Appendix C

Claim 1 of Ameranth Pat. 8,146,077

Claim Recitations	2019 PEG Analysis
1. An information management and real time synchronous communications system for configuring and transmitting hospitality menus comprising:	This claim is directed to a system. System claims have been construed as claims directed to a machine. Hence, this claim falls within one of the statutory categories of 35 USC 101.
a. a central processing unit,	A processing unit is a processor or computer and, thus, constitutes an additional element.
b. a data storage device connected to said central processing unit,	A storage device is hardware and, as such, constitutes an additional element.
c. an operating system including a first graphical user interface,	A GUI is nothing more than an element that is operated by a user to input and to display information. For the purpose of this analysis, the GUI is an additional element.
d. a master menu including at least menu categories, menu items and modifiers,	A menu is a display that is used to organize human activity. Hence, this element constitutes an abstract idea, which is a judicial exception.
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	This element is a combination of storing information used to organize human activity (the master menu) and displaying mental processes (the display facilitates user operations) – an abstract idea.
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,	This recitation of software is not a recitation of a mathematical concept, or a recitation of organizing human activity, or a recitation of a mental process. It is directed broadly to wireless transmission and constitutes an additional element.
said programmed handheld menu configuration comprising at least menu categories, menu items and modifiers and	Menu categories are directed to methods of organizing human activity and also, to a mental process.
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	This element broadly describes how the software operates to generate menus: it utilizes parameters from the master menu file. The generation of menus can be performed with pen and paper and, thus, constitutes an abstract idea.
such that at least the menu categories, menu	Synchronizing the menu configurations in real

Claim Recitations	2019 PEG Analysis
items and modifiers comprising the programmed handheld menu configuration are synchronized in real time with analogous information comprising the master menu,	time with the master menu can be performed in the human mind and, thus, constitutes an abstract idea.
wherein the menu configuration software is further enabled to generate the programmed handheld menu configuration in conformity with 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,	The display of the menu is part of the collection, analysis and display of information; and has been held to be a mental process. This element is one of the 3 categories the 2019 PEG identifies as an abstract idea.
wherein said 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 customized display layout of the wireless handheld computing device,	The particular manner in which the menu configuration is displayed (as programmed cascaded sets of linked GUI screens) is considered, for this analysis, to be an additional element.
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,	Here too, the display of cascaded sets of linked GUI screens being different from the display of cascaded sets of linked GUI screens of the master menu is considered to be an additional element.
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	Real time synchronous communication to and from the wireless handheld computing device is an additional element.
wherein the system is further enabled to	Automatic formatting for displaying GUI

Claim Recitations	2019 PEG Analysis
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	screens in two different display sizes is an additional element.
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.	The display of different screens in different handheld computing devices is part of the collection, analysis and display of information; and has been held to be a mental process. This element is one of the 3 categories the 2019 PEG identifies as an abstract idea.