that it is secondary in importance.” *Truswal Systems Corp. v. Hydro-Air Engineering Inc.*, 813 F.2d 1207, 1212, 2 USPQ 2d 1034 (Fed. Cir. 1987).

As an initial matter, Applicants request that, in addition to the evidence and discussion submitted concurrently with this Supplemental Response, the Examiner carefully review and consider both the May 12, 2010 Supplemental Declaration of Keith R. McNally and the Supplemental Declaration of Mr. McNally dated Aug 19, 2009, which also provide substantial evidence of non-obviousness. The following paragraphs briefly summarize the evidence of the prior 1.132 declarations.

The technology of the present application was first introduced by Ameranth at the Food Service Technology Show in November 1998. Supplemental Declaration of Keith R. McNally, dated May 12, 2010 (“May 2010 Supp. Dec.”), ¶ 2. The complete working prototype of the present invention was demonstrated at that November 1998 show. Supplemental Declaration of Keith R. McNally, dated August 19, 2009 (“2009 Supp. Dec.”), ¶ 4. “Real time communication”, an essential element of the claimed invention, was central to the inventive concept and shown in brochures distributed at both the November 1998 show and at the May 1999 National Restaurant Show. 2009 Supp. Dec. ¶ 4-5.

Symbol Technologies, a leader in mobile handheld devices, recognized the uniqueness of Ameranth’s invention and accordingly partnered with Ameranth starting in December 1998, with a strategic alliance agreement being signed in February 1999. 2009 Supp. Dec. ¶ 6-7.

Comtec Information Systems, recognizing the value and uniqueness of the present invention, formed a strategic relationship with Ameranth incorporating this technology in May 1999. 2009 Supp. Dec. ¶ 8. Similarly, Aloha POS and Systems Concept Inc., after seeing this

Serial No. 11/112,990

Docket No. 1004293.005US

technology at the May 1999 NRA show, subsequently partnered with Ameranth. 2009 Supp.

Dec. ¶ 9-10.

Food.com, an online food ordering business founded by Bryan Cupps and Tim Glass, the inventors of U.S. Patent 5,991,739, saw a demonstration of Ameranth's technology at the May 1999 NRA show, and recognized it as unique, inventive, and distinct from that of the Cupps patent (cited by the Examiner in the most recent Office Action), leading Food.com to sign a strategic agreement with Ameranth shortly after the May 1999 NRA show. 2009 Supp. Dec. ¶ 11.

Commercial success and industry recognition for the technology of the present invention continued on well after the 1998-1999 "early adopters". Red Lobster restaurants deployed this technology, as did Seasons 52 restaurants. May 2010 Supp. Dec. ¶ 5-6. Darden Restaurants, Inc., the operator of Red Lobster and Seasons 52, issued a press release touting Ameranth as its Wireless Strategic Partner. May 2010 Supp. Dec. ¶ 14; see also ¶ 16-17. Aloha POS, one of the world's largest point-of-sale systems, continued to use this technology. May 2010 Supp. Dec. ¶ 7. Symbol Technologies, in an October 2003 press release, highlighted the commercial

successes of Ameranth's deployments of this technology, including the Medieval Times restaurants, an NBA-themed restaurant, numerous NBA arenas including Madison Square Garden, and other sports venues including the Green Bay Packers' Lambeau Field. May 2010 Supp. Dec. ¶ 15, 19. Holiday Inn Hotels adopted the present invention's technology and praised it as "the first time technology like this is being used to increase a hotel's productivity." May 2010 Supp. Dec. ¶ 18, 20-21. The Cheesecake Factory restaurant chain also adopted Ameranth's technology for its restaurants and praised Ameranth for it. May 2010 Supp. Dec. ¶ 22.

Serial No. 11/112,990

Docket No. 1004293.005US

As further shown in these prior declarations, leading technology companies including Microsoft and Symbol Technologies made strategic, multi-million dollar investments into Ameranth, further confirming the tremendous value and uniqueness of Ameranth's technology, as are the partnerships and/or licenses with industry leaders including Food.com, Holiday Inn, Darden Restaurants, Radiant/Aloha and many others.

Then, Ameranth won additional industry recognition for the technology claimed herein. Ameranth won three major, best product/technology awards for its 21st Century Restaurant System (a product marketing name surrounding the core inventive concepts of the present application and claims), one award of which was personally nominated by Bill Gates, Chairman of Microsoft. Further, Ameranth was universally recognized as the leading hospitality wireless systems integrator by the most prestigious and respected press and written publications - including both national publications (USA Today, Wall Street Journal, Time Magazine, The New York Times, The Chicago Sun Times and more) and the leading Hospitality Market Publications (including Nations Restaurant News, Hospitality Technology, Franchise Times, and Hotel Business).

Another, presently-submitted, section 1.132 declaration of Keith R. McNally includes 13 additional exhibits, showing that Food.com did not have the requisite solution to its ordering-system problems prior to partnering with Ameranth (Exh 1); extensively proving that the Ameranth products in question are indeed the subject of the claims herein (Exhs 2-12); and showing praise from a noted technology author, describing Ameranth's technology (claimed in this application) as "exceptionally innovative" and "market transforming".

Serial No. 11/112,990

Docket No. 1004293.005US

Finally, the concurrently-filed section 1.132 “Nexus” Declaration of Keith R. McNally (Nexus Decl.), and the “Overview Summary” attached thereto, identify additional evidence and set forth, in great detail, the nexus between the evidence submitted and the claims pending in this application, as summarized below.

A. Long-Felt Need

As discussed in MPEP section 716.04, long-felt need can be established through evidence (1) that a problem existed in the art for a long period of time without solution; (2) that the long-felt need was not satisfied by another before the invention by applicant; and (3) that the invention in fact satisfies the long-felt need.

The concurrently-filed section 1.132 “Nexus” Declaration of Keith R. McNally (Nexus Decl.) identifies the long felt need, recognized by Food.com and its predecessor company (¶¶ 3-5) that was not satisfied prior to Ameranth’s invention, and the fact that Food.com entered into a licensing agreement with Ameranth, and that Micros sought an exclusive licensing agreement with Ameranth for the same technology, confirms that this long-felt need was satisfied by Ameranth’s technology. (¶¶ 6-9)

B. Commercial Success

Commercial success commensurate in scope with the claims is addressed in MPEP section 716.03 et seq. Commercial success attributable to claimed features of the invention satisfies the requirement, as noted in MPEP 716.03(a).

The Nexus Declaration identifies the relevant commercial success, in ¶¶ 10-13; this commercial success is also discussed in the 1.132 declaration submitted by Mr. McNally in May 2010. The “menu wizard” and “communications wizard” that is at the heart of the Ameranth

Serial No. 11/112,990

Docket No. 1004293.005US

software sought by Food.com and Micros, and utilized by the companies named in ¶ 11 of the Dec. 2010 McNally Declaration, are claimed in the independent and dependent claims of the present application, as illustrated in the “Overview Summary” submitted with Mr. McNally’s declaration (see, particularly, pages 2 and 3 of the Overview Summary).

C. Nexus between secondary factors evidence and the pending claims

The “Overview Summary” correlates the substantial, indeed overwhelming, evidence of secondary factors that Applicants have submitted with the claims pending in the application.

As noted above, the critical features identified by Ameranth licensees and business partners, and in the awards and recognition received by Ameranth for this technology, are claimed in independent claims 103, 118, and 122, as well as their dependent claims. The nexus between this evidence and the pending claims is painstakingly set forth in the “Overview Summary” attached to the Dec. 2010 Nexus declaration submitted herewith.

IV. THERE ARE NO MULTIPLE-DEPENDENT CLAIMS PENDING.

During the November 16, 2010 interview, Examiner Brophy expressed a concern that multiple-dependent claims that were then pending may have been improperly dependent. In response to those concerns, Applicants have either deleted or amended all multiple dependent claims in question. There are no multiple-dependent claims pending, so this issue has been eliminated.

V. ALL PENDING CLAIMS ARE ENTITLED TO THE PRIORITY DATE OF THE PARENT, APPLICATION SERIAL NO. 09/400,413.

Examiner Brophy requested during the November 16, 2010 interview that Applicants identify what subject matter, if any, of the pending application is not entitled to the priority date

Serial No. 11/112,990

Docket No. 1004293.005US

of the parent application. As the Examiner is aware, the pending application is a continuation of Application Serial No. 10/016,517, filed on November 1, 2001 (which matured into U.S. Patent No. 6,982,733), which was a continuation-in-part of Application Serial No. 09/400,413, filed on September 21, 1999 (which matured into U.S. Patent No. 6,384,850). Applicants hereby confirm that all currently-pending claims in this application are entitled to the priority date of the parent.

CONCLUSION

Based on the foregoing remarks and amendments, Applicants respectfully request reconsideration and withdrawal of the pending rejections, and allowance of this application. The Applicants respectfully submit that claims 103-108 and 115-127 are patentable and in condition for allowance. An early action passing this case to issue is therefore respectfully requested. Favorable and prompt consideration is requested.

Dated: December 14, 2010

Respectfully submitted,

/s/ Michael D. Fabiano
MICHAEL D. FABIANO
Registration No. 44,675
MAZZARELLA ■ CALDARELLI LLP
550 West C Street, Suite 700
San Diego, California 92101

Attorney for Applicants

Docket No. 1004293.005US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | | |
|---------------|-----------------|-------------------|-----------------|
| 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 'NEXUS' DECLARATION UNDER 37 C.F.R. § 1.132

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

Sir:

I, the undersigned, Keith R. McNally, declare and state that:

1. I am an inventor of the subject matter claimed in the above-identified patent application. I have first-hand knowledge as to all of the facts, all of the referenced Exhibits and all of the information contained herein.

2. I make this supplemental declaration providing additional evidence of 'secondary factors' by correlating and synchronizing all of the previously provided documents and evidence to support the Nexus confirming 'non-obviousness' - in response to the November 16, 2010 Interview.

3. There was clearly a **long felt and growing need** - which Ameranth's invention uniquely solved in September 1998 - (as was disclosed in the September 21, 1999 filing of the original patent application) - which this application claims priority to. This

unsolved need dates back to at least 1995, (with the founding of the Cybermeals company), (which later became Food.com in early 1999) and which was co-founded by Bryan Cupps- (the 'Cupps' of one of the prior art patents asserted against the 11/112,990 application). In fact, 'Cybermeals' was formed with the expressed mission to meet online ordering needs for restaurants, yet after almost four years and \$100M of investments, it had failed to effectively do so and admitted that it needed Ameranth's 'menu and communications wizard' invention and it licensed Ameranth's technology for both web and wireless ordering – (to include smart phones). (Note, this summary in Exhibit #23 of the original 1.132 declaration from September 1999 - Titled: Food.com and Ameranth Technology Link Up – confirmed the wireless device/smart phone aspect of the relationship - “Ameranth, a leader in wireless technology will also work closely with its strategic partners, Symbol Technologies and Food.com to enable the Food.com site to receive orders wirelessly from the emerging generation of wirelessly enabled smart devices.”

4. It is difficult (in considering 'obviousness' now) vs. back in 1998 (looking backward in time) - (from a **2010** technology interconnected, 'always on', ubiquitous communications world perspective) to appreciate that things that might '**appear**' obvious now were not so at all in the mid to late 1990s. Microsoft – (the worlds largest software company) - (with almost all of the Hospitality POS and related software application systems riding on/leveraging their core software products – (one way or another) and who had introduced their new 'Windows CE' mobile products also had not met the need. Micros, (the world's largest POS company) - (then and now) was also entirely incapable in 1998/1999 of meeting this need without the technology invented by Ameranth that enables the interfacing and synchronizing of complex and GUI intensive POS and other hospitality based systems

with the internet, with web pages and/or with the modern 'PDA type' wireless devices and smart phones - that were to ride on the internet links.

5. Thus at the inventive date timeframe of the Fall of 1998, if the invention were truly 'obvious' then, certainly if there were three companies in the world that should have been able to solve/invent the unique 'menu wizard' and 'communications wizard' invention - it would have been one or more of these three companies. These companies were all 'software' companies, market leaders, they were clearly operating in the hospitality space and unarguably they had almost unlimited resources, (with Food.com with ~\$100M - the smallest company of the three). Yet, what actually happened in 1998/1999? They all failed to invent what I and my co-inventors did invent and all three companies independently concluded that they needed Ameranth's 'menu wizard' and 'communications wizard' inventive technology and Micros and Food.com sought to gain exclusive rights to it and Microsoft took it to an even higher confirmation level and not only partnered with Ameranth, but made a multi million dollar strategic investment into Ameranth - its only such investment in this space in the world.

6. Further, Microsoft itself confirmed, (the same month Ameranth submitted its parent '850 patent application to the USPTO that Ameranth's invention) met a 'long felt need' in their Fall 1999 Supplemental Hospitality Publication. "*The 21st Century Restaurant System is a fully integrated system that provides a long-awaited hospitality industry mobile wireless solution for traditional restaurant processes*"

7. Not only did Food.com publicly partner with Ameranth in the summer of 1999 and announce why it needed Ameranth's invention but privately (in Exhibit #20 of the original 1.131 declaration) and (inclusive of their entire executive team,

CEO,CFO,CTO,COO and other Senior VP's - it admitted that it needed Ameranth's 'menu wizard' and 'communications wizard' technology and identified the many advantages that Ameranth's inventive technology would provide to them, (despite their nearly five years of development effort) and them having filed for and received allowance on their Cupps patent.

8. Further, this document confirms their already existing relationship with Micros- yet confirms their need for Ameranth to meet that unsolved need. This document and its critical importance was discussed with the Examiner and his superiors in the November 16, 2010 Interview. Further, not only did Food.com conclude that Ameranth's invention was superior to and beyond the Cupps patent, but the Patent Examiner (for Ameranth's allowed parent application), (the '850 patent) – himself, (even without access then to Exhibit #20) independently concluded that Ameranth's inventive technology was superior to the Cupps patent and granted Ameranth allowance over it for both independent and numerous dependent claims and for two subsequent patents as well.

9. Micros also unquestionably concurred - since it had already partnered with Food.com/Cybermeals in early 1999, yet it too had failed and concluded that it needed our breakthrough 'menu generation' invention and not just in a normal licensing way – rather it sought the exclusive licensing rights to it. Obviously, if Micros had 'had' our invention then in 1999 (or any time earlier with any of its systems, and utilizing its vast resources) it would not have sought the exclusive license to our invention and offered Ameranth in May 2000 to pay \$200/Handheld license fee and up to \$1500/restaurant license fee for an exclusive license to our 'menu/communications wizard' invention. Thus, further, any conceptual 'combination' of Micros and/or with Cupps/Food.com having been 'obvious' - to meet our pending claims is innately confirmed false and only reflects 'hindsight conceptualization',

since the facts of what actually happened contemporaneously are that both Micros and Food.com failed and did not have our invention, they did not know how to meet the need without Ameranth, they had failed in their collaboration and in fact, they sought the exclusive license to our invention - which thus was not obvious to them.

10. While the market confirmations of the 'long felt need' from Micros/Food.com/Microsoft are compelling in and of themselves, it would be reasonable to expect additional confirmation from others in the Hospitality Industry also to confirm the demand for this 'long unmet need'. Again, what actually happened in 1998/1999 is that not only did these three industry giants recognize/confirm the breakthrough nature of Ameranth's invention, but so did virtually the entire hospitality industry, and many more companies also took or sought licenses in 1999 to Ameranth's 21st Century Restaurant System technology (which embodied and embodies) the claimed invention. Many of these companies had been in the Hospitality Market (for a decade or more) and they too failed and needed Ameranth's invention. This rapid and additional widespread adoption further confirmed the long felt need.

11. Additional POS and/or technology companies partnering with Ameranth in 1999 included Hospitality Solutions International, Aloha/Radiant, Infogenesis/Agilysis, Positouch, Foodtrak, Comtec, Squirrel Systems, JTECH, and Symbol. (In fact, Symbol also made a multi million dollar investment into Ameranth – just as Microsoft did.)

12. It is also important to note/confirm that this widespread adoption and licensing of our invention and products (derived from the invention) occurred entirely independent of, any 'threats of litigation' (in fact there were none). The adoption occurred

solely due to the breakthrough nature of our innovative solution to the 'long felt and unsolved need'.

13. Also, Ameranth was a small and relatively new company, had no established 'brand name', nor were these new adopters and licensees 'regular customers' of Ameranth (with some kind of dependency on Ameranth) thus their adoption of our technology is solely attributed to its innovations, breakthrough aspects and unique solution to meeting the long felt need.

14. Further still, Ameranth received numerous technology awards for products embodying the invention (including e.g. wireless handhelds, 'non standard sized' displays, data synchronization, web interfaces etc) and the National, Regional and Hospitality press too confirmed the breakthrough nature of Ameranth's invention. These actions, these events – they happened, they are independently confirmed (with documentation in the other 1.132 declarations) and collectively they confirm that there was a 'long felt- unmet need', uniquely and only solved by Ameranth's breakthrough invention.

15. As is thoroughly documented in my 1.131 declaration, the original core invention was invented in September 1998 and then steadily advanced and commercialized thereafter, (with its first public release in November 1998). The invention itself was originally referred to as the '**Intraset Wizard**' – (which is shown in the center of the embodying product chart - 21st Century Restaurant) – 1998. The '**menu wizard**' and '**communications wizard**' were subsets of the overall 'Intraset Wizard'. Ameranth's subsequent software products e.g. 21st Century Restaurant, Improv Comedy Ticketing and Hostalert (each inclusive of the core inventive aspects of wireless handhelds, synchronization, 'non standard sized displays', communication control software, configured

for display etc) - (as well as others too) all innately embody these inventive software wizards – (that themselves embody and are commensurate with the claims of the issued patents and also those in the 11/112,990 pending application). As such, the related ‘secondary factors’ – (referring to these products) form a Nexus and are thus non obviousness confirmations of the core invention and the claims of same (which were/are embodied in those products) themselves.

16. Again, I thank the Examiner and his supervisors for the November 16, 2010 interview.. Attached as Exhibit A is my ‘11/112,990 Secondary Factors -- Nexus Overview Summary’ in which I am responding to the discussions/guidance from that interview to more clearly confirm the nexus of the evidence submitted with the claims of the pending application. This summary is further explained in the next paragraph.

17. Concurrently submitted with this 1.132 “Nexus” declaration is an additional supplemental declaration (with 13 additional exhibits) to further support the nexus of the evidence submitted with the claims of the pending application. These new documents are compelling (in and of themselves) - since they clearly show that we had added in ‘**patent pending**’ markings to our 21St Century Restaurant product brochures (as soon as we were legally allowed to do so), subsequent to the filing of the ‘850 parent application. Further, we publicly issued a press release nationwide (via the AP and UPI) as well as posted it on our web site and sent out hundreds of paper copies of our patent press release in May 2002, upon the issuance of the formal parent ‘850 patent. In this press release I and we publicly, clearly and directly explained, connected and associated the ‘just allowed’ parent ‘850 patent application with the core inventive aspects of the patent and associated with our 21St Century Restaurant System products.

18. Thus, the claims of the invention were/are commensurate in scope with our 21ST Century Restaurant System products and the majority of the licensees and partner companies had licensed or sought to license that product. Our closely related products also encompassing the invention and commensurate with the claims of the invention e.g. Hostalert and Improv Ticketing (both inclusive of wireless handheld/smart phone interfaces) have also been marked with our patent numbers (as is shown in several of the #12 exhibits of the latest 1.132 declaration submission).

19. In fact, and as yet additional evidence against 'obviousness' - each of these three products won major technology awards (focused on their wireless handheld/device linkages and data synchronization) from independent panels of experts- which clearly confirms their breakthrough nature and provide further confirmations that Ameranth's invention met a 'long felt need'. The press and public accolades that we also received (for these products embodying the invention and the claims) were simply overwhelming and are documented in the 1.132 declarations and also summarized in the attached 11/112,990 Nexus Overview Summary. The attached summary graphically links/explains the interrelationships between the previous and newly provided documents and the documents supporting the 'secondary factors' - revealing the complex 'real world' realities of what actually happened contemporaneously in the fast moving and dynamic period of invention, product development and partnering/licensing. The nexus of the evidence submitted with the claims of the pending application was and is real; it is what actually happened in the inventive timeframe and confirms that our invention was not obvious.

20. The commercial success, and other above 'secondary factors' were/are directly derived from products embodying the claims of the claimed invention and which

flow from the functions, claims and advantages disclosed and/or inherent in the specification. The Abstract and Field Of The Invention were/are:

Abstract

An information management and synchronous communications system and method facilitates database equilibrium and synchronization with wired, wireless and Web-based systems, user-friendly and efficient generation of computerized menus and reservations for restaurants and other applications that utilize equipment with nonstandard graphical formats, display sizes and/or applications for use in remote data entry, information management and communication with host computer, digital input device or remote pager via standard hardwired connection, the internet, a wireless link or the like.

FIELD OF THE INVENTION

This invention relates to an information management and synchronous communications system and method for generation of computerized menus for restaurants and other applications with specialized display and synchronous communications requirements related to, for example, the use of equipment or software with non-PC-standard graphical formats, display sizes and/or applications for use in remote data entry, information management and synchronous communication between host computer, digital input device or remote pager via standard hardwired connection, the internet, a wireless link, smart phone or the like.

Referring to the chart on page 3 of the attached “**Ameranth 11/112,990 ‘Secondary Factors’ - Nexus Overview**”, the ‘Abstract’ and ‘Field of Invention’ above, the definition of the ‘long felt need’, the claims, (the interactions with Micros and Food.com - as reflected in exhibits 19/20 of the 1.131 declaration) and my public statements as to the unique aspects of the invention/patent – (upon the parent patent issuance in May 2002), the connection between the patent, the claims, the invention, the market acclaim, the ‘secondary factors’ and the products (derived from the invention/patent) demonstrates a nexus of unified success.

21. In addition to all the other factors summarized above - it is very compelling that the **Harvard Business School** referred to Ameranth’s technology as “*an exceptionally innovative approach to growth, resulting in the market-transforming changes we call*”

Marketbusters' and that Microsoft founder Bill Gates personally nominated Ameranth's products/inventions for a major technology award with the accolade that '*Ameranth* is one of the leading pioneers of the information technology revolution for the betterment of mankind'.

22. I respectfully request that the Examiner consider this Supplemental Nexus Declaration (along with the attached 'Nexus Overview Summary') and the previously provided 1.131 and 1.132 declarations and evidence together, as conclusive rebuttal evidence of nonobviousness and that the presently pending 11/112,990 claims (as amended) be allowed.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Dated: December 13, 2010

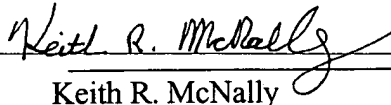

Keith R. McNally

EXHIBIT “A”

11/112,990
“Secondary Factors”
Nexus
Overview Summary

11/112,990 'NEXUS' OVERVIEW SUMMARY

This #16 page presentation summarizes the **NEXUS** of all the compelling 'secondary factors' clearly confirming the 'non obviousness' of the Ameranth invention, by confirming that the Nexus and the invention are 'commensurate in scope with the claims' – by summarizing all of the references (from/in the five previous 1.131 or 1.132 declaration submissions) and linking/associating each of the references to/with each other (as appropriate), to the products (derived from the claims), to the specification, to the invention, to the claims, to the '**long felt need**' and to four additional secondary factors - the 'commercial success', 'praise from others', 'licensing by others' and 'failure of others' factors.

Clearly, Ameranth's invention meets the 'secondary factor' of meeting an unsolved* '**long felt need**' - and an overall NEXUS reflecting 'non obviousness exists - as reflected on the following overview chart- (which synchronizes and links all of the Nexus factors together). This overview chart is then followed by the detailed confirmations and multiple validations of the NEXUS.

The referenced exhibits are each numbered (via a code- e.g. **A-1**), with the initial code letter relating to the declaration previously submitted and then the number - reflecting the number of the exhibit within that declaration.

- (A) (Jan 2009) This is the original 1.131 Declaration - explaining the invention story.
- (B) (Aug 2009) This is the supplement to the original 1.131 Declaration filed subsequent to the July 2009 Interview.
- (C) (Aug 2009) This is the first 1.132 Declaration filed - subsequent to the July 2009 Interview.
- (D) (May 2010) This is the supplemental 1.32 Declaration filed - subsequent to the May, 2010 Interview.
- (E) (Dec 2010) This is the supplemental 1.32 Declaration filed - subsequent to the November 2010 Interview.

A summary of all the exhibits in each of those declaration submissions - follows the next chart, and reflected with each exhibit is the type of 'secondary factors' associated with that exhibit, as appropriate. Note: several exhibits represent multiple 'secondary factors'. A 'timeline chart' (reflecting the chronology of the exhibits then follows), (reflecting when each exhibit occurred). That timeline chart is then followed by additional charts – (clearly reflecting each of the additional four 'secondary factors') - i.e. 'failure of others', 'commercial success', 'praise of/from others', 'licensing by others'- each linked with the appropriate exhibits.

*An additional chart confirming the 'non obviousness' of the Micros/Cupps combination is also included (at the end of the presentation) and validates the fact that Micros/Food.com, (the largest companies in the Hospitality Industry) had partnered, were working on the unsolved need, yet could not solve it themselves and sought exclusive license to Ameranth's invention. {Further, the fact that not only Micros/Food.com but numerous POS companies all partnered with Ameranth in 1999, (shortly after the public availability of Ameranth's invention) further confirms that there was a '**long felt need**' to an unsolved need.

Ameranth 11/112,990 'Secondary Factors' - Nexus Overview

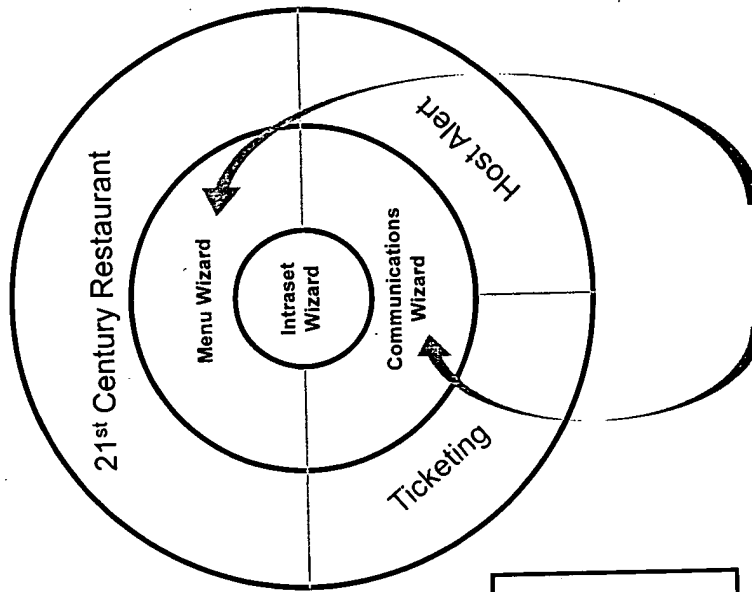
(Long felt need, licensing, failure of others, praise of others, commercial success)

(11/112,990)

Long Felt Need

Page 5: Lines 11-16 'Specifically, the unavailability of any simple technique for creating restaurant menus and the like for use in a limited display area wireless handheld device or that is compatible with ordering over the internet has prevented widespread adoption of computerization in the hospitality industry. Without a viable solution for this problem, organizations have not made the efforts or investments to establish automated interfaces to handheld and Web site menus and ordering options'.

Nexus



Patent Claims - Elements

Information management and real time synchronous communications system for configuring and transmitting hospitality menus:

- Hospitality Applications
- Master menu
- Database
- Menu categories
- Menu items-modifiers
- Configured for display
- Graphical user interface
- Wireless transmission
- Wireless handheld computing device
- Synchronize
- Communications systemic relationship
- POS/ordering applications
- The internet
- Web server - web pages
- Communications control software
- Real-time
- Reservations, Ticketing applications

C-24: 'The 21st Century Restaurant System is a fully integrated system that provides a long-awaited hospitality industry mobile wireless solution for traditional restaurant processes- Microsoft Hospitality Solutions Supplement - Fall 1999
 C-56 Symbol- John Harker: " Without this new solution, the 'barriers to entry' would have remained enormous and prohibitive to allow wireless devices to move from the 'niche area' of the market to the mainstream'

C-56 Symbol- John Harker: "They had just developed an innovative new solution- that they called their 21st Century Restaurant 'software wizard'- which had the capability to interface existing 'point of sale' (POS) systems (with their intensive graphical user interfaces and complex databases) to the mobile wireless devices that we were preparing to introduce to the market in 1999".

A-20 Food.com - Bob Nugent - October 1999 - Menu Wizard- this is a tool which digitally constructs and updates restaurant menus. Communications Wizard- this tool creates a standard that can be used to integrate with any POS terminal and establishes the online ordering protocol."

A-19 Micros/Ameranth- August 1999 - Ed Rothenberg/Keith McNally - 'Attached is an example of the developer GUI for our 'Menu Wizard' (an easy to use explorer type interface) which enables the rapid creation of operator screens for the Windows CE Ultrapad. We will provide you our 'Communications Wizard' that resides under Windows in the back office. That accepts incoming wireless messages and/or internet orders (i.e. Food.com) "

E-8 Ameranth - Keith McNally- May 2002 Announcement of initial patent award : " A principal element of this patent involves the methodology by which hand-held operator displays are synchronized from and with the large displays of fixed legacy computer systems. The patent covers the use of HTML,XML and similar messaging methodologies to instantly create the displays and GUI on the handhelds smaller screens- with no custom programming required for each restaurant/hotel or similar application. Another element of the invention, while closely related to the first, addresses the ability for web, wireless and fixed computing systems to be synchronized with each other so that an action on any of the system nodes automatically updates all the other nodes."

Ameranth 'Secondary Factors' Exhibits

- A1** Photo Taken Nov 1998 FSTEC-Product Intro 1
A2 Photo Taken Nov 1998 FSTEC- Product Intro 2
A3 Ameranth's 21st Century Restaurant System Diagram
A4 Dec 1998 Symbol Letter
A5 Jan 1999 Handwritten System Diagram
A6 PowerPoint Chart of System Diagram
A7 Feb 1999 Strategic Alliance Agreement between Ameranth & Symbol (**C**)
A8 May 1999 Press Release- Updated Ameranth's 21st Century Restaurant System including Symbol Windows CE Device
A9 May 1999 Press Release- Ameranth's 1st Hospitality POS Partner, Hospitality Systems, Inc. (HSI) (**C, L, F**)
A10 May 1999 NRN Full Page Ad of Ameranth's New System
A11 May 1999 NRA Show Ameranth's Booth Layout Drawing
A12 May 1999 Updated Ameranth 21st Century Restaurant System Diagram Intro at NRA Show
A13 Ameranth's Wireless Handheld Product Brochure
A14 May 1999 RSD Publication Article noting Ameranth's Wireless Handheld as Most Interesting (**P**)
A15 Set of Photos from May 1999 NRA Show verifying Ameranth's Participation
A16 Jul/Aug 1999 HT Magazine Article debuting Ameranth's New Products and Partnerships from May 1999 NRA Show (**P**)
A17 Jul 1999 Press Release- Strategic Partnership between Ameranth & Food.com (**P, C, F, L**)
A18 Jul 1996 Press Release- Strategic Partnership between Ameranth & Ibertech (**P, C, F, L**)
A19 Memo dated Aug 1999 from Keith McNally to Ed Rothenberg, Sr. Eng. Exec - POS Systems for Micros Systems, Inc. (**F, L**)
A20 Internal Email Memo from Bob Nugent of Food.com (orig. assignee of Cupps USP 5,991,739) dated Sept 1999 (**P, C, F, L**)
- B21** Kathie Sanders' Declaration dated Aug 2009
B22 May 1999 Updated Ameranth 21st Century Restaurant System Diagram
B23 - 27 Series of Letters dated in 1999 Between Keith McNally of Ameranth and John Harker of Symbol
B28 Apr 1999 Press Release- Formal & Public Announcement of Strategic Alliance between Ameranth and Symbol Technologies (**P, C**)
B29 May 1999 Press Release- Strategic Relationship between Ameranth & Comtec Information Systems (**P, C, F, L**)
B30 Series of Photos from May 1999 NRA Show
B31 Two Photos of Ameranth's Booth at the May 1999 NRA Show
B32 Signed Jun 17, 1999 Strategic Alliance Agreement between Ameranth & Food.com (orig. assignee of Cupps USP 5,991,739) (**P, C, F, L**)
- C1** Nov 1998 Diagram of Ameranth's Revolutionary "Menu Wizard" & Data Synchronization Technologies
C2 Nov 1998 System Diagram shown in Ameranth's Booth at Nov 1998 FSTEC Show
C3 Dec 1998/ Jan 1999 System Diagram reflecting Ameranth's synchronous communications inventive aspects
C4 Memo of Agreement signed Feb 3, 1999 between Ameranth & Symbol (**C**)
C5 Apr 1999 Press Release- Formally Announcing the Strategic Alliance between Ameranth & Symbol (**C**)
C6 May 1999 Press Release- Formally Announcing the Strategic Alliance between Ameranth & Comtec Information Systems (**C**)
C7 May 1999 Press Release- Formally Announcing the Strategic Alliance between Ameranth & Hospitality Systems (HSI) (**C, F, L, P**)
C8 May 1999 Press Release- Formally Announcing the intro of Symbol's New Wireless Devices as of Ameranth's 21st Century Restaurant System
C9 May 1999 Updated 21st Century Restaurant System Brochure reflecting the addition of Symbol's New Windows CE Handhelds
C10 Photo of Ameranth's Booth at the May 1999 NRA Show
C11 Set of Photos from May 1999 NRA Show
C12 Additional Set of Photos from May 1999 NRA Show
C13 May 1999 Daily Publication from May 1999 NRA Show noting Ameranth's Wireless POS systems as "really cool" (**P**)
C14 Signed Jun 17, 1999 Strategic Alliance Agreement between Ameranth & Food.com (**C, F, L, P**)
C15 Jun 1999 Press Release- Intro of Ameranth's 21st Century Hotel System at the Jun 1999 HITEC Show
C16 Jun 1999 Ameranth's 21st Century Hotel System Brochure presented at the Jun 1999 HITEC Show

P: Praise From Others C: Commercial Success F: Failure of Others L: Licensing

Ameranth 'Secondary Factors' Exhibits

- C Exhibits Continued
- C17** Jul/Aug 1999 Article for Hospitality Technology Magazine featuring Ameranth's technology at the May 1999 NRA show noting Ameranth as having generated the most "buzz" from the show floor **(P)**
- C18** Jul 1999 Article from Hotel Business introducing Ameranth's 21st Century Restaurant Wireless Technology **(P)**
- C19** Jul 1999 Food.com Press Release- Formally Announcing their Partnership with Ameranth **(C, F, L, P)**
- C20** Jul 1999 Press Release- Strategic Alliance between Ameranth & Aloha POS **(C, F, L, P)**
- C21** Aug 1999 Article from NRN about Food.com & Ameranth's Partnership **(P)**
- C22** Aug 1999 Article from Hotel Business Magazine confirming Ameranth's launch of 21st Century Hotel System at the Jun 1999 HITEC Show **(P)**
- C23** Sept 1999 Article from Quick Serve Restaurant Magazine about Ameranth & Food.com Partnership **(P)**
- C24** Fall 1999 Case Study about Ameranth's 21st Century Restaurant included in the Microsoft Hospitality Solutions Supplement **(P)**
- C25** Sept 1999 Press Release- Strategic Alliance between Ameranth & Infogenesis **(C, F, L, P)**
- C26** Sept 1999 Press Release- Introduction of Ameranth's 21st Century Casino System at the World Gaming Congress in Las Vegas
- C27** Sept 1999 Release of 21st Century Casino System Brochure
- C28** Oct 1999 Press Release of Ameranth's Winning of the Prestigious "Innovation of the Year" Award at the European Hospitality Technology Show **(P, C)**
- C29** Oct 1999 Press Release- Partnership between Ameranth & Systems Concept Inc. (SCI) **(P, C, F, L)**
- C30** Nov 1999 Press Release- Strategic Alliance between Ameranth & Squirrel Systems **(P, C, F, L)**
- C31** Nov/Dec 1999 Franchise Times Article featuring Ameranth's "new technology automates traditional processes." **(P)**
- C32** Nov 1999 Article about Ameranth's Wireless 21st Century Hotel C33 Feb 2000 Letter from Marriott International expressing interest in Ameranth's 21st Century Restaurant System Technology **(P)**
- C34** Apr 2000 Press Release- Deployment of Ameranth's Wireless Technology with Starwood Hotels **(C)**
- C35** Apr 2000 Press Release- Deployment of Ameranth's Wireless Technology with Jamba Juice Restaurants **(P, C)**
- C36** Apr 2000 Press Release- Ameranth's Wireless Technology Selected by Microsoft to represent "Service Sector Automaton" **(P, C)**
- C37** Spring 2000 Microsoft Case Study on Ameranth's Wireless and Internet Technology **(P, C)**
- C38** May 2000 Press Release- Integration of Ameranth's 21st Century Communications Solution and Microsoft's Pocket PC **(P)**
- C39** Spring/ Summer 2000 Series of Photos of Ameranth's 21st Century Restaurant Demos at Various Shows
- C40-42** Documents from Micros **(C, P, F, L)**
- C43** Jun 2000 Press Release- Microsoft's Strategic Investment in Ameranth **(P, C)**
- C44** Jul 2000 SD Daily Transcript Article about the Founding of Ameranth **(P)**
- C45** Sept 2000 Press Release- Ameranth selected for Prestigious Moby Award for its Wireless Mobile Computing Application **(P)**
- C46** Nov 2000 Article from Microsoft **(P)**
- C47** Nov 2000 Information Week Article about Wireless Applications , Improv Ticketing and Ameranth **(P)**
- C48** Jan 2001 Press Release- Ameranth's Wireless House-keeping/ Room Inspection Product to Starwood Hotels **(P)**
- C49** Apr 2001 Press Release- Ameranth's winning a Computerworld Laureate Medal **(P, C)**
- C50-51** More info regarding C49 **(P, C)**
- C52** Aug 2001 Wall Street Journal Article about Ameranth's 21st Century Restaurant Wireless Innovation **(P)**
- C53** Oct 2001 Time Magazine Article about Ameranth's 21st Century Restaurant **(P)**
- C54** Dec 2001 Article about Ameranth Revolutionize Restaurant Operations with its Wireless Technology **(P, C)**
- C55** May 2005 Memo for Record signed by John Major **(P)**
- C56** Mar 2008 Memo signed by John Harker of Symbol **(P, C)**

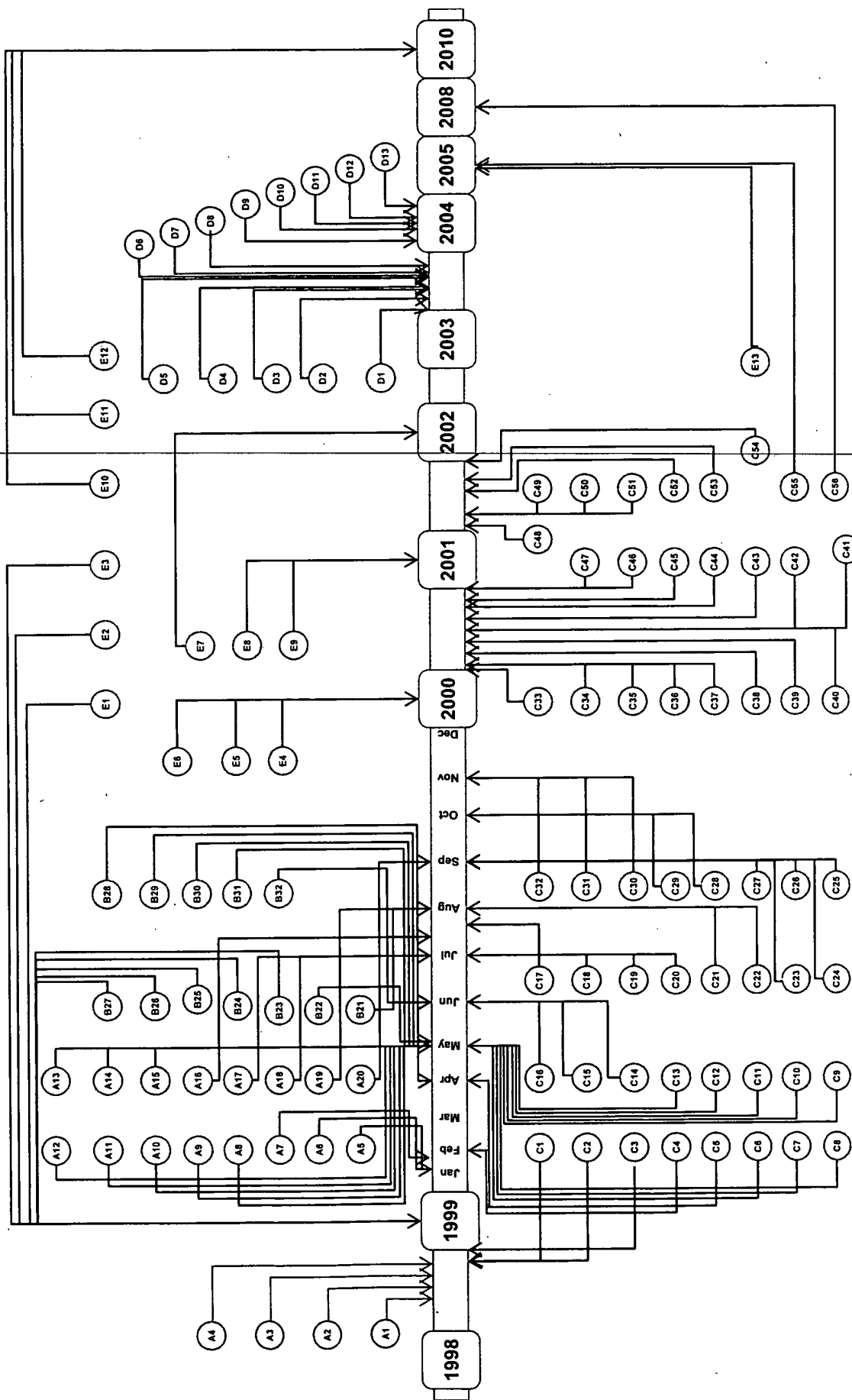
P: Praise From Others C: Commercial Success F: Failure of Others L: Licensing

Ameranth 'Secondary Factors' Exhibits

- D1** 2003 Microsoft Case Study of Ameranth's Success with HOSTALERT Restaurant Seating and Reservation System **(P, C)**
- D2** Feb 2003 Press Release- Ameranth's Success with 21st Century Restaurant Wireless Ordering Software **(P, C)**
- D3** Apr 2003 Press Release- Ameranth's Expansion of New Features in 21st Century Restaurant Wireless Ordering Software **(P, C)**
- D4** 2003 Award 8th Annual Microsoft RAD Technology **(P, C)**
- D5** Oct 2003 Press Release- Darden Restaurants Select Ameranth as its Wireless Strategic Partner **(P, C, L)**
- D6** Oct 2003 Symbol Technologies Press Release- Successes of Ameranth's Wireless Deployments **(P, C)**
- D7** Dec 2003 NRN Article about Ameranth's Success with Darden **(P, C)**
- D8** Dec 2003 All Business Article about Ameranth's Success with Darden **(P, C)**
- D9** Feb 2004 Business Week Article about Ameranth initial Success with E-Menu Technology **(P, C, L)**
- D10** May 2004 Press Release- Ameranth's 21st Century Restaurant Wireless POS software Roll-Out to Medieval Times Dinner Chain **(P, C, L)**
- D11** Jun 2004 Press Release- Ameranth's Expansion of E-Menu (inclusive of Ameranth's 21st Century Restaurant technology) to Holiday Inn Hotels Properties **(P, C, L)**
- D12** Summary of Ameranth's Presentation of its E-Menu Technology (inclusive of Ameranth's 21st Century Restaurant Technology) **(C)**
- D13** Aug 2004 Press Release- Ameranth's Wireless Success with the Cheesecake Factory Restaurant Chains **(P, C, L)**
- E1** Mar 1999 Food.com Article **(F)**
- E2** HOSTALERT Brochure
- E3** HOSTALERT Reservation Brochure
- E4** 21st Century Restaurant Brochure- 2000
- E5** 21st Century Restaurant Wireless Ordering Brochure- 2000
- E6** 21st Century Restaurant Payment Processing Brochure- 2000
- E7** May 2002 Hospitality Net Article about Ameranth's Patent Award for 21st Century Restaurant **(C)**
- E8** Oct 2001 Squirrel Systems Press Release- Squirrel and Ameranth's Partnership **(P, C, F, L)**
- E9** Oct 2001 InfoGenesis Press Release- Announcing Partnership with Ameranth **(P, C, F, L)**
- E10** Dec 2010 DC Improv Ticketing Web Page **(C, L)**
- E11** Dec 2010 FunnyBone Comedy Club Ticketing Web Page **(C, L)**
- E12** Dec 2010 Profitstreams Online-Reservations Web Page **(C, L)**
- E13** Market Busters -Nov 2005 **(P, C)**

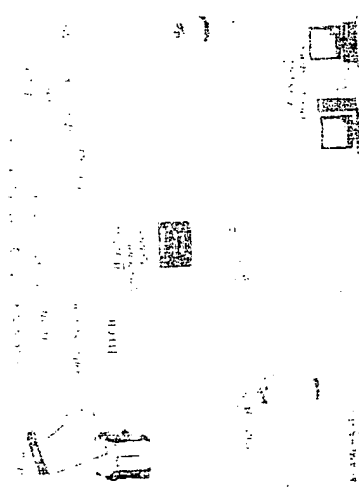
P: Praise From Others C: Commercial Success F: Failure of Others L: Licensing

AMERANTH 'Secondary Factors' Exhibits Timeline



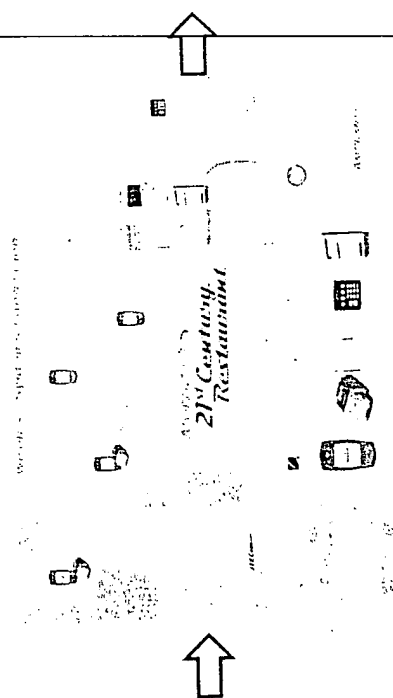
Ameranth – '21st Century Restaurant' - Evolution

1998



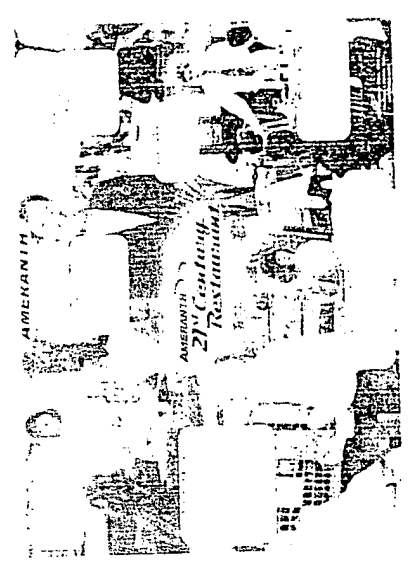
1998 (A-3) This is the system diagram first exhibited at the November 1998 FSTEC Show in Atlanta, Georgia. This was the first public showing of the 'menu generation' and 'system synchronization' invention- first invented in September 1998 and of which the invention story is documented in Ameranth's 1.131 declaration. Note: in the center, the 'Intraset Wizard' (which was the core of the inventive concept and included the 'menu wizard' and the 'communications wizard'.)

1999



1999 (A-12) This is the updated diagram for the 21st Century Restaurant introduced at the May 1999 National Restaurant Show in Chicago. Note- that while the system was built on the 'Intraset Wizard' we could not yet mark with 'patent pending' – (since the patent application was not filed until September 21, 1999.) Note: In (A-19, A-20) that the terms 'menu wizard' and 'communications wizard' were contemporaneously and directly associated with our 21st Century Restaurant system and invention.

2000+

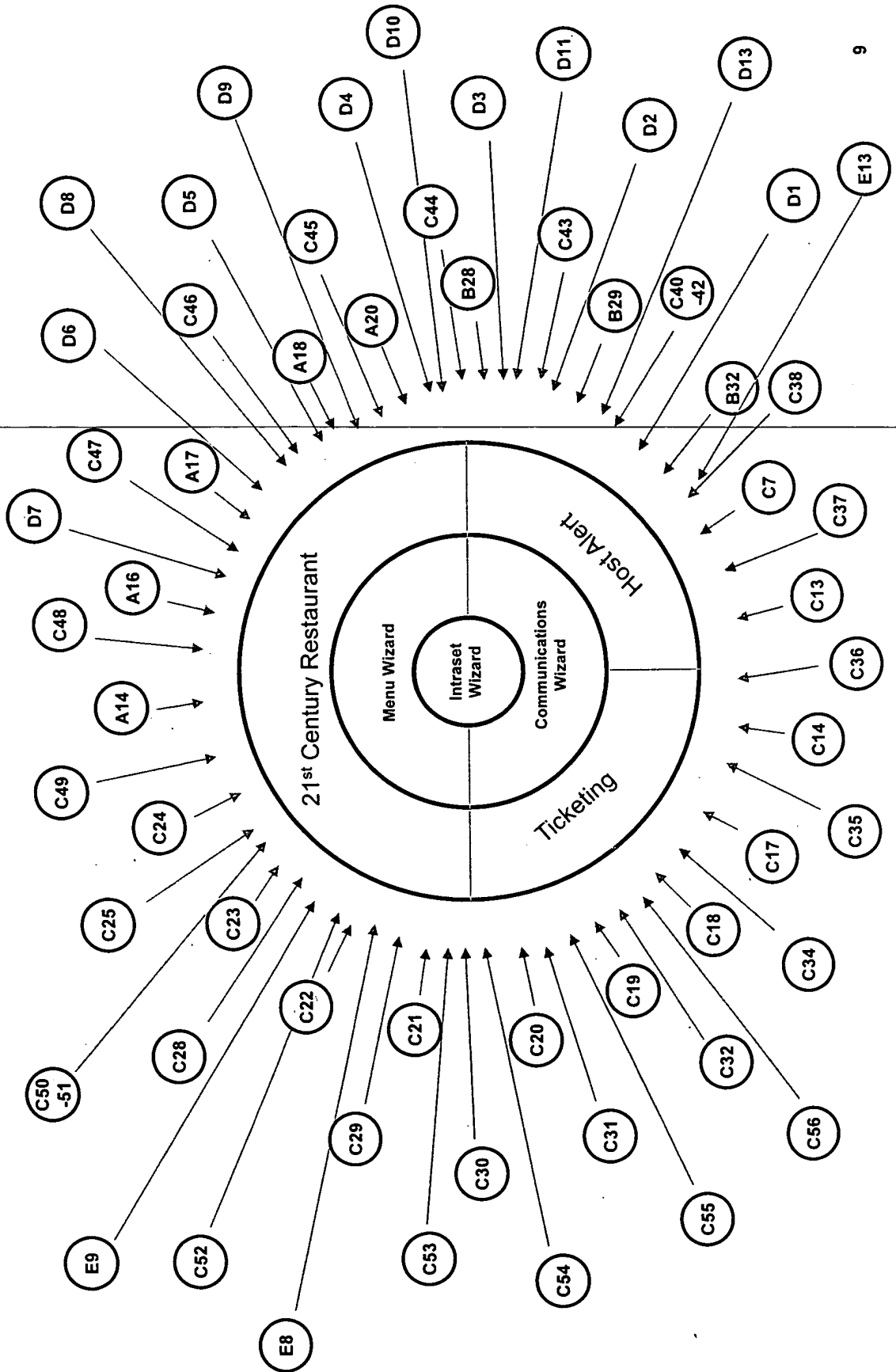


2000+ (E-4) This is the updated 21st Century Restaurant System Brochure – (produced subsequent to the filing of our original patent application on September 21, 1999) - and the reverse of this two sided chart clearly showed 'patent pending' – thus undeniably associating the 21st Century Restaurant with our only pending patent/invention. Further, in the closely related brochures (E-5, E-6) we also included the 'patent pending' markings.

Ameranth Nexus

Praise From Others

Press/Articles/Awards



Ameranth Exemplary 'Praise From Others'

'{Ameranth} is one of the leading pioneers of the information technology revolution for the betterment of mankind" – Bill Gates- Chairman –Microsoft – Nominating Ameranth for 2001 Computerworld Award

'Ameranth's technology will help us to increase both the speed and the efficiency in transmitting orders to our partner restaurants, and will significantly decrease our margin of error' Rich Frank- CEO- Food.com

'The way that Ameranth has set out to service the individual needs of the consumer greatly impressed the judges. What Ameranth offers is a means of simplifying many routine tasks for hospitality consumers and users, and ultimately provide a superior guest service. With all these factors in mind, the judges agreed that the award for 'Innovation of the Year' belongs to Ameranth' 1999 European Hospitality Solutions Technology Show.

'As you are aware, Marriott International is very interested in your 21st Century Restaurant System technology and we believe that many of its innovative features will enhance the efficiency of our operations, increase customer satisfaction and help increase profitability in our operations'. Steve Glen- Vice President – Marriott

'Ameranth provides a total turnkey solution integrating Pocket PC's with wireless networks and linking them to PC servers and the internet. Through this integration, Ameranth's customers are reducing costs and increasing productivity for their businesses and the customers they serve'. Doug Dedo - Group Product Manager- Microsoft

'This award, from Mobile Insights honors' the best and finest implementations of mobile computing and wireless data communications' and specifically recognizes the wireless handheld computer ticket authorization and seating assignment application created for the Improv Comedy Club in Dallas'. September 2000 Moby Award Press Release

'Nominated by William H. Gates; Chairman of Microsoft Corporation in the Media, Arts & Entertainment category, Ameranth Wireless Work is now part of a collection that includes over 300 of the years most innovative applications of technology. " April 2001 Computerworld Award to Ameranth for its Improv Ticketing System.

The Wireless Waiter: A Tasty Gadget Spreads: 'Ameranth has developed wireless handheld software called 21St Century Restaurant, which allows waiters to exchange his classic pen and notepad for a wireless handheld device.

August 2001, Wall Street Journal

Ameranth Exemplary 'Praise From Others'

Darden Selects Ameranth Wireless as its Wireless Strategic Partner: We chose Ameranth Wireless as our standard wireless integrator and we have worked very closely with them since the summer of 2000' Jim Pylant, Senior Director for Restaurant Systems- Darden Restaurants.

'The biggest advantage of using this system is the ability to streamline operations, freeing up the hostesses and servers to spend more time greeting guests, answering questions and taking care of customer needs' Alberto Accion, CFO- NBA City Restaurant- Orlando, FL

'We thought you would like to know that Ameranth Wireless is cited in Chapter 2 as pursuing an exceptionally innovative approach to growth, resulting in the market-transforming changes we call Marketbusters- - Harvard Business School Press-2005

Wireless Finds a Welcome in Hospitality: 'Keith McNally's e-menu technology is his latest bid to speed service and gain efficiencies in the restaurant and hotel industries'. 'It's not quite Star Trek' February 2004 -Business Week Online

'With the deployment of Ameranth's 21 CR system- the handheld equipped servers (Who Medieval Times affectionately refers to as 'wireless wenchies') now take orders from where the customers are actually seated and instantly transmit that information to the service bar.' 'The significant revenue increases are not the only benefits.' Increased customer satisfaction is a very key element as well'. Richard Dunn- Vice President- Medieval Times

'The solution was recently installed at American Airlines Center, a new state-of-the-art sports arena in Dallas, to provide in-seat service to patrons'. 'We are also bringing wireless solutions to customers like Park City (Utah) and MGM/Mirage' added Scot Martiny , Vice President, Sales and Marketing for Infogenesis. 'The level of interest is very high among the cruise, casino, resort, stadium and restaurant segments of our customer base'.

'As a result of researching the right combination of hardware, wireless, software and integration solutions, I am convinced that our partnership with Ameranth Wireless, Microsoft's Pocket PC device and 802.11 wireless standards will enable us to deliver breakthrough solutions to our customers, said Barry Logan, President of Squirrel Systems.

'Ameranth's main product, 21st Century Restaurant is poised to become the industry standard for mobile wireless ordering and payment processing in restaurants'. Harvard Business School Press- 2005

Ameranth Exemplary 'Praise From Others'

"The case study of your exceptional use of information technology- Ameranth Wireless Improv Comedy Club Solution- has been included in the Computerworld Honors Online Archive as an example of a revolutionary change you have created at the commencement of a new century' July 2001- Daniel Morrow- Executive Director Computerworld

'The 21st Century Restaurant System is a fully integrated system that provides a long-awaited hospitality industry mobile wireless solution for traditional restaurant processes- Microsoft Hospitality Solutions Supplement – Fall 1999

Brainstorm eases restaurant ordering process: 'Keith McNally had a nifty idea when he invented a way for waiters and waitresses to toss out their pads and pens in favor of handheld ordering devices. Called 21st Century Restaurant, McNally's new integrated system uses hand-held wireless ordering gadgets from Symbol Technologies that resemble Palm Pilots. December, 2001- Tech Times

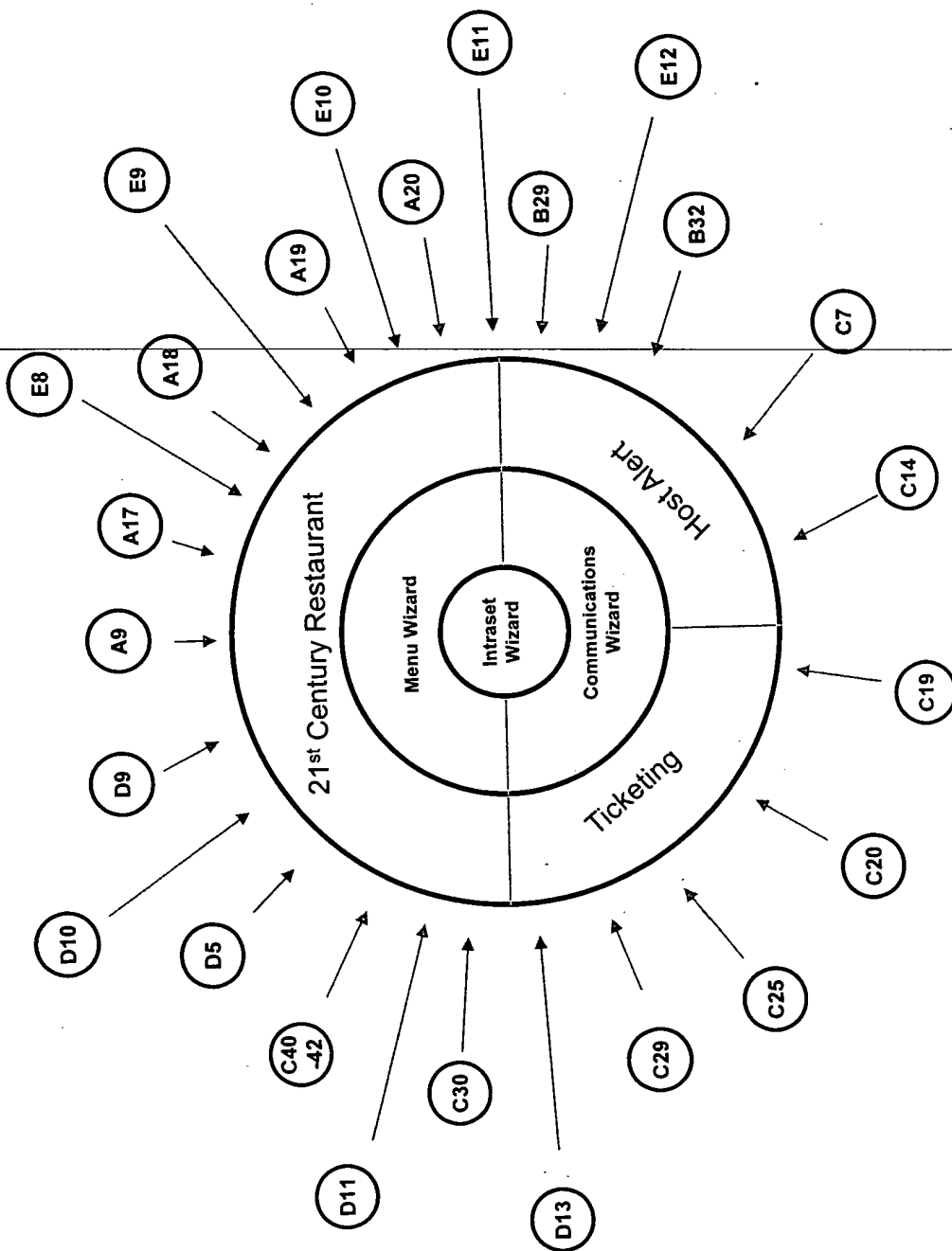
'Not only did I find one in Ameranth, but they were more than I had hoped for, since they had just developed their 21st Century Restaurant 'software wizard' – John Harker- Symbol

'Hostalert was designed by Ameranth to solve these key issues by integrating and linking all aspects of restaurant communications, including on premise paging ,cell phones, Jtech Pagers, web based intranets, and LAN, and 802.11 based communications'. ' The solution supports the chains objectives of improving the overall lobby experience for guests, providing a smoother and more efficient seating process, improving the accuracy of wait times, and maximizing table use to bolster sales' Randy Babitt- IT Director Red Lobster

'When we set out to develop the Seasons 52 concept we knew that we needed to leverage the very best in technology to optimize our efficiencies and maximize customer satisfaction. We chose Ameranth Wireless as our systems integrator and we have worked very closely with them since the summer of 2000'. Blaine Sweatt- President of Darden's New Business Division

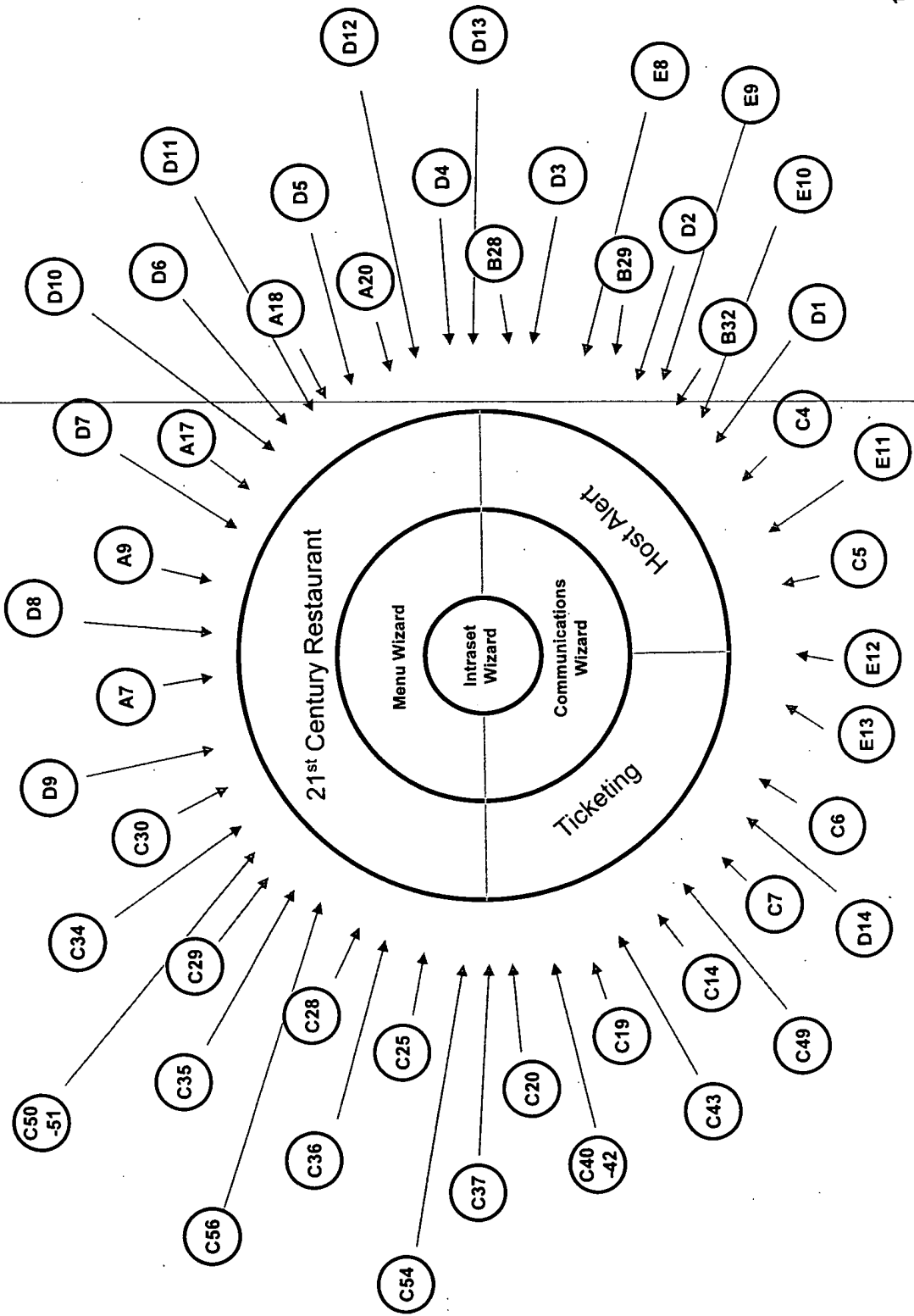
Ameranth- RAD Award- Hospitality Point of Service: A Table and guest management solution that makes use of wireless technology to improve restaurant seating utilization, Cut table turnover times and improve guest satisfaction has been honored with a R.A.D Award- May 2003- RAD Award Announcement

Ameranth Nexus
Licensing from Others



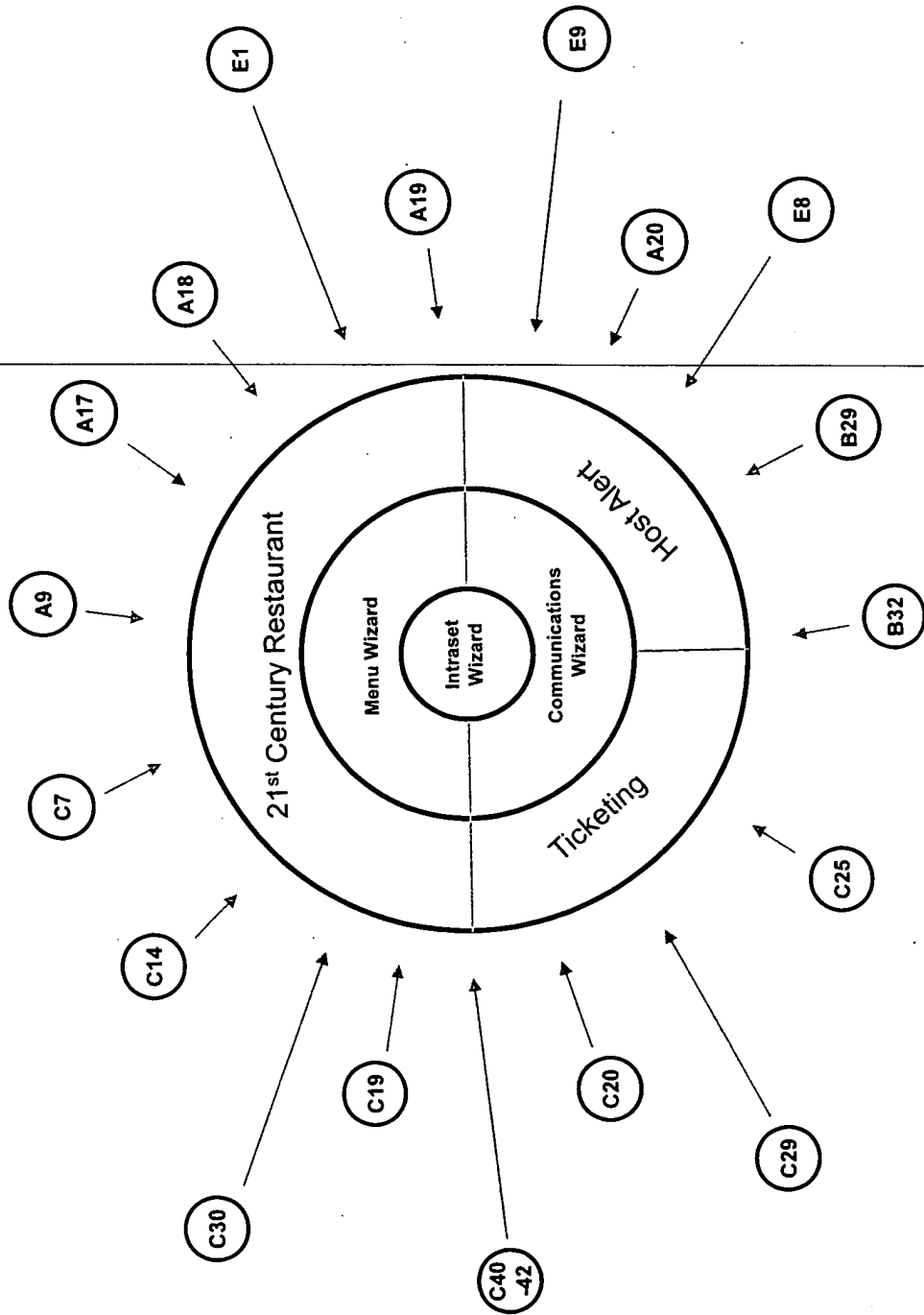
Ameranth Nexus

Commercial Success



Ameranth Nexus

Failure Of Others



Micros/Cupps Combination to meet 11/112,990 claims was NOT 'Obvious' in 1998/1999

The last - January 2010 Office Action asserted the following: "In addition, it would have been obvious to one of ordinary skill in the art at the time of the invention to combine the teachings of Micros with the teachings of Cupps as Micros teaches a POS database including menu information that could be combined with Cupps dynamic menu creation mechanism to allow increased functionality to the Micros system. Particularly, one of ordinary skill in the art would be motivated because: "the internet has provided consumers with a new medium for electronic commerce... internet services such as Cupps invention provides consumers with access to menus for food products that can be ordered online..."

In fact, prima facie evidence confirms - that this combination to combine the teachings (conceptualized via hindsight only) did not meet the 11/112,990 inventive claims and was NOT 'obvious' at all (in 1998/1999), (since the two companies had partnered in early 1999 and were working in the area of the 'unsolved need'), yet both determined they needed Ameranth's synchronous 'menu/communication wizard' invention and sought to secure the exclusive license to Ameranth's invention for themselves - to meet this prior unsolved need, (that even these two industry giants could not solve - without Ameranth's invention). (E-1) This article clearly shows that Food.com (the owner of the Cupps patent) did not have Ameranth's 'menu wizard' invention as of March 1999 (six months after Ameranth's inventive priority date of September 1998) since they were still manually entering in the menu information for each restaurant and manually updating it monthly and charging restaurants for this manual labor.

(A-17) This Food.com press release announces the Food.com/Ameranth deal and admits that they needed our technology.

(A-20) This internal Food.com email confirms that they needed our 'menu wizard' and 'communications wizard', summarized the benefits of our invention to them and also refers to Ameranth to be assisting with their prior Micros relationship and other POS.

(A-19) This Keith McNally and Ed Rothenberg of Micros exchange clearly included disclosure of Ameranth's 'menu wizard' invention to Micros and also referred to the interface with Food.com problem (then also unsolved by Micros) - confirmed further in C 40-42), with Rothenberg/Micros seeking the exclusive license to Ameranth's intellectual property .

(C-40, C41, C42) These documents clearly reflect Micros continued attempt to convince Ameranth to grant Micros the exclusive license to our 'intellectual property' (note: only the patent - that is the parent inventive patent to 11/112,990 was pending at this time) which confirms that Micros did not have, and needed our 'menu wizard' and 'communications wizard' inventions. Ameranth rejected their insistence to grant a single company exclusivity to our intellectual property, yet this still clearly represents 'licensing' confirmation. Not only does this confirm that the conceptual combination of Micros/Cupps was not obvious, but this also confirms that prior Micros products did not have our invention either, since obviously' (if they had 'had' it), they would not have needed to seek an 'exclusive license' to Ameranth's 'menu wizard' and 'communications wizard' invention.

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- BLACK BORDERS**
- IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- FADED TEXT OR DRAWING**
- BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- SKEWED/SLANTED IMAGES**
- COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- GRAY SCALE DOCUMENTS**
- LINES OR MARKS ON ORIGINAL DOCUMENT**
- REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- OTHER:**

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

Docket No. 1004293.005US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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 DECLARATION UNDER 37 C.F.R. § 1.132

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

Sir:

I, the undersigned, Keith R. McNally, declare and state that:

1. I am an inventor of the subject matter claimed in the above-identified patent application. I have first-hand knowledge as to all of the facts, all of the referenced Exhibits and all of the information contained herein.

2. I make this supplemental declaration providing additional evidence of secondary factors (including an additional 13 exhibits to further support and confirm the nexus of the establishment of the uniqueness and breakthrough aspects of Ameranth's "menu wizard", "communications wizard" and synchronous 21st Century Communications technology innovations) - (first introduced at the 1998 Food Service Technology show held in Atlanta, Georgia from November 14- 16, 1998 and then steadily advanced and introduced

into the hospitality marketplace through multiple Ameranth software products built on Ameranth's inventive technology (e.g. its 21st Century Restaurant System, its Improv Comedy Ticketing System, its Hostalert and its E-menu (inclusive of Ameranth's 21st Century Restaurant System technology) thereafter - which are encompassed by the presently-amended claims of the above-identified application. The additional #12 referenced Exhibits discussed herein and attached hereto supporting this Declaration provide still further evidence of our secondary factors against obviousness - (that are related directly to and commensurate with the claims of our invention and are provided in this supplemental submission) - (as requested by the examiner in the November 16, 2010 Interview). These additional references respond to the Interview Summary Report - to more clearly establish the Nexus of the claimed invention with the overwhelming evidence of long felt need, praise from others, commercial success, licensing by others and failures of others. These new and additional exhibits further confirm the truly breakthrough aspects of Ameranth's inventive technology to meet a **long felt need** and that Ameranth's commercial success is commensurate with the scope of the claims of the pending 11/112,990 application.

3.) These additional #12 documents are extremely important and compelling, **(standing alone)** - in regards to establishing the **Nexus**, however they additionally assist with linking together and illuminating the importance and relevance of previously provided documents and exhibits. Examiner and Examiners superiors comments in the November 16, 2010 Interview were much appreciated and very helpful in my searching for and identifying these additional documents and my ability to link together and better explain/associate how these and the other documents clearly prove the 'non obviousness' of my invention, and that my invention, and the products built on the inventive technology framework and claims of

my invention e.g. 21st Century Restaurant, Improv Ticketing and Hostalart were and are all commensurate with my pending 11/112,990 claims.

4. The widespread acclaim, collective actions and decisions made by the world's leading technology companies, hospitality focused companies, national press, regional press, hospitality press, independent and multiple technology award committees, major hospitality customers (including the world's largest Hotel and Casual Dining Restaurant Chains) and the public alike clearly and indisputably confirmed that Ameranth had unquestionably invented an entirely new and truly unique solution to a previously unmet need and for which there was a very significant unmet and growing market need.

5.) The detailed analysis and prima facie confirmation/validation of the Nexus is discussed in significantly more detail in the concurrent but separately filed summary 1.132 declaration, (specifically responding to the Examiner's guidance from the November 16, 2010 Interview and discussing these new exhibits) - as well as all previously provided exhibits and their interrelationships.

4. Supporting materials confirming the above points are attached as Exhibits 1-12 hereto and are summarized in the following paragraphs.

5. Exhibit 1 is a March 22, 1999 article 'Food.com changes its recipe' in which it is clearly confirmed that Food.com did not have our inventive idea as of this date (six months after our inventive priority date) and that they still relied on manually creating and updating the menus for each of their restaurants. This article and its importance/relevance was discussed with the examiner and his superiors during the November 16, 2010 Interview as further confirmations that Food.com did not have our inventive solution prior to Ameranth, that they had failed for years to meet the unmet

need and their admission of and confirmation of this was confirmed in the summer of 1999, with their partnering with Ameranth to license our invention.

6. Exhibit 2 is a Hostalert Product Brochure. Hostalert was our software product (built on the 'menu wizard' and 'communications wizard') - for table management, waitlists and reservations that won the RAD technology best product award (including wireless device and overall synchronization) in 2003. This product embodied the claims of the earlier and pending application, the wireless handheld aspect is shown on the reverse of the brochure and the original patent number is marked and also indicated on the reverse of this brochure.

7. Exhibit 3 is an additional Hostalert Product Brochure - focused on the Reservations component and which adds the internet and web page component to Hostalert. Hostalert was our software product (including wireless devices, overall system synchronization etc) for table management, waitlists and web reservations that won the RAD technology best product award in 2003. This product embodied the claims of the earlier and pending application and the original patent number is also marked and indicated on the reverse of this brochure. Hostalert evolved into a successor product called 'Magellan' - which along with a patent license was deployed by Ameranth and licensed by Profitstreams Inc, (which includes wireless devices, smart phones and also embodies the claims) and still today marks and displays our patent numbers - as is confirmed in Exhibit #12).

12. Exhibit 4 is a 2000 version of the 21st Century Restaurant System brochure- updated and produced - subsequent to our filing of the original '850 parent application on September 21, 1999. This product is built on the 'menu wizard' and

'communications wizard' and the brochure conclusively includes the features of the specification and the overall inventive thrust of the invention and includes '**patent pending**' on the reverse, which directly associated this product with the claims of the then pending '850 patent, which was the only pending patent that we had at that time.

14. Exhibit 5 is a 2001 version of an additional product brochure for 'wireless ordering' of the overall 21st Century Restaurant System brochure- (produced subsequent to our filing of the original '850 parent application on September 21, 1999), which also is built on the 'menu wizard' and 'communications wizard' and embodies the claims of the original and pending claims. This brochure also included '**patent pending**' on it, which directly associated this product with the claims of the then pending '850 patent, which was the only pending patent we had at that time.

15. Exhibit 6 is a 2001 version of an additional product brochure for 'payment processing' of the overall 21st Century Restaurant System brochure- (produced subsequent to our filing of the original '850 parent application on September 21, 1999) which also is built on the 'menu wizard' and 'communications wizard'. This brochure also included '**patent pending**' on it, which directly associated this product with the claims of the then pending '850 patent, which was the only pending patent we had at that time.

16. Exhibit 7 is an October 4, 2001 Infogenesis press release of an updated agreement between Ameranth and Infogenesis as to their licensing our 21st Century Restaurant System technology (obtained from a search subsequent to the November 16, 2010 Interview). In this press release we clearly referred to the direct association of the 21st Century Restaurant System and the pending '850 patent with the term 'The

Ameranth Wireless Patent Pending 21ST Century Restaurant.

17. Exhibit 8 is a Hospitality-Net article about a May 17, 2002 press release - that Ameranth had issued to the AP and UPI press channels, (as well as posted on our web site and widely distributed), that announced the award of our '850 patent and directly associated the 21ST Century Restaurant System with the newly awarded patent. Further, I clearly summarized (for 'lay readers') claimed elements of our patent and of our invention in this press release, clearly expressing high level summaries of several of the important aspects of the independent claims of the invention. This confirms that not only did we believe that our 21st Century Restaurant System products were linked to this patent but also to the claims and also we communicated this publicly, (all entirely supportive of the Nexus).

18. Exhibit 9 is an October 21, 2001 press release (obtained from a search subsequent to the November 16, 2010 interview), titled 'Squirrel Systems and Ameranth Wireless announce Partnership'. This is another reference of the licensing of our 21st Century Restaurant System inventive technology and refers to 'The Ameranth Wireless patent pending 21st Century Restaurant' -further associating the product with the then pending patent and its claims

19. Exhibit 10 is a 'screen shot' - (obtained subsequent to the November 16, 2010 Interview) from December 2010 of the web site of the Washington DC Improv Comedy Club, clearly showing their licensing of our existing patents on the bottom of the screen - with the three patent numbers marked as shown. This is the same award winning product that won the Moby and Computerworld awards in 2000 and 2001 respectively

(including wireless handheld components) and the Improv Comedy Ticketing System has been operational as a licensee of Ameranth for almost a decade now and it remains so today. Further, at the bottom of the screen shot, the wireless handhelds - smart phone aspect of the system embodying the claims are clearly shown.

20. Exhibit 11 is an additional 'screen shot' – (obtained subsequent to the November 16, 2010 Interview) from December 2010)- of the web site of the Virginia Beach Funny Bones Comedy Club, clearly showing their licensing of our existing patents on the bottom of the screen – marked with the three patent numbers shown. This is the same award winning product that won the Moby and Computerworld awards in 2000 and 2001 (including wireless handheld components) respectively and the Funny Bones Comedy Ticketing System has been operational as a licensee of Ameranth for almost eight years now and it remains so today. Further, at the bottom of the screen shot, the wireless handhelds - smart phone aspect of the system embodying the claims are clearly shown

21. Exhibit 12 is an additional 'screen shot' – (obtained subsequent to the November 16, 2010 Interview) - from December 2010 - of the web site of Profitstreams Inc- ~~clearly showing their licensing of our existing patents on the bottom of the screen –~~ (with the three patent numbers shown). This is a successor product to our earlier award winning Hostalert system and has been licensed for more than four years now and as is shown - the wireless device i.e.. smart phone aspect of the system is clearly indicated.

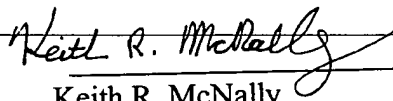
22.) Exhibit #13, is a letter from Rita Gunther McGrath (the author) of a Book, 'Marketbusters' (from the Harvard Business School Press) dated November 2005, which describes our technology as 'exceptionally innovative' and '**market- transforming**'. It

further concluded and stated that 'Amaranth's main product, 21st Century Restaurant software is poised to become the industry standard for mobile wireless ordering and payment processing'. This additional validation of the breakthrough aspects of our innovations is further confirmation of the 'non obviousness' of our inventions/patents.

22. I respectfully request that the Examiner consider this Supplemental Declaration and the previously provided 1.131 and 1.132 submissions along with the concurrently and separately provided 'Nexus Overview Summary' - together - as conclusive rebuttal evidence of nonobviousness and that the presently pending claims (as amended) be allowed.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Dated: December 13, 2010



Keith R. McNally

EXHIBIT 1

March 22, 1999 1:55 PM PST

Food.com changes its recipe

By Tim Clark
Staff Writer, CNET News

Food.com's new name and strategy is an attempt to jumpstart the nascent market for online takeout food, but it faces one big hurdle: the dearth of restaurant Web sites.

Food.com, formerly called Cybermeals, will now focus on specific locales rather than pursue a national strategy.

The company will season its marketing menu with an advertising campaign aimed at both the online and offline markets, backed by \$25 million in new investment capital. The company's first local TV, radio, print, and billboard ads will run in Los Angeles, New York, the San Francisco Bay Area, Washington, Chicago, Seattle, Dallas, Atlanta, and Philadelphia.

"It's a local, even a neighborhood, business," said Food.com spokesman David Gilcreast.

The company says 51 percent of all restaurant meals last year were takeout or delivery and that segment is growing far faster than other restaurant categories. Food.com and similar services are one shortcut for an eatery to gain Internet exposure, but it's not clear how many bistros are willing to pay for it.

In putting its old national strategy in cold storage, Food.com also has walked away from portal deals with Yahoo, Lycos, and Excite. But it's sticking with America Online and its local Digital Cities properties, extending its four-year, \$20 million deal to six years.

"The portal deals gave us a lot of the exposure we were looking for, but they turned out not to be the best strategic business move," Gilcreast said, because the company was paying to reach many users in areas where local delivery wasn't available. "We started to realize it was much more a local and targeted play," he added, noting that Amazon.com and CDNow can play nationally because of what they sell.

The market is young, so it's not clear whether a local approach is best, said Ken Cassar, analyst with Jupiter Communications. "The big question in this space is whether the ultimate winner is going to be a big national player with a national infrastructure and

local sales force, or a number of local companies spearheaded by content players like newspapers," Cassar said.

Other potential rivals include telephone companies whose sales forces already sell Yellow Page ads.

Food.com will also target on college students and office workers, in part because of the large percentage of businesses and campuses that have Internet connections.

"For businesses, the average order is larger than a home order," Gilreast said, while college students have a higher propensity to use online ordering services, as evidenced by the clusters of restaurants around many college campuses.

The name change, which followed research that found Cybermeals wasn't an appetizing name to consumers, also positions the company to move into other areas.

"Food.com is a name we can grow into," Gilreast said, signaling the company's interest in moving beyond takeout and delivery to become "an affinity portal for food." Potential add-ons to Food.com's menu: Wine, coffee, specialty foods, and the ability to order food for someone in another town.

"In the short term, they would be wise to stay focused on meal delivery before getting into groceries or anything else like that," said Cassar.

Food.com already faces some local competition, Dine One One in San Francisco and NY Delivery in New York City.

Success depends on how many restaurants participate, Cassar said. Although Food.com has 1,000 restaurants online, users are mostly looking for pizza or pasta delivery to their address.

Food.com charges restaurants a \$400 set-up fee to put a menu online, with a \$50 a month maintenance fee for updating and local marketing. The service also collects 5 percent of each order, but Gilreast said the average order size through the site is 30 percent larger than phone orders. Next quarter Food.com will begin selling ads and sponsorships on its site.

Participating in Food.com's latest round of funding were Tribune Ventures, the investment arm of the Chicago Tribune, and Accel Partners. The company has content deals with Washington Post, Chicago Tribune, Los Angeles Times and Orlando Sentinel.

EXHIBIT 2

HOSTALERT™

HostAlert™ the Microsoft RAD award-winning restaurant waitlist and table management system improves the efficiency of your establishment's operations to grow your revenue opportunities and enhance your guests' experience.

Developed with strategic

partner JTech

Communications,

HostAlert™ integrates

a touch screen PC at

the host stand with

wireless handhelds and

guest and staff pagers to

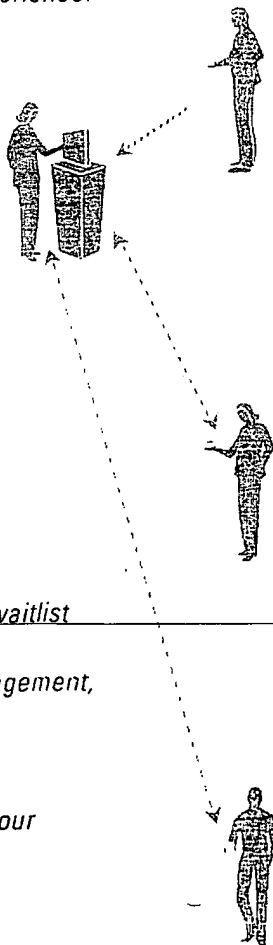
provide comprehensive waitlist

management, table management,

and seamless wireless

communication to both your

staff and guests.



Waitlist Management and Wait Time Quoting

HostAlert's™ automated waitlist increases table turns and decreases wait time. Walk-ups, call-aheads and reservations are seamlessly integrated into a single list. When a table becomes available the system automatically searches the waitlist for the party best matched to that table, for ultimate seating maximization. The system calculates, in real-time, accurately estimated table wait times based on historical seating trends and current customer flow.

Table Management

HostAlert™ maximizes revenue and provides timely seating operations by keeping hosts and staff informed of real-time table status. HostAlert™ optimizes server and station rotation for balanced seating flows and even work loads. Efficient table management means an increased number of covers, reduced guest wait times and an overall enhanced dining experience.

Staff and Guest Communication

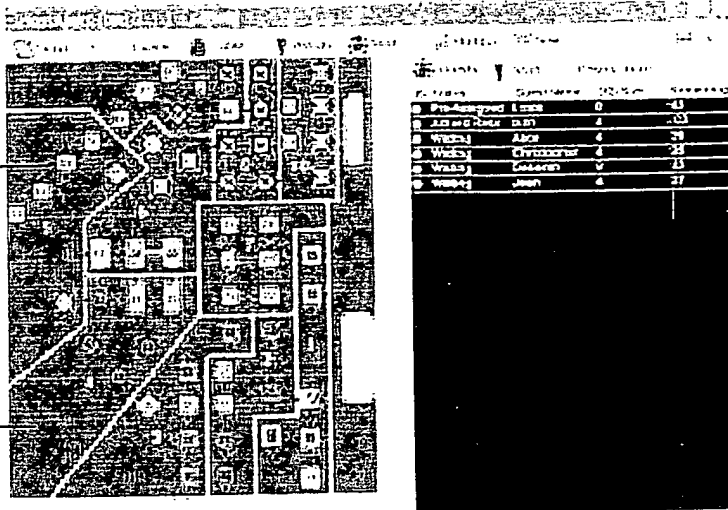
HostAlert™ streamlines in-restaurant staff and guest communication for more efficient operations and speedier service. Through the host station, handhelds and pagers, instant text messages are sent to any staff member from anywhere in the restaurant. As a table becomes available, guests are notified immediately via pagers, filling empty seats faster.

AMERANTH

JTECH

Touch screen interface ensures quick and simple management

Table view shows real-time seating capacity and table status



Guest waitlist manages party details and wait time calculations

Key Features

Table Management

- Graphical table management
- Waitlist management
- Accurate wait quoting
- Call-ahead waitlisting
- Server/Station rotation
- Remote table updating
- Line busting
- Staff communication
- Guest pager notification
- Seating / cover optimization
- Table inventory management

Reports

- Walk in Summary
- Daily Snapshot
- Waitlist Detail
- Seating Utilization
- Trend Statistics
- Server Turn Times
- Staff Assignments

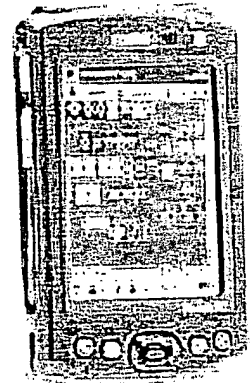
Key Benefits

Table Management

- Self-adjusted, accurate wait times
- Filter, view and reserve table inventory by room (ex. main, patio, bar)
- Filter, view and reserve table inventory by preference (ex. booth, window, non-smoking)
- Optimal table matching for seat utilization
- Balanced work load for servers
- Smoother order flow to kitchen
- Reduced host stand congestion
- Staff reduction/reduced overhead costs
- Cut down on vacant table time and increases table turns
- Quick/simple operations
- Instant communication between staff and guests

Reports

- Make real time operational decisions



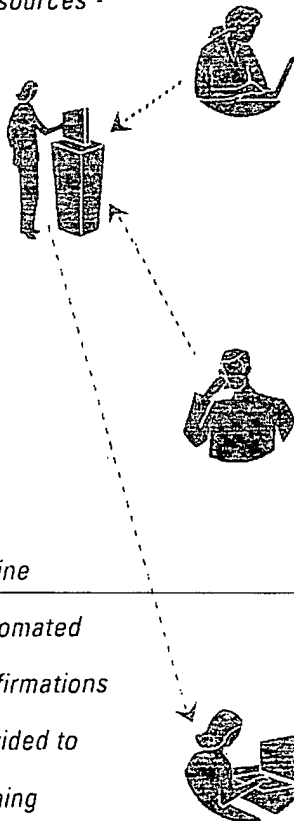
Wireless handhelds for mobile integration to HostAlert™ system

EXHIBIT 3

HOSTALERT[™] RESERVATIONS



HostAlert[™] Reservations is your complete in-restaurant reservations and guest relations management solution. The system efficiently accepts and seamlessly integrates reservations from all Internet, call-center and in-house sources - including your own web site - into your establishment's HostAlert[™] system. All this, while building and populating your wholly owned guest database.



Through Ameranth's on-line reservation services, automated e-mail and real-time confirmations are among the tools provided to enhance your guests' dining experience and make sure they return again and again.

Reservations Management

With HostAlert[™] Reservations, all guest information, regardless of source, is gathered, integrated, organized and automatically transmitted to the restaurant's HostAlert[™] system. The dynamic booking grid encompasses all Internet, call-center and in-house reservations to automatically reflect up-to-the-minute information on table availability

Integration with On-line Reservations and Confirmation

Ameranth technology enables seamless integration to Ameranth's on-line reservations service. Guests are able to search for actual table availability 24/7, without ever leaving your website. An embedded form allows diners to search based on date, time and party size. Guests are able to request and receive an automatically generated confirmation number and personalized e-mail with pertinent restaurant information.

Customer Relations Management

With HostAlert[™] Reservations, your establishment alone owns both your system and your guest database, ensuring that you control all guest relations. You are positioned to build brand recognition and market presence and to create powerful marketing campaigns. Data such as latest visit, total cancellations/no shows, and total visits as well as more personalized information such as favorite wines, important dates and children's names can be maintained for your future use.

AMERANTH

JTECH

EXHIBIT 4

AMERANTH

AMERANTH
21st Century
Restaurant

Frequent Customer

- Customer Recognition
- Favorite Items
- Special Dates
- E-mail Announcements
- Customer Statistics

Wireless Ordering

- Access to full menu
- Log in/out security
- User Interface resembling POS system
- Pivot Seating
- Table Numbers or Tabs by Name
- Modifiers- forced, special, and standard menu
- Scratch Pad Messages to kitchen
- Hold & Fire items
- Routes information through POS to designated printers

Manager Functions

- Void Items
- Comps
- Daily Reports
- Instant Communications
- Real-Time wait staff performance statistics

Table Management

- Hostess Wait List
- Pager Notification
- Wireless Bussing Reports
- Reservations
- Back Office Statistics

Valet Parking

- Remote input of Frequent Dining and car information
- Auto-request car

Payment Processing

- Cash or Credit payment capabilities
- Optional mobile receipt printing
- Credit Cards never leave customer's sight
- Wireless verification
- Dynamic print routing

21st Century Communications™ Controller

- Facilitates communication between handhelds and POS terminals
- Systems Overview
- Troubleshooting Help Features
- Capable of multiple remote users logged in



AMERANTH'S 21ST CENTURY RESTAURANT

AMERANTH
*21st Century
Restaurant*



Ameranth Puts Wireless To Work

The 21st Century Restaurant™ system provides restaurants staff with a revolutionary new way to exchange information and increase efficiency and profitability. This patent-pending technology works to eliminate the numerous inefficiencies common to restaurants by providing an integrated wireless software system for seating, serving payment processing, and valet that works with existing IT systems. By bringing the restaurant workers out from behind their fixed terminal computers, they are given more time to interact with customers, and the general efficiency of restaurant operations is improved.

Wireless Ordering Software

The wireless ordering software for Microsoft® Pocket PC handheld computers brings the point-of-sale back to where it belongs-at the customer's side. Restaurant servers have wireless remote access to legacy POS software functions, including dynamically generating the current menu, food ordering with modifiers (pre-programmed or special,) holding & firing items, and ordering by table or name. This saves time by eliminating the server's need to walk back and forth from the customer to the computer, which can result in faster table turns, a more efficient use of labor, and increased customer satisfaction.

Payment Processing Software

The Ameranth Wireless™ payment processing module allows restaurant staff to wireless process cash or credit card payments right at the customer's side. This saves time for the restaurant and increases the customer's security by allowing them to keep site of their credit cards.

21st Century Communications™ Controller

The 21st Century Communications™ Controller back office software routes messages between the various wireless devices and the appropriate fixed information systems (such as the POS system.) This versatile software has the capability to handle multiple wireless devices sending messages simultaneously.

Manager Software*

With the manager software, the management can wirelessly void & comp items, receive daily reports and communicate with servers via a Pocket PC handheld computer. The manager can even monitor server statistics to ensure the very best in customer service.

Frequent Customer Software*

Frequent customer cards can be processed using mobile, handheld terminals. Staff can be informed of special occasions, such as birthdays or anniversaries, or VIP status. Information about customer dining habits is databased and coupons and specials may be sent out via e-mail.

Table Management Software*

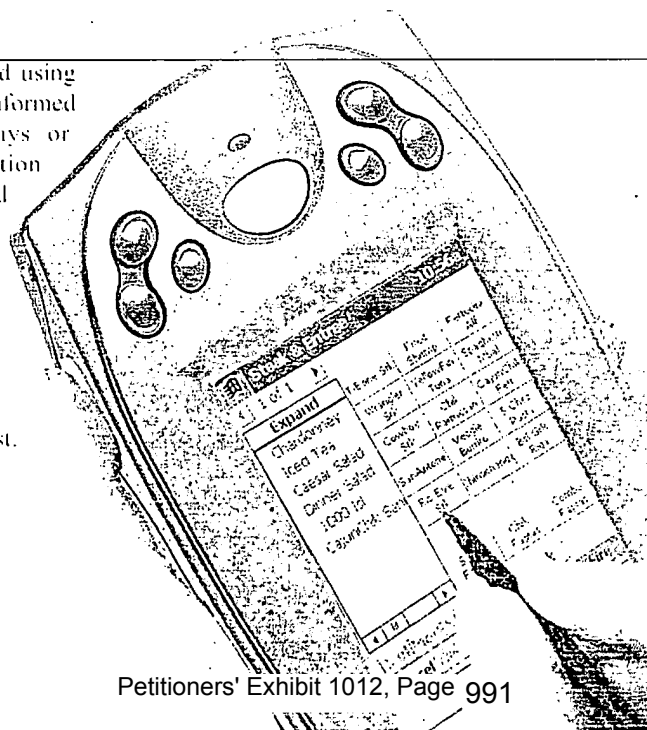
Using a handheld PC computer with both keyboard and pen-based operations, the hosting staff can record reservations and maintain a waiting list.

This software will automatically generate wait times and work in conjunction with a pager system to page the customer when their table is ready. The bus staff may be given a simple wireless tool to generate brief messages such as "table clean." to help speed table turns.

Valet Parking Software*

Valets with mobile wireless computers enter in a customer's information for instant addition to the waitlist as well as automatic updating of frequent customer data. Valets dropping off a car can be remotely notified that another car has been requested, saving time and an extra trip for the staff member.

To find out more information about how Ameranth puts Wireless to Work with the 21st Century Restaurant system, please call us at 1(888) AMERANTH, or visit our website at www.ameranth.com.



AMERANTH
WIRELESS AT WORK

5505 Morehouse Drive, Third Floor
San Diego, California 92121
(888)AMERANTH
www.ameranth.com

*in development

EXHIBIT 5

WIRELESS ORDERING SOFTWARE

AMERANTH

21st Century Restaurant



Increase Efficiency With Wireless Ordering

Ameranth's 21st Century RestaurantSM system brings the point of sale back to where it belongs-- by the customer's side. This patent-pending technology increases restaurant efficiency by eliminating the need for servers to walk back and forth between the customers and a computer terminal. With wireless ordering software, restaurant staff has remote access to the POS system wireless via Microsoft[®] Pocket PC handheld computers for improved customer service, faster table turns, and a reduction of labor needs.

Faster Table Turns

By decreasing the time it takes for an order to reach the kitchen, there is a general decrease in table turn time. For popular restaurants, this can mean more seatings, more profits, and fewer people walking away due to a long wait.

Reduced Labor Needs

With servers saving time not having to walk to a fixed computer to place each order, they have the time to handle more tables and interact with more customers. For a restaurant,

this means that they can get by with fewer servers, or have only the best servers interacting with the customer, while others simply run food.

Improved Customer Service

Orders transmitted to the kitchen faster, means orders arriving at the table faster. Plus, because the wait staff never has to leave the dining area, they are always available to serve the customer's needs. Finally, order accuracy is improved, as there is no need to record the information twice, and modifiers cannot be forgotten.

Works with Existing POS Software

Because the Ameranth WirelessSM 21st Century Restaurant system works in conjunction with legacy POS systems, there is no need for a restaurant to abandon their existing IT systems. Ameranth's certified POS partners have incorporated the 21st Century Restaurant system into their own POS offerings, providing restaurants with one unified system. Information is instantaneously transmitted wirelessly between the handhelds and the POS system.

Wireless At WorkSM

Ameranth puts Wireless to Work through the 21st Century line of software products for

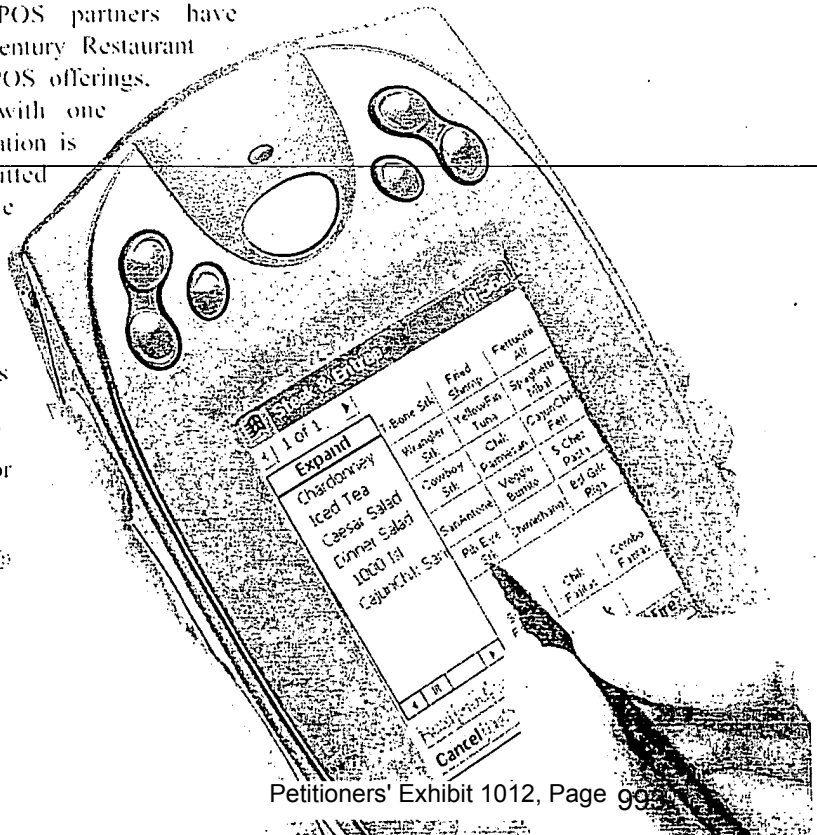
the hospitality and healthcare industries. By utilizing Microsoft[®] Windows[®] powered Pocket PC handhelds that were specifically designed for commercial applications, the 21st Century systems allow even small commercial ventures to take advantage of the benefits of wireless technology. With Ameranth's software, now restaurants may enjoy the efficiency that car rental agencies and others have enjoyed for years.

To find out more about how the 21st Century Restaurant system can make Wireless Work for you, please contact Ameranth at 1(888) AMERANTH, or visit our web site, www.ameranth.com.

AMERANTHSM

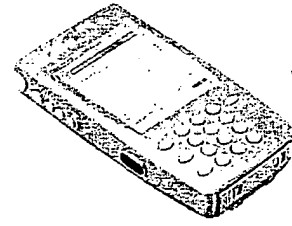
WIRELESS AT WORK

5505 Morehouse Drive, Third Floor
San Diego, California 92121
(888)AMERANTH
www.ameranth.com



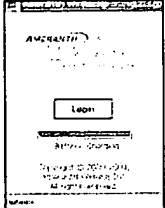
WIRELESS ORDERING SOFTWARE

AMERANTH 21st Century Restaurant

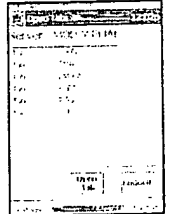


System Requirements

- Microsoft® Windows® Powered Pocket PC handheld computers with 802.11b capabilities
- 802.11b Wireless Local Area Network (WLAN) access point
- Microsoft® Windows® 2000/NT 4.0 Operating System
- Certified 3rd Party Point-of-Sale (POS) system
- Pentium® III (450 Mhz or better) Processor
- 128 MB RAM (256 MB or more recommended)
- Ameranth's 21st Century Communications™ Controller



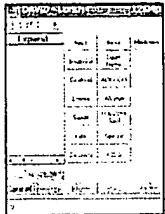
Login or Log in Screen



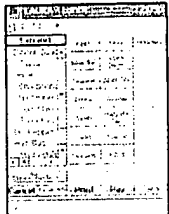
View Open Tabs

21st Century Restaurant Key Features

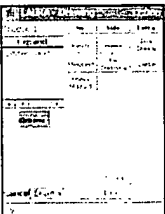
- Access to full menu
- Log in/out security
- Intuitive POS-modeled graphical user interface
- Pivot Seating
- Table Numbers or Tabs by Name
- Modifiers- forced, special, and standard menu
- Hold & Send items
- Routes information through POS to designated printers
- Multiple Remote Users
- Dynamic Menu Generation—No Handheld Programming Required
- Scratch Pad messages sent to kitchen



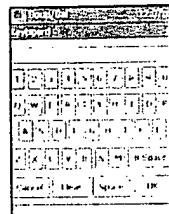
Ordering Screen (tab)



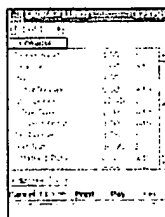
Ordering Screen (items ordered)



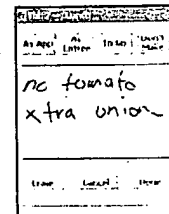
Modifier Screen



SPECIAL Modifiers keyboard



View Expanded Order



Scratch Pad Modifiers

AMERANTH® WIRELESS AT WORK

5505 Morehouse Drive, Third Floor
San Diego, California 92121
(888)AMERANTH
www.ameranth.com

EXHIBIT 6

PAYMENT PROCESSING MODULE

AMERANTH
**21st Century
Restaurant**



Process Payments Faster

The Ameranth Wireless™ 21st Century Restaurant® system now includes payment processing capabilities for even faster restaurant service. By giving food servers the ability to process cash and credit card payments right at the customer's side, via Microsoft® Windows® Pocket PC handheld computers and an 802.11b Wireless Local Area Network (WLAN), the 21st Century Restaurant system speeds the transaction time, and gives customers the added security that comes with never losing sight of their credit cards.

right at the customer's side and even print receipts with an optional portable wireless printer. By eliminating the need to walk back and forth to a payment terminal, time is saved and efficiency is increased.

Increased Security

All too often, restaurant patrons are forced to wait five, even ten minutes while their waiter or waitress is in possession of their credit card. In an increasingly security conscience society, keeping site of one's credit card has become progressively more important. With the 21st Century Restaurant system,

servers are able to swipe credit cards right at the table and

the information is sent wirelessly into the POS system for verification.

Receipt Printing

Restaurants have many options in configuring their system. Choices include printing receipts on mobile, belt printers, isolated printing stations, or at their fixed POS terminal. The 21st Century Restaurant system allows the user to specify to which printer they would like to print right from the handheld terminal. More options mean more opportunities to increase efficiency.

Quick Service

With the 21st Century Restaurant payment processing module, wait staff can complete the customer's transaction by their side, whether that be at the table, in a drive-through line, at their stadium seat, or even in line on the sidewalk. The increase in efficiency saves time for the restaurant, customers, and staff.

Saves Time

Mobile payment processing saves time both for the customer and for the restaurant. With credit card transactions, the wait staff is able to swipe the card



To find out more information about how Ameranth puts Wireless to Work with the 21st Century Restaurant system, please call us at 1(888) AMERANTH, or visit us on the web at www.ameranth.com.

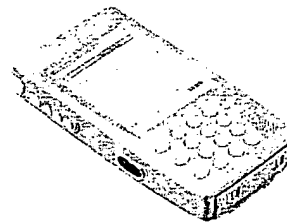
AMERANTH

WIRELESS AT WORK

5505 Morehouse Drive, Third Floor
San Diego, California 92121
(888)AMERANTH
www.ameranth.com

PAYMENT PROCESSING MODULE

AMERANTH 21st Century Restaurant

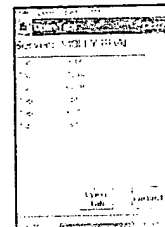


System Requirements

- Microsoft® Windows® Powered Pocket PC handheld computers with 802.11b radio card
- 802.11b Wireless Local Area Network (WLAN) access point
- Microsoft® Windows® 2000/NT 4.0 Operating System
- Certified 3rd Party Point-of-Sale (POS) system
- Pentium® III (450 Mhz or better) Processor
- 128 MB RAM (256 MB or more recommended)
- Ameranth's 21st Century Restaurant Wireless Ordering software and Communications Controller



Typing of Login Screen



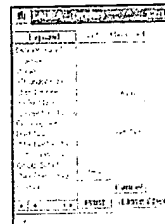
View Over Tabs

21st Century Restaurant Payment Processing Key Features

- Access to full menu & prices
- Log in-out security
- Cash and Credit Card Processing
- User Interface resembling POS system
- Table Numbers or Tabs by Name
- Routes information through POS to designated printers
- Optional portable wireless printer
- Dynamic print routing



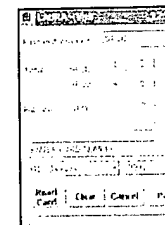
Ordering Screen



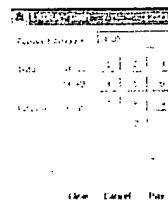
Choose Payment Screen



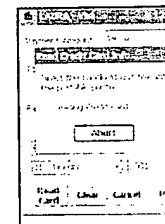
View Expense Details



Credit Payment Screen



Cash Payment Screen



BK Print Receipt

AMERANTH® WIRELESS AT WORK

5505 Morehouse Drive, Third Floor
San Diego, California 92121
(888)AMERANTH
www.ameranth.com

EXHIBIT 7

hospitality



INDUSTRY NEWS

Ameranth Wireless(TM) Announces Award of Patent for Its Revolutionary 21st Century Restaurant(TM) Products

The San Diego Based Software Company, Ameranth Wireless, Follows Its Award Winning Products With Patented-Breakthrough Technology

SAN DIEGO: Ameranth Wireless(TM), creator of the 21st Century Restaurant(TM) system for wireless ordering, payment processing, reservations and table management, is pleased to announce that it has been awarded a major patent # 6,384,850 for an "Information Management and Synchronous Communications System & Method facilitating database equilibrium and synchronization with wired, wireless and web-based systems."

AMERANTH WIRELESS

"This patent award is strategic for Ameranth -- as we believe that it secures our position of having solved the major technical obstacles that prevented widespread adoption of mobile/wireless devices in our core markets," said Randy Stratford, Ameranth Chief Executive Officer. "We have pursued an active patent and trademark strategy to protect our intellectual property and we believe this patent and the others in our pending will preserve our leadership position in the innovative application of wireless and web synchronization solutions for years to come." The fact that major industry PCSI partners have adopted our solutions, several of the most respected restaurant chains are preparing roll-outs, and strategic partners like Microsoft and Symbol are investors in Ameranth validate our impact."

Ameranth has been a leader in Mobile Solutions for the Hospitality market since 1998 and the healthcare market since 1999 -- working with the top customers/partners in both markets and delivering cutting-edge solutions that have resulted in seven different technology awards. Long seen as a true innovator and having been featured in USA Today, Wall Street Journal, NY Times, Time Magazine, CNN-FN, Nations Restaurant News and numerous other major publications, Ameranth, which develops software solutions growing around the complete suite of Microsoft products, is poised for rapid growth and positioned to leverage 802.11 Wireless Hotspots.

Keith McIlhenny, Ameranth's principal founder and the lead patent inventor said "A principal element of this patent involves the methodology by which hand-held operator displays are synchronized from and with the large displays of fixed legacy computing systems. The patent covers the use of HTML, XML, and similar messaging methodologies to instantly create the displays and GUI on the hand-held's smaller screens -- with no custom programming required for each restaurant/hotel or similar application. Another element of the invention, while closely related to the first, addresses the ability for web, wireless and fixed computing systems to be synchronized with each other so that an action on any of the system nodes automatically updates all the other nodes. We believe that this invention will lead to the widespread adoption of wireless and web based solutions in our markets and that this patent -- and others soon to follow -- will position us very strongly to retain our leadership position."

about Ameranth

AMERANTH WIRELESS, INC. (<http://www.ameranth.com>) is a leading provider of wireless system software to the hospitality and healthcare markets. Headquartered in San Diego, California, Ameranth Wireless systems software gives functionality to Pocket PC handheld computers - moving the bond of activity from fixed terminals to where it belongs - by the customer's side. The Ameranth Wireless patented 21st Century RestaurantTM is set to become the industry standard for mobile wireless ordering and payment processing in restaurants. Ameranth's products have won four prestigious government technology awards and three hospitality "best product" awards within the last two years.

ORGANIZATION

Ameranth Technology Systems
http://www.ameranth.com
12230 El Camino Real, Ste. 130
San Diego, CA 92130
Phone: (619) 794-6062
Fax: (619) 794-8222
Email: info@ameranth.com

RECENT NEWS

Ameranth Wireless, Alpha Technologies, and Index Hospitality Systems introduce the 21st Century Restaurant software to the European PDS market.

The 21st Century Restaurant System by Ameranth is Now Available for Internet Access PDS Customers. Ameranth and Verizon, Inc. sign Distribution and License Agreement.

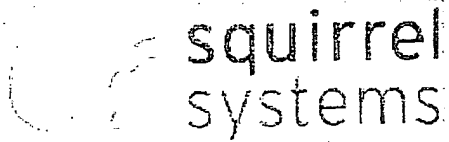
XXXXXXXXXXXXXXXXXXXXXXXXXXXX

05
10

XXXXXXXXXXXXXXXXXXXXXXXXXXXX

EXHIBIT 8

search:



- Home
- Products
- Services
- Support
- Contact Us

- About Us
- Careers
- Press
- Partners
- News
- Events
- Training
- Resources

How can we help?

- Home
- Products
- Services

Squirrel Systems & Ameranth Wireless Announce Partnership

October 22, 2001

FOR IMMEDIATE RELEASE:

Squirrel Systems, Inc. (www.squirrel.com) is pleased to announce that they have entered into a strategic partnership with Ameranth Wireless™ (www.ameranth.com) to deliver hand-held point-of-sale solutions to the hospitality industry. Squirrel and Ameranth are developing an integrated solution linking the award winning Squirrel for Windows NT point of sale solution, with Ameranth's advanced handheld application, called the 21st Century Restaurant® system.

Ameranth will interface its Microsoft PocketPC™ hand-held application to the Squirrel Systems "order driver" and enable the large installed base of Squirrel's 10,000+ customers to realize the full power of Microsoft PocketPC™ powered devices. This revolutionary solution will enable servers to take orders and process payments directly at the tables and greatly accelerate the ordering process

while optimizing the top and bottom line for restaurants. This solution will dramatically improve efficiency, minimize errors and increase table-turns.

"As a result of researching the right combination of hardware, wireless, software and integration solutions, I am convinced that our partnership with Ameranth Wireless, Microsoft's PocketPC™ devices and the 802.11B wireless standards will enable us to deliver breakthrough solutions to our customers," said Barry Logan, President of Squirrel Systems. "Our companies have had a long relationship and the wireless technology is finally in place to deliver a compelling hand-held value proposition to our customers."

"Ameranth is extremely pleased to be partnering with Squirrel Systems," said WJ Kitchen, Chairman & CEO of Ameranth Wireless. "Our cutting-edge, wireless solutions coupled with the exceptional Squirrel Point-of Sale system will meet the considerable market demand for a reliable, feature-loaded wireless POS solution."

About Ameranth Wireless

Ameranth Wireless is a leading provider of wireless system software to the hospitality and healthcare markets. Headquartered in San Diego, California, Ameranth Wireless systems software gives functionality to Pocket PC handheld computers-moving the point of activity from fixed terminals to where it belongs: by the customer's side. The Ameranth Wireless patent-pending 21st Century Restaurant® is set to become the industry standard for mobile wireless ordering and payment processing in restaurants. Ameranth's products have won four prestigious government technology awards and three hospitality "best product" awards within the last two years.

About Squirrel Systems

Squirrel Systems is a leading total solutions provider of management systems for independent and chain establishments, including restaurants and food and beverage operations in hotels, resorts and clubs. Headquartered in Vancouver, Squirrel Systems and Squirrel Systems Canada are privately held companies. In its 15 years of profitable operation Squirrel has earned a reputation for innovation and excellence by meeting and exceeding the needs of over 10,000 customers with 50,000 installed Squirrel workstations. As the first company to introduce touch-screen ordering into the restaurant market, it has a long track record as an innovator. To learn more about Squirrel, visit

MEDIA CONTACTS

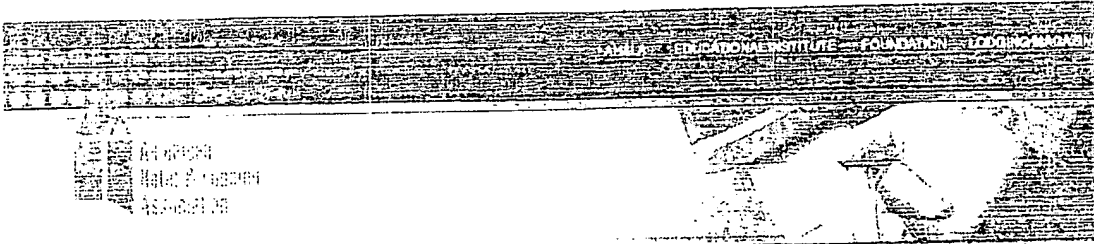
Linda Gillis
Director, Marketing
Squirrel Systems
Tel: 604.412.3300
Email:

Laura Smith
Ameranth Wireless
Tel: 858.794.8282
Email:

SquirrelOne Solutions
Squirrel in a Box Solutions

Microsoft

EXHIBIT 9



AM&LA - KNOWLEDGE BASE

For more information, contact us at 1-800-451-7437

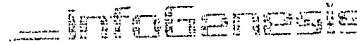
Mario Meris
10000 Wilshire Blvd
Suite 1000
Beverly Hills, CA 90210
Tel: 310-277-1000
Fax: 310-277-1001
www.ameranth.com

NEWS ARTICLE
contents brought to you by Hsyndicate

4 October 2001

InfoGenesis Announces Partnership With Ameranth Wireless® To Deliver Handheld Point-Of-Sale (POS) Solutions To The Hospitality Industry

SANTA BARBARA, Calif., Oct. 3, 2001--InfoGenesis, a leading provider of hospitality information technology, today announced a partnership with Ameranth Wireless® to deliver handheld point-of-sale (POS) solutions to the hospitality industry.



During 2001, InfoGenesis and Ameranth have developed a next generation handheld solution linking Revelation, the award winning InfoGenesis POS solution, with Ameranth's advanced handheld application called the 21st Century Restaurant® system.

The key breakthrough involves the development of an XML gateway between the two products. The XML gateway is a new, two-way interface using "eXtensible Markup Language," or XML, technology, to provide seamless integration between POS and other systems. XML defines data types and maps fields between systems so data can be shared consistently, reliably, and easily. The Ameranth application delivers a premier handheld user interface, powered by the world-class POS capabilities of InfoGenesis.

"Ameranth Wireless is thrilled that InfoGenesis has chosen the 21st Century Restaurant system for their customers' mobile wireless needs," said WJ Kitchen, CEO and Chairman of Ameranth Wireless. "With the power of Microsoft's Pocket PC operating system and the new XML interface, InfoGenesis customers can now enjoy the increased efficiency and time-saving benefits of handheld technology."

The solution was recently installed at American Airlines Center, a new state-of-the-art sports arena in Dallas, to provide in-seat service to patrons.

"We are also bringing wireless solutions to customers like Park City (Utah), Fairmont resorts and MGM/Mirage," added Scott Martiny, Vice President, Sales and Marketing for InfoGenesis. "The level of interest is very high among the cruise, casino, resort, stadium and restaurant segments of our customer base."

Wireless POS works very simply. Using a wireless hand-held communication device, a server sends orders directly from a table or seat to the POS system via wireless network connections. No time is wasted writing down orders and re-entering the information at a fixed computer terminal. When it's time to pay, credit cards can be swiped and processed right at the table, increasing the customer's security and saving even more time. Additionally, by providing servers with menu information at their fingertips, the need for memorization and long training times is reduced.

"After years of talk and waiting for the right combination of hardware and operating system, the race is on to harness the efficiency and convenience of nimble handheld devices to improve guest service and operations," stated Scott Campbell, Director of Project Management, MGM/Mirage. "We are pursuing the use of wireless handheld devices to serve customers faster and increase order accuracy."

Ameranth Wireless is a leading provider of wireless system software to the hospitality and healthcare markets. Headquartered in San Diego, California, Ameranth Wireless systems software gives functionality to Pocket PC handheld computers -- moving the point of activity from fixed terminals to where it belongs -- by the customer's side. The Ameranth Wireless patent-pending 21st Century Restaurant® is set to become the industry standard for mobile wireless ordering and payment processing in

Best Available Copy

restaurants. Ameranth's products have won four prestigious government technology awards and three hospitality "best product" awards within the last two years.

InfoGenesis develops and markets point-of-sale solutions for hospitality and food service. Revelation, a hospitality point-of-sale application designed and marketed by InfoGenesis for table service restaurants, hotels, resorts, casinos, cruise ships and food service, is the winner of multiple industry awards, including the Microsoft Retail Application Design (RAD) Award for 2005.

InfoGenesis is an AH&LA Allied Member
A member of the industry's leading information

RELATED LINKS

<http://www.info-genesis.com>

CONTACT

Nancy Naretic
Phone: 805-681-8300 ext. 415
Fax: 805-681-8609
Email: nnaretic@info-genesis.com

ORGANIZATION

InfoGenesis
1351 Holiday Hill Road
USA - Santa Barbara, CA 93117
Phone: (805) 681-8600
Fax: 805 681 8609

RECENT NEWS

InfoGenesis Announces the Release of InfoGenesis Analytics 1.0, A New Business Intelligence Application, Simplifies Data Analysis

Thursday 19 April 2007 | SANTA BARBARA, CA | InfoGenesis, the leading hospitality technology company in the United States, has announced the release of InfoGenesis Analytics, a new business intelligence solution that is highly integrated with InfoGenesis Point-of-Sale (POS).

InfoGenesis Announces Integration with POS Technology from POSiQ, Making Food Costing Easier for Restaurant Owners

Thursday 16 November 2006 | SANTA BARBARA, CA | InfoGenesis, the leading hospitality technology company in the United States, has just announced a technology partnership with Holiday Inn Hotel and Suites in Columbus, Ohio, which includes the Fox Rapids Indoor Waterpark.

InfoGenesis Expands the Program and CEO Larry Cunningham Moves to Santa Barbara, CA

Thursday 21 September 2006 | SANTA BARBARA, CA | Two executive moves at InfoGenesis headline InfoShare 2006, the company's annual user conference that is being hosted this week at Caesars Palace in Las Vegas. Today, the country's leading hospitality technology company, InfoGenesis, promoted Mark Tapling to President and Chief Executive Officer.

InfoGenesis, Inc. 1351 Holiday Hill Road

InfoGenesis, Inc. 1351 Holiday Hill Road

1351

EXHIBIT 10

Party Packages & Special Events

Home Calendar Dining/Menu

Upcoming Shows

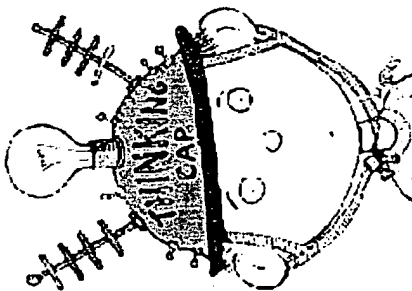
Go > My Evening My Profile Security Help

Comedian Search:

Click here for full calendar

Group Sales

Next show at Washington, DC



HAPPY HOUR TRIVIA NIGHT IN THE COMEDY LOUNGE

Dec 8

Biography >



Dec 8

CHRIS COCCIA

Biography >



Dec 9-12

ADAM FERRARA

Biography >



Dec 15-19

PAUL MECURIO

Biography >



Dec 29-30

ERIN JACKSON

Biography >



America's Premiere Comedy Club and Restaurant

Be a part of a premier Comedy Venue and see the funniest comedy acts.

© 1999-2010 Symfonee Corporation, Patents (6,384,850) (6,871,325) (6,982,733), All Rights Reserved.



EXHIBIT 11

FUNNY BONE

Comedy Club and Restaurant

Home | Calendar | Dining/Menu | Stay Connected

Upcoming Shows

Comedian Search:

Go > | My Evening | My Profile | Security | Help

Admission/Seating Info

Vince Morris
Dec 9-12

[View/Up/Buy Tickets](#)

no photo available

Breakfast with Santa
Biography

Dec 11

[Buy Tickets](#)



no photo available

Breakfast with Santa Adult Ticket
Biography

Dec 11

[Buy Tickets](#)



Clash of the Comics
Biography

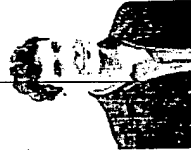
Dec 14

[Buy Tickets](#)

Jim Short
Biography

Dec 15-19

[Buy Tickets](#)



no photo available

The Comedy Workshop Graduation
Biography

Dec 21

[Buy Tickets](#)



Micah 'Bam Bamm' White
Biography

Dec 22-23, 26

[Buy Tickets](#)

Matt Braunger
Biography

no photo available

no photo available

Dinner Show New Year's Eve



Show Ticket Only New Year's

[Click here for full calendar](#)

America's No.1 Comedy Nite Clubs!

Be a part of a premier Comedy Venue and see the funniest comedy acts.

© 1999-2010 Symfoniac Corporation, Patents (6,384,850) (6,871,325) (6,982,753), All Rights Reserved

EXHIBIT 12

Online Reservations

It all starts with a reservation.

The ProfitStreams™ online reservation solution allows Customers to easily interact with a Merchant's website 24/7. By collecting important information during this process, a Merchant can start gaining visibility into Customer behavior, preferences and spending.

Online Reservations benefits:

- 24/7 Customer access for making reservations on the Merchant website
- Mobile enabled for iPhone and Android
- Customized Customer emails
- Allow Customers to invite friends
- Reservation trends tracking over time
- Customer data belongs to Merchant

Additional benefits of Integrated Online Reservations:

- Connects the wait list to the online reservation book
- Provides cover allocation method
- Ties ticket information to actual reservation

Get Online Reservations Now



Check Us Out

What We're Doing
Who We Work With
Dealer
Developer
Merchant
Who We Are
Let's Connect

Get Social

Follow us on
Facebook
Twitter
LinkedIn

Ready to Thrive in the Loop?

Please give us a call to discuss how ProfitStreams can start helping your company get measurable revenue.

Call 866-502-6308 to speak with someone about your needs

Or feel free to drop us a note.

Sales Support Office
900 Main Avenue - Suite 200
Durango, CO 81301
Email Sales
888 502 6308

Corporate Office
1123 Aurora Parkway - Suite 300
Denver, CO 80202
Email for Information
403 585 1136

Looking for Something?

18/1

© 2010 ProfitStreams LLC. All rights reserved. ProfitStreams and 24/7 are trademarks of ProfitStreams LLC. ProfitStreams is a registered trademark of ProfitStreams LLC. 1-866-502-6308

EXHIBIT 13

MARKET BUSTERS

Rita Gunther McGrath

Ian C. MacMillan

November 24, 2005

Keith McNally
President
Amaranth Wireless, Inc.
5375 Mira Sorrento Pl
San Diego, CA 92121-3809

Dear Mr. McNally:

Please enjoy the enclosed copy of *MarketBusters*, courtesy of myself and my co-author, Ian C. MacMillan. The book features many examples of innovative strategies that companies like yours have developed to spark dramatic new growth. Part of our goal for the book was to try to make this process more systematic so that leaders in other firms could learn from your success.

We thought you would like to know that **Amaranth Wireless** is cited in Chapter 2 as pursuing an exceptionally innovative approach to growth, resulting in the market-transforming changes we call *MarketBusting*. We also thought you might find the strategies employed by the other firms cited in the book to be of interest.

If this thinking appeals to you, there is a lot more material on our web site, www.marketbusting.com, including case studies, tips and tricks and my author's blog.

I would be delighted to hear from you at imc20@columbis.com with any comments, questions or reactions. And we are also very keen to hear "what happened next" stories from our featured companies, so if you have the time to drop me a line, I'd be grateful.

Sincerely,

Rita Gunther McGrath
Enclosure

MARKET BUSTERS

40 STRATEGIC MOVES
THAT DRIVE EXCEPTIONAL
BUSINESS GROWTH

RITA GUNTHER McGRATH

IAN C. MacMILLAN

HARVARD BUSINESS SCHOOL PRESS

Move #4: Eliminate Time Delays in the Links of the Chain

Many customers are willing to trade off time for money. This source of marketbusting opportunities requires you to understand how much customer time you're wasting and to develop offerings that eliminate this waste. Alternatively, you might find good ideas by changing the sequencing of events in a consumption chain to create more value.

Example: A Better Beer Experience. Consider an activity as prosaic as buying a beer in a sports stadium. In America, this involves walking to a vendor's location, waiting in a long line, placing your order with one of the waitstaff, finally getting your beer (usually in an extremely annoying and insecure plastic cup with a flimsy lid), and finding your way back to your seat ("excuse me, sorry, excuse me, let me just pass, sorry"), hopefully before you missed anything exciting. Some stadium owners began to try to improve the experience by adding seat-based order takers, but these people added to expenses and didn't really change the majority customer experience because, for the most part, they were stretched too thin to cover all potential customers.

Executives at Amaranth Wireless, a privately held company founded in 1996, saw an opportunity to help stadium customers make better use of their time. The company created a handheld digital device connected to a local network. With such devices in place, information can be shared within the network at extremely low cost. The initial application involved saving time by allowing patrons to order food right from their handheld devices in the stadium and have it delivered to their seats.

Amaranth has since expanded aggressively into numerous arenas in which remote connectivity changes the time spent at one or more links in a customer's consumption experience. Primary client groups include restaurants, hotels, and hospitals, which use the devices to

TRANSFORM YOUR CUSTOMERS' EXPERIENCE 35

...in the time between the customer's request and its fulfillment. Restaurants, for example, can use the software to preorder drinks and appetizers for patrons even before they have been seated. Hotels can use the technology to provide room service and speed the return of valet-parked cars. Hospitals can process food and medication orders for patients faster and more precisely.

Maranth's main product, 21st Century Restaurant software, is expected to become the industry standard for mobile wireless ordering and payment processing in restaurants. In some cases, saving time for diners also results in increased sales. Busy restaurants find that they can increase turnover by providing faster service, thus increasing the revenue they can earn per table.⁴

Example: Automating Nutritional Analysis to Save Time in Clinical Trials. Sometimes, saving time can translate into substantial cost savings. Tiny Princeton Multimedia Technologies Corporation develops software that helps nutritionists rapidly analyze patients' diets and develop better ones. The company's ProNutra software calculates and manages metabolic diet studies to eliminate error and provide rapid turnaround of information. ProNutra is used by thirty research and medical centers, including the clinical research centers of the National Institute of Health and USDA human nutrition research centers. Other clients include Stanford, Yale, Harvard, Rockefeller University, and the University of Chicago.

Because many clients are using the software as part of weight management services for their customers, substantial financial returns are expected from its widespread deployment in pharmaceutical clinical trials. Because an important control variable for a clinical trial consists of monitoring patients' nutrition intake, delays in the process can end up delaying an entire trial. According to Peter Fick Weiss, "When you save a day of clinical trials, you are saving the company \$1 million a day."⁵

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

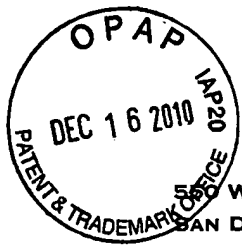
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- BLACK BORDERS**
- IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- FADED TEXT OR DRAWING**
- BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- SKEWED/SLANTED IMAGES**
- COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- GRAY SCALE DOCUMENTS**
- LINES OR MARKS ON ORIGINAL DOCUMENT**
- REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- OTHER:**

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.



MAZZARELLA ■ CALDARELLI LLP

ATTORNEYS AT LAW

550 WEST C STREET, SUITE 700
SAN DIEGO, CALIFORNIA 92101-3532

TELEPHONE: (619) 238-4900

FACSIMILE: (619) 238-4959

WWW.MAZZCAL.COM

MICHAEL D. FABIANO
Extension 306
mfabiano@mazzcal.com

ITW

December 15, 2010

U.S. Patent and Trademark Office
Attn: Matthew Brophy, Examiner
401 Dulany Street
The Randolph Building
Alexandria, VA 22313

Re: Application No. 11/112,990 (McNally)

Dear Examiner Brophy:

Because we were concerned that some of the pages in the Supplemental Response that we filed by fax yesterday might not be perfectly legible due to the fax transmission, please find, enclosed herewith, three "clean" copies of Applicants' Supplemental Response filing of yesterday's date.

Sincerely,

Michael D. Fabiano

Enclosures



*** TX REPORT ***

TRANSMISSION OK

TX/RX NO 1379
RECIPIENT ADDRESS 323#1660*04#5712702642#
DESTINATION ID
ST. TIME 12/14 16:56
TIME USE 38'57
PAGES SENT 96
RESULT OK

MAZZARELLA ■ CALDARELLI LLP

ATTORNEYS AT LAW

550 West C Street, Suite 700
San Diego, California 92101

Telephone: 619-238-4900
Facsimile: 619-238-4959

FACSIMILE TRANSMITTAL SHEET

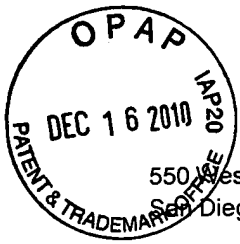
| | |
|--------------------------------------|---|
| TO: | FROM: |
| Mr. Matthew Brophy, Examiner | Michael D. Fabiano, Esq. <u>mfabiano@mazzcal.com</u> |
| COMPANY: | SENDER'S EXTENSION NUMBER: |
| U.S. Patent and Trademark Office | 306 |
| FAX NUMBER: | DATE: |
| 571-270-2642 | December 14, 2010 |
| PHONE NUMBER: | TOTAL NO. OF PAGES INCLUDING COVER: |
| 571-270-1642 | |
| RE: | CLIENT REFERENCE NUMBER: |
| Application No. 11/112,990 (McNally) | 1660.04 |

URGENT FOR REVIEW PLEASE COMMENT PLEASE REPLY
 ORIGINAL WILL FOLLOW

Notes:

Attached are the following documents:

- 1) Transmittal Form
- 2) Supplemental Response and Amendment of Claims
- 3) Supplemental 'Nexus' Declaration & Exhibit "A" thereto
- 4) Supplemental Declaration & Exhibits 1-13 thereto



MAZZARELLA ■ CALDARELLI LLP

ATTORNEYS AT LAW

550 West C Street, Suite 700
San Diego, California 92101

Telephone: 619-238-4900
Facsimile: 619-238-4959

FACSIMILE TRANSMITTAL SHEET

| | |
|--------------------------------------|---|
| TO: | FROM: |
| Mr. Matthew Brophy, Examiner | Michael D. Fabiano, Esq. <u>mfabiano@mazzcal.com</u> |
| COMPANY: | SENDER'S EXTENSION NUMBER: |
| U.S. Patent and Trademark Office | 306 |
| FAX NUMBER: | DATE: |
| 571-270-2642 | December 14, 2010 |
| PHONE NUMBER: | TOTAL NO. OF PAGES INCLUDING COVER: |
| 571-270-1642 | |
| RE: | CLIENT REFERENCE NUMBER: |
| Application No. 11/112,990 (McNally) | 1660.04 |

URGENT FOR REVIEW PLEASE COMMENT PLEASE REPLY

ORIGINAL WILL FOLLOW

Notes:

Attached are the following documents:

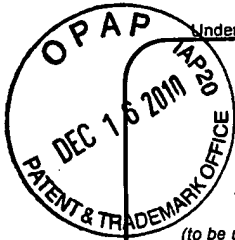
- 1) Transmittal Form
- 2) Supplemental Response and Amendment of Claims
- 3) Supplemental 'Nexus' Declaration & Exhibit "A" thereto
- 4) Supplemental Declaration & Exhibits 1-13 thereto

Doc Code: TRAN.LET

Document Description: Transmittal Letter

PTO/SB/21 (07-09)
 Approved for use through 07/31/2012. OMB 0651-0031
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

| | |
|--|-------------------|
| Application Number | 11/112,990 |
| Filing Date | 2005-04-22 |
| First Named Inventor | McNally, Keith R. |
| Art Unit | 2191 |
| Examiner Name | Brophy, Matthew |
| Attorney Docket Number | 1004293.006US |
| Total Number of Pages in This Submission | 94 |

ENCLOSURES (Check all that apply)

| | | |
|--|--|--|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input checked="" type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Supplemental Response and Amendment of Claims; Supplemental 'Nexus' Declaration & Exhibit A thereto; Supplemental Declaration & Exhibits 1-13 thereto |
| Remarks _____ | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | | |
|--------------|---------------------------|----------|--------|
| Firm Name | MAZZARELLA CALDARELLI LLP | | |
| Signature | | | |
| Printed name | MICHAEL D. FABIANO | | |
| Date | 12/14/10 | Reg. No. | 44,675 |

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

| | | | |
|-----------------------|----------------|------|----------|
| Signature | | | |
| Typed or printed name | EVE MAZZARELLA | Date | 12/14/10 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | | |
|---|---|----------------------------------|---------------------------------------|
| PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875 | Application or Docket Number 11/112,990 | Filing Date 04/22/2005 | <input type="checkbox"/> To be Mailed |
|---|---|----------------------------------|---------------------------------------|

| APPLICATION AS FILED – PART I | | | OTHER THAN SMALL ENTITY | | | | |
|--|---|--------------|--|----------|----|-----------|----------|
| | (Column 1) | (Column 2) | SMALL ENTITY <input checked="" type="checkbox"/> | OR | | | |
| FOR | NUMBER FILED | NUMBER EXTRA | RATE (\$) | FEE (\$) | | RATE (\$) | FEE (\$) |
| <input type="checkbox"/> BASIC FEE <small>(37 CFR 1.16(a), (b), or (c))</small> | N/A | N/A | N/A | | OR | N/A | |
| <input type="checkbox"/> SEARCH FEE <small>(37 CFR 1.16(k), (l), or (m))</small> | N/A | N/A | N/A | | OR | N/A | |
| <input type="checkbox"/> EXAMINATION FEE <small>(37 CFR 1.16(o), (p), or (q))</small> | N/A | N/A | N/A | | OR | N/A | |
| TOTAL CLAIMS <small>(37 CFR 1.16(i))</small> | minus 20 = | * | X \$ = | | OR | X \$ = | |
| INDEPENDENT CLAIMS <small>(37 CFR 1.16(h))</small> | minus 3 = | * | X \$ = | | OR | X \$ = | |
| <input type="checkbox"/> APPLICATION SIZE FEE <small>(37 CFR 1.16(s))</small> | If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). | | | | OR | | |
| <input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT <small>(37 CFR 1.16(j))</small> | | | | | OR | | |
| | | | TOTAL | | OR | TOTAL | |

* If the difference in column 1 is less than zero, enter "0" in column 2.

| APPLICATION AS AMENDED – PART II | | | | | OTHER THAN SMALL ENTITY | | | | |
|----------------------------------|--|----------------------------------|------------------------------------|---------------|-------------------------|---------------------|----|-----------------|---------------------|
| | (Column 1) | (Column 2) | (Column 3) | | | | | | |
| AMENDMENT | 12/16/2010 | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE (\$) | ADDITIONAL FEE (\$) | | RATE (\$) | ADDITIONAL FEE (\$) |
| | Total (37 CFR 1.16(i)) | * 16 | Minus | ** 97 = 0 | X \$26 = | 0 | OR | X \$ = | |
| | Independent (37 CFR 1.16(h)) | * 6 | Minus | *** 12 = 0 | X \$110 = | 0 | OR | X \$ = | |
| | <input type="checkbox"/> Application Size Fee (37 CFR 1.16(s)) | | | | | | OR | | |
| | <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) | | | | | | OR | | |
| | | | | | TOTAL ADD'L FEE | 0 | OR | TOTAL ADD'L FEE | |

| | (Column 1) | (Column 2) | (Column 3) | | | | | |
|-----------|--|------------------------------------|---------------|-----------|---------------------|--|-----------|---------------------|
| AMENDMENT | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE (\$) | ADDITIONAL FEE (\$) | | RATE (\$) | ADDITIONAL FEE (\$) |
| | Total (37 CFR 1.16(i)) | * | Minus | ** | X \$ = | | OR | X \$ = |
| | Independent (37 CFR 1.16(h)) | * | Minus | *** | X \$ = | | OR | X \$ = |
| | <input type="checkbox"/> Application Size Fee (37 CFR 1.16(s)) | | | | | | OR | |
| | <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) | | | | | | OR | |
| | | | | | TOTAL ADD'L FEE | | OR | TOTAL ADD'L FEE |

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

Legal Instrument Examiner:
 /DANTE r. SMITH/

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | | |
|---|---|----------------------------------|---------------------------------------|
| PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875 | Application or Docket Number 11/112,990 | Filing Date 04/22/2005 | <input type="checkbox"/> To be Mailed |
|---|---|----------------------------------|---------------------------------------|

| APPLICATION AS FILED – PART I | | | OTHER THAN SMALL ENTITY | | | | |
|---|---|--------------|--|----------|----|-----------|----------|
| | (Column 1) | (Column 2) | SMALL ENTITY <input checked="" type="checkbox"/> | OR | | | |
| FOR | NUMBER FILED | NUMBER EXTRA | RATE (\$) | FEE (\$) | OR | RATE (\$) | FEE (\$) |
| <input type="checkbox"/> BASIC FEE <small>(37 CFR 1.16(a), (b), or (c))</small> | N/A | N/A | N/A | | | N/A | |
| <input type="checkbox"/> SEARCH FEE <small>(37 CFR 1.16(k), (l), or (m))</small> | N/A | N/A | N/A | | | N/A | |
| <input type="checkbox"/> EXAMINATION FEE <small>(37 CFR 1.16(o), (p), or (q))</small> | N/A | N/A | N/A | | | N/A | |
| TOTAL CLAIMS <small>(37 CFR 1.16(i))</small> | minus 20 = | * | X \$ = | | OR | X \$ = | |
| INDEPENDENT CLAIMS <small>(37 CFR 1.16(h))</small> | minus 3 = | * | X \$ = | | | X \$ = | |
| <input type="checkbox"/> APPLICATION SIZE FEE <small>(37 CFR 1.16(s))</small> | If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). | | | | | | |
| <input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT <small>(37 CFR 1.16(j))</small> | | | | | | | |
| * If the difference in column 1 is less than zero, enter "0" in column 2. | | | TOTAL | | | TOTAL | |

| APPLICATION AS AMENDED – PART II | | | | | OTHER THAN SMALL ENTITY | | | | |
|----------------------------------|---|----------------------------------|------------------------------------|---------------|-------------------------|---------------------|----|-----------------|---------------------|
| | (Column 1) | (Column 2) | (Column 3) | | SMALL ENTITY | OR | | | |
| AMENDMENT | 12/21/2010 | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE (\$) | ADDITIONAL FEE (\$) | OR | RATE (\$) | ADDITIONAL FEE (\$) |
| | Total <small>(37 CFR 1.16(i))</small> | * 11 | Minus ** 31 | = 0 | X \$26 = | 0 | OR | X \$ = | |
| | Independent <small>(37 CFR 1.16(h))</small> | * 1 | Minus ***6 | = 0 | X \$110 = | 0 | OR | X \$ = | |
| | <input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small> | | | | | | | | |
| | <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small> | | | | | | OR | | |
| | | | | | TOTAL ADD'L FEE | 0 | OR | TOTAL ADD'L FEE | |

| APPLICATION AS AMENDED – PART II | | | | | OTHER THAN SMALL ENTITY | | | | |
|----------------------------------|---|----------------------------------|------------------------------------|---------------|-------------------------|---------------------|----|-----------------|---------------------|
| | (Column 1) | (Column 2) | (Column 3) | | SMALL ENTITY | OR | | | |
| AMENDMENT | Total <small>(37 CFR 1.16(i))</small> | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE (\$) | ADDITIONAL FEE (\$) | OR | RATE (\$) | ADDITIONAL FEE (\$) |
| | * | Minus | ** | = | X \$ = | | OR | X \$ = | |
| | Independent <small>(37 CFR 1.16(h))</small> | * | Minus | *** | X \$ = | | OR | X \$ = | |
| | <input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small> | | | | | | | | |
| | <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small> | | | | | | OR | | |
| | | | | | TOTAL ADD'L FEE | | OR | TOTAL ADD'L FEE | |

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

Legal Instrument Examiner:
 /JACQUELINE M. WEIR/

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

FEB 03 2011

Docket No. 1004293.005US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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

CORRECTION TO SUPPLEMENTAL RESPONSE

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

Sir:

Applicants respectfully submit a minor correction to an item in our supplemental response that was filed on December 14, 2010.

In that supplemental response, Exhibit A to the "Supplemental Nexus Declaration Under 37 C.F.R. 1.132" is entitled "11/112990 Secondary Factors Nexus Overview Summary". On page 3 of that Exhibit A, at the bottom of that page, is a reference to Exhibit E-8. The reference to Exhibit E-8 was an inadvertent error; the correct reference should be to Exhibit E-7. This important reference (including "instantly creates the displays and GUI on the handheld's smaller screens - with no custom programming required") confirms the direct association between the claimed features of the present invention and the 21st Century Restaurant™ products, and the same claimed feature of the 21st Century Restaurant™ included on the reverse of Exhibit E-5 (the 2000/2001 Product Brochure), which also states this claimed feature and its operational benefit ("*Dynamic Menu generation- no handheld programming required*"), (i.e. the "menu

Serial No. 11/112,990

Docket No. 1004293.005US

wizard”) and includes several actual GUI ‘screen shots’ of the dynamically generated handheld menus.

Dated: February 3, 2011

Respectfully submitted,

/s/ Michael D. Fabiano

MICHAEL D. FABIANO

Registration No. 44,675

MAZZARELLA ■ CALDARELLI LLP

550 West C Street, Suite 700

San Diego, California 92101

Attorney for Applicants

FEB 03 2011

MAZZARELLA CALDARELLI LLP

ATTORNEYS AT LAW

550 WEST "C" STREET, SUITE 700
SAN DIEGO, CA 92101-3235

TELEPHONE: 619 238 4900
FACSIMILE: 619 238 4959

FACSIMILE TRANSMITTAL SHEET

| | |
|--|--|
| TO: | FROM: |
| Mail Stop AF Commissioner for Patents | Michael D. Fabiano (mfabiano@mazzcal.com) |
| COMPANY: | SENDER'S DIRECT DIAL: |
| U.S. Patent and Trademark Office | EXTENSION 306 |
| FAX NUMBER: | DATE: |
| 571.273.8300 | February 3, 2011 |
| PHONE NUMBER: | TOTAL NO. OF PAGES INCLUDING COVER: |
| 866-217-9197 | 4 |
| RE | CLIENT REFERENCE NUMBER.: |
| Application No. 11/112,990 | 1660.04 |

URGENT FOR REVIEW PLEASE COMMENT PLEASE REPLY

ORIGINAL WILL FOLLOW

Notes:

Attached are the following documents:

Correction to Supplemental Response (for Supplemental Response filed December 14, 2010)

This facsimile is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure, or distribution is prohibited. If you are not the intended recipient, please contact the sender at the number listed above and destroy all copies of the original facsimile.

Doc Code: TRAN.LET
Document Description: Transmittal Letter


FEB 03 2011

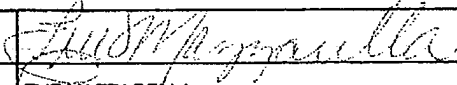
Approved for use through 07/31/2011. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | |
|--|------------------------|-------------------|
| TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small> | Application Number | 11/112,990 |
| | Filing Date | 2005-04-22 |
| | First Named Inventor | McNally, Keith R. |
| | Art Unit | 2191 |
| | Examiner Name | Brophy, Matthew |
| | Attorney Docket Number | 1004293.006US |
| Total Number of Pages in This Submission | | 3 |

| ENCLOSURES (Check all that apply) | | |
|---|---|--|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Correction to Supplemental Response |
| Remarks | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | | |
|--|---|----------|--------|
| Firm Name | MAZZARELLA CALDARELLI LLP | | |
| Signature |  | | |
| Printed name | MICHAEL D. FABIANO | | |
| Date | 2/3/11 | Reg. No. | 44,675 |

| CERTIFICATE OF TRANSMISSION/MAILING | | | |
|---|---|------|--------|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: | | | |
| Signature |  | | |
| Typed or printed name | EVE MAZZARELLA | Date | 2/3/11 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



lfm

PTO/SB/122 (11-08)

Approved for use through 11/30/2011. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

CHANGE OF CORRESPONDENCE ADDRESS Application

Address to:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

| | |
|------------------------|-----------------|
| Application Number | 11/112,990 |
| Filing Date | April 22, 2005 |
| First Named Inventor | McNally |
| Art Unit | 2191 |
| Examiner Name | Brophy, Matthew |
| Attorney Docket Number | 1004293.005US |

Please change the Correspondence Address for the above-identified patent application to:

The address associated with Customer Number:

OR

Firm or Individual Name **Fabiano Law Firm, P.C.**

Address **12526 High Bluff Drive, Suite 300**

City **San Diego**

State **CA**

Zip **92130**

Country **United States of America**

Telephone **619-742-9631**

Email **mdfabiano@fabianolawfirm.com**

This form cannot be used to change the data associated with a Customer Number. To change the data associated with an existing Customer Number use "Request for Customer Number Data Change" (PTO/SB/124).

I am the:

- Applicant/Inventor
- Assignee of record of the entire interest. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).
- Attorney or agent of record. Registration Number 44,675
- Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number _____

Signature

Typed or Printed Name **Michael D. Fabiano**

Date **November 1, 2011**

Telephone **619-742-9631**

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

*Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

| | | | |
|--|--------------------------------------|---------------------------------------|--|
| Applicant-Initiated Interview Summary | Application No. 11/112,990 | Applicant(s) MCNALLY ET AL. | |
| | Examiner MATTHEW BROPHY | Art Unit 2191 | |

All participants (applicant, applicant's representative, PTO personnel):

- (1) MATTHEW BROPHY. (3) Micheal Fabiano.
(2) Lewis Bullock. (4) Keith McNally.

Date of Interview: 14 October 2011.

Type: Telephonic Video Conference
 Personal [copy given to: applicant applicant's representative]

Exhibit shown or demonstration conducted: Yes No.
If Yes, brief description: _____.

Issues Discussed 101 112 102 103 Others
(For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: 103-127.

Identification of prior art discussed: Cupps, Kavesky, Micros, et al.

Substance of Interview

(For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

The Applicant, Applicant's representative, examiner and SPE met to discuss possible allowable subject matter in the case. The Applicant gave an overview of the invention and history of the case. The Applicant explained the secondary factors evidence submitted to the office as evidence of non-obviousness. The Applicant described the claim amendment made in reponse to the November 2010 interview. In the interview, the applicant described the function of the menu generation system creating cascaded graphical user interface screens which are adaptable to different sized handheld devices. The applicant explained how the secondary factors show non-obviousness. The examiners asked the applicant about several features of the invention.

Applicant recordation instructions: The formal written reply to the last Office action must include the substance of the interview. (See MPEP section 713.04). If a reply to the last Office action has already been filed, applicant is given a non-extendable period of the longer of one month or thirty days from this interview date, or the mailing date of this interview summary form, whichever is later, to file a statement of the substance of the interview

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

Attachment

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews

Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.



NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 02/02/2012
Fabiano Law Firm, P.C.
Suite 300
12526 High Bluff Drive
San Diego, CA 92130

EXAMINER

BROPHY, MATTHEW J

ART UNIT PAPER NUMBER

2191

DATE MAILED: 02/02/2012

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.

11/112,990 04/22/2005 Keith R. McNally 1004293.005 US 7098

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

Table with 7 columns: APPLN. TYPE, SMALL ENTITY, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE FEE, TOTAL FEE(S) DUE, DATE DUE

nonprovisional YES \$870 \$300 \$0 \$1170 05/02/2012

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

**Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 or Fax (571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

7590 02/02/2012
 Fabiano Law Firm, P.C.
 Suite 300
 12526 High Bluff Drive
 San Diego, CA 92130

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

| |
|--------------------|
| (Depositor's name) |
| (Signature) |
| (Date) |

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
|-----------------|-------------|----------------------|---------------------|------------------|

11/112,990 04/22/2005 Keith R. McNally 1004293.005 US 7098

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

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE |
|-------------|--------------|---------------|---------------------|----------------------|------------------|----------|
|-------------|--------------|---------------|---------------------|----------------------|------------------|----------|

nonprovisional YES \$870 \$300 \$0 \$1170 05/02/2012

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|----------|----------|----------------|
|----------|----------|----------------|

BROPHY, MATTHEW J 2191 717-109000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 _____
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 _____
- 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : Individual Corporation or other private group entity Government

4a. The following fee(s) are submitted:

- Issue Fee
- Publication Fee (No small entity discount permitted)
- Advance Order - # of Copies _____

4b. Payment of Fee(s); (Please first reapply any previously paid issue fee shown above)

- A check is enclosed.
- Payment by credit card. Form PTO-2038 is attached.
- The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____ Date _____
 Typed or printed name _____ Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
11/112,990 04/22/2005 Keith R. McNally 1004293.005 US 7098

7590 02/02/2012
Fabiano Law Firm, P.C.
Suite 300
12526 High Bluff Drive
San Diego, CA 92130

EXAMINER

BROPHY, MATTHEW J

ART UNIT PAPER NUMBER

2191

DATE MAILED: 02/02/2012

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 926 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 926 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability

| | | |
|--------------------------------------|---------------------------------------|--|
| Application No. 11/112,990 | Applicant(s) MCNALLY ET AL. | |
| Examiner MATTHEW BROPHY | Art Unit 2191 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

- 1. This communication is responsive to Applicant's amendment of December 16, 2010.
- 2. An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
- 3. The allowed claim(s) is/are 103-107, and 115-127, renumbered 1-18.
- 4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some* c) None of the:
 - 1. Certified copies of the priority documents have been received.
 - 2. Certified copies of the priority documents have been received in Application No. _____ .
 - 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has **THREE MONTHS FROM THE "MAILING DATE"** of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

- 5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 - 6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No./Mail Date _____.
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
- 7. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- 1. Notice of References Cited (PTO-892)
- 2. Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3. Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date 10/1/2010
- 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material
- 5. Notice of Informal Patent Application
- 6. Interview Summary (PTO-413),
Paper No./Mail Date 10/24/2011 .
- 7. Examiner's Amendment/Comment
- 8. Examiner's Statement of Reasons for Allowance
- 9. Other _____.

/Lewis A Bullock, Jr./
Supervisory Patent Examiner, Art Unit 2193

DETAILED ACTION

1. This office action is in response to the amendment filed December 16, 2010.
2. Claims 103-108 and 115-127 are pending.
3. Claims 103, 118 and 122 are amended herein. Claim 108 is canceled.
4. Applicant's Affidavit submitted December 16, 2010 is moot in view of the current amendment.
5. The Information Disclosure Statement of October 1, 2010 has been considered herein.

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Michael Fabiano on December 15, 2011.

The application has been amended as follows:

Art Unit: 2191

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,

Art Unit: 2191

wherein the menu configuration software is further enabled to generate the programmed handheld menu configuration in conformity with ~~display screen parameters~~ a customized display layout 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 a customized display layout is compatible with 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~~ customized display layout 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

Art Unit: 2191

wherein the system is further enabled to automatically format the programmed handheld menu configuration for display as cascaded sets of linked graphical user interface screens appropriate for a customized display layout of at least two different wireless handheld computing device display sizes in the same connected system, and

wherein a cascaded set of linked graphical user interface screens for a wireless handheld computing device in the system includes a different number of user interface screens from at least one other wireless handheld computing device in the system.

Art Unit: 2191

104. (Previously Presented) The information management and synchronous communications system in accordance with claim 103, 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.

105. (Previously Presented) The information management and real time synchronous communications system in accordance with claim 103 wherein the information from the POS database is automatically imported into the system.

106. (Previously Presented) The information management and real time synchronous communications system in accordance with claim 103, wherein the said Hospitality Applications include at least reservations applications.

107. (Previously Presented) The information management and real time synchronous communications system in accordance with claim 103, wherein the said Hospitality Applications include at least a Ticketing applications.

108. (Cancelled)

109. (Cancelled)

Art Unit: 2191

110. (Cancelled)

111. (Cancelled)

112. (Cancelled)

113.(Cancelled)

114. (Cancelled)

115. (Previously Presented) The information management and real time synchronous communications system in accordance with claim 103 in which the wireless handheld computing device is a smart phone.

116. (Previously Presented) The information management and real time synchronous communications system in accordance with claim 103, further enabled to facilitate and complete payment processing directly from the wireless handheld computing device including: a) Billing; b) Status and c) Payment Information.

117. (Previously Presented) The information management and real time synchronous communications system in accordance with claim 103, wherein one or more of the layout, views or fonts of the programmed handheld menu configuration are created in conformity with the display screen parameters of the wireless handheld computing device and wherein the system is enabled to generate a view of the programmed handheld menu configuration for user preview from the central computing unit and which facilitates a further user manual modification prior to the transmissions of

Art Unit: 2191

the programmed handheld menu configuration to the wireless handheld computing device.

118. (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, said operating system configured to interoperate with the central processing unit, the data storage device and application software;
- d) a master menu including menu categories and menu items, 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) a modifier menu capable of being stored on said data storage device, and menu configuration software enabled to automatically generate a programmed handheld menu configuration from said master menu 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 categories and items of the master menu and modifiers from the modifier menu at least the menu

Art Unit: 2191

categories, menu items and modifiers comprising the programmed handheld menu configuration are synchronized in real time with analogous information comprising the master and modifier menus wherein the menu configuration software is further enabled to generate the programmed handheld menu configuration in conformity with ~~display screen parameters~~ a customized display layout 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~~ customized display layout is compatible with 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 cascaded sets of linked graphical user interface screens appropriate for the ~~display screen parameters~~ customized display layout of the wireless handheld computing device, wherein said cascaded sets of linked graphical user interface screens for display of the programmed handheld menu configuration are configured differently from the cascaded sets of related 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 at least the menu categories, menu items and modifiers comprising the programmed handheld

Art Unit: 2191

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 to automatically format the programmed handheld menu configuration for display as cascaded sets of linked graphical user interface screens appropriate for a customized display layout of at least two different wireless handheld computing device display sizes in the same connected system, and

wherein a cascaded set of linked graphical user interface screens for a wireless handheld computing device in the system includes a different number of user interface screens from at least one other wireless handheld computing device in the system.

Art Unit: 2191

119. (Previously Presented) The information management and real time synchronous communications system in accordance with claim 118, further including a communications systemic relationship 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

120. (Previously Presented) The information management and real time synchronous communications system in accordance with claim 118, wherein at least two different hospitality software applications are integrated between and with one another.

121. (Previously Presented) The information management and real time synchronous communications system in accordance with claim 118, wherein the system enables automatic importation of the POS database information into the system.

Art Unit: 2191

122. (Currently Amended) An information management and real time synchronous communications system for use with wireless handheld computing devices and the internet comprising:

a) a master database connected in said system and configured to store hospitality application information pursuant to a master database file structure;

b) at least one wireless handheld computing device connected in said system and configured to display said hospitality application information;

c) at least one web server connected in said system ~~and configured to display said hospitality application information;~~

d) at least one web page connected in said system and configured to display said hospitality application information; and

e) real time communications control software enabled to link and synchronize hospitality application information simultaneously between the master database, wireless handheld computing device, web server and web page,

wherein the communications control software is enabled to utilize parameters from the master database file structure to synchronize the hospitality application information in real time between the master database, at least one wireless handheld computing device, at least one web server and at least one web page such that substantially the same information comprising the hospitality application information is capable of being displayed on the wireless handheld computing device, at least one web page and other display screens of the synchronized system, such that the hospitality application information is synchronized between any connected users,

Art Unit: 2191

wherein the communications control software is enabled to act as a real time interface between the elements of the system and any applicable communications protocol,

wherein the communications control software is enabled to automatically and simultaneously configure the hospitality application information for display on both the wireless handheld computing device and the web page in conformity with ~~display screen parameters~~ a customized display layout unique to the wireless handheld computing device or the web page, wherein said ~~display screen parameters~~ comprise at least customized display layout is compatible with the displayable size of the handheld computing device display screen or the web page, and

wherein the communications control software is further enabled to automatically format a programmed handheld configuration for display as cascaded sets of linked graphical user interface screens appropriate for a customized display layout of at least two different wireless handheld computing device display sizes in the same connected system, and

wherein a cascaded set of linked graphical user interface screens for a wireless handheld computing device in the system includes a different number of user interface screens from at least one other wireless handheld computing device in the system, and

wherein the system is enabled for real time synchronous transmission of the configured hospitality application information to the wireless handheld computing device, the web server and the web page and real time synchronous transmissions of

Art Unit: 2191

inputs responding to the configured hospitality application information from the wireless handheld computing device, or the web server or the web page.

123. (Previously Presented) The information management and real time synchronous communications system in accordance with claim 122, further including a communications systemic relationship 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.

124. (Previously Presented) The information management and real time synchronous communications system of claim 122, wherein the system is enabled to automatically import the information from the POS (point of sale) database into the system.

125. (Previously Presented) . The information management and real time synchronous communications system of claim 122, wherein at least two different hospitality applications are integrated between and with one another.

126. (Previously Presented) The information management and real time synchronous communications system in accordance with claim 122, wherein the hospitality application information also includes the completion of payment processing.

Art Unit: 2191

127. (Previously Presented) The information management and real time synchronous communications system in accordance claim 122, wherein the configured wireless handheld computing device is a smart phone.

Art Unit: 2191

Reasons for Allowance

2. The following is an examiner's statement of reasons for allowance:

None of the prior art on the record, alone or in reasonable combination teach the limitations:

wherein the system is further enabled to automatically format the programmed handheld menu configuration for display as cascaded sets of linked graphical user interface screens appropriate for a customized display layout of at least two different wireless handheld computing device display sizes in the same connected system, and

wherein a cascaded set of linked graphical user interface screens for a wireless handheld computing device in the system includes a different number of user interface screens from at least one other wireless handheld computing device in the system.

When combined with the other limitations of claim 103, 118 and 122. Specifically in these independent claims, the menu generation software and hospitality applications, in the context of the claimed system, which automatically create programmed handheld menu configuration displayed as cascaded sets of graphical user interface screens for at least two different display sizes and including at least two cascaded sets of GUIs with disparate screen counts is not found in the prior art as of the priority date September 21, 1999. No prior art of record, nor any obvious combination to teaches all limitations of the newly amended independent claims.

The previously applied prior art, Micro's '97, USPN 6,300,947 and USPN 5,974,238 do not teach or render obviously the newly amended claim limitations.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

Art Unit: 2191

accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MATTHEW BROPHY whose telephone number is (571)270-1642. The examiner can normally be reached on Monday-Thursday 8:00AM-5:00 PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wei Zhen can be reached on (571) 272-3708. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information

Application/Control Number: 11/112,990

Page 19

Art Unit: 2191

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

MJB

12/16/2011

/Lewis A Bullock, Jr./

Supervisory Patent Examiner, Art Unit 2193

Doc code: IDS
 Doc description: Information Disclosure Statement (IDS) Filed

Approved for use through 07/31/2012, OMB 0651-0031
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | |
|--|------------------------|-------------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | 11112990 |
| | Filing Date | 2005-04-22 |
| | First Named Inventor | McNally, Keith R. |
| | Art Unit | 2191 |
| | Examiner Name | Brophy, Matthew |
| | Attorney Docket Number | 1004283.005 US |


| U.S. PATENTS | | | | | | | | |
|--|---------|---|----------------------------|------------------------|---|--|--|--------------------------|
| Examiner Initial* | Cite No | Patent Number | Kind Code ¹ | Issue Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear | | |
| | 1 | | | | | | | |
| If you wish to add additional U.S. Patent citation information please click the Add button. | | | | | | | | |
| U.S. PATENT APPLICATION PUBLICATIONS | | | | | | | | |
| Examiner Initial* | Cite No | Publication Number | Kind Code ¹ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear | | |
| | 1 | | | | | | | |
| If you wish to add additional U.S. Published Application citation information please click the Add button. | | | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | | |
| Examiner Initial* | Cite No | Foreign Document Number ² | Country Code ²ⁱ | Kind Code ⁴ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear | T ⁵ |
| | 1 | | | | | | | <input type="checkbox"/> |
| If you wish to add additional Foreign Patent Document citation information please click the Add button. | | | | | | | | |
| NON-PATENT LITERATURE DOCUMENTS | | | | | | | | |
| Examiner Initials* | Cite No | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published. | | | | | T ⁵ | |

EFS Web 2.1.17

| | | |
|---|------------------------|-------------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | 11112990 |
| | Filing Date | 2005-04-22 |
| | First Named Inventor | McNally, Keith R. |
| | Art Unit | 2191 |
| | Examiner Name | Brophy, Matthew |
| | Attorney Docket Number | 1004293.005 US |

| | | | |
|--|-------------------------------|--|----------------------------|
| /M.B./ | 1 | Judgment on Jury Verdict, Sept. 21, 2010, Ameranth, Inc. v. Menusoft Systems Corp. and Cash Register Sales & Service of Houston, Inc., Case No. 2:07-CV-271-CE (E.D. Tex.) | <input type="checkbox"/> |
| /M.B./ | 2 | Plaintiff's Final Trial Exhibit List, Ameranth, Inc. v. Menusoft Systems Corp. and Cash Register Sales & Service of Houston, Inc., Case No. 2:07-CV-271-CE (E.D. Tex.) | <input type="checkbox"/> |
| /M.B./ | 3 | Defendants' Final Trial Exhibit List, Ameranth, Inc. v. Menusoft Systems Corp. and Cash Register Sales & Service of Houston, Inc., Case No. 2:07-CV-271-CE (E.D. Tex.) | <input type="checkbox"/> |
| If you wish to add additional non-patent literature document citation information please click the Add button | | | |
| EXAMINER SIGNATURE | | | |
| Examiner Signature | /Matthew Brophy/ (12/16/2011) | | Date Considered 12/16/2011 |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | |
| <small>¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.</small> | | | |

EFS Web 2.1.17

| | | |
|---|--|--|
| Index of Claims  | Application/Control No. 11112990 | Applicant(s)/Patent Under Reexamination MCNALLY ET AL. |
| | Examiner MATTHEW BROPHY | Art Unit 2191 |

| | |
|---|-----------------|
| ✓ | Rejected |
| = | Allowed |


| | |
|---|-------------------|
| - | Cancelled |
| ÷ | Restricted |

| | |
|---|---------------------|
| N | Non-Elected |
| I | Interference |

| | |
|---|-----------------|
| A | Appeal |
| O | Objected |

Claims renumbered in the same order as presented by applicant
 CPA
 T.D.
 R.1.47

| CLAIM | | DATE | | | | | | | |
|-------|----------|------------|------------|------------|------------|------------|------------|--|--|
| Final | Original | 03/07/2008 | 08/15/2008 | 12/08/2008 | 04/11/2009 | 01/08/2010 | 12/16/2011 | | |
| 1 | 103 | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| 2 | 104 | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| 3 | 105 | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| 4 | 106 | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| 5 | 107 | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 108 | ✓ | ✓ | ✓ | ✓ | ✓ | - | | |
| | 109 | ✓ | ✓ | ✓ | ✓ | ✓ | - | | |
| | 110 | ✓ | ✓ | ✓ | ✓ | ✓ | - | | |
| | 111 | ✓ | ✓ | ✓ | - | - | - | | |
| | 112 | ✓ | ✓ | ✓ | - | - | - | | |
| | 113 | ✓ | ✓ | ✓ | - | - | - | | |
| | 114 | ✓ | ✓ | ✓ | - | - | - | | |
| 6 | 115 | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| 7 | 116 | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| 8 | 117 | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| 9 | 118 | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| 10 | 119 | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| 11 | 120 | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| 12 | 121 | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| 13 | 122 | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| 14 | 123 | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| 15 | 124 | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| 16 | 125 | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| 17 | 126 | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| 18 | 127 | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |

| | | |
|--|--|--|
| Search Notes  | Application/Control No. 11112990 | Applicant(s)/Patent Under Reexamination MCNALLY ET AL. |
| | Examiner MATTHEW J BROPHY | Art Unit 2191 |

| SEARCHED | | | |
|-----------------|--|-------------|-----------------|
| Class | Subclass | Date | Examiner |
| 715 | 810-845 (Text Searched) | 3/16/2010 | MJB |
| 717 | 107-109, 168-178 (Text Searched) | 3/16/2010 | MJB |
| 705 | 15-25 (Text Searched) | 3/16/2010 | MJB |
| 707 | 610-621 (Text Searched) | 3/16/2010 | MJB |
| 715 | 810-845 (Updated - Text Searched) | 1/17/2012 | MJB |
| 717 | 107-109, 168-178 (Updated - Text Searched) | 1/17/2012 | MJB |
| 705 | 15-25 (Updated - Text Searched) | 1/17/2012 | MJB |
| 707 | 610-621 (Updated - Text Searched) | 1/17/2012 | MJB |

| SEARCH NOTES | | |
|----------------------------------|-------------|-----------------|
| Search Notes | Date | Examiner |
| See EAST search History | 1/19/2012 | MJB |
| inventor search in EDAN | 12/16/2011 | MJB |
| NPL (Google Scholar, ACM, IEEE) | 12/16/2011 | MJB |
| See Attached EIC Search Strategy | 1/18/2012 | MJB |

| INTERFERENCE SEARCH | | | |
|----------------------------|---------------------------|-------------|-----------------|
| Class | Subclass | Date | Examiner |
| 717 | 177 (US PG Pubs Searched) | 12/16/2011 | MJB |

| | |
|--|--|
| /MATTHEW J BROPHY/ Examiner.Art Unit 2191 | |
|--|--|

Patent abstract files

13/69,K/4 (Item 3 from file: 350)
 DIALOG(R)File 350: Derwent WPIX
 (c) 2012 Thomson Reuters. All rights reserved.

0015231756 *Drawing available*
 WPI Acc no: 2005-581820/200559
 XRPX Acc No: N2005-477428

Restaurant/bar management system updates local copy of menu of items available at restaurant/bar stored in client terminals, in accordance with changes made in master menu copy at server, automatically

Patent Assignee: JONES M (JONE-I); PALVIA G (PALV-I)
 Inventor: JONES M; PALVIA G

| Patent Family (1 patents, 1 countries) | | | | | | | |
|--|------|----------|--------------------|------|----------|--------|------|
| Patent Number | Kind | Date | Application Number | Kind | Date | Update | Type |
| US 20050182680 | A1 | 20050818 | US 2004779803 | A | 20040217 | 200559 | B |

Priority Applications (no., kind, date): US 2004779803 A 20040217

Alerting Abstract US A1

NOVELTY - The client terminals such as wireless handheld unit or stationary touch-screen unit are programmed to **synchronize** the local copy of the menu of items available at the restaurant or bar, with the **master menu** copy stored at a server, so that the local copy of the menu is automatically updated in accordance with the changes made in the master copy at the server computer.

DESCRIPTION - An INDEPENDENT CLAIM is also included for restaurant/bar management method.

USE - For updating of menu of items such as chicken pasta, vegetables and rice in restaurant/bar through networks such as internet.

ADVANTAGE - Provides instantaneously updated knowledge about the state of the restaurant item menu to the waiters, waitresses and bartenders automatically and efficiently.

DESCRIPTION OF DRAWINGS - The figure shows a schematic view of the restaurant/bar management system.

Class Codes

| International Patent Classification | | | | | |
|-------------------------------------|-------------|-------|----------|--------|--------------|
| IPC | Class Level | Scope | Position | Status | Version Date |
| | | | | | |

| | | | | | |
|--------------|---|---|--|---|----------|
| G06Q-0030/00 | A | I | | R | 20060101 |
| G06Q-0030/00 | C | I | | R | 20060101 |

ECLA: G06Q-030/00

US Classification, Current Main: 705-015000

US Classification, Issued: 70515

File Segment: EPI;

DWPI Class: T01; T04; T05; W04

Manual Codes (EPI/S-X): T01-C02B1; T01-J12B; T01-M06A1A; T01-N01A2A; T01-N01A2C; T01-N01D; T04-F02A2; T05-H02D; T05-L01D; T05-L01X; W04-X03G4

Alerting Abstract ...NOVELTY - The client terminals such as wireless handheld unit or stationary touch-screen unit are programmed to **synchronize** the local copy of the menu of items available at the restaurant or bar, with the **master menu** copy stored at a server, so that the local copy of the menu is automatically updated in accordance with the changes made in the master...

13/69,K/5 (Item 4 from file: 350)

DIALOG(R)File 350: Derwent WPIX

(c) 2012 Thomson Reuters. All rights reserved.

0013775883 *Drawing available*

WPI Acc no: 2003-875192/200381

XRPX Acc No: N2003-698803

Restaurant management system, has server desk terminal that displays order requests, service requests and service status

Patent Assignee: GE L (GELL-I); GE R (GERR-I); YANG C (YANG-I)

Inventor: GE L; GE R; YANG C

| Patent Family (1 patents, 1 countries) | | | | | | | |
|--|------|----------|--------------------|------|----------|--------|------|
| Patent Number | Kind | Date | Application Number | Kind | Date | Update | Type |
| US 20030182209 | A1 | 20030925 | US 2002104187 | A | 20020325 | 200381 | B |

Priority Applications (no., kind, date): US 2002104187 A 20020325

Alerting Abstract US A1

NOVELTY - The system has a server (107) that sends and receives messages from participating terminals, and generates dynamic graphic and text menu interface.

Electronic assistant terminals with wireless network connection display the graphic and text menu interface, sending order and serviced requests, and listing service status. A service desk terminal (102) displays order requests, service requests and service status.

DESCRIPTION - An INDEPENDENT CLAIM is also included for a method of operating a restaurant management system.

USE - Used for restaurants.

ADVANTAGE - The system takes care of all the customer requirements simply and inexpensively, making he customers feel comfortable and convenient when they are enjoying food and at the same time the system enhances the efficiency and profitability of restaurants.

DESCRIPTION OF DRAWINGS - The drawing shows a hardware and functional block diagram of a server computer.

101Assistant terminals

102Service desk terminal

103Kitchen terminal

105Cashier terminal

107Server.

Class Codes

| International Patent Classification | | | | | |
|-------------------------------------|-------------|-------|----------|--------|--------------|
| IPC | Class Level | Scope | Position | Status | Version Date |
| G06Q-0030/00 | A | I | | R | 20060101 |
| H04L-0029/06 | A | I | | R | 20060101 |
| H04L-0029/08 | A | N | | R | 20060101 |
| G06Q-0030/00 | C | I | | R | 20060101 |
| H04L-0029/06 | C | I | | R | 20060101 |
| H04L-0029/08 | C | N | | R | 20060101 |

ICO: T04L-029:08A7

US Classification, Current Main: 705-015000

US Classification, Issued: 70527

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-N01A2A; T01-N01D; T01-N03A1

Original Publication Data by AuthorityArgentina**Publication No. ...Original**

Abstracts:request, order entry and management system used in restaurant comprises of a central server, Electronic Assistant Terminals (EAT) and service location terminals. The central server **synchronizes** the **menu** display, **dispatches** service requests and order entries to appropriate service locations, including kitchen, cashier, service desk and bar. All the information related to sales and requests are...

16/69,K/1 (Item 1 from file: 350)

DIALOG(R)File 350: Derwent WPIX

(c) 2012 Thomson Reuters. All rights reserved.

0022450804 *Drawing available*

WPI Acc no: 2011-L63943/201164

Intelligent restaurant system, has restaurant management server receiving three lines of data, and restaurant web server sending restaurant operation state information or guest serving information to Internet to prepare for scanning

Patent Assignee: GUO X (GUOX-I)

Inventor: GUO X

| Patent Family (1 patents, 1 countries) | | | | | | | |
|--|------|----------|--------------------|------|----------|--------|------|
| Patent Number | Kind | Date | Application Number | Kind | Date | Update | Type |
| CN 102156915 | A | 20110817 | CN 201110078966 | A | 20110330 | 201164 | B |

Priority Applications (no., kind, date): CN 201110078966 A 20110330

Alerting Abstract CN A

NOVELTY - The system has a restaurant management server receiving three lines of data. The restaurant management server sends guest serving information to a restaurant guest service terminal. The restaurant management server sends restaurant operation state information or the guest serving information to a restaurant web server. The restaurant web server receives the restaurant operation state information or the guest serving information. The restaurant web server sends the restaurant operation state information or the guest serving information to the Internet to prepare for scanning.

USE - Intelligent restaurant system.

ADVANTAGE - The system automatically realizes managing platform combining guest order, restaurant internal advertising and network advertising, thus improving service quality, enlarging enterprise influence and saving manpower cost.

DESCRIPTION OF DRAWINGS - The drawing shows a block diagram of an intelligent restaurant system. '(Drawing includes non-English language text)'

Class Codes

| International Patent Classification | | | | | |
|-------------------------------------|-------------|-------|----------|--------|--------------|
| IPC | Class Level | Scope | Position | Status | Version Date |
| G06Q-0010/00 | A | I | F | | 20060101 |
| G06Q-0030/00 | A | I | L | | 20060101 |
| G06Q-0050/00 | A | I | L | | 20060101 |

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-N01A2; T01-N01D3; T01-N02B1E; T01-N02B5

Original Publication Data by Authority Argentina **Publication No. ...Claims:**one of guest

ordered dishes information, guest seat position information, table sharing guest information, guest consumption bill information, member checking information, member serving information, terminal **menu synchronization** information and terminal operation state adjusting information; the **restaurant** operation state information comprises at least one of a dish marketing statistics information and a dish evaluating information...
 ...situations: A, the dish data comprises the guest dish ordering data; the restaurant management server determines the guest consumption bill information according to the guest **menu** ordering data and the presupposed **restaurant** dish price data; at the same time, the restaurant management server saves the guest consumption bill information of each consumption of the restaurant member in...information management data; (6) the terminal operation data comprises a terminal distinguish marking; the dish data comprises the terminal existing menu data; the terminal existing **menu** data comprises at least one of coding data, name data, bar code data, picture data, voice data or video data of the **menu**; the guest serving information comprises terminal **menu synchronization** information; the **restaurant** management server determines the terminal **menu synchronization** information which aims at the **restaurant** service terminal according to the terminal distinguish marking, the terminal existing **menu** data and the presupposed update-waiting dish data on the **restaurant** management server; (7), the terminal operation data comprises the terminal distinguish marking and terminal operation state data; the guest serving information comprises the terminal operation... ..server sends the member checking information to the restaurant guest service terminal and controls the restaurant guest service terminal informing the repast guest; (4), the **restaurant** management server sends the terminal **menu** synchronization information to the **restaurant** guest service terminal and controls the **restaurant** guest service terminal updating the terminal existing **menu** data; (5), the **restaurant** management server sends the terminal operation state adjusting information to the restaurant guest service terminal and controls the restaurant guest service terminal adjusting the operation...

16/69,K/2 (Item 2 from file: 350)
 DIALOG(R)File 350: Derwent WPIX
 (c) 2012 Thomson Reuters. All rights reserved.

0019478744 *Drawing available*
 WPI Acc no: 2009-N45683/200961

Computer-implemented customer-operated ordering kiosk system integrating method for e.g. fast food restaurant, involves transmitting determined point-of-sale stock keeping unit values to point-of-sale system

Patent Assignee: EMN8 INC (EMNE-N)
 Inventor: SILVA J

| Patent Family (1 patents, 1 countries) | | | | | | | |
|--|------|----------|--------------------|------|----------|--------|------|
| Patent Number | Kind | Date | Application Number | Kind | Date | Update | Type |
| US 20090228836 | A1 | 20090910 | US 2008167047 | A | 20080702 | 200961 | B |
| | | | US 200833681 | P | 20080304 | | |

| | | | | |
|--|--|--------------|---|----------|
| | | US 200852564 | P | 20080512 |
|--|--|--------------|---|----------|

Priority Applications (no., kind, date): US 200833681 P 20080304; US 200852564 P 20080512; US 2008167047 A 20080702

Alerting Abstract US A1

NOVELTY - The method involves receiving a customer input selection of a product to order at a kiosk system by receiving a product selection, and accessing a kiosk database to identify available product modifications. A kiosk stock keeping unit (SKU) value is determined based on the input selection. SKU mapping data is accessed to determine point-of-sale (POS) SKU values indicative of the input selection by parsing an XML-based mapping document. The determined POS SKU values are transmitted to the POS system. A drill down menu flow is provided to receive a customer input.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1. a customer-operated kiosk ordering system for use in a quick service restaurant environment comprising an ordering application to provide a customer-operated ordering input interface
2. a computer-readable medium having computer-executable instructions to perform a method for integrating a customer-operated ordering kiosk system with a point-of-sale system.

USE - Computer-implemented method for integrating a customer-operated ordering kiosk system with a point-of-sale (POS) system in a quick service restaurant (QSR) environment e.g. fast food restaurant, which provides a counter service food e.g. hamburger, to customers.

ADVANTAGE - The method enables a single customer-operated kiosk quick service **restaurant** ordering system **menu** application to be easily integrated with any number of different back-office point-of-sale system implementations without compromising on **menu** design and customer user interface experience. The method allows kiosk-based ordering environment to easily maintain price and **menu synchronization** with multiple point-of-sale systems. The method allows the customer-based quick service restaurant ordering kiosk system to be interfaced with any type of back-office point-of-sale system without requiring changes in code, menu, or menu layout provided in the kiosk environment.

DESCRIPTION OF DRAWINGS - The drawing shows a screenshot of a menu flow for a kiosk system.

- 402 Button graphics
- 406 Cancel order button
- 408 Remove item button
- 410 Complete order button
- 412 Back button

Class Codes

| |
|-------------------------------------|
| International Patent Classification |
|-------------------------------------|

| IPC | Class Level | Scope | Position | Status | Version Date |
|---------------|-------------|-------|----------|--------|--------------|
| G06F-0017/30 | A | I | F | B | 20060101 |
| G06F-0003/048 | A | I | L | B | 20060101 |
| G06F-0017/30 | C | I | | B | 20060101 |
| G06F-0003/048 | C | I | | B | 20060101 |

ECLA: G06Q-030/00C2, G07G-001/00C2, G07G-001/14B

US Classification, Current Main: 715-841000; Secondary: 707-999104, 707-999107, 707-E17009

US Classification, Issued: 715841, 707104.1, 707E17.009

File Segment: EPI;

DWPI Class: T01; T05

Manual Codes (EPI/S-X): T01-E01B; T01-E03; T01-J05A1; T01-J05B4P; T01-J11A1; T01-J12B; T01-S03; T05-L01D

Alerting Abstract ... ADVANTAGE - The method enables a single customer-operated kiosk quick service **restaurant** ordering system **menu** application to be easily integrated with any number of different back-office point-of-sale system implementations without compromising on **menu** design and customer user interface experience. The method allows kiosk-based ordering environment to easily maintain price and **menu synchronization** with multiple point-of-sale systems. The method allows the customer-based quick service restaurant ordering kiosk system to be interfaced with any type of...
Original Publication Data by Authority Argentina Publication No. Original Abstracts:
Disclosed embodiments provide the ability to create a single customer-operated kiosk quick service **restaurant** ordering system **menu** application which may be easily integrated with any number of different back office point of sale system implementations without compromising menu design and the customer...

16/69,K/4 (Item 4 from file: 350)

DIALOG(R)File 350: Derwent WPIX

(c) 2012 Thomson Reuters. All rights reserved.

0018084910 *Drawing available*

WPI Acc no: 2008-K05239/200859

XRPX Acc No: N2008-729688

Display synchronizing system for managing restaurant dining service, has server delivering menus to communicator, and terminal receiving food supply data, where server generates menu updates from data for delivery to communicator

Patent Assignee: NCR CORP (NATC)

Inventor: BENSON C M

| Patent Family (1 patents, 1 countries) | | | | | | | |
|--|------|------|--------------------|------|------|--------|------|
| Patent Number | Kind | Date | Application Number | Kind | Date | Update | Type |

| | | | | | | | |
|------------|----|----------|---------------|---|----------|--------|---|
| US 7418413 | B1 | 20080826 | US 2002109205 | A | 20020328 | 200859 | B |
|------------|----|----------|---------------|---|----------|--------|---|

Priority Applications (no., kind, date): US 2002109205 A 20020328

Alerting Abstract US B1

NOVELTY - The system has a patron communicator displaying course menus, and a server (14) for delivering the menus to the communicator for display at the communicator. The display of the menus is in response to an attendant service signal received from an attendant service indicator (28). A kitchen terminal (20) receives **food** supply data, where the server generates **menu** updates from the data for delivery to the communicator. The indicator is a wireless transmitter (38) for generating a service signal when activated, and includes an encoder (34) for encoding an identifier in the generated signal.

USE - System for **synchronizing** a display of a course **menu** with a progress of a meal for managing a **restaurant** dining service.

ADVANTAGE - The system provides a leisurely dining experience that allows the patrons to place orders without having a server to be present at a table, facilitates timely interaction between the patrons and servers, enables the patrons to participate in the scheduling of preparation and delivery of orders and displays food specials in a manner that coincides with interest in a particular course of the meal.

DESCRIPTION OF DRAWINGS - The drawing shows a block diagram of a system that is used to display course **menus** to patrons in **synchronization** with the progress of a meal.

14 Server

16 Computer communication network

20 Kitchen terminal

24 Service terminal

28 Attendant service indicator

30 Advertising database

34 Encoder

38 Wireless transmitter

Class Codes

| International Patent Classification | | | | | |
|-------------------------------------|-------------|-------|----------|--------|--------------|
| IPC | Class Level | Scope | Position | Status | Version Date |
| G06F-0017/30 | A | I | F | B | 20060101 |
| G06Q-0030/00 | A | I | L | B | 20060101 |
| G06F-0017/30 | C | I | F | B | 20060101 |
| G06Q-0030/00 | C | I | L | B | 20060101 |

ECLA: G06Q-050/00E

US Classification, Current Main: 705-027000; Secondary: 705-015000

US Classification, Issued: 70527, 70515

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-D02; T01-J05B4P; T01-N01A; T01-N01D3; T01-N02A2; T01-N02B2B

Display synchronizing system for managing restaurant dining service, has server delivering menus to communicator, and terminal receiving food supply data, where server generates menu updates from data for delivery to communicator Original

Titles: System and method for **synchronizing restaurant menu** display with progress through a meal **Alerting Abstract** ... The display of the menus is in response to an attendant service signal received from an attendant service indicator (28). A kitchen terminal (20) receives **food** supply data, where the server generates **menu** updates from the data for delivery to the communicator. The indicator is a wireless transmitter (38) for generating a service signal when activated, and includes... USE - System for **synchronizing** a display of a course **menu** with a progress of a meal for managing a **restaurant** dining serviceDESCRIPTION OF DRAWINGS - The drawing shows a block diagram of a system that is used to display course **menus** to patrons in **synchronization** with the progress of a meal... Original Publication Data by

Authority Argentina **Publication No. Original Abstracts:** A system and method monitor the progress of a meal and provide course **menus** in **synchronization** with the monitored progress of the meal. The system includes a **menu** application for retrieving course **menus** and sending them to a patron communicator located at a table in a **restaurant**. The patron communicator displays the course **menu** for viewing by the patrons seated at a table. When an attendant receives orders from the patrons, an attendant service indicator is activated to provide... **Claims:** What is claimed is: 1. A system for **synchronizing** the display of a course **menu** with the progress of a meal comprising: a patron communicator for displaying course **menus**; an attendant service indicator; a server for delivering course **menus** to the patron communicator for display at the patron communicator, the display of the course menus being in response to an attendant service signal received from the attendant service indicator; and a kitchen terminal for receiving **food** supply data; wherein the server generates **menu** updates from the **food** supply data for delivery to the patron communicator.

16/69,K/5 (Item 5 from file: 350)

DIALOG(R)File 350: Derwent WPIX

(c) 2012 Thomson Reuters. All rights reserved.

Your applicant

0016155447 *Drawing available*

WPI Acc no: 2006-687076/200671

Related WPI Acc No: 2001-397509; 2005-648095; 2006-075501; 2006-134386

XRPX Acc No: N2006-543711

Information management and synchronous communications system for use with Internet, has communication control module for interface between informational session applications and communications protocol

Patent Assignee: MCNALLY K R (MCNA-I)

Inventor: MCNALLY K R

| Patent Family (1 patents, 1 countries) | | | | | | | |
|--|------|----------|--------------------|------|----------|--------|------|
| Patent Number | Kind | Date | Application Number | Kind | Date | Update | Type |
| US 20060195510 | A1 | 20060831 | US 1999400413 | A | 19990921 | 200671 | B |
| | | | US 200116517 | A | 20011101 | | |
| | | | US 2005112990 | A | 20050422 | | |
| | | | US 2005190633 | A | 20050726 | | |
| | | | US 2006352126 | A | 20060210 | | |

Priority Applications (no., kind, date): US 1999400413 A 19990921; US 200116517 A 20011101; US 2005112990 A 20050422; US 2005190633 A 20050726; US 2006352126 A 20060210

Alerting Abstract US A1

NOVELTY - The system has a communications control module, where applications and data are synchronized between a central data base, a wireless handheld computing device, a Web server and a Web page. An graphical user interface (1) enables integration of outside applications with informational session applications, where the control module is an interface between the informational session applications and communications protocol.

DESCRIPTION - An INDEPENDENT CLAIM is also included for an information management and synchronous communications method.

USE - Used with a wireless handheld computing devices and Internet.

ADVANTAGE - The communication control module is the interface between the informational session applications and communications protocol, thus facilitating user-friendly and efficient generation of computerized menus that utilize equipment with non-PC-standard graphical formats, and display sizes.

DESCRIPTION OF DRAWINGS - The drawing shows a schematic representation of a window displayed on a computer display screen which shows a hierarchical tree menu, modifier window and sub-modifier window.

- 1 Graphical user interface
- 2 Hierarchical tree structure
- 3 Menu categories
- 4 Menu items
- 6 Menu sub-modifiers

Class Codes

| International Patent Classification | | | | | |
|-------------------------------------|-------------|-------|----------|--------|--------------|
| IPC | Class Level | Scope | Position | Status | Version Date |

| | | | | | |
|--------------|---|---|---|---|----------|
| G06F-0015/16 | A | I | F | B | 20060101 |
| G06F-0015/16 | C | I | F | B | 20060101 |

ICO: T04W-002:00, T04W-052:02
US Classification, Current Main: 709-203000
US Classification, Issued: 709203
 File Segment: EPI;
 DWPI Class: T01; W05
 Manual Codes (EPI/S-X): T01-N02A1; W05-A04C; W05-A05A

Original Publication Data by Authority Argentina **Publication No. Original**
Abstracts: An information management and synchronous communications system and method facilitates database equilibrium and **synchronization** with wired, wireless and Web-based systems, user-friendly and efficient generation of computerized **menus** and reservations with handwritten/voice modifications for **restaurants**, enrollment sessions, and other applications that utilize equipment with nonstandard graphical formats, display sizes and/or applications for use in remote data entry, information management...

16/69,K/6 (Item 6 from file: 350)
 DIALOG(R)File 350: Derwent WPIX
 (c) 2012 Thomson Reuters. All rights reserved.

your applicant

0015570225 *Drawing available*
 WPI Acc no: 2006-134386/200614
 Related WPI Acc No: 2001-397509; 2005-648095; 2006-075501; 2006-687076
 XRPX Acc No: N2006-116432

Information management and synchronous communication system for use with e.g. pager, has application program interface enabling integration of outside applications with hospitality applications via communications control module

Patent Assignee: MCNALLY K R (MCNA-I)

Inventor: MCNALLY K R

| Patent Family (1 patents, 1 countries) | | | | | | | |
|--|------|----------|--------------------|------|----------|--------|------|
| Patent Number | Kind | Date | Application Number | Kind | Date | Update | Type |
| US 20060020497 | A1 | 20060126 | US 1999400413 | A | 19990921 | 200614 | B |
| | | | US 200116517 | A | 20011101 | | |
| | | | US 2005112990 | A | 20050422 | | |
| | | | US 2005190633 | A | 20050726 | | |

Priority Applications (no., kind, date): US 1999400413 A 19990921; US 200116517 A 20011101; US 2005112990 A 20050422; US 2005190633 A 20050726

Alerting Abstract US A1

NOVELTY - The system has a central database containing hospitality applications. A computing device performs automated telephone calls employing voice synthesis with individuals in a restaurant. An application program interface enables integration of outside applications with the hospitality applications via a communications control module which is an interface between the hospitality applications and communications protocol.

USE - Used with a computing device e.g. digital wireless messenger, pager, portable laptop and personal digital assistant (PDA) and Internet, to generate a computerized **menu** in a hospitality industry e.g. **restaurant**.

ADVANTAGE - The application program interface enables integration of outside applications with the hospitality applications via the communications control module, thus facilitating user-friendly and efficient generation of the computerized menus in a simple manner, and enabling automatic updation of the database.

DESCRIPTION OF DRAWINGS - The drawing shows an exemplary system diagram relating to the information management and synchronous communication system.

Class Codes

| International Patent Classification | | | | | |
|-------------------------------------|-------------|-------|----------|--------|--------------|
| IPC | Class Level | Scope | Position | Status | Version Date |
| G06Q-0010/00 | A | I | F | B | 20060101 |
| G06Q-0010/00 | C | I | L | B | 20060101 |

ICO: T04M-201:60

US Classification, Current Main: 705-005000

US Classification, Issued: 7055

File Segment: EPI;

DWPI Class: T01; W04

Manual Codes (EPI/S-X): T01-C07A; T01-C08A; T01-J20B1; W04-V04C

Alerting Abstract USE - Used with a computing device e.g. digital wireless messenger, pager, portable laptop and personal digital assistant (PDA) and Internet, to generate a computerized **menu** in a hospitality industry e.g. **restaurant**. Original Publication Data by Authority Argentina **Publication No. Original Abstracts:** An information management and synchronous communications system and method facilitates database equilibrium and **synchronization** with wired, wireless and Web-based systems, user-friendly and efficient generation of computerized **menus** and reservations with **handwritten**/voice modifications for **restaurants** and other applications **that** utilize equipment with nonstandard graphical formats, display sizes and/or applications for use in remote data entry, information management and communication with host computer, digital...

16/69,K/7 (Item 7 from file: 350)

DIALOG(R)File 350: Derwent WPIX

(c) 2012 Thomson Reuters. All rights reserved.

Your applicants

0015511358 *Drawing available*

WPI Acc no: 2006-075501/200608

Related WPI Acc No: 2001-397509; 2005-648095; 2006-134386; 2006-687076

XRPX Acc No: N2006-065375

Information management and synchronous communication system for generating computerized menu, facilitates generation of menu by allowing selection of categories and items from preset menu

Patent Assignee: AMERANTH WIRELESS INC (AMER-N)

Inventor: MCNALLY K R; ROGERS K; RUBIN P

| Patent Family (1 patents, 1 countries) | | | | | | | |
|--|------|----------|--------------------|------|----------|--------|------|
| Patent Number | Kind | Date | Application Number | Kind | Date | Update | Type |
| US 6982733 | B1 | 20060103 | US 1999400413 | A | 19990921 | 200608 | B |
| | | | US 200116517 | A | 20011101 | | |

Priority Applications (no., kind, date): US 1999400413 A 19990921; US 200116517 A 20011101

Alerting Abstract US B1

NOVELTY - An application software facilitates the generation of menu by allowing selection of categories and items from preset menu, and addition of menu items to other menu item using graphical user interface. The parameters are selected from modifier and sub-modifier menus.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1. computer system;
2. handwriting capture method;
3. voice capture method; and
4. voice recognition and conversion method.

USE - Information management and synchronous communication system for generating computerized **menu** for **restaurant** using internet, wireless link, remote handheld computer, **personal** digital **assistant** (PDA) and smart phone.

ADVANTAGE - Enables automatic updating of both wireless and internet menu systems using simple technique.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the point-of-sale interface.

Class Codes

| International Patent Classification | | | | | |
|-------------------------------------|-------------|-------|----------|--------|--------------|
| IPC | Class Level | Scope | Position | Status | Version Date |
| | | | | | |

| | | | | | |
|--------------|---|---|---|---|----------|
| G06F-0003/00 | A | I | F | B | 20060101 |
|--------------|---|---|---|---|----------|

ECLA: G06F-017/30W9V

US Classification, Issued: 345841, 345810

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-C02B1; T01-C08A; T01-J12B; T01-N01A2E

Alerting Abstract ... USE - Information management and synchronous communication system for generating computerized **menu** for **restaurant** using internet, wireless link, remote handheld computer, **personal** digital **assistant** (PDA) and smart phone... Original Publication Data by Authority Argentina **Publication No. Original Abstracts:** An information management and synchronous communications system and method facilitates database equilibrium and **synchronization** with wired, wireless and Web-based systems, user-friendly and efficient generation of computerized **menus** and reservations with **handwritten**/voice modifications for **restaurants** and other applications **that** utilize equipment with nonstandard graphical formats, display sizes and/or applications for use in remote data entry, information management and communication with host computer, digital...

16/69,K/8 (Item 8 from file: 350)

DIALOG(R)File 350: Derwent WPIX

(c) 2012 Thomson Reuters. All rights reserved.

Your application

0015297925 *Drawing available*

WPI Acc no: 2005-648095/200566

Related WPI Acc No: 2001-397509; 2006-075501; 2006-134386; 2006-687076

XRPX Acc No: N2005-530964

Information management and synchronous communication system for restaurant, synchronizes order menu data created by selecting items from restaurant menu, between data storage and other computing device using graphical user interface

Patent Assignee: BERGFELD R (BERG-I); MCNALLY K R (MCNA-I); ROOF W H (ROOF-I)

Inventor: BERGFELD R; MCNALLY K R; ROOF W H

| Patent Family (1 patents, 1 countries) | | | | | | | |
|--|------|----------|--------------------|------|----------|--------|------|
| Patent Number | Kind | Date | Application Number | Kind | Date | Update | Type |
| US 20050204308 | A1 | 20050915 | US 1999400413 | A | 19990921 | 200566 | B |
| | | | US 200116517 | A | 20011101 | | |
| | | | US 2005112990 | A | 20050422 | | |

Priority Applications (no., kind, date): US 1999400413 A 19990921; US 200116517 A 20011101; US 2005112990 A 20050422

Alerting Abstract US A1

NOVELTY - An application software generates order **menu** by selecting items from **restaurant menu** stored in a data storage and **synchronizing** order **menu** data between data storage and other computing device, using graphical user interface.

DESCRIPTION - An INDEPENDENT CLAIM is also included for information management and synchronous communication method.

USE - For managing and synchronous communication of information from wireless handheld device such as personal digital assistant (PDA) to point-of-sale (POS) terminal, printer and display system in restaurant, hotel and casino through internet.

ADVANTAGE - Facilitates remote ordering of goods using wireless handheld device without complicated operation in reduced time. Performs efficient generation of computerized **menus** for **restaurants** easily.

DESCRIPTION OF DRAWINGS - The figure shows a schematic view of the point-of-sale internal on wireless handheld device.

15 point-of sale interface

16 page-type menu

Class Codes

| International Patent Classification | | | | | |
|-------------------------------------|-------------|-------|----------|--------|--------------|
| IPC | Class Level | Scope | Position | Status | Version Date |
| G06F-0017/30 | A | I | | R | 20060101 |
| G06F-0017/30 | C | I | | R | 20060101 |

ECLA: G06F-017/30W9V

US Classification, Current Main: 715-810000; Secondary: 707-E17121, 715-841000

US Classification, Issued: 715841, 715810

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05B4M; T01-N01A2

Information management and synchronous communication system for restaurant, synchronizes order menu data created by selecting items from restaurant menu, between data storage and other computing device using graphical user interface

Alerting Abstract ...NOVELTY - An application software generates order **menu** by selecting items from **restaurant menu** stored in a data storage and **synchronizing** order **menu** data between data storage and other computing device, using graphical user interface. ...**ADVANTAGE** - Facilitates remote ordering of goods using wireless handheld device without complicated operation in reduced time. Performs efficient generation of computerized **menus** for **restaurants** easily... Original Publication Data by Authority Argentina **Publication No. Original Abstracts:** An information management and synchronous communications system and method facilitates database equilibrium

and **synchronization** with wired, wireless and Web-based systems, user-friendly and efficient generation of computerized **menus** and reservations with **handwritten**/voice modifications for **restaurants** and other applications **that** utilize equipment with nonstandard graphical formats, display sizes and/or applications for use in remote data entry, information management and communication with host computer, digital...

16/69,K/9 (Item 9 from file: 350)

DIALOG(R)File 350: Derwent WPIX

(c) 2012 Thomson Reuters. All rights reserved.

Your applicants

0010782504 *Drawing available*

WPI Acc no: 2001-397509/200142

Related WPI Acc No: 2005-648095; 2006-075501; 2006-134386; 2006-687076

XRPX Acc No: N2001-292967

Synchronous communication system with menu generation for use in equipment or software with nonstandard graphical formats such as in a computerized menu or other application

Patent Assignee: AMERANTH TECHNOLOGY SYSTEMS INC (AMER-N); AMERANTH WIRELESS INC (AMER-N); AMERANTH WIRELESS SYSTEMS INC (AMER-N)

Inventor: BERGFELD R; MCNALLY K R; ROOF W H

| Patent Family (5 patents, 93 countries) | | | | | | | |
|---|------|----------|--------------------|------|----------|--------|------|
| Patent Number | Kind | Date | Application Number | Kind | Date | Update | Type |
| WO 2001022289 | A1 | 20010329 | WO 2000US25863 | A | 20000921 | 200142 | B |
| AU 200075985 | A | 20010424 | AU 200075985 | A | 20000921 | 200142 | E |
| US 6384850 | B1 | 20020507 | US 1999400413 | A | 19990921 | 200235 | E |
| EP 1224576 | A1 | 20020724 | EP 2000965240 | A | 20000921 | 200256 | E |
| | | | WO 2000US25863 | A | 20000921 | | |
| US 6871325 | B1 | 20050322 | US 1999400413 | A | 19990921 | 200521 | E |
| | | | US 200115729 | A | 20011101 | | |

Priority Applications (no., kind, date): US 1999400413 A 19990921; US 200115729 A 20011101

Alerting Abstract WO A1

NOVELTY - A point of sale interface (15) displays a page-type menu (16) in a catalog-type point-and-click format, which supports pricing on the database or querying of prices from the point of sale server. The interface provides for billing, status and payment with respect to orders and a myriad of options can be provided depending on the application. The menu can be rapidly built and instantly downloaded into a hand-held device or a web page.

DESCRIPTION - AN INDEPENDENT CLAIM is included for an information management and synchronous communication method.

USE - Generating computerized menu and other graphical displays.

ADVANTAGE - Facilitating user-friendly efficient generation of computerized menu.

DESCRIPTION OF DRAWINGS - The drawing is a schematic representation of a point of sale interface

15 Point of sale interface

16 Menu

Class Codes

| International Patent Classification | | | | | |
|-------------------------------------|-------------|-------|----------|--------|--------------|
| IPC | Class Level | Scope | Position | Status | Version Date |
| G06F-0017/30 | A | I | | R | 20060101 |
| G06F-0017/30 | C | I | | R | 20060101 |

ECLA: G06F-017/30W9V

US Classification, Current Main: 715-810000; Secondary: 707-E17121, 715-841000

US Classification, Issued: 345841, 345810, 715841, 715810

File Segment: EPI;

DWPI Class: T01; T05; W01

Manual Codes (EPI/S-X): T01-C03C; T01-H07C5; T01-H07C5E; T01-J12; T05-L01D; W01-A06B7; W01-A06C4

Original Publication Data by Authority Argentina **Publication No. ...Original**

Abstracts: information management and synchronous communications system and method facilitates database equilibrium with wireless (14) and Web-based systems, user-friendly and efficient generation of computerized **menus** (15) and reservations **for restaurant** and other applications **that** utilize equipment with nonstandard graphical formats (12), display size and application for use in remote data entry (16), information management and communication with host computer, digital... ... An information management and synchronous communications system and method facilitates database equilibrium and **synchronization** with wired, wireless and Web-based systems, user-friendly and efficient generation of computerized **menus** and reservations for **restaurants and** other applications that **utilize** equipment with nonstandard graphical formats, display sizes and/or applications for use in remote data entry, information management and communication with host computer, digital input... ... An information management and synchronous communications system and method facilitates database equilibrium and **synchronization** with wired, wireless and Web-based systems, user-friendly and efficient generation of computerized **menus** and reservations for **restaurant** and other applications that **utilize** equipment with nonstandard **graphical** formats, display size and application for use in remote data entry, information management and communication with host computer, digital input device or remote pager via... ... information management and synchronous communications system and method facilitates database equilibrium with wireless (14) and Web-based systems, user-friendly

and efficient generation of computerized **menus** (15) and reservations for **restaurant** and other applications that utilize equipment with nonstandard **graphical** formats (12), display size **and** application for use in remote dataentry (16), information management and communication with host computer, digital input device or remote pager via standard hardwired connection, the...

Patent full-text files

DIALOG(R)File 348: EUROPEAN PATENTS
(c) 2011 European Patent Office. All rights reserved.
11/5K/3 (Item 3 from file: 348)
01583698

INFORMATION PROVIDING SYSTEM AND METHOD, INFORMATION PROCESSING APPARATUS AND METHOD, AND COMMUNICATION TERMINAL AND METHOD

Patent Assignee:

- **Sony Corporation** (100224962)
7-35, Kitashinagawa 6-chome Shinagawa-ku; Tokyo 141-0001 (JP)
(Proprietor designated states: all)

Inventor:

- **OBA, Haruoc/o SONY CORPORATION**
7-35, Kitashinagawa 6-chome; Shinagawa-ku, Tokyo 141-0001; (JP)
- **SUGAWARA, Takuc/o SONY CORPORATION**
7-35, Kitashinagawa 6-chome; Shinagawa-ku, Tokyo 141-0001; (JP)
- **INAGAKI, Takeoc/o SONY CORPORATION**
7-35, Kitashinagawa 6-chome; Shinagawa-ku, Tokyo 141-0001; (JP)
- **REKIMOTO, J. SONY COMPUTER SCIENCE LABORATORY INC.**
3-14-13, Higashi-Gotanda; Shinagawa-ku, Tokyo 141-0022; (JP)
- **MATSUSHITA, N. SONY COMPUTER SCIENCE LABORATORY INC.**
3-14-13, Higashi-Gotanda; Shinagawa-ku, Tokyo 141-0022; (JP)
- **AYATSUKA, Yuji SONY COMPUTER SCIENCE LABORATORY INC**
3-14-13, Higashi-Gotanda; Shinagawa-ku, Tokyo 141-0022; (JP)

Legal Representative:

- **DeVile, Jonathan Mark et al (100044843)**
D Young & Co LLP 120 Holborn; London EC1N 2DY; (GB)

| | Country | Number | Kind | Date |
|--|---------|--------|------|------|
|--|---------|--------|------|------|

| | Country | Number | Kind | Date | |
|-------------|---------|------------|------|----------|---------|
| Patent | EP | 1427145 | A1 | 20040609 | (Basic) |
| Patent | EP | 1427145 | B1 | 20110831 | |
| | WO | 2003026214 | | 20030327 | |
| Application | EP | 2002798829 | | 20020912 | |
| | WO | 2002JP9326 | | 20020912 | |
| Priorities | JP | 2001278496 | | 20010913 | |

International Patent Class (V7): H04L-012/28; G06K-017/00; G06K-019/00

| International Classification (Version 8) IPC | Level | Value | Position | Status | Version | Action | Source | Office |
|--|-------|-------|----------|--------|----------|----------|--------|--------|
| H04L-0012/28 | A | I | F | B | 20060101 | 20030402 | H | EP |
| G06K-0017/00 | A | I | L | B | 20060101 | 20030402 | H | EP |
| G06K-0019/00 | A | I | L | B | 20060101 | 20030402 | H | EP |

Specification: ...three dishes available in each restaurant may be displayed, detailed information is not provided, and thus users cannot get detailed information unless they actually visit **restaurants** and view **menus**.

Also in the case of guide boards on which maps are displayed, when one views it to get the location of a shop he/she...the bottom right corner of the display unit 2D, information about "Daikan-yama" is provided to a user.

When a user wants to view a **menu** of dishes available in "**Restaurant Alice**" or to view an image showing the outward appearance or the like of the restaurant, if the user brings the PDA 11 into a... ..The information transmitted from the information board 1 is displayed on the display unit of the PDA 11 and thus the user can view a **menu**, a picture, or the like, of the "**Restaurant Alice**".

In Fig. 1, a broken-line arrow represents communication performed by means of an electromagnetic wave between the information board 1 and the PDA... simply by bringing the PDA 11 close to the information requesting unit 3B of the information board 1. In this specific case, for example, a **menu** of dishes available in "**Restaurant Alice**" is displayed together with associated images.

In the Bluetooth communication, a profile indicating a data transmission scheme is selected after achieving **synchronization** between terminals. For example, in communication between the non-contact IC card 21 and the reader/writer 31, profiles available in them may be transmitted...

Specification: ...three dishes available in each restaurant may be displayed, detailed information is not provided, and thus users cannot get detailed information unless they actually visit **restaurants** and view **menus**.

Also in the case of guide boards on which maps are displayed, when one views it to get the location of a shop he/she... ..the bottom right corner of the display unit 2D, information about "Daikan-yama" is provided to a user.

When a user wants to view a **menu** of dishes available in "**Restaurant Alice**" or to view an image showing the outward appearance or the like of the restaurant, if the user brings the PDA 11 into a... ..The information transmitted from the information board 1 is displayed on the display unit of the PDA 11 and thus the user can view a **menu** , a picture, or the like, of the "**Restaurant Alice**".

In <FIGREF IDREF=F0001>Fig. 1</FIGREF>, a broken-line arrow represents communication performed by means of an electromagnetic wave between the information board...simply by bringing the PDA 11 close to the information requesting unit 3B of the information board 1. In this specific case, for example, a **menu** of dishes available in "**Restaurant Alice**" is displayed together with associated images.

In the Bluetooth communication, a profile indicating a data transmission scheme is selected after achieving **synchronization** between terminals. For example, in communication between the non-contact IC card 21 and the reader/writer 31, profiles available in them may be transmitted...

11/5K/4 (Item 1 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT
(c) 2012 WIPO/Thomson. All rights reserved.

02068756

PORTAL SERVICES BASED ON INTERACTIONS WITH POINTS OF INTEREST DISCOVERED VIA DIRECTIONAL DEVICE INFORMATION

Patent Applicant/Patent Assignee:

- **MICROSOFT CORPORATION**
One Microsoft Way, Redmond, Washington 98052-6399; US; US (Residence);
US (Nationality); (For all designated states except: US)

Inventor(s):

- **KHOSRAVY Moe**
c/o Microsoft Corporation, LCA - International Patents, One Microsoft Way, Redmond, Washington 98052-6399; US; (Designated for all)
- **NOVIK Lev**
c/o Microsoft Corporation, LCA - International Patents, One Microsoft Way, Redmond, Washington 98052-6399; US; (Designated for all)

| | Country | Number | Kind | Date |
|-------------|---------|-------------|-------|----------|
| Patent | WO | 2010151559 | A2-A3 | 20101229 |
| Application | WO | 2010US39556 | | 20100622 |
| Priorities | US | 2009491519 | | 20090625 |

| International Patent Classes (Version 8/R) IPC | Level | Value | Position | Status | Version | Action | Source | Office |
|--|-------|-------|----------|--------|----------|--------|--------|--------|
| H04W-0004/02 | A | I | F | B | 20090101 | | H | KR |
| G06Q-0030/00 | A | I | L | B | 20060101 | | H | KR |

Language Publication Language: English

Filing Language: English

Fulltext word count: 18617

English Abstract:

With the addition of directional information in the environment, a variety of service(s) can be provided on top of user identification or interaction with specific object(s) of interest by pointing at the objects. Items discovered through direction-based location services can be designated for present or later interaction, with information about those interactions uploaded to intelligent portal services exposed via one or more networks. Device users can interact with the portal services at a later time after an intelligent analysis has been applied to data representing the user's interactions, enabling a variety of scenarios, such as recommendation engines, sharing engines, shopping scenarios, etc. via the portal services.

Detailed Description:

...a person. UI 2500 can also include other media, and a static POI information portion 2504 for information that tends not to change such as **restaurant** hours, **menu**, contact information, etc. In addition, UI 2500 can include an information section for dynamic information to be pushed to the user for the POI, e... ...provides a similar, but far superior from a spatial relevance standpoint, Yellow Pages experiences where businesses will desire to have their additional information, such as **menus**, price sheets, coupons, pictures, virtual tours, etc. accessible via the system. [00139] In addition, a

synchronization platform or framework can keep the roaming caches in **sync**, thereby capturing what users are looking at and efficiently processing changes. Or, where a user goes offline, local changes can be recorded, and when the...

11/5K/6 (Item 3 from file: 349)
 DIALOG(R)File 349: PCT FULLTEXT
 (c) 2012 WIPO/Thomson. All rights reserved.

02021884

DEVICE TRANSACTION MODEL AND SERVICES BASED ON DIRECTIONAL INFORMATION OF DEVICE

Patent Applicant/Patent Assignee:

- **MICROSOFT CORPORATION**
 One Microsoft Way, Redmond, Washington 98052-6399; US; US (Residence);
 US (Nationality); (For all designated states except: US)

Inventor(s):

- **KHOSRAVY Moe**
 c/o Microsoft Corporation, International Patents, One Microsoft Way, Redmond,
 Washington 98052-6399; US; (Designated for all)
- **NOVIK Lev**
 c/o Microsoft Corporation, International Patents, One Microsoft Way, Redmond,
 Washington 98052-6399; US; (Designated for all)

| | Country | Number | Kind | Date |
|-------------|---------|-------------|-------|----------|
| Patent | WO | 2010104686 | A2-A3 | 20100916 |
| Application | WO | 2010US25684 | | 20100226 |
| Priorities | US | 2009400087 | | 20090309 |

| International Patent Classes (Version 8/R) IPC | Level | Value | Position | Status | Version | Action | Source | Office |
|--|-------|-------|----------|--------|----------|--------|--------|--------|
| H04W-0004/02 | A | I | F | B | 20090101 | | H | KR |

Language Publication Language: English

Filing Language: English

Fulltext word count: 15865

English Abstract:

With the addition of directional information in the environment, a variety of service(s) can be provided on top of user identification or interaction with specific object(s) of interest. For instance, when a user points at a particular item at a particular location or place, this creates an opportunity, e.g., an advertising opportunity, for anyone having an interest in that particular item to communicate with the user regarding that item or related items at a point in time when the user's focus is on the particular item. User context for the interaction can also be taken into account to supplement the provision of one or more interactive direction based services.

Detailed Description:

...a person. UI 2200 can also include other media, and a static POI information portion 2204 for information that tends not to change such as **restaurant** hours, **menu**, contact information, etc. In addition, UI 2200 can include an information section for dynamic information to be pushed to the user for the POI, e... ...provides a similar, but far superior from a spatial relevance standpoint, Yellow Pages experiences where businesses will desire to have their additional information, such as **menus**, price sheets, coupons, pictures, virtual tours, etc., accessible via the system. [00123] In addition, a **synchronization** platform or framework can keep the roaming caches in **sync**, thereby capturing what users are looking at and efficiently processing changes. Or where a user goes offline, local changes can be recorded, and when the...

11/5K/7 (Item 4 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT
(c) 2012 WIPO/Thomson. All rights reserved.

01931876

**SYSTEM AND METHOD OF PROVIDING DIGITAL MEDIA MANAGEMENT
IN A QUICK SERVICE RESTAURANT ENVIRONMENT**

Patent Applicant/Patent Assignee:

- **EMN8 INC**
10070 Mesa Rim Road, San Diego, CA 92121; US; US (Residence); US
(Nationality); (For all designated states except: US)

Patent Applicant/Inventor:

- **RAVENEL J Patrick**
2209 Johnston Rd., Escondido, CA 92029; US; US (Residence); US (Nationality); (Designated only for: US)
- **CHONG Trevor**
1 Rocky Point Rd., Corona Del Mar, CA 92625; US; US (Residence); US (Nationality); (Designated only for: US)
- **SILVA John**
7636 Palmilla Drive, Unit 110, San Diego, CA 92122; US; US (Residence); US (Nationality); (Designated only for: US)

Legal Representative:

- **HART Daniel (agent)**
Knobbe Martens Olson & Bear, LLP, 2040 Main Street, Fourteenth Floor, Irvine, CA 92614; US

| | Country | Number | Kind | Date |
|-------------|---------|-------------|------|----------|
| Patent | WO | 201011688 | A1 | 20100128 |
| Application | WO | 2009US51309 | | 20090721 |
| Priorities | US | 200882409 | | 20080721 |

| International Patent Classes (Version 8/R) IPC | Level | Value | Position | Status | Version | Action | Source | Office |
|--|-------|-------|----------|--------|----------|--------|--------|--------|
| G06F-0017/00 | A | I | F | B | 20060101 | | H | US |

Language Publication Language: English

Filing Language: English

Fulltext word count: 9128

English Abstract:

Embodiments disclosed herein are directed to systems and methods for managing digital media content within a quick service restaurant environment to provide a consistent visual experience and accurate, timely data across various digital media displays to QSR customers. In some embodiments, a digital media management appliance ("DMMA") is used to manage the distribution of digital media data which is used to drive various display devices present in the QSR environment. The DMMA may be configured to extract data from a point of sale ("POS") system and/or other data sources within the QSR environment in order to generate display data for the digital media devices in the store.

Detailed Description:

...and promotional data; a hosted menu building application configured to generate digital display menus; and a network interface configured to transmit the generated digital display **menus** over a computer network. In certain implementations, the media design module may further include a store marketing media design application.

[0007] Some embodiments include a **synchronization** module configured to maintain consistency between digital media data and point of sale data. Further embodiment include a digital media delivery module which is further... ..process in which an order may be routed through a digital media management appliance to POS system.

[0021] Figure 13 is a flowchart of a **synchronization** process which may be used to maintain updated **menus**.

[0022] In this description, reference is made to the drawings wherein like parts are designated with like numerals throughout.

DETAILED DESCRIPTION OF CERTAIN INVENTIVE EMBODIMENTS...

...synchronization service which allows for real time POS system data to be used to maintain and update digital media within the store. For example, the **synchronization** service may be configured to monitor inventory data in a POS system and remove **menu** items and/or item promotions from the digital media in the QSR if a particular item is no longer available.

Similarly, each of the different... ..in the QSR 100 without needing the assistance of a customer service representative. The kiosk 114 may be configured to display a digital touch-screen **menu** to customers 106 and process **food** and drink orders which are transmitted to a point of sale ("POS") system 120 located in the operations area 104 of the QSR environment 100... ..management software. The DMMA 124, which will be discussed in detail below in connection with Figures 3 and 4, is generally used to store, manage, **synchronize**, and deliver data to the digital display devices throughout the QSR environment 100. For example, the DMMA 124 may store **menu** data that is used to drive the digital **menu** display 116 and the customer operated kiosks 114. The DMMA may also store digital media that is used to drive the digital marketing displays 108... ..data stored in a particular location's POS database 202 may vary, the POS database 202 typically stores sales and inventory data, as well as **menu** data. **Food** products offered by the QSR to its customers may be identified by SKUs, which are unique identifiers of products. The POS system 120 also may... ..100 is accurate and up to date. As noted above, POS database data 202 is generally considered "authoritative" in the QSR environment 100. Thus, the **synchronization** module may be configured to compare **menu** data stored in the digital media data 304 with the inventory data stored in the POS database. If the **menu** data and inventory data are inconsistent, the **synchronization** engine 310 may be configured to modify the **menu** data accordingly.

[0041] In various embodiments, data processed by the DMMA 124 may be passed to the POS system 120 via the POS interface 302... ..The media design module 126 may include a menu building database 502. The database 502 may include menu data 504,

store data 506, and historical **menu** data 508. The **menu** data 504 may include **food** and drink items and their associated default prices for display on media display devices. The menu data 504 may further define a **menu** flow for the presentation of the **food** and drink items in the display for selection on customer operated ordering devices such as the kiosk 114. The menu data 504 may also include... area network such as the Internet.

[0049] The media design module described in connection with Figure 5 may be used to create and deliver digital **menus** and other digital promotion media to QSR **restaurants** via a computer network. Figure 6 is flowchart illustrating one example of a process by which a menu is generated and delivered to a QSR... ..product items that are available for ordering by QSR customers 106. As briefly noted above, the DMMA 124 may provide the ability for the product **menu** to reflect inventory conditions within the QSR environment 100. The DMMA 124 may leverage the **synchronization** service 124 to check **menu** item availability in the POS system 120. For example, the POS inventory make be checked to ensure that each of the **menu** items is available in the store. If menu items are missing, the items associated with those ingredients may be removed from the kiosk menu at... ..menu flow or product placement for the menu. Next, at block 1106, the engine 408 checks with the POS system 120 to confirm that each **menu** item on the **menu** is available. This check may be carried out by the **synchronization** service 310, the translation module 312, or both. The process next moves to block 1108, where the unavailable items are removed from the **menu**, and the **menu** is generated on the display 116.

It is to be appreciated that the digital menu display engine may be further configured to check the POSPOS system 120 to confirm item availability.

As discussed previously, this check may be performed in cooperation with the translation module 312 and/or the **synchronization** module 310 to extract the data from the POS system 120. Next, the web-based **menu** data is generated from the available items at block 1206, and the data is sent over the network to the requesting client at block 1208... ..order receipt may be sent to the requesting client at block 1216.

[0058] In still other embodiments, the DMMA 124 may be configured to maintain **menus** in real time across multiple display devices in the QSR environment. Figure 13 is a flowchart of a **synchronization** process which may be used to maintain updated **menus** across the each of the display devices in the customer present area 102 of the QSR environment 100.

The process begins at block 1302, where the **synchronization** module 310 of the DMMA 124 sends a request to the POS system 120 for a list of all unavailable product items. Next, the process...

Claims:

...the menu building module comprises: a database comprising menu data, store data, and promotional data; a hosted menu building application configured to generate digital display **menus**; and a network interface configured to transmit the generated digital display **menus** over a computer network.

10. The system of Claim 1, further comprising a **synchronization** module configured to maintain consistency between digital media data and point of sale data.

11. The system of Claim 10, wherein the digital media delivery... ..method of Claim 13, further comprising: accessing the digital media data to generate digital menu data; and transmit the digital menu data to a digital **menu** display.

20. The method of Claim 19, wherein the digital **menu** data comprises **menu** data, store data, and promotional data.

21. The method of Claim 13, further comprising performing **synchronization** functions to maintain consistency between digital media data and point of sale data.

22. The method of Claim 2 1, further comprising modifying the digital...

11/5K/17 (Item 14 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT
(c) 2012 WIPO/Thomson. All rights reserved.

01175722

SELF-ATTAINABLE ANALYTIC TOOL AND METHOD FOR ADAPTIVE BEHAVIOR MODIFICATION

Patent Applicant/Inventor:

- **BRONKEMA Valentina G**
Suite 250, 1146 19th Street N.W., Washington, DC 20036; US; US (Residence);
US (Nationality); (Designated for all)

Legal Representative:

- **COHEN Jerry et al (agent)**
Perkins, Smith & Cohen, LLP, One Beacon Street, Boston, MA 02108; US

| | Country | Number | Kind | Date |
|--------|---------|-----------|-------|----------|
| Patent | WO | 200497563 | A2-A3 | 20041111 |

| | Country | Number | Kind | Date |
|-------------|---------|-------------|------|----------|
| Application | WO | 2004US12734 | | 20040423 |
| Priorities | US | 2003465140 | | 20030424 |

Main International Patent Classes (Version 7):

| IPC | Level |
|-------------|-------|
| B65D-085/00 | Main |
| G06F-015/16 | |
| G06F-017/60 | |
| G06F-011/30 | |

Language Publication Language: English

Filing Language: English

Fulltext word count: 23362

English Abstract:

A system and method for behavior modification through dynamic identification of behavior patterns, assistance in finding and implementing healthy alternatives to undesirable behavior patterns, preparation of dynamically variable user-specific programs, monitoring of current user activities, and presenting feedback and information to the user. The system and method further support incorporation of professional and other information into a user-specific package from which the user-specific program is determined, and synchronization and data integrity across the platforms of the system.

Detailed Description:

...information 31 are used by various components in the system. Generic database 33 can hold information that could be applicable to all users, such as **menus** and ingredients from **restaurants**, and their associated micronutrients and other characteristics developed by the system and received from other sources. General database 30 can be extended to include any... ..within the system and outside the system.

To augment the user-specific information and promote the user's continued adherence to the user-specific program, **restaurant menu** data including ingredients could be accessed by the system. These data could be available through, for example, an electronic interface or by system... system can provide means for real-time menu and ingredient updates.

With the ingredient list, the system could determine the micronutrient profile associated with the **menu** items. A user could be presented with a selection of **restaurant** offerings that would serve food that complements the user's diet plan, for example, or simply a list of restaurants available to the user that... ..Server 65 to personal device 61

Goal Server 65 to personal device 61

Hunger Server 65 to personal device 61

20

SQL Server Table Name **Synchronization** Direction

Location Server 65 to personal device 61

MealType Server 65 to personal device 61

Measurement Server 65 to personal device 61

Menu Server 65 to personal device 61

MenuCalories Server 65 to personal device 61

MenuDailyCalories Server 65 to personal device 61

MenuItem Server 65 to personal...to the user based on data input from the user, analysis of that data, professional input, etc., such as, for example, tips, advance alarms, reminders, **menus**, commercial **food** guidelines, pyramidbased **food** guidelines, balance scale, yoga guidelines, stretching guidelines, general exercise guidelines, fitness tests, nutrition planning information, nutrition schedule, action plans, milestones, and list of reached or...

11/5K/19 (Item 16 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

(c) 2012 WIPO/Thomson. All rights reserved.

00927910

METHOD AND APPARATUS FOR UPDATING APPLICATIONS ON A MOBILE DEVICE

Patent Applicant/Patent Assignee:

- **PALM INC**
5470 Great America Parkway, Santa Clara, CA 95052; US; US(Residence);
US(Nationality)

Inventor(s):

- **LIU Chung**
251 Kensington Way, Los Gatos, CA 95032; US

Legal Representative:

- **GALLENSON Mavis S(et al)(agent)**
Ladas & Parry, 5670 Wilshire Boulevard, Suite 2100, Los Angeles, CA 90036-
5679; US

| | Country | Number | Kind | Date |
|--|---------|--------|------|------|
|--|---------|--------|------|------|

| | Country | Number | Kind | Date |
|-------------|---------|-------------|-------|----------|
| Patent | WO | 200262031 | A2-A3 | 20020808 |
| Application | WO | 2001US44860 | | 20011128 |
| Priorities | US | 2000727991 | | 20001130 |

Main International Patent Classes (Version 7):

| IPC | Level |
|-------------|-------|
| H04L-029/06 | Main |

Language Publication Language: English

Filing Language: English

Fulltext word count: 8126

English Abstract:

A method and system for the delivery of updated web platform applications to a mobile electronic device upon synchronization of the mobile device with a computer. Specifically, one embodiment of the present invention discloses a method and system for dynamically creating personalized and up-to-date applications whenever a mobile electronic device is synchronized with a stand-alone computer system that is coupled to remotely located content servers or computers via a communication network, such as the Internet. Conduits act as gateways for synchronization between the mobile electronic device and the plurality of content servers or computers. These conduits coordinate the loading of the personalized and up-to-date applications onto the mobile electronic device. In one example, a user can then access up-to-date information on the applications at a more convenient time and while disconnected from the content servers or computers that provide the information.

Detailed Description:

...application developer so chooses that also could be included within the science experiment application 650.

Another example of an application that is updated through device **synchronization** in one embodiment of the invention without connecting to the Internet is the **restaurant sales** application 630 of Figure 6. Sales of **menu** items can be recorded on a stand-alone computer located at a restaurant. A corresponding application to the sales application 630 is resident on the stand-alone computer and directs the recordation of such items as total monthly sales, specific **menu** item sales, cost of **menu** items, etc. A user can access those

results by **synchronizing** a PDA containing the sales application 630 to the stand-alone computer located at the restaurant. A conduit resident on the stand-alone computer facilitates...

11/5K/22 (Item 19 from file: 349)
 DIALOG(R)File 349: PCT FULLTEXT
 (c) 2012 WIPO/Thomson. All rights reserved.

your applicants

00788780

INFORMATION MANAGEMENT AND SYNCHRONOUS COMMUNICATIONS SYSTEM WITH MENU GENERATION

Patent Applicant/Patent Assignee:

- **AMERANTH TECHNOLOGY SYSTEMS INC**
 12230 El Camino Real, San Diego, CA 92130-2090; US; US(Residence); US(Nationality)

Inventor(s):

- **MCNALLY Keith R**
 21567 Parvin Drive, Santa Clarita, CA 91350; US
- **ROOF William H**
 13429 Luckett Court, San Diego, CA 92130; US
- **BERGFELD Richard**
 20719 Nashville Court, Chatsworth, CA 91311; US

Legal Representative:

- **MARCUS Harry C(et al)(agent)**
 Morgan & Finnegan, L.L.P., 345 Park Avenue, New York, NY 10154-0053; US

| | Country | Number | Kind | Date |
|-------------|---------|-------------|------|----------|
| Patent | WO | 200122289 | A1 | 20010329 |
| Application | WO | 2000US25863 | | 20000921 |
| Priorities | US | 99400413 | | 19990921 |

Main International Patent Classes (Version 7):

| IPC | Level |
|-----|-------|
|-----|-------|

| IPC | Level |
|-------------|-------|
| G06F-017/30 | Main |
| G06F-013/14 | |

Language Publication Language: English

Filing Language: English

Fulltext word count: 10325

English Abstract:

An information management and synchronous communications system and method facilitates database equilibrium with wireless (14) and Web-based systems, user-friendly and efficient generation of computerized **menus** (15) and reservations for **restaurant** and other applications that utilize equipment with nonstandard graphical formats (12), display size and application for use in remote dataentry (16), information management and communication with host computer, digital input device or remote pager via standard hardwired connection, the Internet, a wireless link.

| Legal Status Type | Pub. Date | Kind | Text |
|-------------------|-----------|------|---|
| Publication | 20010329 | A1 | With international search report. |
| Examination | 20010809 | | Request for preliminary examination prior to end of 19th month from priority date |

Detailed Description:

...I I FIELD OF THE INVENTION

This invention relates to an information management and synchronous 1 3 communications system and method for generation of computerized **menus** for **restaurants** and other applications with specialized display and synchronous communications requirements related to, for example, the use of equipment or software with non-PC-standard graphical..largely limited to fixed computer solutions, i.e., desktop or mainframe, because of the problems heretofore faced in configuring wireless handheld devices and maintaining database **synchronization** for such applications. Specifically, the unavailability of any simple technique for creating **restaurant menus** and the like for use in a limited display area wireless handheld device or that is compatible with ordering over the internet has prevented widespread and efficient generation of computerized **menus** for **restaurants** and other applications 1 5 that utilize equipment with non-PC-standard graphical formats, display sizes and/or applications.

1 6 A further object of... ..communications system is provided which results in 1 9 a dramatic reduction in the amount of time, and hence cost, to generate and maintain computerized **menus** for, e.g., **restaurants** and other related applications that utilize non-PCstandard graphical formats, display sizes or applications.

The menu generation approach of the present invention has many advantages...building a menu using their existing database and transferring the menu onto handheld devices or Web pages that will interface with servers wirelessly or to **restaurants**/customers over the internet. The **menu** generation approach of the present invention is the first coherent solution available to accomplish these objectives easily and allows one development effort to produce both...for on time delivery of customized versions of the software. The advanced database functions produce well-designed databases that accommodate growth and scalability The inventive **menu** generation approach provides a solution for the pervasive 1 7 connectivity and computerization needs of the restaurant and related markets. The inventive 1 8 solution includes automatic database management and **synchronization**, PDA and handheld wireless operating system integration and optimization, wireless communications and internet connectivity, user interface design, and graphics design.

2 1 In the preferred embodiment, the **menu** generation approach of the ...the database is eliminated as well, reducing the need for resource intensive pointers.

While the preferred embodiment of the invention is for the generation of **restaurant menus** and the like, the broad scope of the invention is far greater. For example, 1 8 menus generated in accordance with the invention can be... ..It is also within the scope of the invention to generate menus automatically in I I response to predeten-nined criteria. For example, in the **restaurant menu** generation embodiment, a modified **menu** can be generated to comply with a particular specification or group of criteria 1 3 such as, e.g., "dinner", "low cholesterol", "low fat", "fish...to those skilled in the art where an objective is to facilitate display of the menu so as to enable selection of items from that **menu**. The **restaurant menu** generation embodiment is but one example of a use for the inventive concept. Likewise, displaying menus generated in accordance with the invention on PDAs and... ..said operating 1 5 system.

1 6 2. An information management and synchronous communications system in 1 7 accordance with claim 1, wherein the second **menu** is a **restaurant menu**.

1 8 3. An information management and synchronous communications system in 1 9 accordance with claim 1, wherein the second menu is capable of being ...

Claims:


...I selected from the modifier and sub-modifier menus.

21 An information management and synchronous communications system in accordance with claim 20, wherein the second **menu** is a **restaurant menu**.

22 An information management and synchronous communications system in accordance with claim 20, wherein the second menu is capable of being displayed on the display...

NPL abstract files -- no relevant records

NPL full-text files -- no relevant records

| | | |
|---|--|--|
| Issue Classification  | Application/Control No. 11112990 | Applicant(s)/Patent Under Reexamination MCNALLY ET AL. |
| | Examiner MATTHEW BROPHY | Art Unit 2191 |

| ORIGINAL | | | | | | INTERNATIONAL CLASSIFICATION | | | | | | | | | | | | | | |
|---------------------------|-----------------------------------|----------|-----|-----|-----|------------------------------|---|---|---|----------------------|-------------|--|--|--|--|--|--|--|--|--|
| CLASS | | SUBCLASS | | | | CLAIMED | | | | | NON-CLAIMED | | | | | | | | | |
| 717 | | 177 | | | | G | 0 | 6 | F | 9 / 445 (2006.01.01) | | | | | | | | | | |
| CROSS REFERENCE(S) | | | | | | | | | | | | | | | | | | | | |
| CLASS | SUBCLASS (ONE SUBCLASS PER BLOCK) | | | | | | | | | | | | | | | | | | | |
| 717 | 102 | 109 | 111 | 168 | 174 | | | | | | | | | | | | | | | |
| 715 | 810 | 828 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |

| <input checked="" type="checkbox"/> Claims renumbered in the same order as presented by applicant <input type="checkbox"/> CPA <input type="checkbox"/> T.D. <input type="checkbox"/> R.1.47 | | | | | | | | | | | | | | | |
|--|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|
| Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original |
| 1 | 103 | 10 | 119 | | | | | | | | | | | | |
| 2 | 104 | 11 | 120 | | | | | | | | | | | | |
| 3 | 105 | 12 | 121 | | | | | | | | | | | | |
| 4 | 106 | 13 | 122 | | | | | | | | | | | | |
| 5 | 107 | 14 | 123 | | | | | | | | | | | | |
| | 108 | 15 | 124 | | | | | | | | | | | | |
| | 109 | 16 | 125 | | | | | | | | | | | | |
| | 110 | 17 | 126 | | | | | | | | | | | | |
| | 111 | 18 | 127 | | | | | | | | | | | | |
| | 112 | | | | | | | | | | | | | | |
| | 113 | | | | | | | | | | | | | | |
| | 114 | | | | | | | | | | | | | | |
| 6 | 115 | | | | | | | | | | | | | | |
| 7 | 116 | | | | | | | | | | | | | | |
| 8 | 117 | | | | | | | | | | | | | | |
| 9 | 118 | | | | | | | | | | | | | | |

| | | | |
|--|--------------------------|------------------------------------|------------------------|
| /MATTHEW BROPHY/ Examiner. Art Unit 2191 (Assistant Examiner) | 12/16/2011 (Date) | Total Claims Allowed: 18 | |
| /LEWIS A BULLOCK JR/ Supervisory Patent Examiner. Art Unit 2193 (Primary Examiner) | 12/17/2011 (Date) | O.G. Print Claim(s) 1 | O.G. Print Figure 9 |

File 347:JAPIO Dec 1976-2011/SEP(Updated 120106)
 (c) 2012 JPO & JAPIO
 File 348:EUROPEAN PATENTS 1978-201152
 (c) 2011 European Patent Office
 File 349:PCT FULLTEXT 1979-2012/UB=20120112|UT=20120105
 (c) 2012 WIPO/Thomson
 File 350:Derwent WPIX 1963-2011/UD=201202
 (c) 2012 Thomson Reuters

| Set | Items | Description |
|-----|-------|----------------------------------|
| S1 | 24 | AU=(MCNALLY K? OR MCNALLY, K?) |
| S2 | 18 | AU=(ROOF W? OR ROOF, W?) |
| S3 | 5 | AU=(BERGFELD R? OR BERGFELD, R?) |
| S4 | 39 | S1:S3 |
| S5 | 394 | MENU()GENERATION |
| S6 | 5 | S4 AND S5 |

File 347:JAPIO Dec 1976-2011/SEP(Updated 120106)
 (c) 2012 JPO & JAPIO
 File 350:Derwent WPIX 1963-2011/UD=201202
 (c) 2012 Thomson Reuters

| Set | Items | Description |
|-----|--------|---|
| S1 | 95444 | MENU OR MENUS OR BILL(1W)FARE OR CARTE OR CARTES |
| S2 | 2061 | S1(10N) (RESTAURANT? ? OR CAFE OR CAFES OR CAFETERIA? ? OR - EATERY? ? OR EATERIES OR LUNCHEONETTE? ? OR LUNCHROOM? ? OR B- ISTRO? ? OR COFFEEHOUSE? ? OR DINER OR DINERS OR DINETTE? ? OR (DINING OR EATING OR LUNCH??? ?) {} (PLACE? ? OR ESTABLISHMENT? ? OR FACILIT??? OR ROOM OR ROOMS OR HALL OR HALLS OR CAR OR - CARS OR HOUSE? ?) OR FOOD OR TAKEOUT? ? OR TAKE {} (OUT OR OUTS) OR REFECTOR??? ? OR MESSROOM? ? OR MESSHALL? ? OR MESS {} (HALL OR HALLS OR ROOM OR ROOMS) OR COMMONS OR COFFEE {} (SHOP OR SH- OPS OR HOUSE? ?) OR COFFEESHOP? ? OR COFFEEHOUSE? ? OR PUB OR PUBS OR TAVERN? ? OR LUNCHCOUNTER? ? OR LUNCH {} COUNTER? ? OR - TRATTORIA? ? OR PIZZERIA? ? OR AUTOMAT OR AUTOMATS OR CANTEEN? ?) |
| S3 | 414788 | SYNCHRONI? OR SYN OR SYNC????? ? OR HOTSYN? OR DATASYN? - OR MULTISYN? OR RESYN? OR AUTOSYN? OR SUPERSYN? OR OMNISY- NC? |
| S4 | 5543 | S3(5N) (REALTIME OR REAL {} TIME OR LIVE OR IMMEDIA? OR DYNAM- IC? OR FLY OR ONGOING OR ON {} GOING OR NONSTATIC OR NON {} STATIC OR INSTANT? OR PROMPT?) |
| S5 | 2774 | (MASTER OR MAIN OR PRIMARY OR PARENT OR PRINCIPAL OR PRINC- IPLE OR ANCESTOR OR ALPHA OR LEAD??? ? OR CHIEF OR EXECUTIVE - OR CENTRAL OR AUTHORITY OR FIRST OR 1ST) (1W) S1 |
| S6 | 389598 | HANDHELD? OR HAND {} (HELD OR HELDS) OR IPAQ OR IPAQS OR PDD OR PDDS OR HPC OR HPCS OR WINCE OR VISOR OR PDA OR PDAS OR HA- NDSRING? ? OR PIM OR PIMS OR PALMPILOT? ? OR PALMTOP? ? OR P- ALM OR IPAD OR IPADS OR DROID? ? OR ANDROID? ? OR PALMONE? OR NEWTON? ? OR BLACKBERR? OR TREQ? ? OR IPHONE? OR I {} (PHONE OR PHONES OR PAD OR PADS) OR (PEN OR STYLUS OR POCKET) (2W) (COMPU- TER? ? OR DEVICE? ?) OR POCKETPC? OR SMARTPHONE? OR RADIOTELE- PHONE? OR RADIOPHONE? OR PENTOP? ? OR PERSONAL {} INFORMATION {} MANAGER? OR PERSONAL {} (DIGITAL OR DATA OR ENTERTAIN?) {} (ASSIS- TANT? ? OR ORGANI?ER? ?) OR CELLPHONE? OR MOBILEPHONE? OR EL- ELECTRONIC {} ORGANI?ER? ? OR DIGITAL {} ASSISTANT? OR (CELLULAR OR CELL OR MOBILE) (2W) (DEVICE? ? OR CLIENT? ? OR APPLIANCE? ? OR NODE OR NODES OR ENTITY? ? OR ENTITIES) |
| S7 | 806075 | (RADIO OR SMART OR CELL OR CELLULAR OR MOBILE OR WIRELESS? OR WIRE {} LESS OR DIGITAL OR VIDEO) (1W) (TELEPHONE? OR PHONE OR PHONES OR HANDSET? ? OR HAND {} (SET OR SETS) OR COMMUNICATOR? - ?) OR (SELFCONTAINED OR SELF {} CONTAINED OR MOBILE OR PORTABLE OR WIRELESS OR WIRE {} LESS OR POCKET OR IR OR INFRARED OR PERV- ASIVE OR BLUETOOTH OR RADIOSIGNAL OR RADIO {} SIGNAL OR SATELLI- TE OR GPS OR GLOBAL {} POSITION??? ? OR MESSAGING OR IRDA OR IN- FRARED {} DATA OR 802) (2W) (CLIENT? ? OR PC OR PCS OR COMPUTER? ? OR DEVICE? ? OR UNIT OR UNITS OR APPARATUS?? OR ORGANI?ER? OR TERMINAL? OR APPLIANCE?) OR RADIOPAGER? OR PAGER? ? OR PAGING- G(1W) (DEVICE? ? OR UNIT OR UNITS OR APPARATUS? OR TERMINAL? OR APPLIANCE?) OR PERSONAL {} DISPLAY??? {} (DEVICE? ? OR UNIT OR - UNITS OR APPARATUS? OR TERMINAL? OR APPLIANCE? OR CLIENT? ? OR PC OR PCS OR COMPUTER? ?) |
| S8 | 156295 | PALMSIZE? OR PALMHELD? OR HANDYPHONE? OR WORLDPHONE? OR GO- PHONE? OR (HANDY OR WORLD OR GO) {} (PHONE OR PHONES OR TELEPHO- NE? ?) OR PORTABLE {} ELECTRONIC {} DEVICE? ? OR PED OR PEDS OR P- HS OR TABLET? ? OR (ULTRAMOBILE OR ULTRA {} MOBILE OR POCKET) {} - {PC OR PCS) OR ORIGAMI OR UMPC OR UMPCS P NOTEPAD? ? OR NOTE- {} (PAD OR PADS) OR TABLET? ? OR PEN {} (TOP OR TOPS) OR NETBOOK? ? OR NET {} (BOOK OR BOOKS) |
| S9 | 1176 | UMPCS OR NOTEPAD? ? |
| S10 | 3 | S4 AND S5 |
| S11 | 0 | S10 AND S2 |
| S12 | 6 | S5(30N) S3 |
| S13 | 6 | S12 NOT S10 |

S14 501 S1(30N)S3
 S15 11 S14 AND S2
 S16 9 S15 NOT (S10 OR S13)

File 2:INSPEC 1898-2012/Jan W2
 (c) 2012 The IET
 File 6:NTIS 1964-2012/Jan W2
 (c) 2012 NTIS, Intl Cpyrghr All Rights Res
 File 8:EI Compendex(R) 1884-2012/Jan W3
 (c) 2012 Elsevier Eng. Info. Inc.
 File 34:SciSearch(R) Cited Ref Sci 1990-2012/Jan W3
 (c) 2012 The Thomson Corp
 File 35:Dissertation Abs Online 1861-2011/Dec
 (c) 2012 ProQuest Info&Learning
 File 56:Computer and Information Systems Abstracts 1966-2011/Dec
 (c) 2011 CSA.
 File 67:World Textiles 1968-2010/Aug
 (c) 2010 Elsevier B.V.
 File 60:ANTE: Abstracts in New Tech & Engineer 1966-2011/Dec
 (c) 2011 CSA.
 File 65:Inside Conferences 1993-2012/Jan 18
 (c) 2012 BLDSC all rts. reserv.
 File 95:TEME-Technology & Management 1989-2010/Oct W3
 (c) 2010 FIZ TECHNIK
 File 99:Wilson Appl. Sci & Tech Abs 1983-2011/Nov
 (c) 2011 The HW Wilson Co.
 File 144:Pascal 1973-2012/Jan W2
 (c) 2012 INIST/CNRS
 File 266:FEDRIP 2011/Nov
 Comp & dist by NTIS, Intl Copyright All Rights Res
 File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
 (c) 2006 The Thomson Corp

| Set | Items | Description |
|-----|--------|---|
| S1 | 169255 | MENU OR MENUS OR BILL(1W)FARE OR CARTE OR CARTES |
| S2 | 1270 | S1(10N) (RESTAURANT? ? OR CAFE OR CAFES OR CAFETERIA? ? OR - EATERY? ? OR EATERIES OR LUNCHEONETTE? ? OR LUNCHROOM? ? OR B- ISTRO? ? OR COFFEEHOUSE? ? OR DINER OR DINERS OR DINETTE? ? OR (DINING OR EATING OR LUNCH??? ?) () (PLACE? ? OR ESTABLISHMENT? ? OR FACILIT??? OR ROOM OR ROOMS OR HALL OR HALLS OR CAR OR - CARS OR HOUSE? ?) OR FOOD OR TAKEOUT? ? OR TAKE() (OUT OR OUTS) OR REFECTOR??? ? OR MESSROOM? ? OR MESSHAL? ? OR MESS() (HALL OR HALLS OR ROOM OR ROOMS) OR COMMONS OR COFFEE() (SHOP OR SH- OPS OR HOUSE? ?) OR COFFEEESHOP? ? OR COFFEEHOUSE? ? OR PUB OR PUBS OR TAVERN? ? OR LUNCHCOUNTER? ? OR LUNCH() COUNTER? ? OR - TRATTORIA? ? OR PIZZERIA? ? OR AUTOMAT OR AUTOMATS OR CANTEEN? ?) |
| S3 | 498603 | SYNCHRONI? OR SYN OR SYNC????? ? OR HOTSYN? OR DATASYN? - OR MULTISYN? OR RESYN? OR AUTOSYN? OR SUPERSYN? OR OMNISY- NC? |
| S4 | 25688 | S3(5N) (REALTIME OR REAL() TIME OR LIVE OR IMMEDIA? OR DYNAM- IC? OR FLY OR ONGOING OR ON() GOING OR NONSTATIC OR NON() STATIC OR INSTANT? OR PROMPT?) |
| S5 | 673 | (MASTER OR MAIN OR PRIMARY OR PARENT OR PRINCIPAL OR PRINC- IPLE OR ANCESTOR OR ALPHA OR LEAD??? ? OR CHIEF OR EXECUTIVE - OR CENTRAL OR AUTHORITY OR FIRST OR 1ST) (1W)S1 |
| S6 | 398385 | HANDHELD? OR HAND() (HELD OR HELDS) OR IPAQ OR IFAQS OR PDD OR PDDS OR HPC OR HPCS OR WINCE OR VISOR OR PDA OR PDAS OR HAN- DSPRING? ? OR PIM OR PIMS OR PALMPILOT? ? OR PALMTOP? ? OR P- ALM OR IPAD OR IPADS OR DROID? ? OR ANDROID? ? OR PALMONE? OR NEWTON? ? OR BLACKBERR? OR TREQ? ? OR IPHONE? OR I() (PHONE OR PHONES OR PAD OR PADS) OR (PEN OR STYLUS OR POCKET) (2W) (COMPU- TER? ? OR DEVICE? ?) OR POCKETPC? OR SMARTPHONE? OR RADIOTELE- PHONE? OR RADIOPHONE? OR PENTOP? ? OR PERSONAL() INFORMATION()- MANAGER? OR PERSONAL() (DIGITAL OR DATA OR ENTERTAIN?) () (ASSIS- TANT? ? OR ORGANI?ER? ?) OR CELLPHONE? OR MOBILEPHONE? OR EL- ELECTRONIC() ORGANI?ER? ? OR DIGITAL() ASSISTANT? OR (CELLULAR OR CELL OR MOBILE) (2W) (DEVICE? ? OR CLIENT? ? OR APPLIANCE? ? OR NODE OR NODES OR ENTITY? ? OR ENTITIES) |
| S7 | 307969 | (RADIO OR SMART OR CELL OR CELLULAR OR MOBILE OR WIRELESS? OR WIRE() LESS OR DIGITAL OR VIDEO) (1W) (TELEPHONE? OR PHONE OR PHONES OR HANDSET? ? OR HAND() (SET OR SETS) OR COMMUNICATOR? - ?) OR (SELFCONTAINED OR SELF() CONTAINED OR MOBILE OR PORTABLE OR WIRELESS OR WIRE() LESS OR POCKET OR IR OR INFRARED OR PERV- ASIVE OR BLUETOOTH OR RADIOSIGNAL OR RADIO() SIGNAL OR SATELLI- TE OR GPS OR GLOBAL() POSITION??? ? OR MESSAGING OR IRDA OR IN- FRARED() DATA OR 802) (2W) (CLIENT? ? OR PC OR PCS OR COMPUTER? ? OR DEVICE? ? OR UNIT OR UNITS OR APPARATUS?? OR ORGANI?ER? OR TERMINAL? OR APPLIANCE?) OR RADIOPAGER? OR PAGER? ? OR PAGIN- G(1W) (DEVICE? ? OR UNIT OR UNITS OR APPARATUS? OR TERMINAL? OR APPLIANCE?) OR PERSONAL() DISPLAY???() (DEVICE? ? OR UNIT OR - UNITS OR APPARATUS? OR TERMINAL? OR APPLIANCE? OR CLIENT? ? OR PC OR PCS OR COMPUTER? ?) |
| S8 | 162615 | PALMSIZE? OR PALMHELD? OR HANDYPHONE? OR WORLDPHONE? OR GO- PHONE? OR (HANDY OR WORLD OR GO) () (PHONE OR PHONES OR TELEPHO- |

NE? ?) OR PORTABLE()ELECTRONIC()DEVICE? ? OR PED OR PEDS OR P-
 HS OR TABLET? ? OR (ULTRAMOBILE OR ULTRA()MOBILE OR POCKET) () -
 (PC OR PCS) OR ORIGAMI OR UMPC OR UMPCS P NOTEPAD? ? OR NOTE-
 () (PAD OR PADS) OR TABLET? ? OR PEN() (TOP OR TOPS) OR NETBOOK?
 ? OR NET() (BOOK OR BOOKS)
 S9 724 UMPCS OR NOTEPAD? ?
 S10 0 S4 AND S5
 S11 1 S5(30N)S3
 S12 313 S1(30N)S3
 S13 1 S12 AND S2
 S14 1 S13 NOT S11
 S15 416 AU=(MCNALLY K? OR MCNALLY, K?)
 S16 60 AU=(ROOF W? OR ROOF, W?)
 S17 71 AU=(BERGFELD R? OR BERGFELD, R?)
 S18 547 S15:S17
 S19 0 S16 AND S2
 S20 0 S18 AND S4
 S21 0 S18 AND S12

File 348:EUROPEAN PATENTS 1978-201152
 (c) 2011 European Patent Office
 File 349:PCT FULLTEXT 1979-2012/UB=20120112|UT=20120105
 (c) 2012 WIPO/Thomson

| Set | Items | Description |
|-----|--------|--|
| S1 | 149066 | MENU OR MENUS OR BILL(1W)FARE OR CARTE OR CARTES |
| S2 | 1805 | S1(10N) (RESTAURANT? ? OR CAFE OR CAFES OR CAFETERIA? ? OR - EATERY? ? OR EATERIES OR LUNCHEONETTE? ? OR LUNCHROOM? ? OR B- ISTRO? ? OR COFFEEHOUSE? ? OR DINER OR DINERS OR DINETTE? ? OR (DINING OR EATING OR LUNCH??? ?) () (PLACE? ? OR ESTABLISHMENT? ? OR FACILIT??? OR ROOM OR ROOMS OR HALL OR HALLS OR CAR OR - CARS OR HOUSE? ?) OR FOOD OR TAKEOUT? ? OR TAKE () (OUT OR OUTS) OR REFECTOR??? ? OR MESSROOM? ? OR MESSHALL? ? OR MESS () (HALL OR HALLS OR ROOM OR ROOMS) OR COMMONS OR COFFEE () (SHOP OR SH- OPS OR HOUSE? ?) OR COFFEESHOP? ? OR COFFEEHOUSE? ? OR PUB OR PUBS OR TAVERN? ? OR LUNCHCOUNTER? ? OR LUNCH () COUNTER? ? OR - TRATTORIA? ? OR PIZZERIA? ? OR AUTOMAT OR AUTOMATS OR CANTEN? ?) |
| S3 | 332026 | SYNCHRONI? OR SYN OR SYNC????? ? OR HOTSYN? OR DATASYN? - OR MULTISYN? OR RESYN? OR AUTOSYN? OR SUPERSYN? OR OMNISY- NC? |
| S4 | 9618 | S3(5N) (REALTIME OR REAL()TIME OR LIVE OR IMMEDIA? OR DYNAM- IC? OR FLY OR ONGOING OR ON()GOING OR NONSTATIC OR NON()STATIC OR INSTANT? OR PROMPT?) |
| S5 | 6859 | (MASTER OR MAIN OR PRIMARY OR PARENT OR PRINCIPAL OR PRINC- IPLE OR ANCESTOR OR ALPHA OR LEAD??? ? OR CHIEF OR EXECUTIVE - OR CENTRAL OR AUTHORITY OR FIRST OR 1ST) (1W)S1 |
| S6 | 2 | S4(100N)S5 |
| S7 | 0 | S6 AND S2 |
| S8 | 39 | S5(30N)S3 |
| S9 | 0 | S8 AND S2 |
| S10 | 1931 | S1(30N)S3 |
| S11 | 22 | S10 AND S2 |

File 696:DIALOG Telecom. Newsletters 1995-2012/Jan 18
 (c) 2012 Dialog
 File 9:Business & Industry(R) Jul/1994-2012/Jan 17
 (c) 2012 Gale/Cengage
 File 15:ABI/Inform(R) 1971-2012/Jan 17
 (c) 2012 ProQuest Info&Learning
 File 484:Periodical Abs Plustext 1986-2012/Jan 18
 (c) 2012 ProQuest
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc
 File 613:PR Newswire 1999-2012/Jan 18
 (c) 2012 PR Newswire Association Inc
 File 635:Business Dateline(R) 1985-2012/Jan 18
 (c) 2012 ProQuest Info&Learning
 File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire
 File 610:Business Wire 1999-2012/Jan 18
 (c) 2012 Business Wire.
 File 369:NEW SCIENTIST 1994-2010/JAN W5
 (c) 2010 REED BUSINESS INFORMATION LTD.
 File 370:Science 1996-1999/Jul W3
 (c) 1999 AAAS
 File 16:Gale Group PROMT(R) 1990-2012/Jan 12
 (c) 2012 Gale/Cengage
 File 47:Gale Group Magazine DB(TM) 1959-2012/Dec 12
 (c) 2012 Gale/Cengage
 File 148:Gale Group Trade & Industry DB 1976-2012/Jan 13

(c) 2012 Gale/Cengage
 File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
 File 275:Gale Group Computer DB(TM) 1983-2012/Jan 17
 (c) 2012 Gale/Cengage
 File 621:Gale Group New Prod.Annou.(R) 1985-2012/Jan 17
 (c) 2012 Gale/Cengage
 File 624:McGraw-Hill Publications 1985-2012/Jan 18
 (c) 2012 McGraw-Hill Co. Inc
 File 636:Gale Group Newsletter DB(TM) 1987-2012/Jan 13
 (c) 2012 Gale/Cengage
 File 647:UBM Computer Fulltext 1988-2012/Jan W3
 (c) 2012 UBM, LLC
 File 674:Computer News Fulltext 1989-2006/Sep W1
 (c) 2006 IDG Communications

| Set | Items | Description |
|-----|---------|---|
| S1 | 1094224 | MENU OR MENUS OR BILL(1W)FARE OR CARTE OR CARTES |
| S2 | 196393 | S1(10N){RESTAURANT? ? OR CAFE OR CAFES OR CAFETERIA? ? OR - EATERY? ? OR EATERIES OR LUNCHEONETTE? ? OR LUNCHROOM? ? OR B- ISTRO? ? OR COFFEEHOUSE? ? OR DINER OR DINERS OR DINETTE? ? OR (DINING OR EATING OR LUNCH??? ?) {} (PLACE? ? OR ESTABLISHMENT? ? OR FACILIT??? OR ROOM OR ROOMS OR HALL OR HALLS OR CAR OR - CARS OR HOUSE? ?) OR FOOD OR TAKEOUT? ? OR TAKE {} (OUT OR OUTS) OR REFECTOR??? ? OR MESSROOM? ? OR MESSHALL? ? OR MESS {} (HALL OR HALLS OR ROOM OR ROOMS) OR COMMONS OR COFFEE {} (SHOP OR SH- OPS OR HOUSE? ?) OR COFFEEESHOP? ? OR COFFEEHOUSE? ? OR PUB OR PUBS OR TAVERN? ? OR LUNCHCOUNTER? ? OR LUNCH {} COUNTER? ? OR - TRATTORIA? ? OR PIZZERIA? ? OR AUTOMAT OR AUTOMATS OR CANTEEN? ?) |
| S3 | 615234 | SYNCHRONI? OR SYN OR SYNC????? ? OR HOTSYN? OR DATASYN? - OR MULTISYN? OR RESYN? OR AUTOSYN? OR SUPERSYN? OR OMNISY- NC? |
| S4 | 24855 | S3(5N) (REALTIME OR REAL {} TIME OR LIVE OR IMMEDIA? OR DYNAM- IC? OR FLY OR ONGOING OR ON {} GOING OR NONSTATIC OR NON {} STATIC OR INSTANT? OR PROMPT?) |
| S5 | 21124 | (MASTER OR MAIN OR PRIMARY OR PARENT OR PRINCIPAL OR PRINC- IPLE OR ANCESTOR OR ALPHA OR LEAD??? ? OR CHIEF OR EXECUTIVE - OR CENTRAL OR AUTHORITY OR FIRST OR 1ST) (1W) S1 |
| S6 | 4 | S4(100N) S5 |
| S7 | 100 | S5(30N) S3 |
| S8 | 1 | S7 AND S2 |
| S9 | 4048 | S1(30N) S3 |
| S10 | 90 | S9(100N) S2 |
| S11 | 95 | S6 OR S8 OR S10 |
| S12 | 29 | S11 NOT S11/2000:2012 |
| S13 | 25 | RD (unique items) |
| S14 | 98 | AU=(MCNALLY K? OR MCNALLY, K?) |
| S15 | 53 | AU=(ROOF W? OR ROOF, W?) |
| S16 | 0 | AU=(BERGFELD R? OR BERGFELD, R?) |
| S17 | 151 | S14:S15 |
| S18 | 0 | S17 AND (S2 OR S4 OR S9) |

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|---------------------|
| L1 | 1 | 11/112990.app. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L2 | 44 | ("20010047302" "20010047302" "20030067494" "20030107588" "20030067494" "20030107588" "5724069" "5802526" "5912743" "5991739" "5724069" "5802526" "5912743" "5991739" "6038545" "6107944" "6167255" "6208976" "6219696" "6301564" "6341316" "6421717" "6553412" "6779042" "6839744" "6885261" "6920431" "6973437" "6038545" "6107944" "6167255" "6208976" "6219696" "6301564" "6341316" "6421717" "6553412" "6779042" "6839744" "6865261" "6920431" "6973437" "7000032" "7000032").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L3 | 8627 | (715/810-845).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L4 | 0 | ("I3and@ad<= 19990921").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L5 | 1745 | L3 and @ad<= "19990921" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L6 | 2545 | L3 and @ad<= "20011101" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L7 | 8627 | (715/810-845).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; | OR | OFF | 2012/01/19 16:07 |

| | | | IBM_TDB | | | |
|-----|------|---|---|----|-----|---------------------|
| L8 | 1745 | L7 and @ad<="19990921" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L9 | 98 | L8 and (PDA or palm or handheld) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L10 | 8 | L8 and (PDA or palm or handheld).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L11 | 8627 | (715/810-845).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L12 | 1745 | L11 and @ad<="19990921" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L13 | 0 | L12 and resturant same menu | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L14 | 9 | L12 and restaurant same menu | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L15 | 27 | ("5724069" "5802526" "5912734" "5991739" "6107944").PN. OR ("6384850").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L16 | 1 | 09/400413.app. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L17 | 27 | ("5724069" "5802526" "5912734" "5991739" "6107944").PN. OR ("6384850").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L18 | 44 | ("20010047302" "20010047302" "20030067494" "20030107588" "20030067494" "20030107588" "5724069" "5802526" "5912743" "5991739" "5724069" "5802526" "5912743" "5991739" "6038545" "6107944" "6167255" "6208976" "6219696" "6301564" "6341316" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |

| | | | | | | |
|-----|------|--|---|----|-----|---------------------|
| | | "6421717" "6553412" "6779042" "6839744" "6885261" "6920431" "6973437" "6038545" "6107944" "6167255" "6208976" "6219696" "6301564" "6341316" "6421717" "6553412" "6779042" "6839744" "6865261" "6920431" "6973437" "7000032" "7000032").PN. | | | | |
| L19 | 34 | ("4468750" "4547851" "4553222" "4851994" "5003472" "5128862" "5235509" "5262938" "5377319" "5454721" "5566069" "5594920" "5606374" "5657461").PN. OR ("5912743").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L20 | 7 | ("5724069" "5802526" "5912743" "5991739" "6107944").PN. OR ("6871325").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L21 | 21 | ("20010018660" "4415065" "4530067" "4553222" "4777488" "4797818" "5003472" "5128862" "5220677" "5235509" "5504589" "5590407" "5838798" "5845263" "5912743" "5991749" "6473739" "6754636").PN. OR ("7174308").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L22 | 1 | 11/112990.app. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L23 | 44 | ("20010047302" "20010047302" "20030067494" "20030107588" "20030067494" "20030107588" "5724069" "5802526" "5912743" "5991739" "5724069" "5802526" "5912743" "5991739" "6038545" "6107944" "6167255" "6208976" "6219696" "6301564" "6341316" "6421717" "6553412" "6779042" "6839744" "6885261" "6920431" "6973437" "6038545" "6107944" "6167255" "6208976" "6219696" "6301564" "6341316" "6421717" "6553412" "6779042" "6839744" "6865261" "6920431" "6973437" "7000032" "7000032").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L24 | 8627 | (715/810-845).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L25 | 0 | ("I3and@ad<=19990921").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L26 | 1745 | L24 and @ad<="19990921" | US-PGPUB; USPAT; USOCR; | OR | ON | 2012/01/19 16:07 |

| | | | | | | |
|-----|------|--|---|----|-----|---------------------|
| | | | EPO; JPO; DERWENT; IBM_TDB | | | |
| L27 | 2545 | L24 and @ad<="20011101" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L28 | 8627 | (715/810-845).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L29 | 1745 | L28 and @ad<="19990921" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L30 | 98 | L29 and (PDA or palm or handheld) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L31 | 8 | L29 and (PDA or palm or handheld).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L32 | 8627 | (715/810-845).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L33 | 1745 | L32 and @ad<="19990921" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L34 | 0 | L33 and resturant same menu | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L35 | 9 | L33 and restaurant same menu | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L36 | 27 | ("5724069" "5802526" "5912734" "5991739" "6107944").FN. OR ("6384850").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |

| | | | | | | |
|-----|------|--|---|----|----|---------------------|
| L37 | 1 | 09/400413.app. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L38 | 27 | ("5724069" "5802526" "5912734" "5991739" "6107944").PN. OR ("6384850").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L39 | 44 | ("20010047302" "20010047302" "20030067494" "20030107588" "20030067494" "20030107588" "5724069" "5802526" "5912743" "5991739" "5724069" "5802526" "5912743" "5991739" "6038545" "6107944" "6167255" "6208976" "6219696" "6301564" "6341316" "6421717" "6553412" "6779042" "6839744" "6885261" "6920431" "6973437" "6038545" "6107944" "6167255" "6208976" "6219696" "6301564" "6341316" "6421717" "6553412" "6779042" "6839744" "6865261" "6920431" "6973437" "7000032" "7000032").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L40 | 132 | L19 L20 L21 L36 L38 L39 L31 L35 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L41 | 1190 | ("20010018660" "20010047384" "20020057298" "20030078793" "3237198" "3304416" "3340416" "3445633" "3588838" "3622995" "3668307" "3691295" "3746780" "3752908" "3757225" "3786421" "3814285" "3814841" "3826344" "3836888" "3868638" "3903402" "3931497" "3968327" "4001785" "4001807" "4005388" "4008369" "4028733" "4054911" "4064490" "4073368" "4075686" "4084229" "4086475" "4104617" "4115870" "4117605" "4122519" "4128757" "4143360" "4164024" "4169521" "4191956" "4209255" "4222111" "4247106" "4247759" "4251691" "4259667" "4264925" "4268826" "4283709" "4296476" "4300040" "4303916" "4306388" "4333152" "4335880" "4388689" "4396985" "4415065" "4449186" "4451895" "4468750" "4530067" "4547851" "4553222" "4567359" "4569421" "4582172" "4593183" "4638312" "4648062" "4675515" "4722053" "4775935" "4777488" "4797818" "4837693" "4851994" "4858743" "4882475" "4899276" "4971406" "4982346" "5003472" "5077607" "5128862" "5198976" "5220677" "5235509" "5262938" "5287102" "5377319" "5444444" "5454721" "5504589" "5508699" "5533107" "5533182" "5559707" "5566069" | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |

| | | | | | | |
|-----|-----|--|---|----|----|---------------------|
| | | "5590407" "5594920" "5606374" "5634019" "5648770" "5655008" "5657461" "5664110" "5699518" "5742521" "5797125" "5838798" "5845263" "5883810" "5889268" "5912743" "5914671" "5918213" "5943399" "5950130").PN. OR ("5969968" "5991749" "6020881" "6026375" "6047197" "6085976" "6195004" "6208976" "6362841" "6384850" "6404442" "6466236" "6473739" "6668177" "6754636" "6760754").PN. OR ("2003/0067494" "4415065" "4553222" "4638312" "5235509" "5781189" "5912743" "5991739" "6473739" "6920431" "6996777" "7174308").URPN. | | | | |
| L42 | 456 | L41 and @ad<="19990921" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L43 | 425 | L42 not L40 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L44 | 24 | L43 and menu and (PDA or palm or handheld) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L45 | 2 | (GB-2196766-\$).did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L46 | 6 | (GB-2196766-\$ or EP-0779759-\$ WO- 9820434-\$ or WO-9841936-\$).did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L47 | 0 | (EP-0779759-\$).did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L48 | 2 | (EP-779759-\$).did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L49 | 8 | (GB-2196766-\$ or EP-779759-\$ WO- 9820434-\$ or WO-9841936-\$).did. | US-PGPUB; USPAT; USOCR; | OR | ON | 2012/01/19 16:07 |

| | | | | | | |
|-----|------|--|---|----|-----|---------------------|
| | | | EPO; JPO; DERWENT; IBM_TDB | | | |
| L50 | 9 | (US-20030067494-\$).did. or (US-5912743-\$ or US-5781189-\$ or US-5235509-\$ or US-4638312-\$ or US-6996777-\$ or US-5991739-\$ or US-7174308-\$ or US-4415065-\$ or US-6473739-\$ or US-6920431-\$ or US-4553222-\$ or US-6125356-\$).did. or (GB-2196766-\$ or WO-9820434-\$).did. | US-PGPUB; USPAT; EPO | OR | ON | 2012/01/19 16:07 |
| L51 | 2 | L50 and first adj menu | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L52 | 34 | ("4468750" "4547851" "4553222" "4851994" "5003472" "5128862" "5235509" "5262938" "5377319" "5454721" "5566069" "5594920" "5606374" "5657461").PN. OR ("5912743").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L53 | 7 | ("5724069" "5802526" "5912743" "5991739" "6107944").PN. OR ("6871325").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L54 | 21 | ("20010018660" "4415065" "4530067" "4553222" "4777488" "4797818" "5003472" "5128862" "5220677" "5235509" "5504589" "5590407" "5838798" "5845263" "5912743" "5991749" "6473739" "6754636").PN. OR ("7174308").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L55 | 8627 | (715/810-845).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L56 | 1745 | L55 and @ad<="19990921" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L57 | 8 | L56 and (PDA or palm or handheld).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L58 | 8627 | (715/810-845).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L59 | 1745 | L58 and @ad<="19990921" | US-PGPUB; USPAT; USOCR; EPO; JPO; | OR | ON | 2012/01/19 16:07 |

| | | | | | | |
|-----|-----|--|---|----|----|---------------------|
| | | | DERWENT; IBM_TDB | | | |
| L60 | 9 | L59 and restaurant same menu | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L61 | 27 | ("5724069" "5802526" "5912734" "5991739" "6107944").PN. OR ("6384850").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L62 | 27 | ("5724069" "5802526" "5912734" "5991739" "6107944").PN. OR ("6384850").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L63 | 44 | ("20010047302" "20010047302" "20030067494" "20030107588" "20030067494" "20030107588" "5724069" "5802526" "5912743" "5991739" "5724069" "5802526" "5912743" "5991739" "6038545" "6107944" "6167255" "6208976" "6219696" "6301564" "6341316" "6421717" "6553412" "6779042" "6839744" "6885261" "6920431" "6973437" "6038545" "6107944" "6167255" "6208976" "6219696" "6301564" "6341316" "6421717" "6553412" "6779042" "6839744" "6865261" "6920431" "6973437" "7000032" "7000032").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L64 | 132 | L52 L53 L54 L61 L62 L63 L57 L60 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L65 | 2 | L64 and chen.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L66 | 10 | (US-20030067494-\$).did. or (US-5912743-\$ or US-5781189-\$ or US-5235509-\$ or US- 4638312-\$ or US-6996777-\$ or US-5991739- \$ or US-7174308-\$ or US-4415065-\$ or US- 6473739-\$ or US-6920431-\$ or US-4553222- \$ or US-6125356-\$ or US-5724069-\$).did. or (GB-2196766-\$ or WO-9820434-\$).did. | US-PGPUB; USPAT; EPO | OR | ON | 2012/01/19 16:07 |
| L67 | 0 | L66 and handwriting | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L68 | 44 | ("20010047302" "20010047302" "20030067494" "20030107588" "20030067494" "20030107588" "5724069" "5802526" "5912743" "5991739" "5724069" "5802526" "5912743" "5991739" "6038545" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |

| | | | | | | |
|-----|--------|---|---|----|-----|---------------------|
| | | "6107944" "6167255" "6208976" "6219696" "6301564" "6341316" "6421717" "6553412" "6779042" "6839744" "6885261" "6920431" "6973437" "6038545" "6107944" "6167255" "6208976" "6219696" "6301564" "6341316" "6421717" "6553412" "6779042" "6839744" "6865261" "6920431" "6973437" "7000032" "7000032").PN. | | | | |
| L69 | 1 | L68 and handwriting | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L70 | 2 | ("6982733").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L71 | 2 | ("6384850").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L72 | 4 | L70 or L71 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L73 | 17 | (US-20030067494-\$).did. or (US-5912743-\$ or US-5781189-\$ or US-5235509-\$ or US- 4638312-\$ or US-6996777-\$ or US-5991739- \$ or US-7174308-\$ or US-4415065-\$ or US- 6473739-\$ or US-6920431-\$ or US-4553222- \$ or US-6125356-\$ or US-5724069-\$ or US- 6301564-\$).did. or (GB-2196766-\$ or WO- 9820434-\$).did. | US-PGPUB; USPAT; EPO | OR | ON | 2012/01/19 16:07 |
| L74 | 6 | ("5724069" "5802526" "5912734" "5912743" "5991739" "6107944").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L75 | 18 | L73 L74 | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L76 | 646380 | L75 and cell adj phone or cellular | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L77 | 5 | L75 and (cell adj phone or cellular) | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L78 | 21 | ("20010018660" "4415065" "4530067" "4553222" "4777488" "4797818" "5003472" "5128862" "5220677" "5235509" "5504589" "5590407" "5838798" "5845263" "5912743" "5991749" "6473739" "6754636").PN. OR | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |

| | | | | | | |
|-----|----|---|---|----|-----|---------------------|
| | | ("7174308").URPN. | | | | |
| L79 | 6 | L78 and (cell adj phone or cellular) | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L80 | 2 | ("5848373").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L81 | 2 | ("5937041").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L82 | 2 | ("5522089").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L83 | 86 | ("0000000" "20010047302" "20010047302" "20030067494" "20030067494" "20030107588" "20030067494" "20030107588" "4415065" "4530067" "4553222" "4638312" "5003472" "5235509" "5510979" "5724069" "5724069" "5781189" "5802526" "5845263" "5912743" "5912743" "5937041" "5969968" "5991739" "5991739" "5724069" "5802526" "5912743" "5991739" "6038545" "6107944" "6125356" "6167255" "6208976" "6219696" "6301564" "6301564" "6341316" "6421717" "6425524" "6435406" "6473739" "6553412" "6779042" "6839744" "6880750" "6885261" "6920431" "6920431" "6973437" "6996777" "6038545" "6107944" "6167255" "6208976" "6219696" "6301564" "6341316" "6421717" "6553412" "6779042" "6839744" "6865261" "6920431" "6973437" "7000032" "7174308" "7234640" "7000032").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L84 | 0 | L83 and realtime | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L85 | 17 | L83 and real adj time | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L86 | 7 | L83 and real adj time and restaurant | US-PGPUB; USPAT; | OR | ON | 2012/01/19 16:07 |

| | | | | | | |
|-----|---------|--|---|----|-----|---------------------|
| | | | USOCR; EPO; JPO; DERWENT; IBM_TDB | | | |
| L87 | 0 | L83 and real adj time same menu and restaurant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L88 | 6 | L83 and real adj time and menu and restaurant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L89 | 2 | ("6593944").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L90 | 86 | ("20020059244" "6151622" "6266684" "6300947" "6430624").PN. OR ("6593944").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L91 | 2937937 | @ad<="19990921" | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L92 | 3 | L91 and L90 | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L93 | 2 | ("6384850").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L94 | 86 | ("0000000" "20010047302" "20010047302" "20030067494" "20030067494" "20030107588" "20030067494" "20030107588" "4415065" "4530067" "4553222" "4638312" "5003472" "5235509" "5510979" "5724069" "5724069" "5781189" "5802526" "5845263" "5912743" "5912743" "5937041" "5969968" "5991739" "5991739" "5724069" "5802526" "5912743" "5991739" "6038545" "6107944" "6125356" "6167255" "6208976" "6219696" "6301564" "6301564" "6341316" "6421717" "6425524" "6435406" "6473739" "6553412" "6779042" "6839744" "6880750" "6885261" "6920431" "6920431" "6973437" "6996777" "6038545" "6107944" "6167255" "6208976" "6219696" "6301564" "6341316" "6421717" "6553412" "6779042" "6839744" "6865261" "6920431" "6973437" "7000032" "7174308" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |

| | | | | | | |
|------|----|---|---|----|-----|---------------------|
| | | "7234640" "7000032").PN. | | | | |
| L95 | 6 | L94 and real adj time and menu and restaurant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L96 | 4 | L95 and (cellphone or phone or PDA or wireless) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L97 | 2 | ("5128862").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L98 | 2 | ("5839905").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L99 | 0 | ("5664110,4415065,4469421,5235509,").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L100 | 0 | ("5664110 4415065 4469421 5235509").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L101 | 11 | ("5664110" "4415065" "4469421" "5235509").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L102 | 0 | L101 and (cell adj phone or pda) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L103 | 0 | L101 and (cellphone or pda) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L104 | 1 | L101 and (cellular) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; | OR | ON | 2012/01/19 16:07 |

| | | | IBM_TDB | | | |
|------|----|---|---|----|-----|---------------------|
| L105 | 3 | ("4547851").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L106 | 3 | ("4264925").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L107 | 2 | ("5905959").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L108 | 2 | WO-9841936-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L109 | 1 | 08/819419.app. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L110 | 2 | "20020059405" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L111 | 2 | ("20020059405").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L112 | 22 | (US-20030067494-\$ or US-20020059405-\$).did. or (US-5912743-\$ or US-5781189-\$ or US-5235509-\$ or US-4638312-\$ or US-6996777-\$ or US-5991739-\$ or US-7174308-\$ or US-4415065-\$ or US-6473739-\$ or US-6920431-\$ or US-4553222-\$ or US-6125356-\$ or US-5724069-\$ or US-6301564-\$ or US-6300947-\$ or US-4547851-\$ or US-6038545-\$ or US-6973437-\$).did. or (GB-2196766-\$ or WO-9820434-\$).did. | US-PGPUB; USPAT; EPO | OR | ON | 2012/01/19 16:07 |
| L113 | 3 | L112 and frame | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L114 | 2 | ("6982733").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; | OR | OFF | 2012/01/19 16:07 |

| | | | | | | |
|------|-------|---|--|----|-----|---------------------|
| | | | DERWENT; IBM_TDB | | | |
| L115 | 2 | ("6384850").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L116 | 2 | (US-6982733-\$ or US-6384850-\$).did. | USPAT | OR | ON | 2012/01/19 16:07 |
| L117 | 0 | 11/112990.app. | USPAT | OR | ON | 2012/01/19 16:07 |
| L118 | 1 | 11/112990.app. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L119 | 2 | ("7234640").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L120 | 24 | (US-20030067494-\$ or US-20020059405-\$).did. or (US-5912743-\$ or US-5781189-\$ or US-5235509-\$ or US-4638312-\$ or US-6996777-\$ or US-5991739-\$ or US-7174308-\$ or US-4415065-\$ or US-6473739-\$ or US-6920431-\$ or US-4553222-\$ or US-6125356-\$ or US-5724069-\$ or US-6301564-\$ or US-6300947-\$ or US-4547851-\$ or US-6038545-\$ or US-6973437-\$ or US-6982733-\$ or US-6384850-\$).did. or (GB-2196766-\$ or WO-9820434-\$).did. | US-PGPUB; USPAT; EPO | OR | ON | 2012/01/19 16:07 |
| L121 | 9 | L120 and (realtime real adj time real-time) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L122 | 24 | (US-20030067494-\$ or US-20020059405-\$).did. or (US-5912743-\$ or US-5781189-\$ or US-5235509-\$ or US-4638312-\$ or US-6996777-\$ or US-5991739-\$ or US-7174308-\$ or US-4415065-\$ or US-6473739-\$ or US-6920431-\$ or US-4553222-\$ or US-6125356-\$ or US-5724069-\$ or US-6301564-\$ or US-6300947-\$ or US-4547851-\$ or US-6038545-\$ or US-6973437-\$ or US-6982733-\$ or US-6384850-\$).did. or (GB-2196766-\$ or WO-9820434-\$).did. | US-PGPUB; USPAT; EPO | OR | ON | 2012/01/19 16:07 |
| L123 | 13 | L122 and internet | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L124 | 20676 | real adj time with wireless | US-PGPUB; | OR | ON | 2012/01/19 |

| | | | | | | |
|------|------|---|---|----|----|---------------------|
| | | | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | | | 16:07 |
| L125 | 586 | real adj time with synchron\$ with wireless | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L126 | 16 | L125 and @ad<="19990921" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L127 | 689 | L124 and @ad<="19990921" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L128 | 14 | L127 and restaurant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L129 | 443 | L124 and @ad<="19980921" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L130 | 8036 | real adj time with wireless with data | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L131 | 148 | L130 and @ad<="19980921" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L132 | 13 | L131 and (restaurant or hospital\$) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L133 | 3019 | instant\$ with wireless with data | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L134 | 38 | L133 and @ad<="19980921" | US-PGPUB; | OR | ON | 2012/01/19 |

| | | | | | | |
|------|------|---|---|----|-----|---------------------|
| | | | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | | | 16:07 |
| L135 | 1 | L133 and @ad<="19980921" and restaurant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L136 | 1371 | real adj time near3 synchron\$ and @ad<="19980921" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L137 | 43 | real adj time near3 synchron\$ same (wireless radio) and @ad<="19980921" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L138 | 34 | L137 not (L134 L128 L126) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L139 | 3 | real adj time near3 synchron\$ and @ad<="19980921" and restaurant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L140 | 68 | Berkobin.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L141 | 69 | "5475748" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L142 | 2 | ("5475748").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L143 | 2 | ("5724069").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L144 | 2 | ("5802526").PN. | US-PGPUB; | OR | OFF | 2012/01/19 |

| | | | | | | |
|------|-----|--|---|----|-----|---------------------|
| | | | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | | | 16:07 |
| L145 | 2 | ("5850214").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L146 | 1 | (EP-588646-\$).did. | DERWENT | OR | ON | 2012/01/19 16:07 |
| L147 | 1 | (EP-1022035-\$).did. | DERWENT | OR | ON | 2012/01/19 16:07 |
| L148 | 0 | (EP-0739526-\$).did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L149 | 1 | (EP-739526-\$).did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L150 | 229 | ("5726688" "5727174" "5765176" "5835712" "5983227" "6023714" "6100888").PN. OR ("6300947").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L151 | 8 | L150 and @ad<="19980921" | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L152 | 1 | (EP-968483-\$).did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L153 | 229 | ("5726688" "5727174" "5765176" "5835712" "5983227" "6023714" "6100888").PN. OR ("6300947").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L154 | 8 | L153 and @ad<="19980921" | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L155 | 3 | L154 and real adj time | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L156 | 30 | (US-20030067494-\$ or US-20020059405-\$).did. or (US-5912743-\$ or US-5781189-\$ or US-5235509-\$ or US-4638312-\$ or US-6996777-\$ or US-5991739-\$ or US-7174308-\$ or US-4415065-\$ or US-6473739-\$ or US-6920431-\$ or US-4553222-\$ or US-6125356-\$ or US-5724069-\$ or US-6301564-\$ or US-6300947-\$ or US-4547851-\$ or US-6038545-\$ or US-6973437-\$ or US-6982733-\$ or US-6384850-\$ or US-5023438-\$ or US-5367557-\$ or US-5189411-\$ or US-5802526-\$ or US-5850214-\$ or US-6023714-\$).did. or (GB- | US-PGPUB; USPAT; EPO | OR | ON | 2012/01/19 16:07 |

| | | | | | | |
|------|----|--|---|----|----|---------------------|
| | | 2196766-\$ or WO-9820434-\$).did. | | | | |
| L157 | 11 | L156 and real adj time | US-PGPUB; USPAT; EPO | OR | ON | 2012/01/19 16:07 |
| L158 | 11 | L156 and (real adj time realtime) | US-PGPUB; USPAT; EPO | OR | ON | 2012/01/19 16:07 |
| L159 | 90 | ("0000000" "20010047302" "20010047302" "20020059405" "20030067494" "20030067494" "20030107588" "20030067494" "20030107588" "4415065" "4530067" "4553222" "4638312" "5003472" "5023438" "5235509" "5510979" "5724069" "5724069" "5781189" "5802526" "5845263" "5912743" "5912743" "5937041" "5969968" "5991739" "5991739" "5724069" "5802526" "5912743" "5991739" "6038545" "6107944" "6125356" "6167255" "6208976" "6219696" "6301564" "6301564" "6341316" "6421717" "6425524" "6435406" "6473739" "6553412" "6779042" "6839744" "6880750" "6885261" "6920431" "6920431" "6973437" "6996777" "6038545" "6107944" "6167255" "6208976" "6219696" "6301564" "6341316" "6421717" "6553412" "6779042" "6839744" "6865261" "6920431" "6973437" "7000032" "7174308" "7234640" "7000032").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L160 | 10 | L156 not L159 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L161 | 6 | L158 and @ad<="19980921" | US-PGPUB; USPAT; EPO | OR | ON | 2012/01/19 16:07 |
| L162 | 62 | ("4415065" "4530067" "4569421" "5038284" "5053956" "5239462" "5309355" "5317503" "5349678" "5351186" "5367627" "5386555" "5434394" "5481647" "5493490" "5576951" "5584025" "5592375" "5598487" "5664115").PN. OR ("6125356").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L163 | 20 | L162 and @ad<="19980921" | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L164 | 10 | L163 and (real adj time or realtime) | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L165 | 3 | (US-6384850-\$ or US-6982733-\$ or US- 5850214-\$).did. | USPAT | OR | ON | 2012/01/19 16:07 |
| L166 | 0 | L152 and real adj time | USPAT | OR | ON | 2012/01/19 16:07 |

| | | | | | | |
|------|-----|--|--|----|-----|---------------------|
| L167 | 2 | L165 and real adj time | USPAT | OR | ON | 2012/01/19 16:07 |
| L168 | 0 | (09/110499).APP. | US-PGPUB; USOCR | OR | ON | 2012/01/19 16:07 |
| L169 | 1 | (09/110499).APP. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L170 | 229 | ("5726688" "5727174" "5765176" "5835712" "5983227" "6023714" "6100888").PN. OR ("6300947").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L171 | 3 | L153 and @pd<="19980921" | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L172 | 598 | (715/866).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L173 | 87 | L172 and @pd<="19980921" | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L174 | 20 | L173 and (cellular or phone or smart adj phone or smartphone or pda or handheld or portable or mobile) | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L175 | 31 | (US-20030067494-\$ or US-20020059405-\$).did. or (US-5912743-\$ or US-5781189-\$ or US-5235509-\$ or US-4638312-\$ or US- 6996777-\$ or US-5991739-\$ or US-7174308-\$ or US-4415065-\$ or US-6473739-\$ or US- 6920431-\$ or US-4553222-\$ or US-6125356-\$ or US-5724069-\$ or US-6301564-\$ or US- 6300947-\$ or US-4547851-\$ or US-6038545-\$ or US-6973437-\$ or US-6982733-\$ or US- 6384850-\$ or US-5023438-\$ or US-5367557-\$ or US-5189411-\$ or US-5802526-\$ or US- 5850214-\$ or US-6023714-\$).did. or (GB- 2196766-\$ or WO-9820434-\$).did. or (WO- 9613814-\$).did. | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2012/01/19 16:07 |
| L176 | 569 | (707/610).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L177 | 46 | L176 and @ad<="19990921" | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L178 | 15 | L177 and (handheld wireless real-time) | US-PGPUB; USPAT; USOCR; | OR | ON | 2012/01/19 16:07 |

| | | | | | | |
|------|------|----------------------------------|--|----|-----|---------------------|
| | | | FPRS; EPO; DERWENT; IBM_TDB | | | |
| L179 | 2 | L177 and (handheld) | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L180 | 3 | L177 and (menu\$) | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L181 | 1038 | (707/610-621).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L182 | 83 | L181 and @ad<="19990921" | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L183 | 0 | ("I8andrestaurant").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L184 | 0 | L182 and restaurant | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L185 | 0 | L182 and restaurant | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L186 | 1 | L182 and (restaurant hospital\$) | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L187 | 6176 | (705/15-25).CCLS. | US-PGPUB; | OR | OFF | 2012/01/19 |

| | | | | | | |
|------|-----|-----------------------------------|---|----|-----|---------------------|
| | | | USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | | | 16:07 |
| L188 | 963 | L187 and @ad<="19990921" | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L189 | 0 | L188 and L182 | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L190 | 9 | L188 and synchronous and wireless | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L191 | 1 | L190 and handheld | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L192 | 4 | L190 and phone | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L193 | 4 | L190 and phone | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L194 | 0 | L188 and L188 and smartphone | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L195 | 59 | L188 and L188 and cellular | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; | OR | ON | 2012/01/19 16:07 |

| | | | | | | |
|------|------|--|--|----|-----|---------------------|
| | | | IBM_TDB | | | |
| L196 | 25 | L195 and menu | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L197 | 3 | L195 and menu same cellular | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L198 | 7344 | (717/168-178).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L199 | 7344 | (717/168-178).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L200 | 754 | L199 and @ad<="19990921" | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L201 | 2 | L200 and (hospit\$ hotel food drink restaurant menu) and (synchronous synchronize synchronizing real adj time realtime real-time) and (handheld mobile smartphone cellular) and wireless | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L202 | 6176 | (705/15-25).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L203 | 963 | L202 and @ad<="19990921" | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L204 | 31 | L203 and (synchronous synchronize synchronizing real adj time realtime real-time) and (handheld mobile smartphone cellular) and wireless | US-PGPUB; USPAT; USOCR; FPRS; | OR | OFF | 2012/01/19 16:07 |

| | | | | | | |
|------|------|---|--|----|-----|---------------------|
| | | | EPO; DERWENT; IBM_TDB | | | |
| L205 | 1038 | (707/610-621).OCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L206 | 83 | L205 and @ad<="19990921" | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L207 | 6 | L206 and (synchronous synchronize synchronizing real adj time realtime real- time) and (handheld mobile smartphone cellular) and wireless | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L208 | 22 | L203 and (hospit\$ hotel food drink restaurant menu) and (synchronous synchronize synchronizing real adj time realtime real-time) and (handheld mobile smartphone cellular) and wireless | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L209 | 1 | L206 and (hospit\$ hotel food drink restaurant menu) and (synchronous synchronize synchronizing real adj time realtime real-time) and (handheld mobile smartphone cellular) and wireless | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L210 | 40 | (US-20030067494-\$ or US-20020059405- \$).did. or (US-5912743-\$ or US-5781189-\$ or US-5235509-\$ or US-4638312-\$ or US- 6996777-\$ or US-5991739-\$ or US-7174308- \$ or US-4415065-\$ or US-6473739-\$ or US- 6920431-\$ or US-4553222-\$ or US-6125356- \$ or US-5724069-\$ or US-6301564-\$ or US- 6300947-\$ or US-4547851-\$ or US-6038545- \$ or US-6973437-\$ or US-6982733-\$ or US- 6384850-\$ or US-5023438-\$ or US-5367557- \$ or US-5189411-\$ or US-5802526-\$ or US- 5850214-\$ or US-6023714-\$).did. or (US- 6609128-\$ or US-5806065-\$ or US-6000000- \$ or US-5983226-\$ or US-6640214-\$ or US- 5754655-\$ or US-5845256-\$ or US-6999936- \$ or US-6574603-\$).did. or (GB-2196766-\$ or WO-9820434-\$).did. or (WO-9613814- \$).did. | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2012/01/19 16:07 |
| L211 | 0 | ("I3and@ad<="19990921").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |

| | | | | | | |
|------|------|--|---|----|-----|---------------------|
| L212 | 16 | L210 and (L200 L206 L203 L211) | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L213 | 8627 | (715/810-845).OCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L214 | 1745 | L213 and @ad<="19990921" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L215 | 20 | L210 and (L200 L206 L203 L214) | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L216 | 1 | 11/112990.app. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L217 | 1 | L216 and hospitality with application with information | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L218 | 1 | L216 and hospitality with software with information | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L219 | 107 | ("5912743" "6107944" "6219696" "6208976" "6219696" "6421717" "5912743" "6920431" "6996777" "7174308" "4530067" "5003472" "5969968" "6107944" "6779042" "6973437" "6038545" "6167255" "6341316" "6839744" "4415065" "0000000" "6023714" "5724069" "6341316" "6865261" "7000032" "6885261" "5235509" "6125356" "7234640" "4547851" "5367557" "5991739" "6839744" "20010047302" "4553222" "5724069" "5781189" "6301564" "5845263" "6880750" "5937041" "20020059405" "5850214" "5912743" "5802526" "6421717" "20030067494" "6473739" "6425524" | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |

| | | | | | | |
|------|------|--|--|----|-----|---------------------|
| | | "6300947" "6038545" "6301564" "20030067494" "6301564" "4638312" "5023438" "5802526" "6167255" "6208976" "20030107588" "6553412" "6779042" "6920431" "5991739" "6435406" "5189411" "6034621" "5724069" "5991739" "20010047302" "20030067494" "20030107588" "6553412" "6920431" "6973437" "7000032" "5510979" "5974238").PN. | | | | |
| L220 | 14 | L210 not L219 | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L221 | 2 | ("6384850").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L222 | 1 | 11/112990.app. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L223 | 44 | ("20010047302" "20010047302" "20030067494" "20030107588" "20030067494" "20030107588" "5724069" "5802526" "5912743" "5991739" "5724069" "5802526" "5912743" "5991739" "6038545" "6107944" "6167255" "6208976" "6219696" "6301564" "6341316" "6421717" "6553412" "6779042" "6839744" "6885261" "6920431" "6973437" "6038545" "6107944" "6167255" "6208976" "6219696" "6301564" "6341316" "6421717" "6553412" "6779042" "6839744" "6865261" "6920431" "6973437" "7000032" "7000032").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L224 | 0 | ("I3and@ad<= 19990921").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L225 | 8627 | (715/810-845).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L226 | 1745 | L225 and @ad<="19990921" | US-PGPUB; USPAT; USOCR; EPO; JPO; | OR | ON | 2012/01/19 16:07 |

| | | | | | | |
|------|------|--|---|----|-----|---------------------|
| | | | DERWENT; IBM_TDB | | | |
| L227 | 8 | L226 and (PDA or palm or handheld).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L228 | 8627 | (715/810-845).OCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L229 | 1745 | L228 and @ad<="19990921" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L230 | 0 | L229 and resturant same menu | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L231 | 9 | L229 and restaurant same menu | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L232 | 27 | ("5724069" "5802526" "5912734" "5991739" "6107944").PN. OR ("6384850").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L233 | 1 | 09/400413.app. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L234 | 27 | ("5724069" "5802526" "5912734" "5991739" "6107944").PN. OR ("6384850").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L235 | 44 | ("20010047302" "20010047302" "20030067494" "20030107588" "20030067494" "20030107588" "5724069" "5802526" "5912743" "5991739" "5724069" "5802526" "5912743" "5991739" "6038545" "6107944" "6167255" "6208976" "6219696" "6301564" "6341316" "6421717" "6553412" "6779042" "6839744" "6885261" "6920431" "6973437" "6038545" "6107944" "6167255" "6208976" "6219696" "6301564" "6341316" "6421717" "6553412" "6779042" "6839744" "6865261" "6920431" "6973437" "7000032" "7000032").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L236 | 34 | ("4468750" "4547851" "4553222" "4851994" "5003472" "5128862" "5235509" "5262938" "5377319" | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |

| | | | | | | |
|------|------|--|---|----|-----|---------------------|
| | | "5454721" "5566069" "5594920" "5606374" "5657461").PN. OR ("5912743").URPN. | | | | |
| L237 | 7 | ("5724069" "5802526" "5912743" "5991739" "6107944").PN. OR ("6871325").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L238 | 21 | ("20010018660" "4415065" "4530067" "4553222" "4777488" "4797818" "5003472" "5128862" "5220677" "5235509" "5504589" "5590407" "5838798" "5845263" "5912743" "5991749" "6473739" "6754636").PN. OR ("7174308").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L239 | 1 | 11/112990.app. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L240 | 44 | ("20010047302" "20010047302" "20030067494" "20030107588" "20030067494" "20030107588" "5724069" "5802526" "5912743" "5991739" "5724069" "5802526" "5912743" "5991739" "6038545" "6107944" "6167255" "6208976" "6219696" "6301564" "6341316" "6421717" "6553412" "6779042" "6839744" "6885261" "6920431" "6973437" "6038545" "6107944" "6167255" "6208976" "6219696" "6301564" "6341316" "6421717" "6553412" "6779042" "6839744" "6865261" "6920431" "6973437" "7000032" "7000032").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L241 | 0 | ("!3and@ad<= 19990921").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L242 | 8627 | (715/810-845).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L243 | 1745 | L242 and @ad<="19990921" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L244 | 8 | L243 and (PDA or palm or handheld).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L245 | 8627 | (715/810-845).CCLS. | US-PGPUB; USPAT; | OR | OFF | 2012/01/19 16:07 |

| | | | | | | |
|------|------|--|---|----|----|---------------------|
| | | | USOCR; EPO; JPO; DERWENT; IBM_TDB | | | |
| L246 | 1745 | L245 and @ad<="19990921" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L247 | 0 | L246 and resturant same menu | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L248 | 9 | L246 and restaurant same menu | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L249 | 27 | ("5724069" "5802526" "5912734" "5991739" "6107944").PN. OR ("6384850").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L250 | 1 | 09/400413.app. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L251 | 27 | ("5724069" "5802526" "5912734" "5991739" "6107944").PN. OR ("6384850").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L252 | 44 | ("20010047302" "20010047302" "20030067494" "20030107588" "20030067494" "20030107588" "5724069" "5802526" "5912743" "5991739" "5724069" "5802526" "5912743" "5991739" "6038545" "6107944" "6167255" "6208976" "6219696" "6301564" "6341316" "6421717" "6553412" "6779042" "6839744" "6885261" "6920431" "6973437" "6038545" "6107944" "6167255" "6208976" "6219696" "6301564" "6341316" "6421717" "6553412" "6779042" "6839744" "6865261" "6920431" "6973437" "7000032" "7000032").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L253 | 132 | L236 L237 L238 L249 L251 L252 L244 L248 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L254 | 1190 | ("20010018660" "20010047384" "20020057298" "20030078793" "3237198" "3304416" "3340416" "3445633" "3588838" "3622995" "3668307" "3691295" "3746780" "3752908" "3757225" "3786421" "3814285" "3814841" "3826344" "3836888" "3868638" "3903402" | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |

| | | | | | | |
|------|-----|---|---|----|----|---------------------|
| | | "3931497" "3968327" "4001785" "4001807" "4005388" "4008369" "4028733" "4054911" "4064490" "4073368" "4075686" "4084229" "4086475" "4104617" "4115870" "4117605" "4122519" "4128757" "4143360" "4164024" "4169521" "4191956" "4209255" "4222111" "4247106" "4247759" "4251691" "4259667" "4264925" "4268826" "4283709" "4296476" "4300040" "4303916" "4306388" "4333152" "4335880" "4388689" "4396985" "4415065" "4449186" "4451895" "4468750" "4530067" "4547851" "4553222" "4567359" "4569421" "4582172" "4593183" "4638312" "4648062" "4675515" "4722053" "4775935" "4777488" "4797818" "4837693" "4851994" "4858743" "4882475" "4899276" "4971406" "4982346" "5003472" "5077607" "5128862" "5198976" "5220677" "5235509" "5262938" "5287102" "5377319" "5444444" "5454721" "5504589" "5508699" "5533107" "5533182" "5559707" "5566069" "5590407" "5594920" "5606374" "5634019" "5648770" "5655008" "5657461" "5664110" "5699518" "5742521" "5797125" "5838798" "5845263" "5883810" "5889268" "5912743" "5914671" "5918213" "5943399" "5950130").PN. OR ("5969968" "5991749" "6020881" "6026375" "6047197" "6085976" "6195004" "6208976" "6362841" "6384850" "6404442" "6466236" "6473739" "6668177" "6754636" "6760754").PN. OR ("2003/0067494" "4415065" "4553222" "4638312" "5235509" "5781189" "5912743" "5991739" "6473739" "6920431" "6996777" "7174308").URPN. | | | | |
| L255 | 456 | L254 and @ad<="19990921" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L256 | 425 | L255 not L253 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L257 | 24 | L256 and menu and (PDA or palm or handheld) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L258 | 2 | (GB-2196766-\$).did. | US-PGPUB; USPAT; | OR | ON | 2012/01/19 16:07 |

| | | | | | | |
|------|------|--|---|----|-----|---------------------|
| | | | USOCR; EPO; JPO; DERWENT; IBM_TDB | | | |
| L259 | 6 | (GB-2196766-\$ or EP-0779759-\$ WO-9820434-\$ or WO-9841936-\$).did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L260 | 0 | (EP-0779759-\$).did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L261 | 8 | (GB-2196766-\$ or EP-779759-\$ WO-9820434-\$ or WO-9841936-\$).did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L262 | 9 | (US-20030067494-\$).did. or (US-5912743-\$ or US-5781189-\$ or US-5235509-\$ or US-4638312-\$ or US-6996777-\$ or US-5991739-\$ or US-7174308-\$ or US-4415065-\$ or US-6473739-\$ or US-6920431-\$ or US-4553222-\$ or US-6125356-\$).did. or (GB-2196766-\$ or WO-9820434-\$).did. | US-PGPUB; USPAT; EPO | OR | ON | 2012/01/19 16:07 |
| L263 | 2 | L262 and first adj menu | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L264 | 34 | ("4468750" "4547851" "4553222" "4851994" "5003472" "5128862" "5235509" "5262938" "5377319" "5454721" "5566069" "5594920" "5606374" "5657461").PN. OR ("5912743").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L265 | 7 | ("5724069" "5802526" "5912743" "5991739" "6107944").PN. OR ("6871325").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L266 | 21 | ("20010018660" "4415065" "4530067" "4553222" "4777488" "4797818" "5003472" "5128862" "5220677" "5235509" "5504589" "5590407" "5838798" "5845263" "5912743" "5991749" "6473739" "6754636").PN. OR ("7174308").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L267 | 8627 | (715/810-845).OCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L268 | 1745 | L267 and @ad<="19990921" | US-PGPUB; USPAT; USOCR; | OR | ON | 2012/01/19 16:07 |

| | | | | | | |
|------|------|--|---|----|-----|---------------------|
| | | | EPO; JPO; DERWENT; IBM_TDB | | | |
| L269 | 8 | L268 and (PDA or palm or handheld).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L270 | 8627 | (715/810-845).OCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L271 | 1745 | L270 and @ad<="19990921" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L272 | 9 | L271 and restaurant same menu | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L273 | 27 | ("5724069" "5802526" "5912734" "5991739" "6107944").PN. OR ("6384850").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L274 | 27 | ("5724069" "5802526" "5912734" "5991739" "6107944").PN. OR ("6384850").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L275 | 44 | ("20010047302" "20010047302" "20030067494" "20030107588" "20030067494" "20030107588" "5724069" "5802526" "5912743" "5991739" "5724069" "5802526" "5912743" "5991739" "6038545" "6107944" "6167255" "6208976" "6219696" "6301564" "6341316" "6421717" "6553412" "6779042" "6839744" "6885261" "6920431" "6973437" "6038545" "6107944" "6167255" "6208976" "6219696" "6301564" "6341316" "6421717" "6553412" "6779042" "6839744" "6865261" "6920431" "6973437" "7000032" "7000032").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L276 | 132 | L264 L265 L266 L273 L274 L275 L269 L272 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L277 | 2 | L276 and chen.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |

| | | | | | | |
|------|----|---|---|----|-----|---------------------|
| L278 | 10 | (US-20030067494-\$).did. or (US-5912743-\$ or US-5781189-\$ or US-5235509-\$ or US-4638312-\$ or US-6996777-\$ or US-5991739-\$ or US-7174308-\$ or US-4415065-\$ or US-6473739-\$ or US-6920431-\$ or US-4553222-\$ or US-6125356-\$ or US-5724069-\$).did. or (GB-2196766-\$ or WO-9820434-\$).did. | US-PGPUB; USPAT; EPO | OR | ON | 2012/01/19 16:07 |
| L279 | 0 | L278 and handwriting | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L280 | 44 | ("20010047302" "20010047302" "20030067494" "20030107588" "20030067494" "20030107588" "5724069" "5802526" "5912743" "5991739" "5724069" "5802526" "5912743" "5991739" "6038545" "6107944" "6167255" "6208976" "6219696" "6301564" "6341316" "6421717" "6553412" "6779042" "6839744" "6885261" "6920431" "6973437" "6038545" "6107944" "6167255" "6208976" "6219696" "6301564" "6341316" "6421717" "6553412" "6779042" "6839744" "6865261" "6920431" "6973437" "7000032" "7000032").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L281 | 1 | L280 and handwriting | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L282 | 2 | ("6384850").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L283 | 2 | ("6982733").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L284 | 4 | L283 or L282 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L285 | 17 | (US-20030067494-\$).did. or (US-5912743-\$ or US-5781189-\$ or US-5235509-\$ or US-4638312-\$ or US-6996777-\$ or US-5991739-\$ or US-7174308-\$ or US-4415065-\$ or US-6473739-\$ or US-6920431-\$ or US-4553222-\$ or US-6125356-\$ or US-5724069-\$ or US-6301564-\$).did. or (GB-2196766-\$ or WO-9820434-\$).did. | US-PGPUB; USPAT; EPO | OR | ON | 2012/01/19 16:07 |

| | | | | | | |
|------|----|---|---|----|-----|---------------------|
| L286 | 6 | ("5724069" "5802526" "5912734" "5912743" "5991739" "6107944").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L287 | 18 | L285 L286 | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L288 | 5 | L287 and (cell adj phone or cellular) | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L289 | 21 | ("20010018660" "4415065" "4530067" "4553222" "4777488" "4797818" "5003472" "5128862" "5220677" "5235509" "5504589" "5590407" "5838798" "5845263" "5912743" "5991749" "6473739" "6754636").PN. OR ("7174308").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L290 | 6 | L289 and (cell adj phone or cellular) | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L291 | 2 | ("5848373").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L292 | 2 | ("5937041").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L293 | 2 | ("5522089").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L294 | 86 | ("0000000" "20010047302" "20010047302" "20030067494" "20030067494" "20030107588" "20030067494" "20030107588" "4415065" "4530067" "4553222" "4638312" "5003472" "5235509" "5510979" "5724069" "5724069" "5781189" "5802526" "5845263" "5912743" "5912743" "5937041" "5969968" "5991739" "5991739" "5724069" "5802526" "5912743" "5991739" "6038545" "6107944" "6125356" "6167255" "6208976" "6219696" "6301564" "6301564" "6341316" "6421717" "6425524" "6435406" "6473739" "6553412" "6779042" "6839744" "6880750" "6885261" "6920431" "6920431" "6973437" "6996777" "6038545" "6107944" "6167255" "6208976" "6219696" "6301564" "6341316" "6421717" "6553412" "6779042" "6839744" "6865261" "6920431" "6973437" "7000032" "7174308") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |

| | | | | | | |
|------|---------|--|---|----|-----|---------------------|
| | | "7234640" "7000032").PN. | | | | |
| L295 | 0 | L294 and realtime | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L296 | 17 | L294 and real adj time | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L297 | 7 | L294 and real adj time and restaurant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L298 | 0 | L294 and real adj time same menu and restaurant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L299 | 6 | L294 and real adj time and menu and restaurant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L300 | 2 | ("6593944").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L301 | 86 | ("20020059244" "6151622" "6266684" "6300947" "6430624").PN. OR ("6593944").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L302 | 2937937 | @ad<="19990921" | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L303 | 3 | L302 and L301 | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L304 | 2 | ("6384850").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L305 | 86 | ("0000000" "20010047302" "20010047302" "20030067494" "20030067494" "20030107588" "20030067494" "20030107588" "4415065" "4530067" "4553222" "4638312" "5003472" "5235509" "5510979" "5724069" "5724069" "5781189" "5802526" "5845263" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |

| | | | | | | |
|------|----|--|---|----|-----|---------------------|
| | | "5912743" "5912743" "5937041" "5969968" "5991739" "5991739" "5724069" "5802526" "5912743" "5991739" "6038545" "6107944" "6125356" "6167255" "6208976" "6219696" "6301564" "6301564" "6341316" "6421717" "6425524" "6435406" "6473739" "6553412" "6779042" "6839744" "6880750" "6885261" "6920431" "6920431" "6973437" "6996777" "6038545" "6107944" "6167255" "6208976" "6219696" "6301564" "6341316" "6421717" "6553412" "6779042" "6839744" "6865261" "6920431" "6973437" "7000032" "7174308" "7234640" "7000032").PN. | | | | |
| L306 | 6 | L305 and real adj time and menu and restaurant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L307 | 4 | L306 and (cellphone or phone or PDA or wireless) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L308 | 2 | ("5128862").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L309 | 2 | ("5839905").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L310 | 0 | ("5664110,4415065,4469421,5235509, ").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L311 | 0 | ("5664110 4415065 4469421 5235509").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L312 | 11 | ("5664110" "4415065" "4469421" "5235509").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L313 | 0 | L312 and (cell adj phone or pda) | US-PGPUB; USPAT; | OR | ON | 2012/01/19 16:07 |

| | | | | | | |
|------|----|--|---|----|-----|---------------------|
| | | | USOCR; EPO; JPO; DERWENT; IBM_TDB | | | |
| L314 | 0 | L312 and (cellphone or pda) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L315 | 1 | L312 and (cellular) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L316 | 3 | ("4547851").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L317 | 3 | ("4264925").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L318 | 2 | ("5905959").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L319 | 2 | WO-9841936-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L320 | 1 | 08/819419.app. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L321 | 2 | "20020059405" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L322 | 2 | ("20020059405").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L323 | 22 | (US-20030067494-\$ or US-20020059405-\$).did. or (US-5912743-\$ or US-5781189-\$ | US-PGPUB; USPAT; | OR | ON | 2012/01/19 16:07 |

| | | | | | | |
|------|----|---|--|----|-----|---------------------|
| | | or US-5235509-\$ or US-4638312-\$ or US-6996777-\$ or US-5991739-\$ or US-7174308-\$ or US-4415065-\$ or US-6473739-\$ or US-6920431-\$ or US-4553222-\$ or US-6125356-\$ or US-5724069-\$ or US-6301564-\$ or US-6300947-\$ or US-4547851-\$ or US-6038545-\$ or US-6973437-\$).did. or (GB-2196766-\$ or WO-9820434-\$).did. | EPO | | | |
| L324 | 3 | L323 and frame | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L325 | 2 | ("6982733").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L326 | 2 | ("6384850").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L327 | 2 | (US-6982733-\$ or US-6384850-\$).did. | USPAT | OR | ON | 2012/01/19 16:07 |
| L328 | 0 | 11/112990.app. | USPAT | OR | ON | 2012/01/19 16:07 |
| L329 | 1 | 11/112990.app. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L330 | 2 | ("7234640").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L331 | 24 | (US-20030067494-\$ or US-20020059405-\$).did. or (US-5912743-\$ or US-5781189-\$ or US-5235509-\$ or US-4638312-\$ or US-6996777-\$ or US-5991739-\$ or US-7174308-\$ or US-4415065-\$ or US-6473739-\$ or US-6920431-\$ or US-4553222-\$ or US-6125356-\$ or US-5724069-\$ or US-6301564-\$ or US-6300947-\$ or US-4547851-\$ or US-6038545-\$ or US-6973437-\$ or US-6982733-\$ or US-6384850-\$).did. or (GB-2196766-\$ or WO-9820434-\$).did. | US-PGPUB; USPAT; EPO | OR | ON | 2012/01/19 16:07 |
| L332 | 9 | L331 and (realtime real adj time real-time) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L333 | 24 | (US-20030067494-\$ or US-20020059405-\$).did. or (US-5912743-\$ or US-5781189-\$ or US-5235509-\$ or US-4638312-\$ or US- | US-PGPUB; USPAT; EPO | OR | ON | 2012/01/19 16:07 |

| | | | | | | |
|------|-------|--|---|----|----|---------------------|
| | | 6996777-\$ or US-5991739-\$ or US-7174308-\$ or US-4415065-\$ or US-6473739-\$ or US-6920431-\$ or US-4553222-\$ or US-6125356-\$ or US-5724069-\$ or US-6301564-\$ or US-6300947-\$ or US-4547851-\$ or US-6038545-\$ or US-6973437-\$ or US-6982733-\$ or US-6384850-\$).did. or (GB-2196766-\$ or WO-9820434-\$).did. | | | | |
| L334 | 13 | L333 and internet | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L335 | 586 | real adj time with synchron\$ with wireless | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L336 | 16 | L335 and @ad<="19990921" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L337 | 20676 | real adj time with wireless | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L338 | 689 | L337 and @ad<="19990921" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L339 | 14 | L338 and restaurant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L340 | 8036 | real adj time with wireless with data | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L341 | 148 | L340 and @ad<="19980921" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L342 | 13 | L341 and (restaurant or hospital\$) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; | OR | ON | 2012/01/19 16:07 |

| | | | IBM_TDB | | | |
|------|------|---|---|----|-----|---------------------|
| L343 | 3019 | instant\$ with wireless with data | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L344 | 38 | L343 and @ad<="19980921" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L345 | 1 | L343 and @ad<="19980921" and restaurant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L346 | 43 | real adj time near3 synchron\$ same (wireless radio) and @ad<="19980921" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L347 | 34 | L346 not (L344 L339 L336) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L348 | 3 | real adj time near3 synchron\$ and @ad<="19980921" and restaurant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L349 | 68 | Berkobin.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L350 | 2 | ("5475748").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L351 | 2 | ("5724069").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L352 | 2 | ("5802526").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; | OR | OFF | 2012/01/19 16:07 |

| | | | IBM_TDB | | | |
|------|-----|--|---|----|-----|---------------------|
| L353 | 2 | ("5850214").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L354 | 1 | (EP-588646-\$).did. | DERWENT | OR | ON | 2012/01/19 16:07 |
| L355 | 1 | (EP-1022035-\$).did. | DERWENT | OR | ON | 2012/01/19 16:07 |
| L356 | 0 | (EP-0739526-\$).did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L357 | 1 | (EP-739526-\$).did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L358 | 229 | ("5726688" "5727174" "5765176" "5835712" "5983227" "6023714" "6100888").PN. OR ("6300947").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L359 | 8 | L358 and @ad<="19980921" | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L360 | 1 | (EP-968483-\$).did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L361 | 229 | ("5726688" "5727174" "5765176" "5835712" "5983227" "6023714" "6100888").PN. OR ("6300947").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L362 | 8 | L361 and @ad<="19980921" | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L363 | 3 | L362 and real adj time | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L364 | 30 | (US-20030067494-\$ or US-20020059405-\$). did. or (US-5912743-\$ or US-5781189-\$ or US-5235509-\$ or US-4638312-\$ or US- 6996777-\$ or US-5991739-\$ or US-7174308-\$ or US-4415065-\$ or US-6473739-\$ or US- 6920431-\$ or US-4553222-\$ or US-6125356-\$ or US-5724069-\$ or US-6301564-\$ or US- 6300947-\$ or US-4547851-\$ or US-6038545-\$ or US-6973437-\$ or US-6982733-\$ or US- 6384850-\$ or US-5023438-\$ or US-5367557-\$ or US-5189411-\$ or US-5802526-\$ or US- 5850214-\$ or US-6023714-\$).did. or (GB- 2196766-\$ or WO-9820434-\$).did. | US-PGPUB; USPAT; EPO | OR | ON | 2012/01/19 16:07 |
| L365 | 11 | L364 and (real adj time realtime) | US-PGPUB; USPAT; | OR | ON | 2012/01/19 16:07 |

| | | | | | | |
|------|----|--|---|----|----|---------------------|
| | | | EPO | | | |
| L366 | 90 | ("000000" "20010047302" "20010047302" "20020059405" "20030067494" "20030067494" "20030107588" "20030067494" "20030107588" "4415065" "4530067" "4553222" "4638312" "5003472" "5023438" "5235509" "5510979" "5724069" "5724069" "5781189" "5802526" "5845263" "5912743" "5912743" "5937041" "5969968" "5991739" "5991739" "5724069" "5802526" "5912743" "5991739" "6038545" "6107944" "6125356" "6167255" "6208976" "6219696" "6301564" "6301564" "6341316" "6421717" "6425524" "6435406" "6473739" "6553412" "6779042" "6839744" "6880750" "6885261" "6920431" "6920431" "6973437" "6996777" "6038545" "6107944" "6167255" "6208976" "6219696" "6301564" "6341316" "6421717" "6553412" "6779042" "6839744" "6865261" "6920431" "6973437" "7000032" "7174308" "7234640" "7000032").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L367 | 10 | L364 not L366 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L368 | 6 | L365 and @ad<="19980921" | US-PGPUB; USPAT; EPO | OR | ON | 2012/01/19 16:07 |
| L369 | 62 | ("4415065" "4530067" "4569421" "5038284" "5053956" "5239462" "5309355" "5317503" "5349678" "5351186" "5367627" "5386555" "5434394" "5481647" "5493490" "5576951" "5584025" "5592375" "5598487" "5664115").PN. OR ("6125356").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L370 | 20 | L369 and @ad<="19980921" | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L371 | 10 | L370 and (real adj time or realtime) | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L372 | 3 | (US-6384850-\$ or US-6982733-\$ or US-5850214-\$).did. | USPAT | OR | ON | 2012/01/19 16:07 |
| L373 | 0 | L360 and real adj time | USPAT | OR | ON | 2012/01/19 16:07 |
| L374 | 2 | L372 and real adj time | USPAT | OR | ON | 2012/01/19 16:07 |
| L375 | 0 | (09/110499).APP. | US-PGPUB; USOCR | OR | ON | 2012/01/19 16:07 |
| L376 | 1 | (09/110499).APP. | US-PGPUB; USPAT; | OR | ON | 2012/01/19 16:07 |

| | | | | | | |
|------|-----|---|--|----|-----|---------------------|
| | | | USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | | | |
| L377 | 229 | ("5726688" "5727174" "5765176" "5835712" "5983227" "6023714" "6100888").PN. OR ("6300947").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L378 | 3 | L361 and @pd<="19980921" | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L379 | 598 | (715/866).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L380 | 87 | L379 and @pd<="19980921" | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L381 | 20 | L380 and (cellular or phone or smart adj phone or smartphone or pda or handheld or portable or mobile) | US-PGPUB; USPAT; USOCR | OR | ON | 2012/01/19 16:07 |
| L382 | 31 | (US-20030067494-\$ or US-20020059405-\$).did. or (US-5912743-\$ or US-5781189-\$ or US-5235509-\$ or US-4638312-\$ or US-6996777-\$ or US-5991739-\$ or US-7174308-\$ or US-4415065-\$ or US-6473739-\$ or US-6920431-\$ or US-4553222-\$ or US-6125356-\$ or US-5724069-\$ or US-6301564-\$ or US-6300947-\$ or US-4547851-\$ or US-6038545-\$ or US-6973437-\$ or US-6982733-\$ or US-6384850-\$ or US-5023438-\$ or US-5367557-\$ or US-5189411-\$ or US-5802526-\$ or US-5850214-\$ or US-6023714-\$).did. or (GB-2196766-\$ or WO-9820434-\$).did. or (WO-9613814-\$).did. | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2012/01/19 16:07 |
| L383 | 569 | (707/610).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L384 | 46 | L383 and @ad<="19990921" | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:07 |
| L385 | 15 | L384 and (handheld wireless real-time) | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:07 |
| L386 | 2 | L384 and (handheld) | US-PGPUB; USPAT; | OR | ON | 2012/01/19 16:07 |

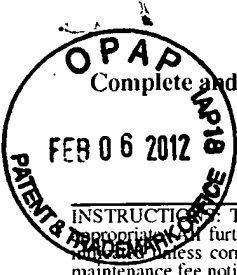
| | | | | | | |
|------|---|-----------------------------------|--|----|-----|---------------------|
| | | | USOCR; FPRS; EPO; DERWENT; IBM_TDB | | | |
| L387 | 3 | L384 and (menu\$) | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:08 |
| L388 | 0 | ("l8andrestaurant").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:08 |
| L389 | 0 | L206 and restaurant | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:08 |
| L390 | 0 | L206 and restaurant | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:08 |
| L391 | 1 | L206 and (restaurant hospital\$) | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:08 |
| L392 | 0 | L203 and L206 | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:08 |
| L393 | 9 | L203 and synchronous and wireless | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:08 |
| L394 | 1 | L393 and handheld | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | OFF | 2012/01/19 16:08 |

| | | | | | | |
|------|----|------------------------------|---|----|----|---------------------|
| L395 | 4 | L393 and phone | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:08 |
| L396 | 0 | L203 and L203 and smartphone | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:08 |
| L397 | 59 | L203 and L203 and cellular | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:08 |
| L398 | 3 | L397 and menu same cellular | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT; IBM_TDB | OR | ON | 2012/01/19 16:08 |

1/ 19/ 2012 4:27:04 PM

C:\Users\mbrophy\Documents\EAST\Workspaces\11112990v7.wsp

PART B - FEE(S) TRANSMITTAL



Complete and send this form, together with applicable fee(s), to: **Mail** Mail Stop ISSUE FEE
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 or **Fax** (571)-273-2885


INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. Further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as shown below unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

7590 02/02/2012
 Fabiano Law Firm, P.C.
 Suite 300
 12526 High Bluff Drive
 San Diego, CA 92130

Certificate of Mailing or Transmission **FedEx**
 I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Michael D. Fabiano (Depositor's name)
 (Signature)
 February 3, 2012 (Date)

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 11/112,990 | 04/22/2005 | Keith R. McNally | 1004293.005 US | 7098 |

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

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|---------------|---------------------|----------------------|------------------|------------|
| nonprovisional | YES | \$870 | \$300 | \$0 | \$1170 | 05/02/2012 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|-------------------|----------|----------------|
| BROPHY, MATTHEW J | 2191 | 717-109000 |

02/07/2012 SZEWDIE2 00000012 11112990
 01 FC:2501 870.00 OP
 02 FC:1504 300.00 OP

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
 Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list
 (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Fabiano Law Firm, P.C.
 2 Michael D. Fabiano
 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)
 PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE: Ameranth, Inc. (B) RESIDENCE: (CITY and STATE OR COUNTRY) San Diego, California


Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. The following fee(s) are submitted:
 Issue Fee
 Publication Fee (No small entity discount permitted)
 Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)
 A check is enclosed.
 Payment by credit card. Form PTO-2038 is attached.
 The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)
 a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature  Date February 3, 2012
 Typed or printed name Michael D. Fabiano Registration No. 44,675

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



Doc Code: TRAN.LET

Document Description: Transmittal Letter

PTO/SB/21 (07-09)

Approved for use through 07/31/2012. OMB 0651-0031
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | | |
|--|----------------------|------------------------|----------------|
| TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small> | Application Number | 11/112,990 | |
| | Filing Date | 04/22/2005 | |
| | First Named Inventor | McNally, Keith R. | |
| | Art Unit | 2191 | |
| | Examiner Name | Brophy, Matthew | |
| Total Number of Pages in This Submission | 3 | Attorney Docket Number | 1004293.005 US |

| ENCLOSURES <small>(Check all that apply)</small> | | |
|--|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): |
| <div style="border: 1px solid black; padding: 2px;">Remarks</div> | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | | |
|--|------------------------|----------|--------|
| Firm Name | FABIANO LAW FIRM, P.C. | | |
| Signature | | | |
| Printed name | Michael D. Fabiano | | |
| Date | February 3, 2012 | Reg. No. | 44,675 |

| CERTIFICATE OF TRANSMISSION/MAILING | | | |
|--|--------------------|------|--------------|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below via FedEx overnight delivery. | | | |
| Signature | | | |
| Typed or printed name | Michael D. Fabiano | Date | FEB. 3, 2012 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



P-101/\$

Docket No. 1004293.005US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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

USPTO RECEIPTS ACCOUNTING
2012 FEB 15 PM 4:34

LOSS OF ENTITLEMENT TO SMALL ENTITY STATUS AND PETITION TO EXCUSE
ERRORS IN SMALL ENTITY STATUS AND ACCEPT PAYMENT OF FEES AS A LARGE
ENTITY UNDER 37 C.F.R. § 1.28(c)

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

02/16/2012 DALLEN 00000010 11112990
01 FC:1461 2510.00 OP
02 FC:1464 130.00 OP

Commissioner:

Pursuant to 37 C.F.R. § 1.27(g)(2), Applicants hereby inform the USPTO that the above-entitled application is no longer eligible for small entity status.

Additionally, this is a petition under 37 C.F.R. § 1.28(c) to excuse errors in the inadvertent assertion of small entity status and to accept the payment of fees as a large entity for the above-entitled application.

37 C.F.R. § 1.28(c) provides a procedure as to how errors in small entity status are excused. Section 1.28(c) provides that if status as a small entity is established in good faith, and fees as a small entity are paid in good faith, in any application or patent, and it is later discovered that such status as a small entity was established in error, or that through error the Office was not notified of a loss of entitlement to small entity status as required by § 1.27(g)(2), the error will be excused upon compliance with the separate submission and itemization requirements of

paragraphs (c)(1) and (c)(2) of this section, and the deficiency payment requirement of paragraph (c)(2) of this section:

- (1) Any paper submitted under this paragraph must be limited to the deficiency payment (all fees paid in error), required by paragraph (c)(2) of this section, for one application or one patent; and
- (2) The deficiency owed, resulting from the previous erroneous payment of small entity fees, must be paid.

37 C.F.R. § 1.28(c) further provides, in subsection (c)(2), that:

- (i) The deficiency owed for each previous fee erroneously paid as a small entity is the difference between the current fee amount (for other than a small entity) on the date the deficiency is paid in full and the amount of the previous erroneous (small entity) fee payment. The total deficiency payment owed is the sum of the individual deficiency owed amounts for each fee amount previously erroneously paid as a small entity.
- (ii) An itemization of the total deficiency payment is required.

The itemization, under subsection (c)(2)(ii), must include the following information:

- (A) Each particular type of fee that was erroneously paid as a small entity, (e.g., basic statutory filing fee, two-month extension of time fee) along with the current fee amount for a nonsmall entity;
- (B) The small entity fee actually paid, and when;
- (C) The deficiency owed amount (for each fee erroneously paid); and

- (D) The total deficiency payment owed, which is the sum or total of the individual deficiency owed amounts set forth in paragraph (c)(2)(ii)(C) of this section.

The present application became subject to a license agreement to a large entity on or about November 29, 2007. Notification of Loss of Entitlement was inadvertently not filed in the USPTO and a request for continued examination fee, an extension-of-time fee, and the issue fee were inadvertently paid in a small entity amount. During a recent review of the file history of the present application, it was discovered that the payment of the fees identified in this paragraph were made inadvertently in a small entity amount.

According to the requirements of paragraphs (c)(1) and (c)(2) of 37 C.F.R. § 1.28(c), Applicants request that the errors in the inadvertent assertion of small entity status be excused, and that the payment of fees as a large entity for the above-entitled application be accepted, and Applicants submit the following in accordance with these requests:

- (1) This paper is submitted herein specifically for U.S. Patent Application No. 11/112,990, and is limited to the deficiency payment for this application.
- (2) The required payment of deficiency owed, in the total amount of \$2,510, as set forth in 37 C.F.R. § 1.28(c), is enclosed herewith.

Thus, Applicants provide the calculation of the deficiency owed according to paragraph (i) and the itemization of deficiency payment according to paragraphs (ii)(A)-(D) as follows:

- (A) Type of fee that that was erroneously paid as a small entity along with the current fee amount for a non-small entity:
 - (i) Request for Continued Examination Fee paid May 24, 2010 (current large-entity fee amount is \$930)

- (ii) Four-Month Extension of Time Fee paid May 24, 2010 (current large-entity fee amount is \$1980)
- (iii) Issue Fee paid February 3, 2012 (current large-entity fee amount is \$1740)
- (B) The small entity fee actually paid and when:
 - (i) \$405 on May 24, 2010 (request for continued examination fee)
 - (ii) \$865 on May 24, 2010 (four-month extension-of-time fee).
 - (iii) \$870 on February 3, 2012 (issue fee)
- (C) The deficiency owed amount for fee erroneously paid:
 - (i) \$525 (\$930 minus \$405)
 - (ii) \$1115 (\$1980 minus \$865)
 - (iii) \$870 (\$1740 minus \$870)
- (D) The total deficiency payment owed is: \$2,510 (\$525 plus \$1,115 plus \$870).

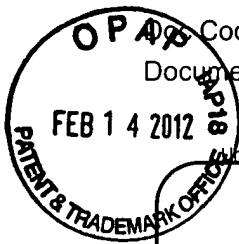
Payment of this deficiency, in the amount of \$2,510, is enclosed. The processing fee of \$130, per 37 C.F.R. §1.17(i), is also enclosed.

Dated: February 13, 2012

Respectfully submitted,

/s/ Michael D. Fabiano
MICHAEL D. FABIANO
Registration No. 44,675
FABIANO LAW FIRM, P.C.
12526 High Bluff Drive, Suite 300
San Diego, California 92130
(619) 742-9631

Attorney for Applicants



OPA Code: TRAN.LET
 Document Description: Transmittal Letter

PTO/SB/21 (07-09)
 Approved for use through 07/31/2012. OMB 0651-0031
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | | |
|--|----------------------|------------------------|----------------|
| TRANSMITTAL FORM | Application Number | 11/112,990 | |
| | Filing Date | April 22, 2005 | |
| | First Named Inventor | McNally, Keith R. | |
| | Art Unit | 2191 | |
| | Examiner Name | Brophy, Matthew | |
| (to be used for all correspondence after initial filing) | | | |
| Total Number of Pages in This Submission | 8 | Attorney Docket Number | 1004293.005 US |

| ENCLOSURES (Check all that apply) | | | | |
|--|---|--|---------|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input checked="" type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): | | |
| <table border="1" style="width: 100%;"> <tr> <td style="width: 20%;">Remarks</td> <td>Enclosed are: Loss of Entitlement to Small Entity Status and Petition to Excuse Errors in Small Entity Status and Accept Payment of Fees as a Large Entity Under 37 C.F.R. section 1.28(c); Check for deficiency amount (\$2,510); Processing Fee Transmittal Form; Check for processing fee (\$130).</td> </tr> </table> | | | Remarks | Enclosed are: Loss of Entitlement to Small Entity Status and Petition to Excuse Errors in Small Entity Status and Accept Payment of Fees as a Large Entity Under 37 C.F.R. section 1.28(c); Check for deficiency amount (\$2,510); Processing Fee Transmittal Form; Check for processing fee (\$130). |
| Remarks | Enclosed are: Loss of Entitlement to Small Entity Status and Petition to Excuse Errors in Small Entity Status and Accept Payment of Fees as a Large Entity Under 37 C.F.R. section 1.28(c); Check for deficiency amount (\$2,510); Processing Fee Transmittal Form; Check for processing fee (\$130). | | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | | |
|--|------------------------|----------|--------|
| Firm Name | Fabiano Law Firm, P.C. | | |
| Signature | | | |
| Printed name | Michael D. Fabiano | | |
| Date | February 13, 2012 | Reg. No. | 44,675 |

| CERTIFICATE OF TRANSMISSION/MAILING | | | |
|---|--------------------|------|-------------------|
| I hereby certify that this correspondence is being facsimile ^{via FedEx} transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: | | | |
| Signature | | | |
| Typed or printed name | Michael D. Fabiano | Date | February 13, 2012 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PROCESSING FEE
Under 37 CFR 1.17(i)
TRANSMITTAL
(Fees are subject to annual revision)

Send completed form to: Commissioner for Patents
P.O. Box 1450, Alexandria, VA 22313-1450

| | |
|------------------------|-------------------|
| Application Number | 11/112,990 |
| Filing Date | April 22, 2005 |
| First Named Inventor | McNally, Keith R. |
| Art Unit | 2191 |
| Examiner Name | Brophy, Matthew |
| Attorney Docket Number | 1004293.005US |

Enclosed is a paper filed under 37 CFR 1.28(c)(3) that requires a processing fee (37 CFR 1.17(i)).
Payment of \$ 130.00 is enclosed.

This form should be included with the above-mentioned paper and faxed or mailed to the Office using the appropriate Mail Stop, if applicable. For transmittal of petition fees under 37 CFR 1.17(f), (g) or (h), see form PTO/SB/17p.

Payment of Fees (small entity amounts are NOT available for the processing fees)

The Commissioner is hereby authorized to charge the following fees to Deposit Account No. _____:
 processing fee under 37 CFR 1.17(i) any deficiency of fees and credit of any overpayments

Check in the amount of \$ 130.00 is enclosed.

Payment by credit card (Form PTO-2038 or equivalent enclosed). Do not provide credit card information on this form.

Processing Fees under 37 CFR 1.17(i): Fee \$130 Fee Code 1808 for all,
Except for § 1.221 papers (Fee Code 1803)

For papers filed under:

- § 1.28(c)(3) - for processing a non-itemized fee deficiency based on an error in small entity status.
- § 1.41 - for supplying the name or names of the inventor or inventors after the filing date without an oath or declaration as prescribed by § 1.63, except in provisional applications.
- § 1.48 - for correcting inventorship, except in provisional applications.
- § 1.52(d) - for processing a nonprovisional application filed with a specification in a language other than English.
- § 1.53(b)(3) - to convert a provisional application filed under § 1.53(c) into a nonprovisional application under § 1.53(b).
- § 1.55 - for entry of late priority papers.
- § 1.71(g)(2) - to enter an amendment to the specification for purposes of 35 U.S.C. 103(c)(2) if not filed within the cited time periods
- § 1.99(e) - for processing a belated submission under § 1.99.
- § 1.103(b) - for requesting limited suspension of action, continued prosecution application (§ 1.53(d)).
- § 1.103(c) - for requesting limited suspension of action, request for continued examination (§ 1.114).
- § 1.103(d) - for requesting deferred examination of an application.
- § 1.217 - for processing a redacted copy of a paper submitted in the file of an application in which a redacted copy was submitted for the patent application publication.
- § 1.221 - for requesting voluntary publication or republication of an application. **Fee Code 1803**
- § 1.291(c)(5) - for processing a second or subsequent protest by the same real party in interest.
- § 1.497(d) - for filing an oath or declaration pursuant to 35 U.S.C. 371(c)(4) naming an inventive entity different from the inventive entity set forth in the international stage.
- § 3.81 - for a patent to issue to assignee, assignment submitted after payment of the issue fee.

Signature

Michael D. Fabiano

Typed or printed name

February 13, 2012

Date

44,675

Registration No., if applicable

This collection of information is required by 37 CFR 1.17. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 5 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1996, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | |
|--|-------------------------------|--|
| POWER OF ATTORNEY OR REVOCAION OF POWER OF ATTORNEY WITH A NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS | Application Number | 11112990 |
| | Filing Date | 2005-04-22 |
| | First Named Inventor | Keith R. McNally |
| | Title | Information Management and Synchronous ... |
| | Art Unit | 2191 |
| | Examiner Name | Matthew J. Brophy |
| | Attorney Docket Number | 1004293.005 US |

I hereby revoke all previous powers of attorney given in the above-identified application.

A Power of Attorney is submitted herewith.

OR

I hereby appoint Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

24955

OR

I hereby appoint Practitioner(s) named below as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

| Practitioner(s) Name | Registration Number |
|----------------------|---------------------|
| | |
| | |
| | |
| | |

Please recognize or change the correspondence address for the above-identified application to:

The address associated with the above-mentioned Customer Number.

OR

The address associated with Customer Number:

Firm or Individual Name

Address

City State Zip

Country

Telephone Email

I am the:

Applicant/Inventor.

OR

Assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) (Form PTO/SB/99) submitted herewith or filed on _____

SIGNATURE of Applicant or Assignee of Record

| | | | |
|-------------------|---|-----------|-----------|
| Signature |  | Date | 2-21-2012 |
| Name | Keith R. McNally | Telephone | |
| Title and Company | President of Ameranth, Inc. | | |

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

*Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Electronic Acknowledgement Receipt

| | |
|---|---|
| EFS ID: | 12130994 |
| Application Number: | 11112990 |
| International Application Number: | |
| Confirmation Number: | 7098 |
| Title of Invention: | INFORMATION MANAGEMENT AND SYNCHRONOUS COMMUNICATIONS SYSTEM WITH MENU GENERATION, AND HANDWRITING AND VOICE MODIFICATION OF ORDERS |
| First Named Inventor/Applicant Name: | Keith R. McNally |
| Correspondence Address: | Fabiano Law Firm, P.C. - Suite 300 12526 High Bluff Drive San Diego CA 92130 US 6197429631 mdfabiano@fabianolawfirm.com |
| Filer: | John L. Rogitz/Jennifer Grygiel |
| Filer Authorized By: | John L. Rogitz |
| Attorney Docket Number: | 1004293.005 US |
| Receipt Date: | 22-FEB-2012 |
| Filing Date: | 22-APR-2005 |
| Time Stamp: | 12:59:31 |
| Application Type: | Utility under 35 USC 111(a) |

Payment information:

| | |
|------------------------|----|
| Submitted with Payment | no |
|------------------------|----|

File Listing:

| Document Number | Document Description | File Name | File Size(Bytes)/ Message Digest | Multi Part /.zip | Pages (if appl.) |
|-----------------|----------------------|-----------------------|---|------------------|------------------|
| 1 | Power of Attorney | 1004293-005US_POA.pdf | 44248 18d994de4513b656c36b76b346ccb79b2250ad64 | no | 1 |

Warnings:

Information:

| | |
|-------------------------------------|-------|
| Total Files Size (in bytes): | 44248 |
|-------------------------------------|-------|

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



| APPLICATION NO. | ISSUE DATE | PATENT NO. | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|------------|------------|---------------------|------------------|
| 11/112,990 | 03/27/2012 | 8146077 | 1004293.005 US | 7098 |

7590 03/07/2012

Fabiano Law Firm, P.C.
Suite 300
12526 High Bluff Drive
San Diego, CA 92130

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment is 1535 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site <http://pair.uspto.gov> for additional applicants):

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



FABIANO LAW FIRM, P.C.
SUITE 300
12526 HIGH BLUFF DRIVE
SAN DIEGO CA 92130

MAILED

MAR 26 2012

OFFICE OF PETITIONS

In re Application of
Keith R. MCNALLY et al. :
Application No. 11/112,990 :
Filed: April 22, 2005 : NOTICE UNDER 37 CFR. 1.28(c)
Patent No. 8,146,077 :
Issue Date: March 27, 2012 :
Attorney Docket No. 1004293.005 US :

This is a notice regarding your request for acceptance of a fee deficiency submission under 37 CFR 1.28.

The Office no longer investigates or rejects original or reissue applications under 37 CFR 1.56. **1098 Off. Gaz. Pat. Office 502 (January 3, 1989)**. Therefore, nothing in this Notice is intended to imply that an investigation was done.

Your fee deficiency submission under 37 CFR 1.28 is hereby **ACCEPTED**.

This application is no longer entitled to small entity status. Accordingly, all future fees paid in this application must be paid at the large entity rate.

Inquiries related to this communication should be directed to Michelle R. Eason at (571) 272-4231.

Thurman K. Page
Petitions Examiner
Office of Petitions