~~receive input from a respective user and to an output device to present communications, each said user having a user identity, the controller computer being programmed to carry out the steps of:~~

~~controlling real time communication between the participator computers, and storing each said user identity and a respective authorization to communicate human communication sound for use in the controlling.~~

903. (currently amended)   A <u>human communication</u> system <u>for</u> controlling ~~real-time~~ communications ~~over~~ <u>via</u> an Internet network, the system including<u>:</u>

~~a plurality of participator computers connected with a controller computer, at least one of said participator computers being connected to the controller computer through the Internet network; and~~

~~a controller computer controlled by a program to carry out the steps of:~~

~~storing a user identity and a set of privileges corresponding to the user identity;~~

<u>a plurality of computers connected, responsive to each of the plurality of computers sending a user identity associated with a login name and a password, to a computer system programmed to allow a first of the user identities and a second of the user identities to form a group to send and receive communications in real time and via the Internet network, wherein those of the plurality of computers in the group are programmed to receive communications, wherein at least some of the communications include a pointer that produces a pointer-triggered message on demand, at least some of the communications include data representing human communication sound, and at least some of the communications include data representing at least one of text or ascii.</u> ~~receiving a login name and password corresponding to the user identity from a first participator computer of the plurality of participator computers;~~

~~determining whether the set of privileges corresponding to the user identity~~

~~includes a privilege to communicate a type of message in real-time over the Internet network,~~
~~the type including at least one of a video, a graphic, graphical multimedia, or a pointer-triggered~~
~~message;~~

~~if the set of privileges includes a privilege to communicate the type of message~~
~~in real-time over the Internet network, allowing the first participator computer to communicate~~
~~the type of message to another of the plurality of participator computers; and~~

~~if the set of privileges does not include a privilege to communicate the type of~~
~~message in real-time over the Internet network, not allowing the first participator computer to~~
~~communicate the type of message another of the plurality of participator computers.~~

904. (currently amended)   The system of claim <u>909</u> ~~903~~, ~~further including~~
~~human communication sound as said type of message~~ <u>wherein the type includes a pointer and</u>
<u>a video and a graphic</u>.

905. (currently amended)   The system of claim <u>909</u> ~~903~~, ~~wherein said steps~~
~~further include the step of sending a denial message to the first participator computer of said~~
~~participator computers if the set of privileges does not include a privilege to communicate the~~
~~type of message in real-time over the Internet network~~ <u>wherein the type includes audio and a</u>
<u>video and a graphic</u>.

906. (currently amended)   The system of claim <u>909</u> ~~903~~, ~~wherein the type of~~
~~message is graphical multimedia~~ <u>wherein the type includes a pointer and audio and a video and</u>
<u>a graphic</u>.

907. (currently amended)   The system of claim <u>909</u> 903, ~~wherein the type of~~
~~message is video~~ <u>wherein the computer system is further programmed to allow the first</u>

211

computer to communicate a pointer that produces a pointer-triggered message on demand.

908. (currently amended)   The system of claim 880 ~~903, wherein the type of~~ ~~message is graphic~~ wherein the computer system is further programmed to allow the first computer to communicate a pointer that produces a pointer-triggered message on demand.

909. (currently amended)   A system of controlling real time ~~real-time~~ communications ~~over~~ via an Internet network, the system including:

a computer system programmed to:

~~plurality of participator computers connected with a controller computer, at least~~ ~~one of said participator computers being connected to the controller computer through the~~ ~~Internet network; and~~

~~a controller computer controlled by a program to carry out the steps of:~~

~~storing a user identity and a set of privileges corresponding to the user identity;~~

~~receiving a login name and password corresponding to the user identity from a~~ ~~first participator computer of the plurality of participator computers;~~

~~determining whether the set of privileges corresponding to the user identity~~ ~~includes a privilege to communicate a type of message in real-time over the Internet network,~~ ~~the type including a human communication sound;~~

~~if the set of privileges includes a privilege to communicate the type of message~~ ~~in real-time over the Internet network, allowing the first participator computer to communicate~~ ~~the type of message to another of the plurality of participator computers; and~~

connect a plurality of computers including a first computer in response to each of the plurality of computers sending information indicative of a respective login name and respective a password, which together correspond to a user identity,

store a set of privileges corresponding to each user identity,

212

determine whether the set of privileges corresponding to each user identity includes a privilege to communicate at least one type of message in real time via the Internet network, the type including a video, graphic, a member-associated image, or graphical multimedia, and if the set of privileges includes the privilege, communicate the at least one type of message,

the computer system being further programmed to allow the first computer to communicate data representing the at least one type of message to another of the plurality of computers, and

if the set of privileges does not include a the privilege to communicate the at least one type of message, disallow in real-time over the Internet network, not allowing the first participator computer from communicating the at least one to communicate the type of message to another of the plurality of participator computers.

910. (currently amended) A method of controlling real-time-communications communication over an Internet network, the method including the steps of:

storing, with a controller computer, a user identity and a set of privileges corresponding to the user identity;

connecting a computer system with a plurality of participator computers; with a controller computer, at least one of the participator computers being connected with the controller computer through the Internet;

receiving sending information indicative of a respective login name and password corresponding to the a first user identity from a first participator of the plurality of computers; of the plurality of participator computers;

determining whether the set of privileges corresponding to the user identity includes a privilege to communicate a type of message in real-time over the Internet network, the type including at least one of a video, a graphic, graphical multimedia, or a pointer-triggered

~~message;~~

~~if the set of privileges includes a privilege to communicate the type of message in real-time over the Internet network, allowing the first participator computer to communicate the type of message to another of the plurality of participator computers; and~~

~~if the set of privileges does not include a privilege to communicate the type of message in real-time over the Internet network, not allowing the first participator computer to communicate the type of message another of the plurality of participator computers~~

receiving information indicative of a login name and a password corresponding to a second user identity from a second of the plurality of computers;

allowing the first user identity and the second user identity to form a group; and

sending and receiving communications in real time and via the Internet network between those of the plurality of computers in the group, wherein at least some of the communications include a pointer that produces a pointer-triggered message on demand, at least some of the communications include data representing sound indicative of a human communication sound, and at least some of the communications include data representing at least one of text or ascii.

911. (currently amended)   The ~~method~~ system of claim 881 ~~910, further including a human communication sound as said type of message~~ wherein the computer system is further programmed to allow the first computer to communicate a pointer that produces a pointer-triggered message on demand.

912. (currently amended)   The ~~method~~ system of claim 882 ~~910, further including the step of sending a denial message to the first participator computer of said participator computers if the set of privileges does not include a privilege to communicate the type of message in real-time over the Internet network~~ wherein the computer system is further

214

programmed to allow the first computer to communicate a pointer that produces a pointer-triggered message on demand.

913. (currently amended)   The ~~method~~ system of claim 883 ~~910, wherein the type of message is graphical multimedia~~ wherein the computer system is further programmed to allow the first computer to communicate a pointer that produces a pointer-triggered message on demand.

914. (currently amended)   The ~~method~~ system of claim 886 ~~910, wherein the type of message is video~~ wherein the computer system is further programmed to allow the first computer to communicate a pointer that produces a pointer-triggered message on demand.

915. (currently amended)   The ~~method~~ system of claim 887 ~~910, wherein the type of message is graphic~~ wherein the computer system is further programmed to allow the first computer to communicate a pointer that produces a pointer-triggered message on demand.

916. (currently amended)   A method of controlling real time ~~real-time~~ communications ~~over~~ via an Internet network, the method including ~~the steps of~~:

storing, ~~with a controller computer~~, ~~a user identity and~~ a set of privileges corresponding to ~~the~~ a user identity;

connecting a plurality of ~~participator~~ computers ~~with a controller computer, at least one of said participator computers being connected with the controller computer through~~ via the Internet network;

receiving information indicative of a login name and a password corresponding respectively to the user identity from a first ~~participator~~ computer of the plurality of ~~participator~~ computers;

215

determining whether the set of privileges ~~corresponding to the user identity~~ includes a privilege to communicate a <u>at least one</u> type of message ~~in real time over the Internet network, the type including~~ <u>that includes a video, graphic, a member-associated image, or graphical multimedia</u> ~~a human communication sound~~;

if the set of privileges includes ~~a~~ <u>the</u> privilege to communicate the <u>at least one</u> type of message ~~in real time over the Internet network~~, allowing the first <u>of the plurality of</u> ~~participator~~ computer to communicate<u>, in real time via the internet network,</u> the type of message to <u>an other</u> ~~another~~ of the plurality of ~~participator~~ computers; and

if the set of privileges does not include ~~a~~ <u>the</u> privilege to communicate the <u>at least one</u> type of message ~~in real time over the Internet network~~, ~~not allowing~~ <u>disallowing</u> the first ~~participator~~ computer ~~to communicate~~ <u>from communicating</u> the <u>at least one</u> type of message <u>to the other</u> ~~another~~ of the plurality of ~~participator~~ computers.

917. (currently amended)   A <u>method of receiving a</u> ~~system to control~~ communication ~~over~~ <u>via</u> an Internet network, the <u>method</u> ~~system~~ including:

~~a plurality of participator computers connected with a controller computer, wherein at least one of said participator computers is connected with said controller computer through the Internet network, each said participator computer connected to an input device to receive input from a user and to an output device to present communications, each said user having a user identity, the controller computer programmed to control real time Internet communication between said users by using a control database storing each said user identity, the user identity having a respective authorization for communicating human communication sound in some of said communications~~

<u>sending, from a first computer, information indicative of a login name and a password corresponding to a user identity;</u>

<u>responsive to the sending, connecting the first computer to a computer system;</u>

216

forming a communication link between the first computer and a second computer for communicating a communication, the communication including data representing at least one of a member-associated image, video, graphic, sound, or multimedia;

communicating a pointer, from the first computer to the computer system to obtain the communication at the first computer, the communication being sent in real time and via the Internet network; and

receiving the communication from the first computer at the second computer in real time over the communication link.

918. (currently amended)   A system to control to distribute a communication over via an Internet network, the system including:

a plurality of participator computers connected with a controller computer through the Internet network, each said participator computer connected to an input device to receive input from a user and to an output device to present communications, each said user having a user identity, the controller computer programmed to control real time Internet communication between said users by using a control database storing each said user identity, the user identity having a respective authorization for communicating human communication sound in some of said communications

a first computer connected to a computer system, the first computer being connected responsive to its sending information indicative of a login name and a password corresponding to a user identity;

a communication link between the first computer and a second computer; and

respective software stored in the first and second computers, the software stored in the first computer being programmed to communicate a pointer, from the first computer to the computer system, for receiving the communication at the first computer, the communication being sent in real time and via the Internet network, and the software stored in the second

217

computer being programmed to receive the communication for the first computer at the second computer in real time via the communication link, wherein the communication includes data representing at least one of a video, graphic, sound, or multimedia.

919. (currently amended)   The system of claim 888 ~~600~~, ~~wherein said sound is comprised of a human communication sound~~ wherein the computer system is further programmed to allow the first computer to communicate a pointer that produces a pointer-triggered message on demand.

920. (currently amended)   The system of claim 889 ~~170~~, ~~wherein one of said participator computers in said group is programmed to carry out the step of receiving some of said communications, said receiving including causing presentation of some of said communications by one of said participator computers in said group~~ wherein the computer system is further programmed to allow the first computer to communicate a pointer that produces a pointer-triggered message on demand.

921. (currently amended)   The system of claim 890 ~~409~~, ~~wherein one of said participator computers in said group is programmed to carry out the step of receiving some of said communications, said receiving including causing presentation of some of said communications by one of said participator computers in said group~~ wherein the computer system is further programmed to allow the first computer to communicate a pointer that produces a pointer-triggered message on demand.

922. (currently amended)   The system of claim 897 ~~604~~, ~~wherein one of said participator computers in said group is programmed to carry out the step of receiving some of said communications, said receiving including causing presentation of some of said~~

~~communications by one of said participator computers in said group~~ <u>wherein the computer system is further programmed to allow the first computer to communicate a pointer that produces a pointer-triggered message on demand</u>.

923. (currently amended)   The system of claim <u>898</u> ~~843~~, ~~wherein one of said participator computers is programmed to carry out the step of receiving some of said communications, said receiving including causing presentation of some of said communications~~ <u>wherein the computer system is further programmed to allow the first computer to communicate a pointer that produces a pointer-triggered message on demand</u>.

924. (currently amended) The system of claim <u>899</u> ~~600~~, ~~wherein the plurality of participator computers are from more than an audience of a particular Internet service provider~~ <u>wherein the computer system is further programmed to allow the first computer to communicate a pointer that produces a pointer-triggered message on demand</u>.

925. (currently amended) The system of claim <u>900</u> ~~876~~, ~~further including the step of receiving some of said communications, said receiving including causing presentation of some of said communications~~ <u>wherein the computer system is further programmed to allow the first computer to communicate a pointer that produces a pointer-triggered message on demand</u>.

926. (currently amended)   The system of claim <u>904</u> ~~877~~, ~~wherein one of said participator computers is programmed to carry out the step of receiving some of said communications, said receiving including causing presentation of some of said communications~~ <u>wherein the computer system is further programmed to allow the first computer to communicate a pointer that produces a pointer-triggered message on demand</u>.

219

927. (currently amended) The system of claim <u>905</u> ~~878, wherein one of said~~ ~~participator computers is programmed to carry out the step of receiving some of said~~ ~~communications, said receiving including causing presentation of some of said communications~~ <u>wherein the computer system is further programmed to allow the first computer to communicate</u> <u>a pointer that produces a pointer-triggered message on demand</u>.

928. (currently amended) The system of claim <u>906</u> ~~884, further including the~~ ~~step of receiving some of said communications, said receiving including causing presentation of~~ ~~some of said communications~~ <u>wherein the computer system is further programmed to allow the</u> <u>first computer to communicate a pointer that produces a pointer-triggered message on demand</u>.

929. (currently amended) The ~~system~~ <u>method</u> of claim <u>916</u> ~~885, wherein one~~ ~~of said participator computers is programmed to carry out the step of receiving some of said~~ ~~communications, said receiving including causing presentation of some of said communications~~ <u>wherein the type includes a pointer</u>.

930. (currently amended) The ~~system~~ <u>method</u> of claim <u>916</u> ~~891, wherein one~~ ~~of said participator computers is programmed to carry out the step of receiving some of said~~ ~~communications, said receiving including causing presentation of some of said communications~~ <u>wherein the type includes audio</u>.

931. (currently amended) The ~~system~~ <u>method</u> of claim <u>916</u> ~~892, further~~ ~~including the step of receiving some of said communications, said receiving including causing~~ ~~presentation of some of said communications~~ <u>wherein the type includes a video</u>.

932. (currently amended) The <u>method</u> ~~system~~ of claim <u>916</u> ~~893, further~~

~~including the step of receiving some of said communications, said receiving including causing~~ ~~presentation of some of said communications~~ wherein the type includes a graphic.

933. (currently amended)   The ~~system~~ method of claim <u>916</u> ~~894~~, ~~wherein one~~ ~~of said participator computers is programmed to carry out the step of receiving some of said~~ ~~communications, said receiving including causing presentation of some of said communications~~ wherein the type includes multimedia.

934. (currently amended)   The ~~system~~ method of claim <u>916</u> ~~895~~, ~~wherein one~~ ~~of said participator computers is programmed to carry out the step of receiving some of said~~ ~~communications, said receiving including causing presentation of some of said communications~~ wherein the type includes a pointer and audio.

935. (currently amended)   The method of claim <u>916</u> ~~166~~, ~~wherein said step of~~ ~~programming is carried out with said sound comprising a human communication sound~~ wherein the type includes a pointer and a video.

936. (currently amended)   The ~~system~~ method of claim <u>916</u> ~~901~~, ~~further~~ ~~including the step of receiving some of said communications, said receiving including causing~~ ~~presentation of some of said communications~~ wherein the type includes a pointer and a graphic.

937. (currently amended)   The ~~system~~ method of claim <u>916</u> ~~902~~, ~~wherein one~~ ~~of said participator computers is programmed to carry out the step of receiving some of said~~ ~~communications, said receiving including causing presentation of some of said communications~~ wherein the type includes audio and a graphic.

938. (currently amended) The ~~system~~ <u>method</u> of claim <u>916</u> ~~903, wherein one of said participator computers is programmed to carry out the step of receiving some of said communications, said receiving including causing presentation of some of said communications~~ <u>wherein the type includes audio and video</u>.

939. (currently amended) The ~~system~~ <u>method</u> of claim <u>916</u> ~~599, wherein said sound is comprised of a human communication sound~~ <u>wherein the type includes a video and a graphic</u>.

.940. (currently amended) The ~~system~~ <u>method</u> of claim <u>916</u> ~~909, wherein one of said participator computers is programmed to carry out the step of receiving some of said communications, said receiving including causing presentation of some of said communications~~ <u>wherein the type includes a pointer and audio and a video</u>.

941. (currently amended) The ~~system~~ <u>method</u> of claim <u>916</u> ~~910, wherein one of said participator computers is programmed to carry out the step of receiving some of said communications, said receiving including causing presentation of some of said communications~~ <u>wherein the type includes a pointer and audio and a graphic</u>.

942. (currently amended) The ~~system~~ <u>method</u> of claim 916, ~~further including the step of receiving some of said communications, said receiving including causing presentation of some of said communications~~ <u>wherein the type includes a pointer and a video and a graphic</u>.

943. (currently amended) The ~~system~~ <u>method</u> of claim <u>916</u> ~~917, wherein one~~

222

~~of said participator computers is programmed to carry out the step of receiving some of said~~ ~~communications, said receiving including causing presentation of some of said communications~~ wherein the type includes audio and a video and a graphic.

944. (currently amended)   The ~~system~~ method of claim 916 ~~918~~, ~~wherein one~~ ~~of said participator computers is programmed to carry out the step of receiving some of said~~ ~~communications, said receiving including causing presentation of some of said communications~~ wherein the type includes a pointer and audio and a video and a graphic.

945. (currently amended)   The method of claim 916 ~~170~~, ~~wherein the step of~~ ~~connecting is carried out with the plurality of participator computers from more than an~~ ~~audience of a particular Internet service provider~~ further including allowing the first computer to communicate a pointer that produces a pointer-triggered message on demand.

946. (currently amended)   The ~~system~~ method of claim 929 ~~435~~, ~~wherein the~~ ~~plurality of participator computers are from more than an audience of a particular Internet~~ ~~service provider~~ further including allowing the first computer to communicate a pointer that produces a pointer-triggered message on demand.

947. (currently amended)   The ~~method~~ system of claim 929 ~~893~~, ~~wherein the~~ ~~step of connecting is carried out with the plurality of participator computers from more than an~~ ~~audience of a particular Internet service provider~~ further including allowing the first computer to communicate a pointer that produces a pointer-triggered message on demand.

948. (currently amended)   The ~~system~~ method of claim 930 ~~895~~, ~~wherein the~~ ~~plurality of participator computers are from more than an audience of a particular Internet~~

223

~~service provider~~ <u>further including allowing the first computer to communicate a pointer that produces a pointer-triggered message on demand</u>.

949. (currently amended)   An Internet <u>network</u> communication system, the system including:

<u>a computer system including</u> ~~at least one controller~~ <u>a server</u> computer;

~~two or more participator~~ <u>a plurality of</u> computers<u>, each of the plurality of</u> computers<u>,</u> ~~each said computer taking part in the communication system, each said participator computer~~ connected to an input device and an output device<u>, and,</u> ~~the input device receiving input information from a respective user, the output device presenting messages, each said user having a user identity identifying the user;~~

a communication <u>link</u> ~~path~~ between ~~said~~ <u>the computer system including</u> ~~at least one controller~~ <u>a server</u> computer and each ~~said participator~~ <u>of the plurality of</u> computer<u>s, each of the plurality of computers being connected responsive to its sending information indicative of a login name and password, each respective login name and password corresponding to a respective user identity,</u> ~~a portion of the communication path passing through or by way of the Internet;~~

~~computer software running on said at least one controller computer regulating steps including:~~

<u>wherein the server computer is programmed to:</u>

~~deciding whether a~~ <u>allow one of the plurality of</u> ~~participator~~ computer<u>s to</u> ~~can~~ be a member in one of a ~~number~~ <u>plurality</u> of communication channels, each said communication channel allowing communication between <u>at least some of the plurality of</u> ~~two or more of the participator~~ computers by way of <u>the communication link,</u> ~~said at least one controller computer, said deciding performed in accordance with previously defined criteria, said criteria including examining whether a particular user identity is authorized to access the communication system;~~

224

~~delivering user messages according to the previously defined criteria in real time~~

~~between receipt and delivery of the messages by said at least one controller computer so as to~~

~~allow the user to access the user messages substantially instantaneously; and~~

<u>cause graphical multimedia data associated with a first of the log in names to be</u>

<u>presented at one of the output devices corresponding to a second of the user identities,</u>

<u>the server computer being further programmed to cause user messages to be</u>

<u>delivered over or by way of the Internet network, in at least one of the communication channels,</u>

<u>and in real time between receipt and delivery of the user messages so as to allow access to the</u>

<u>user messages substantially instantaneously,</u>

wherein at least some of the user messages ~~are comprised of two or more data~~

~~types from a group including text, audio,~~ <u>individually include at least two of text, a sound, a</u>

<u>graphic</u> ~~graphics~~, <u>an image</u> ~~images~~, and <u>a</u> video ~~or comprised of a URL text that points to at~~

~~least one additional data type other than text~~.

950. (currently amended)   The system of claim 949, wherein at least one of

said user messages includes <u>a uniform resource locater, whereby the uniform resource locater</u>

~~an address that instructs any of the participator computers to locate another media type upon~~

~~action by one of the users~~ <u>produces a message upon demand</u>.

951. (currently amended)   The system of claim 949, wherein at least one of

said user messages includes <u>the uniform resource locator, whereby the uniform resource</u>

<u>locator</u> ~~an address that~~ commands ~~any of the participator~~ <u>at least one of the plurality of</u>

computers <u>corresponding to the receipt</u> to locate an additional message and present the

additional message at ~~a~~ <u>the</u> respective output device.

952. (currently amended)   The system of claim 949, ~~wherein said deciding~~

225

performed in accordance with previously defined criteria is carried out with said criteria including examining a password in connection with one of said user identities wherein the computer system is further programmed to determine whether the receipt is censored, and to cause the receipt if the receipt is not censored.

953. (currently amended) A method including: employing computer devices to make decisions and distribute communication, the method including the steps of:

establishing a communication path between a computer system at least one controller computer and each of a plurality of participator computers, the communication path passing through or by way of an Internet network, each of said computer taking part in a system, each of said communicator the plurality of computers respectively connected to an input device and to an output device, each of the plurality of computers being connected responsive to its sending information indicative of a login name and password, each respective login name and password corresponding to a respective user identity, said input devices receiving input information from a respective user of the system, each of the respective output devices presenting user messages, each said user having a user identity identifying the user;

programming the at least one controller computer to direct communication of user messages from one or more of the participator computers to one or more other of the participator computers;

deciding with the at least one controller computer whether a participator computer can be a member in one of a number of communication channels, each said communication channel allowing communication between two or more of the participator computers by way of the at least one controller computer, said deciding performed according to previously defined criteria, the criteria including an examination of whether a particular user identity is authorized to access the system;

delivering the user messages according to the previously defined criteria in real

~~time between receipt and delivery of the messages by said at least one controller computer so as to allow the user to access the user messages substantially instantaneously; and~~

~~wherein at least some of the user messages are comprised of two or more data types from a group including text, audio, graphics, images, and video or comprised of a URL text that points to at least one additional data type other than text.~~

allowing a first one of the plurality of computers to be a member of one of a plurality of communication channels, and

storing, for a first of the user identities, an authorization for allowing or disallowing presentment of graphical multimedia data,

based on the authorization, presenting the graphical multimedia data at the output device corresponding to a second of the user identities,

sending and receiving, in real time, user messages between two or more of the plurality of computers, over or by way of the Internet network, in at least one of the communication channels, thereby allowing access to the user messages substantially instantaneously,

wherein at least some of the user messages individually include uniform resource locator text that points data that does not include text or ascii.

954. (currently amended)   The method of claim 953, ~~wherein said step of delivering includes delivering an address or URL of an additional user message and computer instructions that require at least one of the participator computers to locate the additional user message at the address or URL~~ further including instructing at least one of the plurality of computers to locate an additional user message on demand via the uniform resource locator.

Please add new claims 955-981 as follows:

227

955.(new)   The method of claim 931, further including allowing the first computer to communicate a pointer that produces a pointer-triggered message on demand.

956. (new)   The method of claim 932, further including allowing the first computer to communicate a pointer that produces a pointer-triggered message on demand.

957. (new)   The method of claim 933, further including allowing the first computer to communicate a pointer that produces a pointer-triggered message on demand.

958. (new)   The method of claim 934, further including allowing the first computer to communicate a pointer that produces a pointer-triggered message on demand.

959. (new)   The method of claim 935, further including allowing the first computer to communicate a pointer that produces a pointer-triggered message on demand.

960. (new)   The method of claim 936, further including allowing the first computer to communicate a pointer that produces a pointer-triggered message on demand.

961. (new)   The method of claim 937, further including allowing the first computer to communicate a pointer that produces a pointer-triggered message on demand.

962. (new)   The method of claim 938, further including allowing the first computer to communicate a pointer that produces a pointer-triggered message on demand.

963. (new)   The method of claim 939, further including allowing the first computer to communicate a pointer that produces a pointer-triggered message on demand.

964. (new)   The method of claim 940, further including allowing the first

computer to communicate a pointer that produces a pointer-triggered message on demand.

965.(new)   The method of claim 940, further including allowing the first

computer to communicate a pointer that produces a pointer-triggered message on demand.

966.(new)   The method of claim 941, further including allowing the first

computer to communicate a pointer that produces a pointer-triggered message on demand.

967. (new)   The method of claim 942, further including allowing the first

computer to communicate a pointer that produces a pointer-triggered message on demand.

968. (new)   The method of claim 943, further including allowing the first

computer to communicate a pointer that produces a pointer-triggered message on demand.

969. (new)   The method of claim 944, further including allowing the first

computer to communicate a pointer that produces a pointer-triggered message on demand.

970. (new)   The method of claim 945, further including allowing the first

computer to communicate a pointer that produces a pointer-triggered message on demand.

973. (new)   A method communicating via an Internet network, the method

including:

connecting a plurality of computers to a computer system, each of the plurality of

computers connected responsive to receiving at the computer system information indicative of a

respective log in name and password corresponding to a respective user identity;

determining whether a first of the user identities and a second of the user identities are able to form a group for sending and for receiving communications in real time;

determining whether at least one of the first user identity and the second user identity, individually, is censored from receiving in the communications at least one of a pointer, video, audio, graphic, or multimedia; and

if the first and the second user identities are able to form the group, forming the group for sending the communications, and receiving the communications that are not censored based on the individual user identity, wherein the receiving is in real time via the Internet network, and not receiving the communications that are censored.

974. (new)   A method communicating via an Internet network, the method including:

connecting a plurality of computers to a computer system, each of the plurality of computers connected responsive to receiving at the computer system information indicative of a respective log in name and password corresponding to a respective user identity;

determining whether a first of the user identities and a second of the user identities are able to form a group for sending and for receiving communications in real time by determining whether at least one of the first user identity and the second user identity, individually, is censored from receiving in the communications at least one of a pointer, video, audio, graphic, or multimedia; and

if the first and the second user identities are able to form the group, forming the group for sending the communications, and receiving the communications in real time via the Internet network.

975. (new)   A method communicating via an Internet network, the method

230

including:

connecting a plurality of computers to a computer system, each of the plurality of computers connected responsive to receiving at the computer system information indicative of a respective log in name and password corresponding to a respective user identity;

determining whether a first of the user identities and a second of the user identities are able to form a group for sending and for receiving communications in real time;

determining whether at least one of the first user identity and the second user identity, individually, is censored from sending in the communications at least one of a pointer, video, audio, graphic, or multimedia; and

if the first and the second user identities are able to form the group, forming the group, sending the communications that are not censored based on the individual user identity, and receiving the communications in real time via the Internet network.

976. (new)   A method communicating via an Internet network, the method including:

connecting a plurality of computers to a computer system, each of the plurality of computers connected responsive to receiving at the computer system information indicative of a respective log in name and password corresponding to a respective user identity;

determining whether a first of the user identities and a second of the user identities are able to form a group for sending and for receiving communications in real time by determining whether at least one of the first user identity and the second user identity, individually, is censored from sending in the communications at least one of a pointer, video, audio, graphic, or multimedia; and

if the first and the second user identities are able to form the group, forming the group for sending the communications, and receiving the communications in real time via the Internet network.

231

977. (new)   A method of communicating via an Internet network, the method including:

presenting an option to a plurality of computers to access at least one of two computer systems, wherein the option is exercised by providing a respective user name and password respectively corresponding to a user identity to the one of the two computer systems, wherein each of the two computer systems is programmed to cause at least some of the user identities to be recognized by both of the two computer systems and to allow at least some of the plurality of computers to form at least one group for sending and for receiving communications, wherein at least some of the communications are received in real time via the Internet network, the at least one of two computer systems being programmed to determine whether at least one of the user identities, individually, is censored from data representing at least one of a pointer, video, audio, graphic, or multimedia such that the data that is censored is not presented by the corresponding computer.

978. (new)   A system to communicate via an Internet network, the system including:

a plurality of computers connected to a computer system, each of the plurality of computers being connected responsive to receipt at the computer system of information indicative of a respective log in name and password corresponding to a respective user identity, the computer system being programmed to:

determine whether a first of the user identities and a second of the user identities are able to form a group capable of sending and receiving communications in real time;

determine whether at least one of the first user identity and the second user identity, individually, is censored from receiving in the communications at least one of a pointer, video, audio, graphic, or multimedia, and

232

if the first and the second user identities are able to form the group, form the group for sending the communications, and

cause the plurality of computers in the group to receive, in real time via the Internet network, the communications that are not censored based on the individual user identity, and

cause the plurality of computers in the group to not receive the communications that are censored based on the individual user identity.

979. (new) A system to communicate via an Internet network, the system including:

a plurality of computers connected to a computer system, each of the plurality of computers being connected responsive to receipt at the computer system of information indicative of a respective log in name and password corresponding to a respective user identity, the computer system being programmed to:

determine whether a first of the user identities and a second of the user identities are able to form a group capable of sending and receiving communications in real time by determining whether at least one of the first user identity and the second user identity, individually, is censored from receiving in the communications at least one of a pointer, video, audio, graphic, or multimedia; and

if the first and the second user identities are able to form the group, cause the group to be formed to send the communications, and cause the plurality of computers in the group receive, in real time via the Internet network, the communications that are not censored based on the individual user identity.

980. (new) A system to communicate via an Internet network, the system including:

a plurality of computers connected to a computer system, each of the plurality of computers being connected responsive to receipt at the computer system of information indicative of a respective log in name and password corresponding to a respective user identity, the computer system being programmed to:

determine whether a first of the user identities and a second of the user identities are able to form a group for sending and for receiving communications in real time;

determine whether at least one of the first user identity and the second user identity, individually, is censored from sending in the communications at least one of a pointer, video, audio, graphic, or multimedia; and

if the first and the second user identities are able to form the group, cause the group to be formed and the communications that are not censored based on the individual user identity to be sent, and cause the communications to be received in real time via the Internet network.

981. (new)   A system to communicate via an Internet network, the system including:

a plurality of computers connected to a computer system, each of the plurality of computers being connected responsive to receipt at the computer system of information indicative of a respective log in name and password corresponding to a respective user identity, the computer system being programmed to:

determine whether a first of the user identities and a second of the user identities are able to form a group capable of sending and receiving communications in real time by determining whether at least one of the first user identity and the second user identity, individually, is censored from sending in the communications at least one of a pointer, video, audio, graphic, or multimedia; and

if the first and the second user identities are able to form the group, cause the

234

group to be formed to send and receive the communications between members of the group,

wherein the communications are received in real time via the Internet network.

II.   Remarks

The Examiner is requested to enter the amendment and reconsider the application. It is believed that no new matter has been added.

Formal Drawings were submitted on May 24, 2002, included Figures 1 and 3, corresponding to the Certificate of Correction issued in the parent application, U.S. Patent No. 5,956,491. The Examiner indicated that she would treat this filing of the Formal Drawings as an Amendment to the Drawings, and Applicant thanks the Examiner for that accommodation. It is believed that no new matter has been added.

Applicant filed two 1449 forms on June 10, 2005. Although it was believed that the cited art was previously filed, out of an abundance of caution, Applicant provided the Examiner with copies of the art cited in those 1449 forms.

In addition, as the Examiner is aware, the parent to the instant patent application has been asserted against America Online. Information from the litigation was provided to the Examiner on June 9, 2005, and a1449 form listing that information is being filed herewith. Further or more up to date information concerning the litigation can be found by contacting the Clerk of Court for the Northern District of Illinois, with certain information believed to be available over the Internet.

Applicant also expresses gratitude for the Examiner's extensive efforts in handling the present application. The Examiner has shown distinguished comprehension of the application, claims, cited art and other filings, all of which is greatly appreciated. As discussed with the Examiner, for ease of examination, the order of the dependent claims has been changed into blocks corresponding to the independent claims, and for the convenience of the Examiner, a clean copy of the amended claims is included herewith.

The preceding Office Action rejecting claims has been addressed with the previous Response, and the Remarks therein are applicable to the claims amended and added herein as well, but in truth, the instant amendment does not correspond to any rejection.

236

Claims pending prior to this amendment are intended to be taken up in a subsequent continuing application, and it is respectfully requested that exigencies of litigation not be confused with prosecution estoppel.

Respectfully, the application is believed to be in condition for allowance, and favorable action is requested. If the prosecution of this case can be in any way advanced by a telephone discussion or by a personal interview, the Examiner is requested to call the undersigned at (312) 240-0824. The undersigned respectfully requests an opportunity to meet with the Examiner should it be helpful in furthering prosecution.

The Commissioner is hereby authorized to charge any fees associated with the above-identified patent application or credit any overcharges to Deposit Account No. 50-0235, and if any extension of time is needed, this shall be deemed a petition therefore. Please direct all communication to the undersigned at the address given below.

Respectfully submitted,

Date: September 8, 2005

Peter K. Trzyna
(Reg. No. 32,601)

P. O. Box 7131
Chicago, Illinois 60680-7131
(312) 240-0824

237

PATENT

Paper No.

Our File No. AIS-P99-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor	:	Daniel L. Marks
Serial No.	:	09/399,578
Filed	:	September 20, 1999
For	:	REAL TIME COMMUNICATION SYSTEM
Group Art Unit	:	2155
Examiner	:	P. Winder

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

TRANSMITTAL LETTER

S I R :

Transmitted herewith for filing in the above-identified patent application is

the following:

1.   Information Disclosure Statement;

2.   PTO 1449 (1 page) and Cited Art;

3.   Supplemental Response;

4.   Clean Version of the Claims;

5.   PTO Form 1449 (8 pages); and

- 1 -

6. Substitute Specification Pages 2-44.

APPLICANT CLAIMS LARGE ENTITY STATUS. The Commissioner is

hereby authorized to charge any fees associated with the above-identified patent application

or credit any overcharges to Deposit Account No. 50-0235.

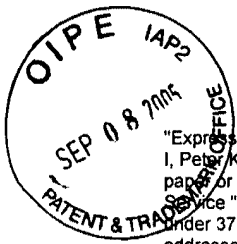Please direct all correspondence to the undersigned at the address given

below.

Respectfully submitted,

ʻDate: ___September 8, 2005___

Peter K. Trzyna
(Reg. No. 32,601)

P.O. Box 7131
Chicago, IL 60680-7131
(312) 240-0824

- 2 -

PATENT

Paper No.

Our File No. AIS-P99-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor	:	MARKS, Daniel L.
Serial No.	:	09/399,578
Filed	:	09/20/1999
For	:	REAL TIME COMMUNICATION SYSTEM
Group Art Unit	:	2145
Examiner	:	WINDER, Patrice L.

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

CLEAN VERSION OF THE CLAIMS

S I R :

As a courtesy to the Examiner, set forth below is a clean version of the claims

corresponding to the Supplemental Amendment filed herewith.

I. **Claims**

1. (currently amended)   A method of communicating via an Internet network, the method including:

connecting a plurality of computers to a computer system, each of the plurality of computers connected to a respective input device and to a respective output device;

sending, from each of the plurality of computers, a respective login name and a password corresponding to a respective user identity;

determining whether a first of the user identities and a second of the user identities are able to form a group for sending and for receiving communications in real time;

determining whether at least one of the first user identity and the second user identity, individually, is censored from data representing at least one of a pointer, video, audio, graphic, or multimedia; and

if the first and the second user identities are able to form the group, forming the group for sending the communications, and receiving the communications that are not censored based on the individual user identity, wherein the receiving is in real time and via the Internet network, and not presenting the data that is censored to the corresponding output device.

2. (currently amended)   The method of claim 1, wherein the data represents a pointer.

3. (currently amended)   The method of claim 1, wherein the data represents a video.

4. (currently amended)   The method of claim 1, wherein the data represents audio.

2

5. (currently amended)   The method of claim 1, wherein the data represents a graphic.

6. (currently amended)   The method of claim 1, wherein the data represents multimedia.

7. (currently amended)   The method of claim 1, wherein the data represents a pointer and a video.

8. (currently amended)   The method of claim 1, wherein the data represents a pointer and audio.

9. (currently amended)   The method of claim 1, wherein the data represents a pointer and a graphic.

10. (currently amended)   The method of claim 1, wherein the data represents a video and audio.

11. (currently amended)   The method of claim 1, wherein the data represents a video and a graphic.

12. (currently amended)   The method of claim 1, wherein the data represents audio and a graphic.

13. (currently amended)   The method of claim 1, wherein the data represents a pointer and a video and audio.

3

14. (currently amended)   The method of claim 1, wherein the data represents a pointer and a video and a graphic.

15. (currently amended)   The method of claim 1, wherein the data represents a pointer and audio and a graphic.

16. (currently amended)   The method of claim 1, wherein the data represents a video and audio and a graphic.

17. (currently amended)   The method of claim 1, wherein the data represents a pointer and a video and audio and a graphic.

18. (currently amended)   The method of claim 1, wherein at least some of the communications include at least one of text or ascii.

19. (currently amended)   The method of claim 2, wherein at least some of the communications include at least one of text or ascii.

20. (currently amended)   The method of claim 3, wherein at least some of the communications include at least one of text or ascii.

21. (currently amended)   The method of claim 4, wherein at least some of the communications include at least one of text or ascii.

22. (currently amended)   The method of claim 5, wherein at least some of the

4

communications include at least one of text or ascii.

23. (currently amended)   The method of claim 6, wherein at least some of the communications include at least one of text or ascii.

24. (currently amended)   The method of claim 7, wherein at least some of the communications include at least one of text or ascii.

25. (currently amended)   The method of claim 8, wherein at least some of the communications include at least one of text or ascii.

26. (currently amended)   The method of claim 9, wherein at least some of the communications include at least one of text or ascii.

27. (currently amended)   The method of claim 10, wherein at least some of the communications include at least one of text or ascii.

28. (currently amended)   The method of claim 11, wherein at least some of the communications include at least one of text or ascii.

29. (currently amended)   The method of claim 12, wherein at least some of the communications include at least one of text or ascii.

30. (currently amended)   The method of claim 13, wherein at least some of the communications include at least one of text or ascii.

31. (currently amended)   The method of claim 14, wherein at least some of the communications include at least one of text or ascii.

32. (currently amended)   The method of claim 15, wherein at least some of the communications include at least one of text or ascii.

33. (currently amended)   The method of claim 16, wherein at least some of the communications include at least one of text or ascii.

34. (currently amended)   The method of claim 17, wherein at least some of the communications include at least one of text or ascii.

35. (currently amended)   The method of claim 1, further including:

determining whether at least one of the first and the second user identities, individually, is censored from sending in the communications data representing at least one of a pointer, video, audio, graphic, or multimedia; and

sending the data that is not censored from sending.

36. (currently amended)   The method of claim 2, further including:

determining whether at least one of the first and the second user identities, individually, is censored from sending in the communications data representing at least one of a pointer, video, audio, graphic, or multimedia; and

sending the data that is not censored from sending.

37. (currently amended)   The method of claim 3, further including:

determining whether at least one of the first and the second user identities,

6

individually, is censored from sending in the communications data representing at least one of a

pointer, video, audio, graphic, or multimedia; and

sending the data that is not censored from sending.

38. (currently amended)   The method of claim 4, further including:

determining whether at least one of the first and the second user identities,

individually, is censored from sending in the communications data representing at least one of a

pointer, video, audio, graphic, or multimedia; and

sending the data that is not censored from sending.

39. (currently amended)   The method of claim 5, further including:

determining whether at least one of the first and the second user identities,

individually, is censored from sending in the communications data representing at least one of a

pointer, video, audio, graphic, or multimedia; and

sending the data that is not censored from sending.

40. (currently amended)   The method of claim 6, further including:

determining whether at least one of the first and the second user identities, individually,

is censored from sending in the communications data representing at least one of a pointer,

video, audio, graphic, or multimedia; and

sending the data that is not censored from sending.

41. (currently amended)   The method of claim 7, further including:

determining whether at least one of the first and the second user identities,

individually, is censored from sending in the communications data representing at least one of a

pointer, video, audio, graphic, or multimedia; and

sending the data that is not censored from sending.

42. (currently amended)   The method of claim 8, further including:

determining whether at least one of the first and the second user identities,

individually, is censored from sending in the communications data representing at least one of a

pointer, video, audio, graphic, or multimedia; and

sending the data that is not censored from sending.

43. (currently amended)   The method of claim 9, further including:

determining whether at least one of the first and the second user identities,

individually, is censored from sending in the communications data representing at least one of a

pointer, video, audio, graphic, or multimedia; and

sending the data that is not censored from sending.

44. (currently amended)   The method of claim 10, further including:

determining whether at least one of the first and the second user identities, individually,

is censored from sending in the communications data representing at least one of a pointer,

video, audio, graphic, or multimedia; and

sending the data that is not censored from sending.

45. (currently amended)   The method of claim 11, further including:

determining whether at least one of the first and the second user identities,

individually, is censored from sending in the communications data representing at least one of a

pointer, video, audio, graphic, or multimedia; and

sending the data that is not censored from sending.

46. (currently amended)   The method of claim 12, further including:

determining whether at least one of the first and the second user identities, individually, is censored from sending in the communications data representing at least one of a pointer, video, audio, graphic, or multimedia; and

sending the data that is not censored from sending.

47. (currently amended)   The method of claim 13, further including:

determining whether at least one of the first and the second user identities, individually, is censored from sending in the communications data representing at least one of a pointer, video, audio, graphic, or multimedia; and

sending the data that is not censored from sending.

48. (currently amended)   The method of claim 14, further including:

determining whether at least one of the first and the second user identities, individually, is censored from sending in the communications data representing at least one of a pointer, video, audio, graphic, or multimedia; and

sending the data that is not censored from sending.

49. (currently amended)   The method of claim 15, further including:

determining whether at least one of the first and the second user identities, individually, is censored from sending in the communications data representing at least one of a pointer, video, audio, graphic, or multimedia; and

sending the data that is not censored from sending.

50. (currently amended)   The method of claim 16, further including:

determining whether at least one of the first and the second user identities, individually,

is censored from sending in the communications data representing at least one of a pointer, video, audio, graphic, or multimedia; and

　　　　sending the data that is not censored from sending.

51. (currently amended)　　The method of claim 17, further including:

determining whether at least one of the first and the second user identities, individually, is censored from sending in the communications data representing at least one of a pointer, video, audio, graphic, or multimedia; and

　　　　sending the data that is not censored from sending.

52. (currently amended)　The method of claim 1, further including determining whether at least one of the communications are censored based on content.

53. (currently amended)　The method of claim 2, further including determining whether at least one of the communications is censored based on content.

54. (currently amended)　The method of claim 3, further including determining whether at least one of the communications is censored based on content.

55. (currently amended)　The method of claim 4, further including determining whether at least one of the communications is censored based on content.

56. (currently amended)　The method of claim 5, further including determining whether at least one of the communications is censored based on content.

57. (currently amended)　The method of claim 6, further including determining

whether at least one of the communications is censored based on content.

58. (currently amended)   The method of claim 7, further including determining whether at least one of the communications is censored based on content.

59. (currently amended)   The method of claim 8, further including determining whether at least one of the communications is censored based on content.

60. (currently amended)   The method of claim 9, further including determining whether at least one of the communications is censored based on content.

61. (currently amended)   The method of claim 10, further including determining whether at least one of the communications is censored based on content.

62. (currently amended)   The method of claim 11, further including determining whether at least one of the communications is censored based on content.

63. (currently amended)   The method of claim 12, further including determining whether at least one of the communications is censored based on content.

64. (currently amended)   The method of claim 13, further including determining whether at least one of the communications is censored based on content.

65. (currently amended)   The method of claim 14, further including determining whether at least one of the communications is censored based on content.

66. (currently amended)   The method of claim 15, further including determining whether at least one of the communications is censored based on content.

67. (currently amended)   The method of claim 16, further including determining whether at least one of the communications is censored based on content.

68. (currently amended)   The method of claim 17, further including determining whether at least one of the communications is censored based on content.

69. (currently amended)   The method of claim 52, further including determining a user age corresponding to each of the user identities.

70. (currently amended)   The method of claim 53, further including determining a user age corresponding to each of the user identities.

71. (currently amended)   The method of claim 54, further including determining a user age corresponding to each of the user identities.

72. (currently amended)   The method of claim 55, further including determining a user age corresponding to each of the user identities.

73. (currently amended)   The method of claim 56, further including determining a user age corresponding to each of the user identities.

74. (currently amended)   The method of claim 57, further including determining a user age corresponding to each of the user identities.

12

75. (currently amended)   The method of claim 58, further including determining a user age corresponding to each of the user identities.

76. (currently amended)   The method of claim 59, further including determining a user age corresponding to each of the user identities.

77. (currently amended)   The method of claim 60, further including determining a user age corresponding to each of the user identities.

78. (currently amended)   The method of claim 61, further including determining a user age corresponding to each of the user identities.

79. (currently amended)   The method of claim 62, further including determining a user age corresponding to each of the user identities.

80. (currently amended)   The method of claim 63, further including determining a user age corresponding to each of the user identities.

81. (currently amended)   The method of claim 64, further including determining a user age corresponding to each of the user identities.

82. (currently amended)   The method of claim 65, further including determining a user age corresponding to each of the user identities.

83. (currently amended)   The method of claim 66, further including determining a

user age corresponding to each of the user identities.

84. (currently amended)   The method of claim 67, further including determining a user age corresponding to each of the user identities.

85. (currently amended)   The method of claim 68, further including determining a user age corresponding to each of the user identities.

86. (currently amended)   The method of claim 1, wherein the determining whether the first of the user identities and the second of the user identities are able to form a group includes determining whether the first of the user identities is censored.

87. (currently amended)   The method of claim 2, wherein the determining whether the first of the user identities and the second of the user identities are able to form a group includes determining whether the first of the user identities is censored.

88. (currently amended)   The method of claim 3, wherein the determining whether the first of the user identities and the second of the user identities are able to form a group includes determining whether the first of the user identities is censored.

89. (currently amended)   The method of claim 4, wherein the determining whether the first of the user identities and the second of the user identities are able to form a group includes determining whether the first of the user identities is censored.

90. (currently amended)   The method of claim 5, wherein the determining whether the first of the user identities and the second of the user identities are able to form a

14

group includes determining whether the first of the user identities is censored.

91. (currently amended)   The method of claim 6, wherein the determining whether the first of the user identities and the second of the user identities are able to form a group includes determining whether the first of the user identities is censored.

92. (currently amended)   The method of claim 7, wherein the determining whether the first of the user identities and the second of the user identities are able to form a group includes determining whether the first of the user identities is censored.

93. (currently amended)   The method of claim 8, wherein the determining whether the first of the user identities and the second of the user identities are able to form a group includes determining whether the first of the user identities is censored.

94. (currently amended)   The method of claim 9, wherein the determining whether the first of the user identities and the second of the user identities are able to form a group includes determining whether the first of the user identities is censored.

95. (currently amended)   The method of claim 10, wherein the determining whether the first of the user identities and the second of the user identities are able to form a group includes determining whether the first of the user identities is censored.

96. (currently amended) The method of claim 11, wherein the determining whether the first of the user identities and the second of the user identities are able to form a group includes determining whether the first of the user identities is censored.

97. (currently amended)   The method of claim 12, wherein the determining whether the first of the user identities and the second of the user identities are able to form a group includes determining whether the first of the user identities is censored.

98. (currently amended)   The method of claim 13, wherein the determining whether the first of the user identities and the second of the user identities are able to form a group includes determining whether the first of the user identities is censored.

99. (currently amended)   The method of claim 14, wherein the determining whether the first of the user identities and the second of the user identities are able to form a group includes determining whether the first of the user identities is censored.

100. (currently amended) The method of claim 15, wherein the determining whether the first of the user identities and the second of the user identities are able to form a group includes determining whether the first of the user identities is censored.

101. (currently amended) The method of claim 16, wherein the determining whether the first of the user identities and the second of the user identities are able to form a group includes determining whether the first of the user identities is censored.

102. (currently amended) The method of claim 17, wherein the determining whether the first of the user identities and the second of the user identities are able to form a group includes determining whether the first of the user identities is censored.

103. (currently amended) The method of claim 1, further including determining a user age corresponding to each of the user identities.

16

104. (currently amended) The method of claim 2, further including determining a user age corresponding to each of the user identities.

105. (currently amended) The method of claim 3, further including determining a user age corresponding to each of the user identities.

106. (currently amended) The method of claim 4, further including determining a user age corresponding to each of the user identities.

107. (currently amended) The method of claim 5, further including determining a user age corresponding to each of the user identities.

108. (currently amended) The method of claim 6, further including determining a user age corresponding to each of the user identities.

109. (currently amended) The method of claim 7, further including determining a user age corresponding to each of the user identities.

110. (currently amended) The method of claim 8, further including determining a user age corresponding to each of the user identities.

111. (currently amended) The method of claim 9, further including determining a user age corresponding to each of the user identities.

112. (currently amended) The method of claim 10, further including determining a

user age corresponding to each of the user identities.

113. (currently amended) The method of claim 11, further including determining a user age corresponding to each of the user identities.

114. (currently amended) The method of claim 12, further including determining a user age corresponding to each of the user identities.

115. (currently amended) The method of claim 13, further including determining a user age corresponding to each of the user identities.

116. (currently amended) The method of claim 14, further including determining a user age corresponding to each of the user identities.

117. (currently amended) The method of claim 15, further including determining a user age corresponding to each of the user identities.

118. (currently amended) The method of claim 16, further including determining a user age corresponding to each of the user identities.

119. (currently amended) The method of claim 17, further including determining a user age corresponding to each of the user identities.

120. (currently amended) The method of claim 1, whereby the pointer produces a pointer-triggered message on demand.

121. (currently amended) The method of claim 2, whereby the pointer produces a pointer-triggered message on demand.

122. (currently amended) The method of claim 7, whereby the pointer produces a pointer-triggered message on demand.

123. (currently amended) The method of claim 8, whereby the pointer produces a pointer-triggered message on demand.

124. (currently amended) The method of claim 9, whereby the pointer produces a pointer-triggered message on demand.

125. (currently amended) The method of claim 13, whereby the pointer produces a pointer-triggered message on demand.

126. (currently amended) The method of claim 14, whereby the pointer produces a pointer-triggered message on demand.

127. (currently amended) The method of claim 15, whereby the pointer produces a pointer-triggered message on demand.

128. (currently amended)   The method of claim 17, whereby the pointer produces a pointer-triggered message on demand.

129. (currently amended)   The method of claim 18, whereby the pointer produces a pointer-triggered message on demand.

19

130. (currently amended)   The method of claim 19, whereby the pointer produces a pointer-triggered message on demand.

131. (currently amended)   The method of claim 24, whereby the pointer produces a pointer-triggered message on demand.

132. (currently amended)   The method of claim 25, whereby the pointer produces a pointer-triggered message on demand.

133. (currently amended)   The method of claim 26, whereby the pointer produces a pointer-triggered message on demand.

134. (currently amended)   The method of claim 30, whereby the pointer produces a pointer-triggered message on demand.

135. (currently amended)   The method of claim 31, whereby the pointer produces a pointer-triggered message on demand.

136. (currently amended)   The method of claim 32, whereby the pointer produces a pointer-triggered message on demand.

137. (currently amended)   The method of claim 34, whereby the pointer produces a pointer-triggered message on demand.

138. (currently amended)   The method of claim 35, whereby the pointer

produces a pointer-triggered message on demand.

139. (currently amended)   The method of claim 36, whereby the pointer produces a pointer-triggered message on demand.

140. (currently amended)   The method of claim 41, whereby the pointer produces a pointer-triggered message on demand.

141. (currently amended)   The method of claim 42, whereby the pointer produces a pointer-triggered message on demand.

142. (currently amended)   The method of claim 43, whereby the pointer produces a pointer-triggered message on demand.

143. (currently amended)   The method of claim 47, whereby the pointer produces a pointer-triggered message on demand.

144. (currently amended)   The method of claim 48, whereby the pointer produces a pointer-triggered message on demand.

145. (currently amended)   The method of claim 49, whereby the pointer produces a pointer-triggered message on demand.

146. (currently amended)   The method of claim 51, whereby the pointer produces a pointer-triggered message on demand.

21

147. (currently amended)   The method of claim 52, whereby the pointer produces a pointer-triggered message on demand.

148. (currently amended)   The method of claim 53, whereby the pointer produces a pointer-triggered message on demand.

149. (currently amended)   The method of claim 58, whereby the pointer produces a pointer-triggered message on demand.

150. (currently amended)   The method of claim 59, whereby the pointer produces a pointer-triggered message on demand.

151. (currently amended)   The method of claim 60, whereby the pointer produces a pointer-triggered message on demand.

152. (currently amended)   The method of claim 64, whereby the pointer produces a pointer-triggered message on demand.

153. (currently amended) The method of claim 65, whereby the pointer produces a pointer-triggered message on demand.

154. (currently amended) The method of claim 66, whereby the pointer produces a pointer-triggered message on demand.

155. (currently amended) The method of claim 68, whereby the pointer produces a pointer-triggered message on demand.

22

156. (currently amended) The method of claim 69, whereby the pointer produces a pointer-triggered message on demand.

157. (currently amended) The method of claim 70, whereby the pointer produces a pointer-triggered message on demand.

158. (currently amended) The method of claim 75, whereby the pointer produces a pointer-triggered message on demand.

159. (currently amended) The method of claim 76, whereby the pointer produces a pointer-triggered message on demand.

160. (currently amended) The method of claim 77, whereby the pointer produces a pointer-triggered message on demand.

161. (currently amended) The method of claim 81, whereby the pointer produces a pointer-triggered message on demand.

162. (currently amended) The method of claim 82, whereby the pointer produces a pointer-triggered message on demand.

163. (currently amended) The method of claim 83, whereby the pointer produces a pointer-triggered message on demand.

164. (currently amended) The method of claim 85, whereby the pointer

produces a pointer-triggered message on demand.

165. (currently amended) A method of operating a system to receive a communication via an Internet network, the method including:

connecting a plurality of computers to a computer system;

sending, from each of the plurality of computers, a respective login name and a password corresponding to a respective user identity;

communicating a message comprised of a pointer, from a first of the plurality of computers to the computer system;

communicating the message from the computer system to a second of the plurality of computers; and

receiving via the pointer a communication from the first of the plurality of computers at the second of the plurality of computers in real time and via the Internet network, the communication including data representing at least one of a video, graphic, sound, or multimedia.

166. (currently amended) The method of claim 86, whereby the pointer produces a pointer-triggered message on demand.

167. (currently amended)   The method of claim 87, whereby the pointer produces a pointer-triggered message on demand.

168. (currently amended)   The method of claim 92, whereby the pointer produces a pointer-triggered message on demand.

169. (currently amended)   The method of claim 93, whereby the pointer

produces a pointer-triggered message on demand.

170. (currently amended) A method of communicating via an Internet network, the method including:

connecting a plurality of computers to a computer system;

sending, from each of the plurality of computers, a respective login name and password corresponding to a respective user identity;

determining whether a first of the user identities and a second of the user identities are able to form a group for sending and for receiving communications in real time;

determining whether at least one of the first user identity and the second user identity, individually, is censored from sending in the communications data representing a pointer, video, audio, graphic, or multimedia; and

if the first and the second user identities are able to form the group, then forming the group, sending the communications that are not censored based on the individual user identity, and receiving the communications, wherein the receiving is in real time and via the Internet network.

171. (currently amended) The method of claim 94, whereby the pointer produces a pointer-triggered message on demand.

172. (currently amended) The method of claim 98, whereby the pointer produces a pointer-triggered message on demand.

173. (currently amended) The method of claim 99, whereby the pointer produces a pointer-triggered message on demand.

174. (currently amended) The method of claim 100, whereby the pointer produces a pointer-triggered message on demand.

175. (currently amended) The method of claim 102, whereby the pointer produces a pointer-triggered message on demand.

176. (currently amended) The method of claim 103, whereby the pointer produces a pointer-triggered message on demand.

177. (currently amended) The method of claim 104, whereby the pointer produces a pointer-triggered message on demand.

178. (currently amended) The method of claim 109, whereby the pointer produces a pointer-triggered message on demand.

179. (currently amended) The method of claim 110, whereby the pointer produces a pointer-triggered message on demand.

180. (currently amended) The method of claim 111, whereby the pointer produces a pointer-triggered message on demand.

181. (currently amended) The method of claim 115, whereby the pointer produces a pointer-triggered message on demand.

182. (currently amended)   The method of claim 116, whereby the pointer produces a pointer-triggered message on demand.

26

183. (currently amended) The method of claim 117, whereby the pointer produces a pointer-triggered message on demand.

184.   (currently amended) The method of claim 119, whereby the pointer produces a pointer-triggered message on demand.

185.   (currently amended) The method of claim 1, wherein receiving the communications includes causing presentation of some of the communications by one of the plurality of computers in the group.

186.   (currently amended) The method of claim 1, further including, when the data is censored, not receiving the communications that are censored based on the individual user identity, and not presenting the data that is censored to the corresponding output device.

187.   (currently amended) The method of claim 1, wherein the computer system is comprised of an Internet service provider computer system.

188. (currently amended)   The method of claim 1, further including:

storing, for the first user identity, an authorization associated with presentation of graphical multimedia data; and

based on the authorization, presenting the graphical multimedia data at the output device corresponding to the second user identity.

189. (currently amended)   The method of claim 1, further including:

providing the first user identity with access to a member-associated image

27

corresponding to the second user identity.

190. (currently amended)   The method of claim 1, further including:

determining whether the first user identity is censored from access to a member-associated image corresponding to the second user identity;

if the first user identity is censored, not allowing access to the member-associated image; and

if the first user identity is not censored, allowing access to the member-associated image.

191. (currently amended)   The method of claim 170, wherein the data represents a pointer.

192. (currently amended)   The method of claim 170, wherein the data represents a video.

193. (currently amended)   The method of claim 170, wherein the data represents audio.

194. (currently amended)   The method of claim 170, wherein the data represents a graphic.

195. (currently amended)   The method of claim 170, wherein the data represents multimedia.

196. (currently amended)   The method of claim 170, wherein the data

28

represents a pointer and a video.

197. (currently amended)   The method of claim 170, wherein the data represents the pointer and audio.

198. (currently amended)   The method of claim 170, wherein the data represents a pointer and a graphic.

199. (currently amended)   The method of claim 170, wherein the data represents a video and audio.

200. (currently amended)   The method of claim 170, wherein the data represents a video and a graphic.

201. (currently amended)   The method of claim 170, wherein the data represents audio and a graphic.

202. (currently amended)   The method of claim 170, wherein the data represents a pointer and a video and audio.

203. (currently amended)   The method of claim 170, wherein the data represents a pointer and a video and a graphic.

204. (currently amended)   The method of claim 170, wherein the data represents a pointer and audio and a graphic.

205. (currently amended)   The method of claim 170, wherein the data represents a video and audio and a graphic.

206. (currently amended)   The method of claim 170, wherein the data represents a pointer and a video and audio and a graphic.

207. (currently amended)   The method of claim 170, wherein at least some of the communications include at least one of text or ascii.

208. (currently amended)   The method of claim 191, wherein at least some of the communications include at least one of text or ascii.

209. (currently amended)   The method of claim 192, wherein at least some of the communications include at least one of text or ascii.

210. (currently amended)   The method of claim 193, wherein at least some of the communications include at least one of text or ascii.

211. (currently amended)   The method of claim 194, wherein at least some of the communications include at least one of text or ascii.

212. (currently amended)   The method of claim 195, wherein at least some of the communications include at least one of text or ascii.

213. (currently amended)   The method of claim 196, wherein at least some of the communications include at least one of text or ascii.

30

214. (currently amended)   The method of claim 197, wherein at least some of the communications include at least one of text or ascii.

215. (currently amended)   The method of claim 198, wherein at least some of the communications include at least one of text or ascii.

216. (currently amended)   The method of claim 199, wherein at least some of the communications include at least one of text or ascii.

217. (currently amended)   The method of claim 200, wherein at least some of the communications include at least one of text or ascii.

218. (currently amended)   The method of claim 201, wherein at least some of the communications include at least one of text or ascii.

219. (currently amended)   The method of claim 202, wherein at least some of the communications include at least one of text or ascii.

220. (currently amended)   The method of claim 203, wherein at least some of the communications include at least one of text or ascii.

221. (currently amended)   The method of claim 204, wherein at least some of the communications include at least one of text or ascii.

222. (currently amended)   The method of claim 205, wherein at least some of

31

the communications include at least one of text or ascii.

223. (currently amended)   The method of claim 206, wherein at least some of the communications include at least one of text or ascii.

224. (currently amended)   The method of claim 170, further including determining whether at least one of the communications is censored based on content.

225. (currently amended)   The method of claim 191, further including determining whether at least one of the communications is censored based on content.

226. (currently amended)   The method of claim 192, further including determining whether at least one of the communications is censored based on content.

227. (currently amended)   The method of claim 193, further including determining whether at least one of the communications is censored based on content.

228. (currently amended)   The method of claim 194, further including determining whether at least one of the communications is censored based on content.

229. (currently amended)   The method of claim 195, further including determining whether at least one of the communications is censored based on content.

230. (currently amended)   The method of claim 196, further including determining whether at least one of the communications is censored based on content.

231. (currently amended)   The method of claim 197, further including determining whether at least one of the communications is censored based on content.

232. (currently amended)   The method of claim 198, further including determining whether at least one of the communications is censored based on content.

233. (currently amended)   The method of claim 199, further including determining whether at least one of the communications is censored based on content.

234. (currently amended)   The method of claim 200, further including determining whether at least one of the communications is censored based on content.

235. (currently amended)   The method of claim 201, further including determining whether at least one of the communications is censored based on content.

236. (currently amended)   The method of claim 202, further including determining whether at least one of the communications is censored based on content.

237. (currently amended)   The method of claim 203, further including determining whether at least one of the communications is censored based on content.

238. (currently amended)   The method of claim 204, further including determining whether at least one of the communications is censored based on content.

239. (currently amended)   The method of claim 205, further including determining whether at least one of the communications is censored based on content.

240. (currently amended)   The method of claim 206, further including determining whether at least one of the communications is censored based on content.

241. (currently amended)   The method of claim 170, wherein the determining whether the first user identity and the second user identity are able to form a group includes determining whether the first of the user identities is censored.

242. (currently amended)   The method of claim 191, wherein the determining whether the first user identity and the second user identity are able to form a group includes determining whether the first of the user identities is censored.

243. (currently amended)   The method of claim 192, wherein the determining whether the first user identity and the second user identity are able to form a group includes determining whether the first of the user identities is censored.

244. (currently amended)   The method of claim 193, wherein the determining whether the first user identity and the second user identity are able to form a group includes determining whether the first of the user identities is censored.

245. (currently amended)   The method of claim 194, wherein the determining whether the first user identity and the second user identity are able to form a group includes determining whether the first of the user identities is censored.

246. (currently amended)   The method of claim 195, wherein the determining whether the first user identity and the second user identity are able to form a group includes

determining whether the first of the user identities is censored.

247. (currently amended)   The method of claim 196, wherein the determining whether the first user identity and the second user identity are able to form a group includes determining whether the first of the user identities is censored.

248.   (currently amended)   The method of claim 197, wherein the determining whether the first user identity and the second user identity are able to form a group includes determining whether the first of the user identities is censored.

249.   (currently amended)   The method of claim 198, wherein the determining whether the first user identity and the second user identity are able to form a group includes determining whether the first of the user identities is censored.

250.   (currently amended)   The method of claim 199, wherein the determining whether the first user identity and the second user identity are able to form a group includes determining whether the first of the user identities is censored.

251. (currently amended)   The method of claim 200, wherein the determining whether the first user identity and the second user identity are able to form a group includes determining whether the first of the user identities is censored.

252. (currently amended)   The method of claim 201, wherein the determining whether the first user identity and the second user identity are able to form a group includes determining whether the first of the user identities is censored.

35

253. (currently amended)   The method of claim 202, wherein the determining whether the first user identity and the second user identity are able to form a group includes determining whether the first of the user identities is censored.

254. (currently amended)   The method of claim 203, wherein the determining whether the first user identity and the second user identity are able to form a group includes determining whether the first of the user identities is censored.

255. (currently amended)   The method of claim 204, wherein the determining whether the first user identity and the second user identity are able to form a group includes determining whether the first of the user identities is censored.

256. (currently amended)   The method of claim 205, wherein the determining whether the first user identity and the second user identity are able to form a group includes determining whether the first of the user identities is censored.

257. (currently amended)   The method of claim 206, wherein the determining whether the first user identity and the second user identity are able to form a group includes determining whether the first of the user identities is censored.

258. (currently amended)   The method of claim 170, further including determining a user age corresponding to each of the user identities.

259. (currently amended)   The method of claim 191, further including determining a user age corresponding to each of the user identities.

260. (currently amended)   The method of claim 192, further including determining a user age corresponding to each of the user identities.

261. (currently amended)   The method of claim 193, further including determining a user age corresponding to each of the user identities.

262. (currently amended)   The method of claim 194, further including determining a user age corresponding to each of the user identities.

263. (currently amended)   The method of claim 195, further including determining a user age corresponding to each of the user identities.

264. (currently amended)   The method of claim 196, further including determining a user age corresponding to each of the user identities.

265. (currently amended)   The method of claim 197, further including determining a user age corresponding to each of the user identities.

266. (currently amended)   The method of claim 198, further including determining a user age corresponding to each of the user identities.

267. (currently amended)   The method of claim 199, further including determining a user age corresponding to each of the user identities.

268. (currently amended)   The method of claim 200, further including determining a user age corresponding to each of the user identities.

269. (currently amended)   The method of claim 201, further including determining a user age corresponding to each of the user identities.

270. (currently amended)   The method of claim 202, further including determining a user age corresponding to each of the user identities.

271. (currently amended)   The method of claim 203, further including determining a user age corresponding to each of the user identities.

272. (currently amended)   The method of claim 204, further including determining a user age corresponding to each of the user identities.

273. (currently amended)   The method of claim 205, further including determining a user age corresponding to each of the user identities.

274. (currently amended)   The method of claim 206, further including determining a user age corresponding to each of the user identities.

275. (currently amended)   The method of claim 170, wherein at least one of the communications includes data representing a human communication of sound.

276. (currently amended)   The method of claim 191, wherein at least one of the communications includes data representing a human communication of sound.

277. (currently amended)   The method of claim 192, wherein at least one of

38

the communications includes data representing a human communication of sound.

278. (currently amended)   The method of claim 193, wherein at least one of the communications includes data representing a human communication of sound.

279. (currently amended)   The method of claim 194, wherein at least one of the communications includes data representing a human communication of sound.

280. (currently amended)   The method of claim 195, wherein at least one of the communications includes data representing a human communication of sound.

281. (currently amended)   The method of claim 196, wherein at least one of the communications includes data representing a human communication of sound.

282. (currently amended)   The method of claim 197, wherein at least one of the communications includes data representing a human communication of sound.

283. (currently amended)   The method of claim 198, wherein at least one of the communications includes data representing a human communication of sound.

284. (currently amended)   The method of claim 199, wherein at least one of the communications includes data representing a human communication of sound.

285. (currently amended)   The method of claim 200, wherein at least one of the communications includes data representing a human communication of sound.

286. (currently amended)   The method of claim 201, wherein at least one of the communications includes data representing a human communication of sound.

287. (currently amended)   The method of claim 202, wherein at least one of the communications includes data representing a human communication of sound.

288. (currently amended)   The method of claim 203, wherein at least one of the communications includes data representing a human communication of sound.

289. (currently amended)   The method of claim 204, wherein at least one of the communications includes data representing a human communication of sound.

290. (currently amended)   The method of claim 205, wherein at least one of the communications includes data representing a human communication of sound.

291. (currently amended)   The method of claim 206, wherein at least one of the communications includes data representing a human communication of sound.

292. (currently amended)   The method of claim 170, wherein at least one of the communications includes data representing a human communication of sound.

293. (currently amended)   The method of claim 191, wherein at least one of the communications includes at least one of text or ascii.

294. (currently amended)   The method of claim 192, wherein at least one of the communications includes at least one of text or ascii.

40

295. (currently amended)   The method of claim 193, wherein at least one of the communications includes at least one of text or ascii.

296. (currently amended)   The method of claim 194, wherein at least one of the communications includes at least one of text or ascii.

297. (currently amended)   The method of claim 195, wherein at least one of the communications includes at least one of text or ascii.

298. (currently amended)   The method of claim 196, wherein at least one of the communications includes at least one of text or ascii.

299. (currently amended)   The method of claim 197, wherein at least one of the communications includes at least one of text or ascii.

300. (currently amended)   The method of claim 198, wherein at least one of the communications includes at least one of text or ascii.

301. (currently amended)   The method of claim 199, wherein at least one of the communications includes at least one of text or ascii.

302. (currently amended)   The method of claim 200, wherein at least one of the communications includes at least one of text or ascii.

303. (currently amended)   The method of claim 201, wherein at least one of

41

the communications includes at least one of text or ascii.

304. (currently amended)   The method of claim 202, wherein at least one of the communications includes at least one of text or ascii.

305. (currently amended)   The method of claim 203, wherein at least one of the communications includes at least one of text or ascii.

306. (currently amended)   The method of claim 204, wherein at least one of the communications includes at least one of text or ascii.

307. (currently amended)   The method of claim 205, wherein at least one of the communications includes at least one of text or ascii.

308. (currently amended)   The method of claim 206, wherein at least one of the communications includes at least one of text or ascii.

309. (currently amended)   The method of claim 170, wherein the computer system is comprised of an Internet service provider computer system.

310. (currently amended)   The method of claim 170, further including:

storing, for the first user identity, an authorization associated with presentation of graphical multimedia data; and

based on the authorization, presenting the graphical multimedia data at the output device corresponding to the second user identity.

42

311. (currently amended)   The method of claim 170, further including:

providing the first user identity with access to a member-associated image corresponding to the second user identity.

312. (currently amended)   The method of claim 170, further including:

determining whether the first user identity is censored from access to a member-associated image corresponding to the second user identity;

if the first user identity is censored, not allowing access to the member-associated image; and

if the first user identity is not censored, allowing access to the member-associated image.

313. (currently amended)   The method of claim 170, whereby the pointer produces a pointer-triggered message on demand.

314. (currently amended)   The method of claim 191, whereby the pointer produces a pointer-triggered message on demand.

315. (currently amended)   The method of claim 196, whereby the pointer produces a pointer-triggered message on demand.

316. (currently amended)   The method of claim 197, whereby the pointer produces a pointer-triggered message on demand.

317. (currently amended)   The method of claim 198, whereby the pointer produces a pointer-triggered message on demand.

318. (currently amended)   The method of claim 202, whereby the pointer produces a pointer-triggered message on demand.

319. (currently amended)   The method of claim 203, whereby the pointer produces a pointer-triggered message on demand.

320. (currently amended)   The method of claim 204, whereby the pointer produces a pointer-triggered message on demand.

321. (currently amended)   The method of claim 206, whereby the pointer produces a pointer-triggered message on demand.

322. (currently amended)   The method of claim 207, whereby the pointer produces a pointer-triggered message on demand.

323. (currently amended)   The method of claim 208, whereby the pointer produces a pointer-triggered message on demand.

324. (currently amended)   The method of claim 213, whereby the pointer produces a pointer-triggered message on demand.

325. (currently amended)   The method of claim 214, whereby the pointer produces a pointer-triggered message on demand.

326. (currently amended)   The method of claim 215, whereby the pointer

44

produces a pointer-triggered message on demand.

327. (currently amended)   The method of claim 219, whereby the pointer produces a pointer-triggered message on demand.

328. (currently amended)   The method of claim 220, whereby the pointer produces a pointer-triggered message on demand.

329. (currently amended)   The method of claim 221, whereby the pointer produces a pointer-triggered message on demand.

330. (currently amended)   The method of claim 223, whereby the pointer produces a pointer-triggered message on demand.

331. (currently amended)   The method of claim 224, whereby the pointer produces a pointer-triggered message on demand.

332. (currently amended)   The method of claim 225, whereby the pointer produces a pointer-triggered message on demand.

333. (currently amended)   The method of claim 230, whereby the pointer produces a pointer-triggered message on demand.

334. (currently amended)   The method of claim 231, whereby the pointer produces a pointer-triggered message on demand.

335. (currently amended) The method of claim 232, whereby the pointer produces a pointer-triggered message on demand.

336. (currently amended) The method of claim 236, whereby the pointer produces a pointer-triggered message on demand.

337. (currently amended) The method of claim 237, whereby the pointer produces a pointer-triggered message on demand.

338. (currently amended) The method of claim 238, whereby the pointer produces a pointer-triggered message on demand.

339. (currently amended) The method of claim 240, whereby the pointer produces a pointer-triggered message on demand.

340. (currently amended) The method of claim 241, whereby the pointer produces a pointer-triggered message on demand.

341. (currently amended) The method of claim 242, whereby the pointer produces a pointer-triggered message on demand.

342. (currently amended) The method of claim 247, whereby the pointer produces a pointer-triggered message on demand.

343. (currently amended) The method of claim 248, whereby the pointer produces a pointer-triggered message on demand.

344. (currently amended) The method of claim 249, whereby the pointer produces a pointer-triggered message on demand.

345. (currently amended) The method of claim 253, whereby the pointer produces a pointer-triggered message on demand.

346. (currently amended) The method of claim 254, whereby the pointer produces a pointer-triggered message on demand.

347. (currently amended) The method of claim 255, whereby the pointer produces a pointer-triggered message on demand.

348. (currently amended) The method of claim 257, whereby the pointer produces a pointer-triggered message on demand.

349. (currently amended) The method of claim 258, whereby the pointer produces a pointer-triggered message on demand.

350. (currently amended) The method of claim 259, whereby the pointer produces a pointer-triggered message on demand.

351. (currently amended) The method of claim 264, whereby the pointer produces a pointer-triggered message on demand.

352. (currently amended) The method of claim 265, whereby the pointer

47

produces a pointer-triggered message on demand.

353. (currently amended)   The method of claim 266, whereby the pointer produces a pointer-triggered message on demand.

354. (currently amended)   The method of claim 270, whereby the pointer produces a pointer-triggered message on demand.

355. (currently amended)   The method of claim 271, whereby the pointer produces a pointer-triggered message on demand.

356. (currently amended)   The method of claim 272, whereby the pointer produces a pointer-triggered message on demand.

357. (currently amended)   The method of claim 274, whereby the pointer produces a pointer-triggered message on demand.

358. (currently amended)   The method of claim 275, whereby the pointer produces a pointer-triggered message on demand.

359. (currently amended)   The method of claim 276, whereby the pointer produces a pointer-triggered message on demand.

360. (currently amended)   The method of claim 281, whereby the pointer produces a pointer-triggered message on demand.

361. (currently amended)   The method of claim 282, whereby the pointer produces a pointer-triggered message on demand.

362. (currently amended)   The method of claim 283, whereby the pointer produces a pointer-triggered message on demand.

363. (currently amended)   The method of claim 287, whereby the pointer produces a pointer-triggered message on demand.

364. (currently amended)   The method of claim 288, whereby the pointer produces a pointer-triggered message on demand.

365. (currently amended)   The method of claim 289, whereby the pointer produces a pointer-triggered message on demand.

366. (currently amended)   The method of claim 291, whereby the pointer produces a pointer-triggered message on demand.

367. (currently amended)   The method of claim 292, whereby the pointer produces a pointer-triggered message on demand.

368. (currently amended)   The method of claim 293, whereby the pointer produces a pointer-triggered message on demand.

369. (currently amended)   The method of claim 298, whereby the pointer produces a pointer-triggered message on demand.

49

370. (currently amended)   The method of claim 299, whereby the pointer produces a pointer-triggered message on demand.

371. (currently amended)   The method of claim 300, whereby the pointer produces a pointer-triggered message on demand.

372. (currently amended)   The method of claim 304, whereby the pointer produces a pointer-triggered message on demand.

373. (currently amended)   The method of claim 305, whereby the pointer produces a pointer-triggered message on demand.

374. (currently amended)   The method of claim 306, whereby the pointer produces a pointer-triggered message on demand.

375. (currently amended)   The method of claim 308, whereby the pointer produces a pointer-triggered message on demand.

376. (currently amended)   The method of claim 309, whereby the pointer produces a pointer-triggered message on demand.

377. (currently amended)   The method of claim 310, whereby the pointer produces a pointer-triggered message on demand.

378. (currently amended)The method of claim 311, whereby the pointer produces

50

a pointer-triggered message on demand.

379. (currently amended)The method of claim 312, whereby the pointer produces a pointer-triggered message on demand.

380. (currently amended)The system of claim 435, wherein the data represents a pointer.

381. (currently amended) The system of claim 435, wherein the data represents a video.

382. (currently amended) The system of claim 435, wherein the data represents audio.

383. (currently amended) The system of claim 435, wherein the data represents a graphic.

384. (currently amended) The system of claim 435, wherein the data represents multimedia.

385. (currently amended) The system of claim 435, wherein the data represents a pointer and a video.

386. (currently amended) The system of claim 435, wherein the data represents a pointer and audio.

51

387. (currently amended) The system of claim 435, wherein the data represents a pointer and a graphic.

388. (currently amended) The system of claim 435, wherein the data represents a video and audio.

389. (currently amended) The system of claim 435, wherein the data represents a video and a graphic.

390. (currently amended) The system of claim 435, wherein the data represents audio and a graphic.

391. (currently amended) The system of claim 435, wherein the data represents a pointer and a video and audio.

392. (currently amended) The system of claim 435, wherein the data represents a pointer and a video and a graphic.

393. (currently amended) The system of claim 435, wherein the data represents a pointer and audio and a graphic.

394. (currently amended) The system of claim 435, wherein the data represents a video and audio and a graphic.

395. (currently amended) The system of claim 435, wherein the data represents a pointer and a video and audio and a graphic.

396. (currently amended) The system of claim 435, wherein the computer system is further programmed to determine whether at least one of the communications is censored based on content.

397. (currently amended) The system of claim 380, wherein the computer system is further programmed to determine whether at least one of the communications is censored based on content.

398. (currently amended) The system of claim 381, wherein the computer system is further programmed to determine whether at least one of the communications is censored based on content.

399. (currently amended) The system of claim 382, wherein the computer system is further programmed to determine whether at least one of the communications is censored based on content.

400. (currently amended) The system of claim 383, wherein the computer system is further programmed to determine whether at least one of the communications is censored based on content.

401. (currently amended) The system of claim 384, wherein the computer system is further programmed to determine whether at least one of the communications is censored based on content.

402. (currently amended) The system of claim 385, wherein the computer system

is further programmed to determine whether at least one of the communications is censored based on content.

403. (currently amended) The system of claim 386, wherein the computer system is further programmed to determine whether at least one of the communications is censored based on content.

404. (currently amended) The system of claim 387, wherein the computer system is further programmed to determine whether at least one of the communications is censored based on content.

405. (currently amended) The system of claim 388, wherein the computer system is further programmed to determine whether at least one of the communications is censored based on content.

406. (currently amended) The system of claim 389, wherein the computer system is further programmed to determine whether at least one of the communications is censored based on content.

407. (currently amended) The system of claim 390, wherein the computer system is further programmed to determine whether at least one of the communications is censored based on content.

408. (currently amended) The system of claim 391, wherein the computer system is further programmed to determine whether at least one of the communications is censored based on content.

54

409. (currently amended) A method of communicating via an Internet network, the method including:

connecting a plurality of computers to a computer system via the Internet network;

sending, from each of said plurality of computers, a login name and a password corresponding to a respective user identity;

determining which of the plurality of computers can communicate communications with at least one other of the plurality of computers,

receiving at least some of the communications in real time via the Internet network; and

providing, to at least one of the plurality of computers under control of the computer system, a member-associated image and member personal information corresponding to one of the user identities.

410. (currently amended) The system of claim 392, wherein the computer system is further programmed to determine whether at least one of the communications is censored based on content.

411. (previously presented) The system of claim 393, wherein the computer system is further programmed to determine whether at least one of the communications is censored based on content.

412. (previously presented) The system of claim 394, wherein the computer system is further programmed to determine whether at least one of the communications is censored based on content.

413. (currently amended) The system of claim 395, wherein the computer system is further programmed to determine whether at least one of the communications is censored based on content.

414. (currently amended) The system of claim 435, wherein the computer system is further programmed to determine whether at least one of the first user identity and the second user identity, individually, is censored from sending in the communications data representing at least one of a pointer, video, audio, graphic, or multimedia, and

send the communications that are not censored from sending.

415. (currently amended) The system of claim 380, wherein the computer system is further programmed to determine whether at least one of the first user identity and the second user identity, individually, is censored from sending in the communications data representing at least one of a pointer, video, audio, graphic, or multimedia, and

send the communications that are not censored from sending.

416. (currently amended) The system of claim 381, wherein the computer system is further programmed to determine whether at least one of the first user identity and the second user identity, individually, is censored from sending in the communications data representing at least one of a pointer, video, audio, graphic, or multimedia, and

send the communications that are not censored from sending.

417. (currently amended) The system of claim 382, wherein the computer system is further programmed to determine whether at least one of the first user identity and the second user identity, individually, is censored from sending in the communications data

56

representing at least one of a pointer, video, audio, graphic, or multimedia, and

    send the communications that are not censored from sending.

418. (currently amended) The system of claim 383, wherein the computer system is further programmed to determine whether at least one of the first user identity and the second user identity, individually, is censored from sending in the communications data representing at least one of a pointer, video, audio, graphic, or multimedia, and

    send the communications that are not censored from sending.

419. (currently amended) The system of claim 384, wherein the computer system is further programmed to determine whether at least one of the first user identity and the second user identity, individually, is censored from sending in the communications data representing at least one of a pointer, video, audio, graphic, or multimedia, and

    send the communications that are not censored from sending.

420. (currently amended) The system of claim 385, wherein the computer system is further programmed to determine whether at least one of the first user identity and the second user identity, individually, is censored from sending in the communications data representing at least one of a pointer, video, audio, graphic, or multimedia, and

    send the communications that are not censored from sending.

421. (currently amended) The system of claim 386, wherein the computer system is further programmed to determine whether at least one of the first user identity and the second user identity, individually, is censored from sending in the communications data representing at least one of a pointer, video, audio, graphic, or multimedia, and

    send the communications that are not censored from sending.

422. (currently amended) The system of claim 387, wherein the computer system is further programmed to determine whether at least one of the first user identity and the second user identity, individually, is censored from sending in the communications data representing at least one of a pointer, video, audio, graphic, or multimedia, and

send the communications that are not censored from sending.

423. (currently amended) The system method of claim 388, wherein the computer system is further programmed to determine whether at least one of the first user identity and the second user identity, individually, is censored from sending in the communications data representing at least one of a pointer, video, audio, graphic, or multimedia, and

send the communications that are not censored from sending.

424. (currently amended) The system of claim 389, wherein the computer system is further programmed to determine whether at least one of the first user identity and the second user identity, individually, is censored from sending in the communications data representing at least one of a pointer, video, audio, graphic, or multimedia, and

send the communications that are not censored from sending.

425. (currently amended) The system of claim 390, wherein the computer system is further programmed to determine whether at least one of the first user identity and the second user identity, individually, is censored from sending in the communications data representing at least one of a pointer, video, audio, graphic, or multimedia, and

send the communications that are not censored from sending.

426. (currently amended) The system of claim 391, wherein the computer system is further programmed to determine whether at least one of the first user identity and the second user identity, individually, is censored from sending in the communications data representing at least one of a pointer, video, audio, graphic, or multimedia, and

send the communications that are not censored from sending.

427. (currently amended) The system of claim 392, wherein the computer system is further programmed to determine whether at least one of the first user identity and the second user identity, individually, is censored from sending in the communications data representing at least one of a pointer, video, audio, graphic, or multimedia, and

send the communications that are not censored from sending.

428. (currently amended) The system of claim 393, wherein the computer system is further programmed to determine whether at least one of the first user identity and the second user identity, individually, is censored from sending in the communications data representing at least one of a pointer, video, audio, graphic, or multimedia, and

send the communications that are not censored from sending.

429. (currently amended) The system of claim 394, wherein the computer system is further programmed to determine whether at least one of the first user identity and the second user identity, individually, is censored from sending in the communications data representing at least one of a pointer, video, audio, graphic, or multimedia, and

send the communications that are not censored from sending.

430. (currently amended) The system of claim 395, wherein the computer system is further programmed to determine whether at least one of the first user identity and the

second user identity, individually, is censored from sending in the communications data

representing at least one of a pointer, video, audio, graphic, or multimedia, and

send the communications that are not censored from sending.

431. (currently amended)   The system of claim 435, wherein at least one of

the communications includes at least one of text or ascii.

432. (currently amended)   The system of claim 380, wherein at least one of

the communications includes at least one of text or ascii.

433. (currently amended)   The system of claim 381, wherein at least one of

the communications includes at least one of text or ascii.

434. (currently amended)   The system of claim 382, wherein at least one of

the communications includes at least one of text or ascii.

435. (currently amended) A system to communicate via an Internet network, the

system including:

a plurality of computers connected to a computer system, each of the plurality of

computers being connected to a respective input device and a respective output device, the

computer system being programmed to:

responsive to each of the plurality of computers sending a respective login name

and a password corresponding to a respective user identity, form a group corresponding to a

first of the user identities and a second of the user identities, each member of the group being

capable of sending and receiving communications in real time,

determine whether at least one of the first user identity and the second user

60

identity, individually, is censored from data representing a pointer, video, audio, graphic, or multimedia,

cause the plurality of computers in the group to receive, in real time via the Internet network, the communications that are not censored based on the individual user identity, and

cause the plurality of computers in the group to not present the data that is censored based on the individual user identity to the corresponding output device.

436. (currently amended) The system of claim 383, wherein at least one of the communications includes at least one of text or ascii.

437. (currently amended) The system of claim 384, wherein at least one of the communications includes at least one of text or ascii.

438. (currently amended) The system of claim 385, wherein at least one of the communications includes at least one of text or ascii.

439. (currently amended) The system of claim 386, wherein at least one of the communications includes at least one of text or ascii.

440. (currently amended) The system of claim 387, wherein at least one of the communications includes at least one of text or ascii.

441. (currently amended) The system of claim 388, wherein at least one of the communications includes at least one of text or ascii.

61

442. (currently amended)   The system of claim 389, wherein at least one of the communications includes at least one of text or ascii.

443. (currently amended) The system of claim 390, wherein at least one of the communications includes at least one of text or ascii.

444. (currently amended) The system of claim 391, wherein at least one of the communications includes at least one of text or ascii.

445. (currently amended) The system of claim 392, wherein at least one of the communications includes at least one of text or ascii.

446. (currently amended)   The system of claim 393, wherein at least one of the communications includes at least one of text or ascii.

447. (currently amended) The system of claim 394, wherein at least one of the communications includes at least one of text or ascii.

448. (currently amended) The system of claim 395, wherein at least one of the communications includes at least one of text or ascii.

449. (currently amended)   The system of claim 435, wherein the computer system is comprised of an Internet service provider.

450. (currently amended) The system of claim 435, wherein the computer system is further programmed to:

62

store, for the first user identity, an authorization associated with presentation of graphical multimedia data, and

based on the authorization, allow the graphical multimedia data to be presented at the output device corresponding to the second user identity.

451. (currently amended) The system of claim 435, wherein the computer system is further programmed to:

provide the first user identity with access to a member-associated image corresponding to the second user identity.

452. (currently amended)   The system of claim 435, wherein the computer system is further programmed to:

determine whether the first user identity is censored from access to a member-associated image corresponding to the second user identity,

If the first user identity is censored, not allowing access to member-associated image, and

If the first user identity is not censored, allow access to the member-associated image.

453. (currently amended) The system of claim 435, whereby the pointer produces a pointer-triggered message on demand.

454. (currently amended)   The system of claim 380, whereby the pointer produces a pointer-triggered message on demand.

455. (currently amended)   The system of claim 385, whereby the pointer

63

produces a pointer-triggered message on demand.

456. (currently amended)   The system of claim 386, whereby the pointer produces a pointer-triggered message on demand.

457. (currently amended) The system of claim 387, whereby the pointer produces a pointer-triggered message on demand.

458. (currently amended) The system of claim 391, whereby the pointer produces a pointer-triggered message on demand.

459. (currently amended) The system of claim 392, whereby the pointer produces a pointer-triggered message on demand.

460. (currently amended)   The system of claim 393, whereby the pointer produces a pointer-triggered message on demand.

461. (currently amended) The system of claim 395, whereby the pointer produces a pointer-triggered message on demand.

462. (currently amended) The system of claim 396, whereby the pointer produces a pointer-triggered message on demand.

463. (currently amended) The system of claim 397, whereby the pointer produces a pointer-triggered message on demand.

464. (currently amended)   The system of claim 402, whereby the pointer produces a pointer-triggered message on demand.

465. (currently amended) The system of claim 403, whereby the pointer produces a pointer-triggered message on demand.

466. (currently amended) The system of claim 404, whereby the pointer produces a pointer-triggered message on demand.

467. (currently amended)   The system of claim 408, whereby the pointer produces a pointer-triggered message on demand.

468. (currently amended) The system of claim 410, whereby the pointer produces a pointer-triggered message on demand.

469. (currently amended) The system of claim 411, whereby the pointer produces a pointer-triggered message on demand.

470. (currently amended)   The system of claim 413, whereby the pointer produces a pointer-triggered message on demand.

471. (currently amended) The system of claim 414, whereby the pointer produces a pointer-triggered message on demand.

472. (currently amended)   The system of claim 415, whereby the pointer produces a pointer-triggered message on demand.

473. (currently amended)   The system of claim 420, whereby the pointer produces a pointer-triggered message on demand.

474. (currently amended)   The system of claim 421, whereby the pointer produces a pointer-triggered message on demand.

475. (currently amended) The system of claim 422, whereby the pointer produces a pointer-triggered message on demand.

476. (currently amended) The system of claim 426, whereby the pointer produces a pointer-triggered message on demand.

477. (currently amended) The system of claim 427, whereby the pointer produces a pointer-triggered message on demand.

478. (currently amended)   The system of claim 428, whereby the pointer produces a pointer-triggered message on demand.

479. (currently amended) The system of claim 430, whereby the pointer produces a pointer-triggered message on demand.

480. (currently amended) The system of claim 431, whereby the pointer produces a pointer-triggered message on demand.

481. (currently amended) The system of claim 432, whereby the pointer

produces a pointer-triggered message on demand.

482. (currently amended)   The system of claim 438, whereby the pointer produces a pointer-triggered message on demand.

483. (currently amended) The system of claim 439, whereby the pointer produces a pointer-triggered message on demand.

484. (currently amended) The system of claim 440, whereby the pointer produces a pointer-triggered message on demand.

485. (currently amended)   The system of claim 444, whereby the pointer produces a pointer-triggered message on demand.

486. (currently amended) The system of claim 445, whereby the pointer produces a pointer-triggered message on demand.

487. (currently amended) The system of claim 446, whereby the pointer produces a pointer-triggered message on demand.

488. (currently amended)   The system of claim 448, whereby the pointer produces a pointer-triggered message on demand.

489. (currently amended) The system of claim 449, whereby the pointer produces a pointer-triggered message on demand.

490. (currently amended)   The system of claim 450, whereby the pointer produces a pointer-triggered message on demand.

491. (currently amended)   The system of claim 451, whereby the pointer produces a pointer-triggered message on demand.

492. (currently amended)   The system of claim 452, whereby the pointer produces a pointer-triggered message on demand.

493. (currently amended) The system of claim 604, wherein the data represents a pointer.

494. (currently amended) The system of claim 604, wherein the data represents a video.

495. (currently amended) The system of claim 604, wherein the data represents audio.

496. (currently amended)   The system of claim 604, wherein the data represents a graphic.

497. (currently amended) The system of claim 604, wherein the data represents multimedia.

498. (currently amended) The system of claim 604, wherein the data represents a pointer and a video.

68

499. (currently amended) The system of claim 604, wherein the data represents a pointer and audio.

500. (currently amended)   The system of claim 604, wherein the data represents a pointer and a graphic.

501. (currently amended) The system of claim 604, wherein the data represents a video and audio.

502. (currently amended) The system of claim 604, wherein the data represents a video and a graphic.

503. (currently amended)   The system of claim 604, wherein the data represents audio and a graphic.

504. (currently amended) The system of claim 604, wherein the data represents a pointer and a video and a audio.

505. (currently amended) The system of claim 604, wherein the data represents a pointer and a video and a graphic.

506. (currently amended)   The system of claim 604, wherein the data represents a pointer and audio and a graphic.

507. (currently amended) The system of claim 604, wherein the data represents

69

a video and audio and a graphic.

508. (currently amended)   The system of claim 604, wherein the data represents a pointer and a video and audio and a graphic.

509. (currently amended) The system of claim 604, wherein at least some of the communications include at least one of text or ascii.

510. (currently amended) The system of claim 493, wherein at least some of the communications include at least one of text or ascii.

511. (currently amended)   The system of claim 494, wherein at least some of the communications include at least one of text or ascii.

512. (currently amended)   The system of claim 495, wherein at least some of the communications include at least one of text or ascii.

513. (currently amended)   The system of claim 496, wherein at least some of the communications include at least one of text or ascii.

514. (currently amended)   The system of claim 497, wherein at least some of the communications include at least one of text or ascii.

515. (currently amended)   The system of claim 498, wherein at least some of the communications include at least one of text or ascii.

516. (currently amended)   The system of claim 499, wherein at least some of the communications include at least one of text or ascii.

517. (currently amended)   The system of claim 500, wherein at least some of the communications include at least one of text or ascii.

518. (currently amended)   The system of claim 501, wherein at least some of the communications include at least one of text or ascii.

519. (currently amended)   The system of claim 502, wherein at least some of the communications include at least one of text or ascii.

520. (currently amended)   The system of claim 503, wherein at least some of the communications include at least one of text or ascii.

521. (currently amended)   The system of claim 504, wherein at least some of the communications include at least one of text or ascii.

522. (currently amended)   The system of claim 505, wherein at least some of the communications include at least one of text or ascii.

523. (currently amended)   The system of claim 506, wherein at least some of the communications include at least one of text or ascii.

524. (currently amended)   The system of claim 507, wherein at least some of the communications include at least one of text or ascii.

71

525. (currently amended)   The system of claim 508, wherein at least some of the communications include at least one of text or ascii.

526. (currently amended)   The system of claim 604, wherein the computer system is further programmed to determine whether at least one of the communications is censored based on content.

527. (currently amended)   The system of claim 493, wherein the computer system is further programmed to determine whether at least one of the communications is censored based on content.

528. (currently amended)   The system of claim 494, wherein the computer system is further programmed to determine whether at least one of the communications is censored based on content.

529. (currently amended)   The system of claim 495, wherein the computer system is further programmed to determine whether at least one of the communications is censored based on content.

530. (currently amended)   The system of claim 496, wherein the computer system is further programmed to determine whether at least one of the communications is censored based on content.

531. (currently amended)   The system of claim 497, wherein the computer system is further programmed to determine whether at least one of the communications is

72

censored based on content.

532. (currently amended)   The system of claim 498, wherein the computer system is further programmed to determine whether at least one of the communications is censored based on content.

533. (currently amended)   The system of claim 499, wherein the computer system is further programmed to determine whether at least one of the communications is censored based on content.

534. (currently amended)   The system of claim 500, wherein the computer system is further programmed to determine whether at least one of the communications is censored based on content.

535. (currently amended)   The system of claim 501, wherein the computer system is further programmed to determine whether at least one of the communications is censored based on content.

536. (currently amended)   The system of claim 502, wherein the computer system is further programmed to determine whether at least one of the communications is censored based on content.

537. (currently amended)   The system of claim 503, wherein the computer system is further programmed to determine whether at least one of the communications is censored based on content.

538. (currently amended) The system of claim 504, wherein the computer system is further programmed to determine whether at least one of the communications is censored based on content.

539. (currently amended) The system of claim 505, wherein the computer system is further programmed to determine whether at least one of the communications is censored based on content.

540. (currently amended) The system of claim 506, wherein the computer system is further programmed to determine whether at least one of the communications is censored based on content.

541. (currently amended) The system of claim 507, wherein the computer system is further programmed to determine whether at least one of the communications is censored based on content.

542. (currently amended) The system of claim 508, wherein the computer system is further programmed to determine whether at least one of the communications is censored based on content.

543. (currently amended) The system of claim 604, wherein at least one of the communications includes a human communication of sound.

544. (currently amended) The system of claim 493, wherein at least one of the communications includes a human communication of sound.

74

545. (currently amended)   The system of claim 494, wherein at least one of the communications includes a human communication of sound.

546. (currently amended)   The system of claim 495, wherein at least one of the communications includes a human communication of sound.

547. (currently amended)   The system of claim 496, wherein at least one of the communications includes a human communication of sound.

548. (currently amended)   The system of claim 497, wherein at least one of the communications includes a human communication of sound.

549. (currently amended)   The system of claim 498, wherein at least one of the communications includes a human communication of sound.

550. (currently amended)   The system of claim 499, wherein at least one of the communications includes a human communication of sound.

551. (currently amended)   The system of claim 500, wherein at least one of the communications includes a human communication of sound.

552. (currently amended)   The system of claim 501, wherein at least one of the communications includes a human communication of sound.

553. (currently amended)   The system of claim 502, wherein at least one of the communications includes a human communication of sound.

554. (currently amended) The system of claim 503, wherein at least one of the communications includes a human communication of sound.

555. (currently amended) The system of claim 504, wherein at least one of the communications includes a human communication of sound.

556. (currently amended) The system of claim 505, wherein at least one of the communications includes a human communication of sound.

557. (currently amended) The system of claim 506, wherein at least one of the communications includes a human communication of sound.

558. (currently amended) The system of claim 507, wherein at least one of the communications includes a human communication of sound.

559. (currently amended) The system of claim 508, wherein at least one of the communications includes a human communication of sound.

560. (currently amended) The system of claim 604, wherein the computer system is further programmed to determine whether neither of the first user identity and the second user identity is censored from the group.

561. (currently amended) The system of claim 493, wherein the computer system is further programmed to determine whether neither of the first user identity and the second user identity is censored from the group.

76

562. (currently amended)   The system of claim 494, wherein the computer system is further programmed to determine whether neither of the first user identity and the second user identity is censored from the group.

563. (currently amended)   The system of claim 495, wherein the computer system is further programmed to determine whether neither of the first user identity and the second user identity is censored from the group.

564. (currently amended)   The system of claim 496, wherein the computer system is further programmed to determine whether neither of the first user identity and the second user identity is censored from the group.

565. (currently amended)   The system of claim 497, wherein the computer system is further programmed to determine whether neither of the first user identity and the second user identity is censored from the group.

566. (currently amended)   The system of claim 498, wherein the computer system is further programmed to determine whether neither of the first user identity and the second user identity is censored from the group.

567. (currently amended)   The system of claim 499, wherein the computer system is further programmed to determine whether neither of the first user identity and the second user identity is censored from the group.

568. (currently amended)   The system of claim 500, wherein the computer

77

system is further programmed to determine whether neither of the first user identity and the second user identity is censored from the group.

569. (currently amended)   The system of claim 501, wherein the computer system is further programmed to determine whether neither of the first user identity and the second user identity is censored from the group.

570. (currently amended)   The system of claim 502, wherein the computer system is further programmed to determine whether neither of the first user identity and the second user identity is censored from the group.

571. (previously presented) The system of claim 503, wherein the computer system is further programmed to determine whether neither of the first user identity and the second user identity is censored from the group.

572. (currently amended)   The system of claim 504, wherein the computer system is further programmed to determine whether neither of the first user identity and the second user identity is censored from the group.

573. (currently amended)   The system of claim 505, wherein the computer system is further programmed to determine whether neither of the first user identity and the second user identity is censored from the group.

574. (currently amended)   The system of claim 506, wherein the computer system is further programmed to determine whether neither of the first user identity and the second user identity is censored from the group.

575. (currently amended)   The system of claim 507, wherein the computer system is further programmed to determine whether neither of the first user identity and the second user identity is censored from the group.

576. (currently amended)   The system of claim 508, wherein the computer system is further programmed to determine whether neither of the first user identity and the second user identity is censored from the group.

577. (currently amended)   The system of claim 604, wherein the computer system is further programmed to determine whether neither of the first user identity and the second user identity is censored from the group.

578. (currently amended)   The system of claim 604, wherein the computer system is further programmed to:

store, for the first user identity, an authorization associated with presentation of graphical multimedia data; and

based on the authorization, allow the graphical multimedia data to be presented at the output device corresponding to the second user identity.

579. (currently amended)   The system of claim 604, wherein the computer system is further programmed to:

provide the first user identity with access to a member-associated image corresponding to the second user identity.

580. (currently amended)   The system of claim 604, wherein the computer

system is further programmed to:

determine whether the first user identity is censored from access to a member-associated image corresponding to the second user identity,

if the first user identity is censored, not allow access to the member-associated image, and

if the first user identity is not censored, allow access to the member-associated image.

581. (currently amended)   The system of claim 604, whereby the pointer produces a pointer-triggered message on demand.

582. (currently amended)   The system of claim 493, whereby the pointer produces a pointer-triggered message on demand.

583. (currently amended)   The system of claim 498, whereby the pointer produces a pointer-triggered message on demand.

584. (currently amended)   The system of claim 499, whereby the pointer produces a pointer-triggered message on demand.

585. (currently amended)   The system of claim 500, whereby the pointer produces a pointer-triggered message on demand.

586. (currently amended)   The system of claim 504, whereby the pointer produces a pointer-triggered message on demand.

587. (currently amended) The system of claim 505, whereby the pointer produces a pointer-triggered message on demand.

588. (currently amended) The system of claim 506, whereby the pointer produces a pointer-triggered message on demand.

589. (currently amended) The system of claim 508, whereby the pointer produces a pointer-triggered message on demand.

590. (currently amended) The system of claim 509, whereby the pointer produces a pointer-triggered message on demand.

591. (currently amended) The system of claim 510, whereby the pointer produces a pointer-triggered message on demand.

591. (currently amended) The system of claim 515, whereby the pointer produces a pointer-triggered message on demand.

592. (currently amended) The system of claim 516, whereby the pointer produces a pointer-triggered message on demand.

593. (currently amended) The system of claim 517, whereby the pointer produces a pointer-triggered message on demand.

594. (currently amended) The system of claim 521, whereby the pointer produces a pointer-triggered message on demand.

595. (currently amended) The system of claim 522, whereby the pointer produces a pointer-triggered message on demand.

596. (currently amended) The system of claim 523, whereby the pointer produces a pointer-triggered message on demand.

597. (currently amended) The system of claim 525, whereby the pointer produces a pointer-triggered message on demand.

598. (currently amended) The system of claim 526, whereby the pointer produces a pointer-triggered message on demand.

599. (currently amended) A system to receive a communication via an Internet network, the system including:

a plurality of computers connected, responsive to each of the plurality of computers sending a respective login name and a password corresponding to a respective user identity, to a computer system;

a first of the plurality of computers being programmed to communicate to the computer system a message including a pointer pointing to a communication that includes data representing a video, graphic, sound, or multimedia;

the computer system being programmed to communicate the message to a second of the plurality of computers; and

the second computer being programmed to receive the communication from the first computer in real time and via the Internet network.

82

600. (currently amended) The system of claim 527, whereby the pointer produces a pointer-triggered message on demand.

601. (currently amended)   The system of claim 532, whereby the pointer produces a pointer-triggered message on demand.

602. (currently amended)   The system of claim 533, whereby the pointer produces a pointer-triggered message on demand.

603. (currently amended)   The system of claim 534, whereby the pointer produces a pointer-triggered message on demand.

604. (currently amended) An Internet network communications system, the system including:

a plurality of computers connected, responsive to each of the plurality of computers sending a respective login name and a password corresponding to a respective user identity, to a computer system programmed to:

form a group corresponding to a first of the user identities and a second of the user identities, each member of the group being capable of sending and receiving communications in real time, and

determine whether at least one of the first user identity and the second user identity, individually, is censored from sending data within the communications,

wherein the plurality of computers receive in real time and via the Internet network the communications that are not censored based on the individual user identity and do not send the data that is censored based on the individual user identity.

83

605. (currently amended) The system of claim 538, whereby the pointer produces a pointer-triggered message on demand.

606. (previously presented)   The system of claim 539, whereby the pointer produces a pointer-triggered message on demand.

607. (previously presented)   The system of claim 540, whereby the pointer produces a pointer-triggered message on demand.

608. (currently amended) The system of claim 542, whereby the pointer produces a pointer-triggered message on demand.

609. (previously presented)   The system of claim 543, whereby the pointer produces a pointer-triggered message on demand.

610. (currently amended) The system of claim 544, whereby the pointer produces a pointer-triggered message on demand.

611. (currently amended) The system of claim 549, whereby the pointer produces a pointer-triggered message on demand.

612. (currently amended) The system of claim 550, whereby the pointer produces a pointer-triggered message on demand.

613. (currently amended) The system of claim 551, whereby the pointer produces a pointer-triggered message on demand.

84

614. (currently amended) The system of claim 555, whereby the pointer produces a pointer-triggered message on demand.

615. (currently amended) The system of claim 556, whereby the pointer produces a pointer-triggered message on demand.

616. (currently amended)   The system of claim 557, whereby the pointer produces a pointer-triggered message on demand.

617. (currently amended) The system of claim 559, whereby the pointer produces a pointer-triggered message on demand.

618.   (currently amended) The system of claim 560, whereby the pointer produces a pointer-triggered message on demand.

619.   (currently amended) The system of claim 561, whereby the pointer produces a pointer-triggered message on demand.

620.   (currently amended) The system of claim 566, whereby the pointer produces a pointer-triggered message on demand.

621.   (currently amended) The system of claim 567, whereby the pointer produces a pointer-triggered message on demand.

622. (currently amended) The system of claim 568, whereby the pointer

produces a pointer-triggered message on demand.

623. (currently amended) The system of claim 572, whereby the pointer produces a pointer-triggered message on demand.

624. (currently amended) The system of claim 573, whereby the pointer produces a pointer-triggered message on demand.

625. (currently amended) The system of claim 574, whereby the pointer produces a pointer-triggered message on demand.

626. (currently amended) The system of claim 576, whereby the pointer produces a pointer-triggered message on demand.

627. (currently amended) The system of claim 577, whereby the pointer produces a pointer-triggered message on demand.

628. (currently amended) The system of claim 578, whereby the pointer produces a pointer-triggered message on demand.

629. (currently amended) The system of claim 579, whereby the pointer produces a pointer-triggered message on demand.

630. (currently amended) The system of claim 580, wherein whereby the pointer produces a pointer-triggered message on demand.

631. (currently amended)   The method of claim 165, further including:

determining whether the pointer is not censored.

632. (currently amended)   The method of claim 165, further including:

determining whether at least one of the communicating steps is not censored.

633. (currently amended)   The method of claim 165, wherein the pointer

causes the communication to be produced on demand.

634. (currently amended)   The method of claim 165, wherein the

communication includes data representing the video.

635. (currently amended)   The method of claim 165, wherein the

communication includes data representing the sound.

636. (currently amended)   The method of claim 165, wherein the

communication includes data representing the sound and the video.

637. (currently amended)   The method of claim 165, wherein the

communication includes data representing the sound, and the sound includes a human

communication sound.

638. (currently amended)   The method of claim 165, wherein the message

includes data representing at least one of text or ascii.

639. (currently amended)   The method of claim 165, wherein the

87

communication includes data representing a member-associated image.

640. (currently amended)   The method of claim 165, wherein further including forming a chat channel via the Internet network, between at least two of the plurality of computers.

641. (currently amended)   The method of claim 165, wherein communicating a message is an out-of-band communication message.

642. (currently amended)   The method of claim 165, further including:

determining a user age corresponding to each of the user identities.

643. (currently amended)   The method of claim 642, wherein the communication includes data representing the sound.

644. (currently amended)   The method of claim 642, wherein the communication includes data representing the video.

645. (currently amended)   The method of claim 642, wherein the communication includes data representing the sound and the video.

646. (currently amended)   The method system of claim 642, wherein the communication includes data representing the sound, and the sound includes a human communication sound.

647. (currently amended)   The method of claim 642, wherein the message

88

includes data representing at least one of text or ascii.

648. (currently amended)   The system of claim 599, wherein the computer system is further programmed to determine whether the pointer is not censored.

649. (currently amended)   The system of claim 599, wherein the computer system is further programmed to determine whether the communication is not censored.

650. (currently amended)   The system of claim 599, wherein the pointer produces the communication on demand.

651. (currently amended)   The system of claim 599, wherein the communication includes data representing the video.

652. (currently amended)   The system of claim 599, wherein the communication includes data representing the sound.

653. (currently amended)   The system of claim 599, wherein the communication includes data representing the sound and the video.

654. (currently amended)   The system of claim 599, wherein the communication includes data representing the sound, and the sound includes a human communication sound.

655. (currently amended)   The system of claim 599, wherein the message includes data representing at least one of text or ascii.

89

656. (currently amended)   The system of claim 599, wherein the communication includes data representing a member-associated image.

657. (currently amended)   The system of claim 599, wherein the computer system is further programmed to form a chat channel via the Internet network, between at least two of the plurality of computers.

658. (currently amended)   The system of claim 599, wherein the computer system is further programmed to communicate the message as an out-of-band communication message.

659. (currently amended)   The system of claim 599, wherein the computer system is further programmed to determine a user age corresponding to each of the user identities.

660. (currently amended)   The system of claim 659, wherein the communication includes data representing the sound t.

661. (currently amended)   The system of claim 659, wherein the communication includes data representing the video.

662. (currently amended)   The system of claim 659, wherein the communication includes data representing the sound and the video.

663. (currently amended)   The system of claim 659, wherein the

90

communication includes data representing the sound, and the sound includes a human communication sound.

664. (currently amended)   The system of claim 659, wherein the message includes data representing at least one of text or ascii.

665. (currently amended) The method of claim 917, further including:

determining whether the pointer is not censored.

666. (currently amended)   The method of claim 917, wherein the operations further include determining a user age corresponding to each of the user identities.

667. (currently amended) The method of claim 917, further including:

determining whether the data is not censored.

668. (currently amended)   The method of claim 917, wherein the pointer produces the communication on demand.

669. (currently amended)   The method of claim 917, wherein the communication includes data representing the video.

670. (currently amended)   The method of claim 917, wherein the communication includes data representing the sound.

671. (currently amended)   The method of claim 917, wherein the communication includes data representing the sound and the video.

91

672. (currently amended)   The method of claim 917, wherein the communication includes data representing the sound, and the sound includes a human communication sound.

673. (currently amended)   The method of claim 917, wherein the communication further includes data representing the member-associated image.

674. (currently amended)   The method of claim 917, further including allowing chat communication for sending and receiving user messages in real time via the Internet network.

675. (currently amended)   The method of claim 917, further including communicating an out-of-band communication from the computer system to at least one of the plurality of computers.

676. (currently amended)   The method of claim 917, further including communicating an asynchronous communication from the computer system to at least one of the plurality of computers.

677. (currently amended) The method of claim 917, further including:

determining a user age corresponding to each of the user identities.

678. (currently amended)   The method of claim 677, wherein the communication includes data representing the sound.

92

679. (currently amended)   The method of claim 677, wherein the communication includes data representing the video.

680. (currently amended)   The method of claim 677, wherein the communication includes data representing the sound and the video.

681. (currently amended)   The method of claim 677, wherein the communication includes data representing the sound, and the sound includes a human communication sound.

682.   (currently amended)   The method of claim 677, wherein the communication further includes data representing a member-associated image.

683.   (currently amended)   The method of claim 677, further including communicating an out-of-band communication from the computer system to at least one of the plurality of computers.

684.   (currently amended)   The method of claim 677, further including communicating an asynchronous communication from the computer system to at least one of the plurality of computers.

685. (currently amended)   The system of claim 918, wherein the computer system is further programmed to determine whether the pointer is not censored.

686. (currently amended)   The system of claim 918, wherein the computer system is further programmed to determine whether the data is not censored.

93

687. (currently amended)   The system of claim 918, wherein the pointer produces the communication on demand.

688. (currently amended)   The system of claim 918, wherein the communication includes data representing the video.

689. (currently amended)   The system of claim 918, wherein the communication includes data representing the sound.

690. (currently amended)   The system of claim 918, wherein the communication includes data representing the sound and the video.

691. (currently amended)   The system of claim 918, wherein the communication includes data representing the sound, and the sound includes a human communication sound.

692. (currently amended)   The system of claim 918, wherein the data includes data representing at least one of text or asci.

693. (currently amended)   The system of claim 918, wherein the data includes data representing a member-associated image.

694. (currently amended)   The system of claim 918, wherein the computer system is further programmed to allow chat communication for sending user messages, and receiving the user messages in real time via the Internet network.

94

695. (currently amended)   The system of claim 918, wherein the computer system is further programmed to communicate out-of-band communication.

696. (currently amended)   The system of claim 918, wherein the computer system is further programmed to determine a user age corresponding to each of the user identities

697. (currently amended)   The system of claim 696, wherein the communication includes data representing the sound.

698. (currently amended)   The system of claim 696, wherein the communication includes data representing the video.

699. (currently amended)   The system of claim 696, wherein the communication includes data representing the sound and the video.

700. (currently amended)   The system of claim 696, wherein the communication includes data representing the sound, and the sound includes a human communication sound.

701. (currently amended)   The system of claim 696, wherein the message includes data representing at least one of text or ascii.

702. (currently amended) The method of claim 409, further including determining a user's age corresponding to said user identity.

95

703. (currently amended)   The method of claim 702, further including censoring an unwanted communication from at least one of the user identities.

704. (currently amended) The method of claim 703, further including determining whether a first of the user identities is censored from access to the member-associated image corresponding to a second user identity,

if the first identity is censored, not allowing access to the member-associated, and

if the first user identity is not censored, allowing access to the member associated image.

705. (currently amended) The method of claim 702, further including:

communicating, under control of said computer system, an asynchronous message from one of the plurality of computers to another of the plurality of computers.

706. (currently amended)   The method of claim 702, wherein the receiving includes distributing chat communications to a chat group.

707. (currently amended)   The method of claim 702, further including providing a private communications channel to at least some of the plurality of computers.

708. (currently amended)   The method of claim 702, further including communicating data representing human communication sound to at least some of the plurality of computers.

96

709. (currently amended)   The method of claim 702, further including providing data representing a video to at least some of the plurality of computers.

710. (currently amended)   The method of claim 702, further including providing data representing a video to at least some of the plurality of computers.

711. (currently amended)   The method of claim 702, wherein at least some of the communications include data representing text or ascii.

712. (currently amended)   The method of claim 702, wherein at least some of the communications are communicated out-of-band.

713. (currently amended)   The method of claim 702, wherein at least some of the communications include data representing multimedia media messages.

714. (currently amended)   The system of claim 843, wherein the computer system is further programmed to determine a user age corresponding to the user identity.

715. (currently amended)   The system of claim 714, wherein the computer system is further programmed to censor an unwanted communication from a member.

716. (currently amended) The system of claim 714, wherein the computer system is further programmed to determine whether a first of the user identities is censored from access to a member-associated image corresponding to a second of the user identities,

if the first user identity is censored, not allowing access to the member-associated, and

97

if the first user identity is not censored, allowing access to the member associated image.

717. (currently amended)   The system of claim 714, wherein the computer system is further programmed to communicate an asynchronous message from one of the plurality of computers to another of the plurality of computers.

718. (currently amended)   The system of claim 714, wherein the computer system is further programmed to distribute the at least some of the communications among a chat group.

719. (currently amended)   The system of claim 714, wherein the computer system is further programmed to provide a private communication channel to at least some of the plurality of computers.

720. (currently amended)   The system of claim 714, wherein the computer system is further programmed to communicate data representing human communication of sound to at least some of the plurality of computers.

721. (currently amended)   The system of claim 714, wherein the computer system is further programmed to provide data representing a video to at least some of the plurality of computers.

722. (currently amended)   The system of claim 714, wherein the computer system is further programmed to provide data representing a video and sound to at least some of the plurality of computers.

98

723. (currently amended)   The system of claim 714, wherein at least some of the communications include data representing text or asci.

724. (currently amended)   The system of claim 714, wherein the computer system is further programmed to communicate out-of-band communication.

725. (currently amended)   The system of claim 714, wherein at least some of the communications include multimedia media messages.

726. (currently amended)   The method of claim 884, wherein at least one of the communications includes data representing a sound.

727. (currently amended)   The method of claim 884, wherein at least one of the communications includes data representing a video.

728. (currently amended)   The method of claim 884, wherein at least one of the communications includes data representing a sound and a video.

729. (currently amended)   The method of claim 884, further including:

storing, for the first user identity, an authorization associated with presentation of graphical multimedia data; and

based on the authorization, presenting the graphical multimedia data at the output device corresponding to the second user identity.

730. (currently amended)   The method of claim 726, further including:

99

storing, for the first user identity, an authorization associated with presentation of graphical multimedia data; and

based on the authorization, presenting the graphical multimedia data at the output device corresponding to the second user identity.

731. (currently amended)   The method of claim 727, further including:

storing, for the first user identity, an authorization associated with presentation of graphical multimedia data; and

based on the authorization, presenting the graphical multimedia data at the output device corresponding to the second user identity.

732. (currently amended)   The method of claim 728, further including:

storing, for the first user identity, an authorization associated with presentation of graphical multimedia data; and

based on the authorization, presenting the graphical multimedia data at the output device corresponding to the second user identity.

733. (currently amended)   The method of claim 729, further including:

storing, for the first user identity, an authorization associated with presentation of graphical multimedia data; and

based on the authorization, presenting the graphical multimedia data at the output device corresponding to the second user identity.

734. (currently amended)   The method of claim 885, wherein at least one of the communications includes data representing a sound.

100

735. (currently amended)   The method of claim 885, wherein at least one of the communications includes data representing a video.

736. (currently amended)   The method of claim 885, wherein at least one of the communications includes data representing a sound and a video.

737. (currently amended)   The method of claim 885, further including:

storing, for the first user identity, an authorization associated with presentation of graphical multimedia data; and

based on the authorization, presenting the graphical multimedia data at an output device corresponding to the second user identity.

738. (currently amended)   The method of claim 734, further including:

storing, for the first user identity, an authorization associated with presentation of graphical multimedia data; and

based on the authorization, presenting the graphical multimedia data at an output device corresponding to the second user identity.

739. (currently amended)   The method of claim 735, further including:

storing, for the first user identity, an authorization associated with presentation of graphical multimedia data; and

based on the authorization, presenting the graphical multimedia data at an output device corresponding to the second user identity.

740. (currently amended)   The method of claim 736, further including:

storing, for the first user identity, an authorization associated with presentation of

101

graphical multimedia data; and

based on the authorization, presenting the graphical multimedia data at an output device corresponding to the second user identity.

741. (currently amended)   The system of claim 891, wherein at least one of the communications includes data representing a sound.

742. (currently amended)   The system of claim 891, wherein at least one of the communications includes data representing a video.

743. (currently amended)   The system of claim 891, wherein at least one of the communications includes data representing a sound and a video.

744. (currently amended)   The system of claim 891, wherein the computer system is further programmed to provide the computer corresponding to the first user identity with access to a member-associated image corresponding to the second user identity.

745. (currently amended)   The system of claim 741, wherein the computer system is further programmed to provide the computer corresponding to the first user identity with access to a member-associated image corresponding to the second user identity.

746. (currently amended)   The system of claim 742, wherein the computer system is further programmed to provide the computer corresponding to the first user identity with access to a member-associated image corresponding to the second user identity.

747. (currently amended)   The system of claim 743, wherein the computer

102

system is further programmed to provide the computer corresponding to the first user identity with access to a member-associated image corresponding to the second user identity.

748. (currently amended)   The system of claim 892, wherein at least one of the communications includes data representing a sound.

749. (currently amended)   The system of claim 892, wherein at least one of the communications includes data representing a video.

750. (currently amended)   The system of claim 892, wherein at least one of the communications includes data representing a sound and a video.

751. (currently amended)   The system of claim 892, wherein the computer system is further programmed to provide the computer corresponding to the first user identity with access to a member-associated image corresponding to the second user identity.

752. (currently amended)   The system of claim 748, wherein the computer system is further programmed to provide the computer corresponding to the first user identity with access to a member-associated image corresponding to the second user identity.

753. (currently amended)   The system of claim 749, wherein the computer system is further programmed to provide the computer corresponding to the first user identity with access to a member-associated image corresponding to the second user identity.

754. (currently amended)   The system of claim 750, wherein the computer system is further programmed to provide the computer corresponding to the first user identity

103

with access to a member-associated image corresponding to the second user identity.

755. (currently amended)   The method of claim 893, wherein at least one of the multimedia messages includes data representing a sound.

756. (currently amended)   The method of claim 893, wherein at least one of the multimedia messages includes data representing a video.

757. (currently amended)   The method of claim 893, wherein at least one of the multimedia messages includes data representing a sound and a video.

758. (currently amended)   The method of claim 893, further including:

storing, for the first user identity, an authorization associated with presentation of graphical multimedia data; and

based on the authorization, presenting the graphical multimedia data at an output device corresponding to the second user identity.

759. (currently amended)   The method of claim 755, further including:

storing, for the first user identity, an authorization associated with presentation of graphical multimedia data; and

based on the authorization, presenting the graphical multimedia data at an output device corresponding to the second user identity.

760. (currently amended)   The method of claim 756, further including:

storing, for the first user identity, an authorization associated with presentation of graphical multimedia data; and

based on the authorization, presenting the graphical multimedia data at an output device corresponding to the second user identity.

761. (currently amended)   The method of claim 757, further including:

storing, for the first user identity, an authorization associated with presentation of graphical multimedia data; and

based on the authorization, presenting the graphical multimedia data at an output device corresponding to the second user identity.

762. (currently amended)   The method of claim 894, wherein at least one of the multimedia messages includes data representing a sound.

763. (currently amended)   The method of claim 894, wherein at least one of the multimedia messages includes data representing a video.

764. (currently amended)   The method of claim 894, wherein at least one of the multimedia messages includes data representing a sound and a video.

765. (currently amended)   The method of claim 894, further including:

storing, for the first user identity, an authorization associated with presentation of graphical multimedia data; and

based on the authorization, presenting the graphical multimedia data at an output device corresponding to the second user identity.

766. (currently amended)   The method of claim 762, further including:

storing, for the first user identity, an authorization associated with presentation of

105

graphical multimedia data; and

based on the authorization, presenting the graphical multimedia data at an output device corresponding to the second user identity.

767. (currently amended)   The method of claim 763, further including:

storing, for the first user identity, an authorization associated with presentation of graphical multimedia data; and

based on the authorization, presenting the graphical multimedia data at an output device corresponding to the second user identity.

768. (currently amended)   The method of claim 764, further including:

storing, for the first user identity, an authorization associated with presentation of graphical multimedia data; and

based on the authorization, presenting the graphical multimedia data at an output device corresponding to the second user identity.

769. (currently amended)   The system of claim 895, wherein at least one of the multimedia messages includes data representing a sound.

770. (currently amended)   The system of claim 895, wherein at least one of the multimedia messages includes data representing a video.

771. (currently amended)   The system of claim 895, wherein at least one of the multimedia messages includes data representing a sound and a video.

772. (currently amended)   The system of claim 895, wherein the computer

106

system is further programmed to provide the computer corresponding to the first user identity

with access to a member-associated image corresponding to the second user identity.

773. (currently amended)   The system of claim 769, wherein the computer

system is further programmed to provide the computer corresponding to the first user identity

with access to a member-associated image corresponding to the second user identity.

774. (currently amended)   The system of claim 770, wherein the computer

system is further programmed to provide the computer corresponding to the first user identity

with access to a member-associated image corresponding to the second user identity.

775. (currently amended)   The system of claim 771, wherein the computer

system is further programmed to provide the computer corresponding to the first user identity

with access to a member-associated image corresponding to the second user identity.

776. (currently amended)   The system of claim 896, wherein at least one of the

communications includes data representing a sound.

777. (currently amended)   The system of claim 896, wherein at least one of the

communications includes data representing a video.

778. (currently amended)   The system of claim 896, wherein at least one of the

communications includes data representing a sound and a video.

779. (currently amended)   The system of claim 896, wherein the computer

system is further programmed to:

107

store, for the first user identity, an authorization associated with presentation of graphical multimedia data; and

based on the authorization, present the graphical multimedia data at an output device corresponding to the second user identity.

780. (currently amended)   The system of claim 776, wherein the computer system is further programmed to:

store, for the first user identity, an authorization associated with presentation of graphical multimedia data; and

based on the authorization, present the graphical multimedia data at an output device corresponding to the second user identity.

781. (currently amended)   The system of claim 777, wherein the computer system is further programmed to:

store, for the first user identity, an authorization associated with presentation of graphical multimedia data; and

based on the authorization, present the graphical multimedia data at an output device corresponding to the second user identity.

782. (currently amended)   The system of claim 778, wherein the computer system is further programmed to:

store, for the first user identity, an authorization associated with presentation of graphical multimedia data; and

based on the authorization, present the graphical multimedia data at an output device corresponding to the second user identity.

783. (currently amended)   The system of claim 871, wherein the computer system is programmed to allow the plurality of computers to communicate a type of data representing at least one of a pointer, video, audio, graphic, or multimedia, whereby the pointer produces a pointer-triggered message on demand.

784. (currently amended)   The system of claim 783, wherein the type of data represents a pointer.

785. (currently amended)   The system of claim 783, wherein the type of data represents audio.

786. (currently amended)   The system of claim 783, wherein the type of data represents a video.

787. (currently amended)   The system of claim 783, wherein the type of data represents a graphic.

788. (currently amended)   The system of claim 783, wherein the type of data represents multimedia.

789. (currently amended)   The system of claim 783, wherein the type of data represents a pointer and audio.

790. (currently amended)   The system of claim 783, wherein the type of data represents a pointer and a video.

791. (currently amended)   The system of claim 783, wherein the type of data represents a pointer and a graphic.

792. (currently amended)   The system of claim 783, wherein the type of data represents audio and a video.

793. (currently amended)   The system of claim 783, wherein the type of data represents audio and a graphic.

794. (currently amended)   The system of claim 783, wherein the type of data represents a video and a graphic.

795. (currently amended)   The system of claim 783, wherein the type of data represents a pointer and audio and a video.

796. (currently amended)   The system of claim 783, wherein the type of data represents a pointer and audio and a graphic.

797. (currently amended)   The system of claim 783, wherein the type of data represents a pointer and a video and a graphic.

798. (currently amended)   The system of claim 783, wherein the type of data represents audio and a video and a graphic.

799. (currently amended)   The system of claim 783, wherein the type of data represents a pointer and audio and a video and a graphic.

800. (currently amended)   The system of claim 871, wherein the computer system is further programmed to provide access to a member-associated image.

801. (currently amended)   The system of claim 783, wherein the computer system is further programmed to provide access to a member-associated image.

802. (currently amended)   The system of claim 784, wherein the computer system is further programmed to provide access to a member-associated image.

803. (currently amended)   The system of claim 785, wherein the computer system is further programmed to provide access to a member-associated image.

804. (currently amended)   The system of claim 786, wherein the computer system is further programmed to provide access to a member-associated image.

805. (currently amended)   The system of claim 787, wherein the computer system is further programmed to provide access to a member-associated image.

806. (currently amended)   The system of claim 788, wherein the computer system is further programmed to provide access to a member-associated image.

807. (currently amended)   The system of claim 789, wherein the computer system is further programmed to provide access to a member-associated image.

808. (currently amended)   The system of claim 790, wherein the computer

system is further programmed to provide access to a member-associated image.

809. (currently amended)   The system of claim 791, wherein the computer system is further programmed to provide access to a member-associated image.

810. (currently amended)   The system of claim 792, wherein the computer system is further programmed to provide access to a member-associated image.

811. (currently amended)   The system of claim 793, wherein the computer system is further programmed to provide access to a member-associated image.

812. (currently amended)   The system of claim 794, wherein the computer system is further programmed to provide access to a member-associated image.

813. (currently amended)   The system of claim 795, wherein the computer system is further programmed to provide access to a member-associated image.

814. (currently amended)   The system of claim 796, wherein the computer system is further programmed to provide access to a member-associated image.

815. (currently amended)   The system of claim 797, wherein the computer system is further programmed to provide access to a member-associated image.

816. (currently amended)   The system of claim 798, wherein the computer system is further programmed to provide access to a member-associated image.

817. (currently amended)   The system of claim 799, wherein the computer system is further programmed to provide access to a member-associated image.

818. (currently amended)   The method of claim 876, further including:

responsive to the allowing the plurality of computers to communicate receiving communications, at least one of the plurality of computers, the communications including data representing at least one of a pointer, video, audio, graphic, or multimedia.

819. (currently amended)   The method of claim 818, wherein the data represents a pointer.

820. (currently amended)   The method of claim 818, wherein the data represents audio.

821. (currently amended)   The method of claim 818, wherein the data represents a video.

822. (currently amended)   The method of claim 818, wherein the data represents a graphic.

823. (currently amended)   The method of claim 818, wherein the data represents multimedia.

824. (currently amended)   The method of claim 818, wherein the data represents a pointer and audio.

825. (currently amended)   The method of claim 818, wherein the data represents a pointer and a video.

826. (currently amended)   The method of claim 818, wherein the data represents a pointer and a graphic.

827. (currently amended)   The method of claim 818, wherein the data represents audio and a video.

828. (currently amended)   The method of claim 818, wherein the data represents audio and a graphic.

829. (currently amended)   The method of claim 818, wherein the data represents a video and a graphic.

830. (currently amended)   The method of claim 818, wherein the wherein the data represents a pointer and audio and a video.

831. (currently amended)   The method of claim 818, wherein the data represents a pointer and audio and a graphic.

832. (currently amended)   The method of claim 818, wherein the data represents a pointer and a video and a graphic.

833. (currently amended)   The method of claim 818, wherein the data represents audio and a video and a graphic.

114

834. (currently amended)   The method of claim 818, wherein the data represents a pointer and audio and a video and a graphic.

835. (currently amended)   The method of claim 818, whereby the pointer produces a pointer-triggered message on demand.

836. (currently amended)   The method of claim 819, whereby the pointer produces a pointer-triggered message on demand.

837. (currently amended)   The method of claim 824, whereby the pointer produces a pointer-triggered message on demand.

838. (currently amended)   The method of claim 825, whereby the pointer produces a pointer-triggered message on demand.

839. (currently amended)   The method of claim 826, whereby the pointer produces a pointer-triggered message on demand.

840. (currently amended)   The method of claim 830, whereby the pointer produces a pointer-triggered message on demand.

841. (currently amended)   The method of claim 831, whereby the pointer produces a pointer-triggered message on demand.

842. (currently amended)   The method of claim 832, whereby the pointer

115

produces a pointer-triggered message on demand.

843. (currently amended) A communications system to distribute communications over an Internet network, the system including:

a plurality of computers connected, responsive to each of the plurality of computers sending a respective login name and a password corresponding to a respective user identity, to a computer system programmed to:

determine which of the plurality of computers can communicate communications with an other of the plurality of computers, wherein at least some of the communications are in real time via the Internet network, and

provide a member-associated image and member personal information respectively corresponding to one of the user identities to at least some of the plurality of computers.

844. (currently amended) The method of claim 834, whereby the pointer produces a pointer-triggered message on demand.

845. (currently amended) The system of claim 877, wherein the computer system is further programmed to:

send and receive communications between members in a group, the communications including data representing at least one of a video, sound, graphic, or multimedia, and

receive the communications in real time via the Internet network.

846. (currently amended) The system of claim 845, wherein at least one of the multimedia messages includes data representing a sound.

116

847. (currently amended) The system of claim 845, wherein at least one of the multimedia messages includes data representing a video.

848. (currently amended) The system of claim 845, wherein at least one of the multimedia messages includes data representing a sound and a video.

849. (currently amended) The system of claim 845, wherein the computer system is further programmed to provide the computer corresponding to the first user identity with access to a member-associated image corresponding to the second user identity.

850. (currently amended) The system of claim 846, wherein the computer system is further programmed to provide the computer corresponding to the first user identity with access to a member-associated image corresponding to the second user identity.

851. (currently amended) The system of claim 847, wherein the computer system is further programmed to provide the computer corresponding to the first user identity with access to a member-associated image corresponding to the second user identity.

852. (currently amended) The system of claim 848, wherein the computer system is further programmed to provide the computer corresponding to the first user identity with access to a member-associated image corresponding to the second user identity.

853. (currently amended) The method of claim 878, further including sending and receiving communications between members in a group, the communications including data representing at least one of a video, sound, graphic, or multimedia, the receiving in real time via the Internet network.

854. (currently amended)   The method of claim 878, wherein the wherein the data represents a sound.

855. (currently amended)   The method of claim 878, wherein the wherein the data represents a video.

856. (currently amended)   The method of claim 878, wherein the wherein the data represents a sound and a video.

857. (currently amended)   The method of claim 878, wherein the data represents a sound and a video.

858. (currently amended)   The method of claim 878, further including:

storing, for the first user identity, an authorization associated with presentation of graphical multimedia data; and

based on the authorization, presenting the graphical multimedia data at an output device corresponding to the second user identity.

859. (currently amended)   The method of claim 853, further including:

storing, for the first user identity, an authorization associated with presentation of graphical multimedia data; and

based on the authorization, presenting the graphical multimedia data at an output device corresponding to the second user identity.

860. (currently amended)   The method of claim 854, further including:

118

storing, for the first user identity, an authorization associated with presentation of graphical multimedia data; and

based on the authorization, presenting the graphical multimedia data at an output device corresponding to the second user identity.

861. (currently amended)   The method of claim 855, further including:

storing, for the first user identity, an authorization associated with presentation of graphical multimedia data; and

based on the authorization, presenting the graphical multimedia data at an output device corresponding to the second user identity.

862. (currently amended)   The method of claim 901, wherein at least one of the multimedia messages includes data representing a sound.

863. (currently amended)   The method of claim 901, wherein at least one of the multimedia messages includes data representing a video.

864. (currently amended)   The method of claim 901, wherein at least one of the multimedia messages includes data representing a sound and a video.

865. (currently amended)   The method of claim 901, further including:

storing, for the first user identity, an authorization associated with presentation of graphical multimedia data; and

based on the authorization, presenting the graphical multimedia data at an output device corresponding to the second user identity.

119

866. (currently amended)   The method of claim 862, further including:

storing, for the first user identity, an authorization associated with presentation of graphical multimedia data; and

based on the authorization, presenting the graphical multimedia data at an output device corresponding to the second user identity.

867. (currently amended)   The method of claim 863, further including:

storing, for the first user identity, an authorization associated with presentation of graphical multimedia data; and

based on the authorization, presenting the graphical multimedia data at an output device corresponding to the second user identity.

868. (currently amended)   The method of claim 864, further including:

storing, for the first user identity, an authorization associated with presentation of graphical multimedia data; and

based on the authorization, presenting the graphical multimedia data at an output device corresponding to the second user identity.

869. (currently amended)   The system of claim 902, wherein at least one of the multimedia messages includes data representing a sound.

870. (currently amended)   The system of claim 902, wherein at least one of the multimedia messages includes data representing a video.

871. (currently amended)   An Internet network system, the system including:

120

a plurality of computers, each of the plurality of computers connected to a respective output device, the plurality of computers being connected, responsive to each of the plurality of computers sending a respective login name and a password corresponding to a respective user identity, to a computer system programmed to:

store, for a first of the user identities, a respective authorization associated with graphical multimedia data, and

allow the plurality of computers to communicate in real time via the Internet network, and based on the authorization, cause the graphical multimedia data to be presented at the output device of one of the plurality of computers corresponding to a second of the user identities.

872. (currently amended)   The system of claim 902, wherein at least one of the multimedia messages includes data representing a sound and a video.

873. (currently amended) The system of claim 902, wherein the computer system is further programmed to provide the computer corresponding to the first user identity with access to a member-associated image corresponding to the second user identity.

874. (currently amended)   The system of claim 869, wherein the computer system is further programmed to provide the computer corresponding to the first user identity with access to a member-associated image corresponding to the second user identity.

875. (currently amended)   The system of claim 870, wherein the computer system is further programmed to provide the computer corresponding to the first user identity with access to a member-associated image corresponding to the second user identity.

876. (currently amended)   A method of communicating over an Internet network, the method including:

connecting a plurality of computers, responsive to each of the plurality of computers sending a respective login name and password corresponding to a respective user identity, to a computer system, each of the plurality of computers being connected to a respective input device and to a respective output device;

storing, for a first of the user identities, a respective authorization allowing or disallowing presentment of graphical multimedia data; and

allowing the plurality of computers to communicate in real time via the Internet network, and based on the authorization, presenting the graphical multimedia data at the output device of one of the plurality of computers corresponding to a second of the user identities.

877. (currently amended)   An Internet network communication system, the system including:

a plurality of computers, each of the plurality of computers being connected to a respective input device and to a respective output device, the plurality of computers being connected, responsive to each of the plurality of computers sending a respective login name and password corresponding to a respective user identity, to a computer system programmed to:

respond to one of the plurality of the computers communicating a pointer in real time and via the Internet, whereby the pointer produces a pointer-triggered message on demand, by determining whether a first of the user identities is censored from content in the pointer-triggered message,

if the content is censored, disallow the pointer-triggered message from being presented at the output device of the computer corresponding to the first of the user identity, and

122

if the content is not censored, allow the pointer-triggered message to be presented at the output device of the computer corresponding to the first of the user identities.

878. (currently amended)   A method of communicating via an Internet network, the method including:

sending a respective login name and password corresponding to a respective user identity;

after the sending, connecting a plurality of computers to a computer system, each of the plurality of computers being connected to a respective input device and to a respective output device;

responsive to at least one of the plurality of computers communicating a pointer in real time and via the Internet, the pointer producing a pointer-triggered message on demand, determining whether a first of the user identities is censored from content in the pointer-triggered message;

if the content is censored, disallowing the pointer-triggered message to be presented at the output device of the computer corresponding to the first of the user identities; and

if the content is not censored, allowing the pointer-triggered message to be presented at the output device of the computer corresponding to the first of the user identities.

879. (currently amended)   The system of claim 872, wherein the computer system is further programmed to provide the computer corresponding to the first user identity with access to a member-associated image corresponding to the second user identity.

880. (currently amended)   The system of claim 909, wherein the type includes a pointer.

881. (currently amended)   The of claim 909, wherein the type includes audio.

882. (currently amended)   The system of claim 909, wherein the type includes a video.

883. (currently amended)   The system of claim 909, wherein the type includes a graphic.

884. (currently amended)   A method of communicating via an Internet network, the method including:

sending a respective login name and password corresponding to a respective user identity;

after the sending, connecting a plurality of computers to a computer system, each of the plurality of computers being connected to a respective input device and to a respective output device;

determining whether at least one of a first user identity and a second user identity, individually, is censored from receiving data comprising a pointer in communications that include at least one of text or ascii, the pointer producing a pointer-triggered message on demand;

determining whether the first and the second of the user identities are able to form a group; and

if the first and the second user identities are able to form the group, then forming the group for sending the communications, receiving and presenting the communications that are not censored based on the individual user identity, the receiving being in real time and over the Internet network, and not allowing the data that is censored to be presented at the output

124

device corresponding to the user identity that is censored from receiving the data.

885. (currently amended) A method of communicating via an Internet network, the method including:

connecting a computer system to a plurality of computers;

sending a respective login name and password corresponding to a respective user identity from each of the plurality of computers;

determining whether a first of the user identities and a second of the user identities are able to form a group for sending and receiving communications in real time;

determining whether at least one of the first user identity and the second user identity, individually, is censored from sending a pointer in the communications including at least one of text or ascii, the pointer producing a pointer-triggered message on demand; and

if the first and the second user identities are able to form the group, then forming the group and sending and receiving the communications that are not censored based on the individual user identity, the receiving being in real time over the Internet network.

886. (currently amended) The system of claim 909, wherein the type includes multimedia.

887. (currently amended) The system of claim 909, wherein the type includes a pointer and audio.

888. (currently amended) The system of claim 909, wherein the type includes a pointer and a video.

889. (currently amended) The system of claim 909, wherein the type includes

125

a pointer and a graphic.

890. (currently amended)   The system of claim 909, wherein the type includes audio and a graphic.

891. (currently amended)   A system to communicate via an Internet network, the system including:

a plurality of computers, each of the plurality of computers being connected to a respective input device and to a respective output device, the plurality of computers being connected, responsive to each of the plurality of computers sending a respective login name and password corresponding to a respective user identity, to a computer system programmed to:

form a group corresponding to a first of the user identities and a second of the user identities, each member of the group being capable of sending and receiving communications in real time,

determine whether at least one of the first user identity and the second user identity, individually, is censored from receiving, in the communications, data comprising a pointer, the pointer producing a pointer-triggered message on demand, and

thereafter cause the computers to receive, in real time via the Internet network, and present the communications that are not censored based on the individual user identity, and to not present the data that is censored at the output device corresponding to the user identity that is censored from receiving the data, wherein at least some of the communications include data representing at least text or ascii.

892. (currently amended) A system to communicate via an Internet network, the system including:

126

a plurality of computers, each of the plurality of computers being connected to a respective input device and to a respective output device, the plurality of computers being connected, responsive to each of the plurality of computers sending a respective login name and password corresponding to a respective user identity, to a computer system programmed to:

form a group corresponding to a first of the user identities and a second of the user identities, each member of the group being capable of sending and receiving communications in real time,

determine whether at least one of the first user identity and the second user identity, individually, is censored from sending, in the communications, a pointer that produces a pointer-triggered message on demand, and

thereafter cause the computers to receive, in real time via the Internet network, and present the communications that are not censored based on the individual user identity, and to not present the communications that are censored at the output device corresponding to the user identity that is censored from receiving the data, at least some of the communications including data representing at least text or ascii.

893. (currently amended) A method of communicating via an Internet network, the method including:

connecting a plurality of computers to a system;

sending, from each of the plurality of computers, a respective login name and password corresponding to a respective user identity;

providing a first of the user identities access to a member-associated image corresponding to a second of the user identities;

determining whether the first of the user identities and the second of the user identities are able to form a group for sending and for receiving communications in real time;

127

and

if the first and the second user identities are able to form the group, forming the group, sending the communications, and receiving the communications in real time and via the Internet network, wherein at least some of the communications include data representing multimedia messages, and at least some of the multimedia messages include a pointer that produces a pointer-triggered message on demand.

894. (currently amended) A method of communicating via an Internet network, the method including:

connecting a plurality of computers to a computer system;

sending a respective login name and password corresponding to a respective user identity from each of the plurality of computers;

determining whether a first of the user identities and a second of the user identities are able to form a group for sending and for receiving communications in real time;

determining whether the first user identity is censored from access to a member-associated image corresponding to the second user identity;

if the first user identity is censored, not allowing access to the member-associated image;

if the first user identity is not censored, allowing access to the member-associated image; and

if the first and the second user identities are able to form the group, forming the group for sending the communications, and receiving the communications in real time and via the Internet network, wherein at least some of the communications include data representing at least one of a pointer, video, audio, graphic, or multimedia.

895. (currently amended) A system to communicate via an Internet network, the

128

system including:

a plurality of computers communicatively connected, responsive to each of the computers sending a respective login name and password corresponding to a respective user identity, to a computer system programmed to:

determine whether a first of the user identities and a second of the user identities are able to form a group for sending and for receiving communications in real time,

determine whether the first user identity is censored from access to a member-associated image corresponding to the second user identity,

if the first user identity is censored, not allow access to the member-associated image,

if the first user identity is not censored, allow access to the member-associated image, and

if the first and the second user identities are able to form the group, then form the group for sending the communications,

wherein the computers corresponding to the user identities of the formed group are programmed to receive the communications in real time and via the Internet network wherein at least some of the communications include data representing a multimedia message and at least some of the multimedia messages include a pointer that produces a pointer-triggered message on demand.

896. (currently amended)   An Internet network communication system, the system including:

a plurality of computers connected, responsive to each of the plurality of computers sending a respective login name and password corresponding to a respective user identity, to a computer system programmed to:

provide a first of the user identities access to a member-associated image

129

corresponding to a second of the user identities,

determine whether the first user identity is censored from access to a member-associated image corresponding to the second user identity,

if the first user identity is censored, not allow access to the member-associated image,

if the first user identity is not censored, allow access to the member-associated image,

determine whether the first of the user identities and the second of the user identities are able to form a group for sending and for receiving communications in real time, and

if the first and the second user identities are able to form the group, form the group, wherein those of the plurality of computers corresponding to the first and the second user identities are programmed to send the communications and to receive the communications in real time and via the Internet network.

897. (currently amended)   The system of claim 909, wherein the type includes audio and video.

898. (currently amended) The system of claim 909, wherein the type includes a video and a graphic.

899. (currently amended)   The system of claim 909, wherein the type includes a pointer and audio and a video.

900. (currently amended) The system of claim 909, wherein the type includes a pointer and audio and a graphic.

130

901. (currently amended)   A method of communicating via an Internet network, the method including:

connecting a computer system with a plurality of computers;

sending, from each of the plurality of computers, a respective user identity associated with a login name and a password;

permitting at least a first of the user identities and a second of the user identities to form a group; and

communicating the communications in real time, via the Internet network, between the computers in the group, wherein at least some of the communications include data representing multimedia messages comprised of more than one data type, and at least some other of the communications include a pointer that produces a pointer-triggered message on demand.

902. (currently amended)   A system to communicate via an Internet network, the system including:

a plurality of computers connected, responsive to each of the computers sending information indicative of a respective login name and password corresponding to a respective user identity, to a computer system programmed to:

permit at least a first of the plurality of computers and a second of the plurality of computers to form a group for communicating communications in real time via the Internet network, wherein those of the plurality of computers in the group are programmed to receive the communications, at least some of the communications including data representing multimedia messages comprised of more than one data type, and at least some other of the communications including a pointer that produces a pointer-triggered message on demand.

131

903. (currently amended)   A human communication system for controlling communication via an Internet network, the system including:

a plurality of computers connected, responsive to each of the plurality of computers sending a user identity associated with a login name and a password, to a computer system programmed to allow a first of the user identities and a second of the user identities to form a group to send and receive communications in real time and via the Internet network, wherein those of the plurality of computers in the group are programmed to receive communications, wherein at least some of the communications include a pointer that produces a pointer-triggered message on demand, at least some of the communications include data representing human communication sound, and at least some of the communications include data representing at least one of text or ascii.

904. (currently amended)   The system of claim 909, wherein the type includes a pointer and a video and a graphic.

905. (currently amended)   The system of claim 909, wherein the type includes audio and a video and a graphic.

906. (currently amended)   The system of claim 909, wherein the type includes a pointer and audio and a video and a graphic.

909. (currently amended)   A system of controlling real time communications via an Internet network, the system including:

a computer system programmed to:

connect a plurality of computers including a first computer in response to each of the plurality of computers sending information indicative of a respective login name and

132

respective a password, which together correspond to a user identity,

store a set of privileges corresponding to each user identity,

determine whether the set of privileges corresponding to each user identity includes a privilege to communicate at least one type of message in real time via the Internet network, the type including a video, graphic, a member-associated image, or graphical multimedia, and if the set of privileges includes the privilege, communicate the at least one type of message,

the computer system being further programmed to allow the first computer to communicate data representing the at least one type of message to another of the plurality of computers, and

if the set of privileges does not include the privilege to communicate the at least one type of message, disallow the first computer from communicating the at least one type of message to another of the plurality of computers.

910. (currently amended)   A method of controlling communication over an Internet network, the method including:

connecting a computer system with a plurality of computers;

sending information indicative of a respective login name and password corresponding to a first user identity from a first of the plurality of computers;

receiving information indicative of a login name and a password corresponding to a second user identity from a second of the plurality of computers;

allowing the first user identity and the second user identity to form a group; and

sending and receiving communications in real time and via the Internet network between those of the plurality of computers in the group, wherein at least some of the communications include a pointer that produces a pointer-triggered message on demand, at

133

least some of the communications include data representing sound indicative of a human communication sound, and at least some of the communications include data representing at least one of text or ascii.

916. (currently amended)   A method of controlling real time communications via an Internet network, the method including:

storing a set of privileges corresponding to a user identity;

connecting a plurality of computers via the Internet network;

receiving information indicative of a login name and a password corresponding respectively to the user identity from a first computer of the plurality of computers;

determining whether the set of privileges includes a privilege to communicate at least one type of message that includes a video, graphic, a member-associated image, or graphical multimedia;

if the set of privileges includes the privilege to communicate the at least one type of message, allowing the first of the plurality of computer to communicate, in real time via the internet network, the type of message to an other of the plurality of computers; and

if the set of privileges does not include the privilege to communicate the at least one type of message, disallowing the first computer from communicating the at least one type of message to the other of the plurality of computers.

917. (currently amended)   A method of receiving a communication via an Internet network, the method including:

sending, from a first computer, information indicative of a login name and a password corresponding to a user identity;

responsive to the sending, connecting the first computer to a computer system;

forming a communication link between the first computer and a second computer

134

for communicating a communication, the communication including data representing at least one of a member-associated image, video, graphic, sound, or multimedia;

communicating a pointer, from the first computer to the computer system to obtain the communication at the first computer, the communication being sent in real time and via the Internet network; and

receiving the communication from the first computer at the second computer in real time over the communication link.

918. (currently amended)   A system to distribute a communication via an Internet network, the system including:

a first computer connected to a computer system, the first computer being connected responsive to its sending information indicative of a login name and a password corresponding to a user identity;

a communication link between the first computer and a second computer; and

respective software stored in the first and second computers, the software stored in the first computer being programmed to communicate a pointer, from the first computer to the computer system, for receiving the communication at the first computer, the communication being sent in real time and via the Internet network, and the software stored in the second computer being programmed to receive the communication for the first computer at the second computer in real time via the communication link, wherein the communication includes data representing at least one of a video, graphic, sound, or multimedia.

919. (currently amended)   The system of claim 888, wherein the computer system is further programmed to allow the first computer to communicate a pointer that produces a pointer-triggered message on demand.

135

920. (currently amended) The system of claim 889, wherein the computer system is further programmed to allow the first computer to communicate a pointer that produces a pointer-triggered message on demand.

921. (currently amended) The system of claim 890, wherein the computer system is further programmed to allow the first computer to communicate a pointer that produces a pointer-triggered message on demand.

922. (currently amended) The system of claim 897, wherein the computer system is further programmed to allow the first computer to communicate a pointer that produces a pointer-triggered message on demand.

923. (currently amended) The system of claim 898, wherein the computer system is further programmed to allow the first computer to communicate a pointer that produces a pointer-triggered message on demand.

924. (currently amended) The system of claim 899, wherein the computer system is further programmed to allow the first computer to communicate a pointer that produces a pointer-triggered message on demand.

925. (currently amended) The system of claim 900, wherein the computer system is further programmed to allow the first computer to communicate a pointer that produces a pointer-triggered message on demand.

926. (currently amended) The system of claim 904, wherein the computer system is further programmed to allow the first computer to communicate a pointer that

136

produces a pointer-triggered message on demand.

927. (currently amended)   The system of claim 905, wherein the computer system is further programmed to allow the first computer to communicate a pointer that produces a pointer-triggered message on demand.

928. (currently amended)   The system of claim 906, wherein the computer system is further programmed to allow the first computer to communicate a pointer that produces a pointer-triggered message on demand.

929. (currently amended)   The method of claim 916, wherein the type includes a pointer.

930. (currently amended)   The method of claim 916, wherein the type includes audio.

931. (currently amended)   The method of claim 916, wherein the type includes a video.

932. (currently amended)   The method of claim 916, wherein the type includes a graphic.

933. (currently amended)   The method of claim 916, wherein the type includes multimedia.

934. (currently amended)   The method of claim 916, wherein the type includes

137

a pointer and audio.

935. (currently amended)   The method of claim 916, wherein the type includes a pointer and a video.

936. (currently amended)   The method of claim 916, wherein the type includes a pointer and a graphic.

937. (currently amended)   The method of claim 916, wherein the type includes audio and a graphic.

938. (currently amended)   The method of claim 916, wherein the type includes audio and video.

939. (currently amended)   The method of claim 916, wherein the type includes a video and a graphic.

940. (currently amended)   The method of claim 916, wherein the type includes a pointer and audio and a video.

941. (currently amended)   The method of claim 916, wherein the type includes a pointer and audio and a graphic.

942. (currently amended)   The method of claim 916, wherein the type includes a pointer and a video and a graphic.

138

943. (currently amended)   The method of claim 916, wherein the type includes audio and a video and a graphic.

944. (currently amended)   The method of claim 916, wherein the type includes a pointer and audio and a video and a graphic.

945. (currently amended)   The method of claim 916, further including allowing the first computer to communicate a pointer that produces a pointer-triggered message on demand.

946. (currently amended)   The method of claim 929, further including allowing the first computer to communicate a pointer that produces a pointer-triggered message on demand.

947. (currently amended)   The method of claim 929, method further including allowing the first computer to communicate a pointer that produces a pointer-triggered message on demand.

948. (currently amended)   The method of claim 930, further including allowing the first computer to communicate a pointer that produces a pointer-triggered message on demand.

949. (currently amended)   An Internet network communication system, the system including:

a computer system including a server computer;

a plurality of computers, each of the plurality of computers connected to an input

139

device and an output device, and

a communication link between the computer system including a server computer and each of the plurality of computers, each of the plurality of computers being connected responsive to its sending information indicative of a login name and password, each respective login name and password corresponding to a respective user identity,

wherein the server computer is programmed to:

allow one of the plurality of computers to be a member in one of a plurality of communication channels, each said communication channel allowing communication between at least some of the plurality of computers by way of the communication link,

cause graphical multimedia data associated with a first of the login names to be presented at one of the output devices corresponding to a second of the user identities,

the server computer being further programmed to cause the user messages to be delivered over or by way of the Internet network, in at least one of the communication channels, and in real time between receipt and delivery of the user messages so as to allow access to the user messages substantially instantaneously,

wherein at least some of the user messages individually include at least two of text, a sound, a graphic, an image, and a video.

950. (currently amended)   The system of claim 949, wherein at least one of said user messages includes a uniform resource locater, whereby the uniform resource locater produces a message upon demand.

951. (currently amended)   The system of claim 949, wherein at least one of said user messages includes the uniform resource locator, whereby the uniform resource locator commands at least one of the plurality of computers corresponding to the receipt to locate an additional message and present the additional message at the respective output

140

device.

952. (currently amended)   The system of claim 949, wherein the computer system is further programmed to determine whether the receipt is censored, and to cause the receipt if the receipt is not censored.

953. (currently amended)   A method including:

establishing a communication path between a computer system and each of a plurality of computers, each of the plurality of computers respectively connected to an input device and to an output device, each of the plurality of computers being connected responsive to its sending information indicative of a login name and password, each respective login name and password corresponding to a respective user identity,

allowing a first one of the plurality of computers to be a member of one of a plurality of communication channels, and

storing, for a first of the user identities, an authorization for allowing or disallowing presentment of graphical multimedia data,

based on the authorization, presenting the graphical multimedia data at the output device corresponding to a second of the user identities,

sending and receiving, in real time, user messages between two or more of the plurality of computers, over or by way of the Internet network, in at least one of the communication channels, thereby allowing access to the user messages substantially instantaneously,

wherein at least some of the user messages individually include a uniform resource locator that points to data that does not include text or ascii.

954. (currently amended)   The method of claim 953, further including

141

instructing at least one of the plurality of computers to locate an additional user message on demand via the uniform resource locator.

955. (new) A method communicating via an Internet network, the method including:

connecting a plurality of computers to a computer system, each of the plurality of computers connected responsive to receiving at the computer system information indicative of a respective log in name and password corresponding to a respective user identity;

determining whether a first of the user identities and a second of the user identities are able to form a group for sending and for receiving communications in real time;

determining whether at least one of the first user identity and the second user identity, individually, is censored from receiving in the communications at least one of a pointer, video, audio, graphic, or multimedia; and

if the first and the second user identities are able to form the group, forming the group for sending the communications, and receiving the communications that are not censored based on the individual user identity, wherein the receiving is in real time via the Internet network, and not receiving the communications that are censored.

956. (new) A method communicating via an Internet network, the method including:

connecting a plurality of computers to a computer system, each of the plurality of computers connected responsive to receiving at the computer system information indicative of a respective log in name and password corresponding to a respective user identity;

determining whether a first of the user identities and a second of the user identities are able to form a group for sending and for receiving communications in real time by determining whether at least one of the first user identity and the second user identity,

142

individually, is censored from receiving in the communications at least one of a pointer, video, audio, graphic, or multimedia; and

if the first and the second user identities are able to form the group, forming the group for sending the communications, and receiving the communications in real time via the Internet network.

957. (new)   A method communicating via an Internet network, the method including:

connecting a plurality of computers to a computer system, each of the plurality of computers connected responsive to receiving at the computer system information indicative of a respective log in name and password corresponding to a respective user identity;

determining whether a first of the user identities and a second of the user identities are able to form a group for sending and for receiving communications in real time;

determining whether at least one of the first user identity and the second user identity, individually, is censored from sending in the communications at least one of a pointer, video, audio, graphic, or multimedia; and

if the first and the second user identities are able to form the group, forming the group, sending the communications that are not censored based on the individual user identity, and receiving the communications in real time via the Internet network.

958. (new)   A method communicating via an Internet network, the method including:

connecting a plurality of computers to a computer system, each of the plurality of computers connected responsive to receiving at the computer system information indicative of a respective log in name and password corresponding to a respective user identity;

determining whether a first of the user identities and a second of the user

identities are able to form a group for sending and for receiving communications in real time by determining whether at least one of the first user identity and the second user identity, individually, is censored from sending in the communications at least one of a pointer, video, audio, graphic, or multimedia; and

if the first and the second user identities are able to form the group, forming the group for sending the communications, and receiving the communications in real time via the Internet network.

959. (new)   A system to communicate via an Internet network, the system including:

a plurality of computers connected to a computer system, each of the plurality of computers being connected responsive to receipt at the computer system of information indicative of a respective log in name and password corresponding to a respective user identity, the computer system being programmed to:

determine whether a first of the user identities and a second of the user identities are able to form a group capable of sending and receiving communications in real time;

determine whether at least one of the first user identity and the second user identity, individually, is censored from receiving in the communications at least one of a pointer, video, audio, graphic, or multimedia, and

if the first and the second user identities are able to form the group, form the group for sending the communications, and

cause the plurality of computers in the group to receive, in real time via the Internet network, the communications that are not censored based on the individual user identity, and

cause the plurality of computers in the group to not receive the communications

144

that are censored based on the individual user identity.

960. (new)   A system to communicate via an Internet network, the system including:

a plurality of computers connected to a computer system, each of the plurality of computers being connected responsive to receipt at the computer system of information indicative of a respective log in name and password corresponding to a respective user identity, the computer system being programmed to:

determine whether a first of the user identities and a second of the user identities are able to form a group capable of sending and receiving communications in real time by determining whether at least one of the first user identity and the second user identity, individually, is censored from receiving in the communications at least one of a pointer, video, audio, graphic, or multimedia; and

if the first and the second user identities are able to form the group, cause the group to be formed to send the communications, and cause the plurality of computers in the group receive, in real time via the Internet network, the communications that are not censored based on the individual user identity.

961. (new)   A system to communicate via an Internet network, the system including:

a plurality of computers connected to a computer system, each of the plurality of computers being connected responsive to receipt at the computer system of information indicative of a respective log in name and password corresponding to a respective user identity, the computer system being programmed to:

determine whether a first of the user identities and a second of the user identities are able to form a group for sending and for receiving communications in real time;

145

determine whether at least one of the first user identity and the second user identity, individually, is censored from sending in the communications at least one of a pointer, video, audio, graphic, or multimedia; and

if the first and the second user identities are able to form the group, cause the group to be formed and the communications that are not censored based on the individual user identity to be sent, and cause the communications to be received in real time via the Internet network.

962. (new)   A system to communicate via an Internet network, the system including:

a plurality of computers connected to a computer system, each of the plurality of computers being connected responsive to receipt at the computer system of information indicative of a respective log in name and password corresponding to a respective user identity, the computer system being programmed to:

determine whether a first of the user identities and a second of the user identities are able to form a group capable of sending and receiving communications in real time by determining whether at least one of the first user identity and the second user identity, individually, is censored from sending in the communications at least one of a pointer, video, audio, graphic, or multimedia; and

if the first and the second user identities are able to form the group, cause the group to be formed to send and receive the communications between members of the group, wherein the communications are received in real time via the Internet network.

963. (new)   The method of claim 939, further including allowing the first computer to communicate a pointer that produces a pointer-triggered message on demand.

146

964. (new)   The method of claim 940, further including allowing the first computer to communicate a pointer that produces a pointer-triggered message on demand.

965.(new)   The method of claim 940, further including allowing the first computer to communicate a pointer that produces a pointer-triggered message on demand.

966.(new)   The method of claim 941, further including allowing the first computer to communicate a pointer that produces a pointer-triggered message on demand.

967. (new)   The method of claim 942, further including allowing the first computer to communicate a pointer that produces a pointer-triggered message on demand.

968. (new)   The method of claim 943, further including allowing the first computer to communicate a pointer that produces a pointer-triggered message on demand.

969. (new)   The method of claim 944, further including allowing the first computer to communicate a pointer that produces a pointer-triggered message on demand.

970. (new)   The method of claim 945, further including allowing the first computer to communicate a pointer that produces a pointer-triggered message on demand.

973. (new)   A method communicating via an Internet network, the method including:

connecting a plurality of computers to a computer system, each of the plurality of computers connected responsive to receiving at the computer system information indicative of a respective log in name and password corresponding to a respective user identity;

147

determining whether a first of the user identities and a second of the user

identities are able to form a group for sending and for receiving communications in real time;

determining whether at least one of the first user identity and the second user

identity, individually, is censored from receiving in the communications at least one of a pointer,

video, audio, graphic, or multimedia; and

if the first and the second user identities are able to form the group, forming the

group for sending the communications, and receiving the communications that are not censored

based on the individual user identity, wherein the receiving is in real time via the Internet

network, and not receiving the communications that are censored.

974. (new)   A method communicating via an Internet network, the method

including:

connecting a plurality of computers to a computer system, each of the plurality of

computers connected responsive to receiving at the computer system information indicative of a

respective log in name and password corresponding to a respective user identity;

determining whether a first of the user identities and a second of the user

identities are able to form a group for sending and for receiving communications in real time by

determining whether at least one of the first user identity and the second user identity,

individually, is censored from receiving in the communications at least one of a pointer, video,

audio, graphic, or multimedia; and

if the first and the second user identities are able to form the group, forming the

group for sending the communications, and receiving the communications in real time via the

Internet network.

975. (new)   A method communicating via an Internet network, the method

including:

connecting a plurality of computers to a computer system, each of the plurality of

148

computers connected responsive to receiving at the computer system information indicative of a respective log in name and password corresponding to a respective user identity;

determining whether a first of the user identities and a second of the user identities are able to form a group for sending and for receiving communications in real time;

determining whether at least one of the first user identity and the second user identity, individually, is censored from sending in the communications at least one of a pointer, video, audio, graphic, or multimedia; and

if the first and the second user identities are able to form the group, forming the group, sending the communications that are not censored based on the individual user identity, and receiving the communications in real time via the Internet network.

976. (new)   A method communicating via an Internet network, the method including:

connecting a plurality of computers to a computer system, each of the plurality of computers connected responsive to receiving at the computer system information indicative of a respective log in name and password corresponding to a respective user identity;

determining whether a first of the user identities and a second of the user identities are able to form a group for sending and for receiving communications in real time by determining whether at least one of the first user identity and the second user identity, individually, is censored from sending in the communications at least one of a pointer, video, audio, graphic, or multimedia; and

if the first and the second user identities are able to form the group, forming the group for sending the communications, and receiving the communications in real time via the Internet network.

977. (new)   A method of communicating via an Internet network, the method including:

149

presenting an option to a plurality of computers to access at least one of two computer systems, wherein the option is exercised by providing a respective user name and password respectively corresponding to a user identity to the one of the two computer systems, wherein each of the two computer systems is programmed to cause at least some of the user identities to be recognized by both of the two computer systems and to allow at least some of the plurality of computers to form at least one group for sending and for receiving communications, wherein at least some of the communications are received in real time via the Internet network, the at least one of two computer systems being programmed to determine whether at least one of the user identities, individually, is censored from data representing at least one of a pointer, video, audio, graphic, or multimedia such that the data that is censored is not presented by the corresponding computer.

978. (new)   A system to communicate via an Internet network, the system including:

a plurality of computers connected to a computer system, each of the plurality of computers being connected responsive to receipt at the computer system of information indicative of a respective log in name and password corresponding to a respective user identity, the computer system being programmed to:

determine whether a first of the user identities and a second of the user identities are able to form a group capable of sending and receiving communications in real time;

determine whether at least one of the first user identity and the second user identity, individually, is censored from receiving in the communications at least one of a pointer, video, audio, graphic, or multimedia, and

if the first and the second user identities are able to form the group, form the group for sending the communications, and

cause the plurality of computers in the group to receive, in real time via the

150

Internet network, the communications that are not censored based on the individual user identity, and

cause the plurality of computers in the group to not receive the communications that are censored based on the individual user identity.

979. (new) A system to communicate via an Internet network, the system including:

a plurality of computers connected to a computer system, each of the plurality of computers being connected responsive to receipt at the computer system of information indicative of a respective log in name and password corresponding to a respective user identity, the computer system being programmed to:

determine whether a first of the user identities and a second of the user identities are able to form a group capable of sending and receiving communications in real time by determining whether at least one of the first user identity and the second user identity, individually, is censored from receiving in the communications at least one of a pointer, video, audio, graphic, or multimedia; and

if the first and the second user identities are able to form the group, cause the group to be formed to send the communications, and cause the plurality of computers in the group receive, in real time via the Internet network, the communications that are not censored based on the individual user identity.

980. (new) A system to communicate via an Internet network, the system including:

a plurality of computers connected to a computer system, each of the plurality of computers being connected responsive to receipt at the computer system of information indicative of a respective log in name and password corresponding to a respective user identity,

the computer system being programmed to:

determine whether a first of the user identities and a second of the user identities are able to form a group for sending and for receiving communications in real time;

determine whether at least one of the first user identity and the second user identity, individually, is censored from sending in the communications at least one of a pointer, video, audio, graphic, or multimedia; and

if the first and the second user identities are able to form the group, cause the group to be formed and the communications that are not censored based on the individual user identity to be sent, and cause the communications to be received in real time via the Internet network.

981. (new)   A system to communicate via an Internet network, the system including:

a plurality of computers connected to a computer system, each of the plurality of computers being connected responsive to receipt at the computer system of information indicative of a respective log in name and password corresponding to a respective user identity, the computer system being programmed to:

determine whether a first of the user identities and a second of the user identities are able to form a group capable of sending and receiving communications in real time by determining whether at least one of the first user identity and the second user identity, individually, is censored from sending in the communications at least one of a pointer, video, audio, graphic, or multimedia; and

if the first and the second user identities are able to form the group, cause the group to be formed to send and receive the communications between members of the group, wherein the communications are received in real time via the Internet network.

II.   Remarks

The Examiner is requested to enter the amendment and reconsider the application. It is believed that no new matter has been added.

Respectfully, the application is believed to be in condition for allowance, and favorable action is requested. If the prosecution of this case can be in any way advanced by a telephone discussion or by a personal interview, the Examiner is requested to call the undersigned at (312) 240-0824. The undersigned respectfully requests an opportunity to meet with the Examiner should it be helpful in furthering prosecution.
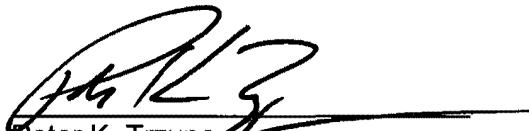
The Commissioner is hereby authorized to charge any fees associated with the above-identified patent application or credit any overcharges to Deposit Account No. 50-0235, and if any extension of time is needed, this shall be deemed a petition therefore. Please direct all communication to the undersigned at the address given below.

Respectfully submitted,

Date: September 8, 2005

Peter K. Trzyna
(Reg. No. 32,601)

P. O. Box 7131
Chicago, Illinois 60680-7131
(312) 240-0824

153

Clean Copy of the Amended Specification

I. **FIELD OF INVENTION**

       This invention is directed to an apparatus, a manufacture, and methods for

making and using the same, in a field of digital electrical computer systems. More particularly,

5   the present invention is directed to a digital electrical computer system involving a plurality of

participator computers linked by a network to at least one of a plurality of participator

computers, the participator computers operating in conjunction with the controller computer to

handle multiplexing operations for communications involving groups of some of the participator

computers.

10

II.   BACKGROUND OF THE INVENTION

Multiplexing group communications among computers ranges from very simple to very complex communications systems. At a simple level, group communications among computers involve electronic mail sent in a one way transmission to all those in a group or

5   subgroup using, say, a local area network. Arbitrating which computers receive electronic mail is a rather well understood undertaking.

On a more complex level, corporations may link remote offices to have a conference by computer. A central computer can control the multiplexing of what appears as an electronic equivalent to a discussion involving many individuals.

10   Even more complex is linking of computers to communicate in what has become known as a "chat room." Chat room communications can be mere text, such as that offered locally on a file server, or can involve graphics and certain multimedia capability, as exemplified by such Internet service providers as America On Line. Multiplexing in multimedia is more complex for this electronic environment.

15   On the Internet, "chat room" communications analogous to America On Line have not been developed, at least in part because Internet was structured for one-way communications analogous to electronic mail, rather than for real time group chat room communications. Further, unlike the an Internet service provider, which has control over both the hardware platform and the computer program running on the platform to create the "chat

20   room", there is no particular control over the platform that would be encountered on the Internet. Therefore, development of multiplexing technology for such an environment has been minimal.

Even with an emergence of the World Wide Web, which does have certain graphical multimedia capability, sophisticated chat room communication multiplexing has been

3

the domain of the Internet service providers. Users therefore have a choice between the limited

audience of a particular Internet Service provider or the limited chat capability of the Internet.

4

III. SUMMARY OF THE INVENTION

It is an object of the present invention to overcome such limitations of the prior

art and to advance and improve the technology of group computer multiplexing to enable better

computerized group communications.

5   It is another object of the present invention to provide a computerized human

communication arbitrating and distributing system.

It is yet another object of the present invention to provide a group communication

multiplexing system involving a controller digital computer linked to a plurality of participator

computers to organize communications by groups of the participator computers.

10   It is still another object of the present invention to link the controller computer

and the plurality of computers with respective software coordinated to arbitrate multiplexing

activities.

It is still a further object of the present invention to provide a chat capability

suitable for handling graphical, textual, and multimedia information in a platform independent

15   manner.

These and other objects and utilities of the invention, apparent from the

discussion herein, are addressed by a computerized human communication arbitrating and

distributing system. The system includes a controller digital electrical computer and a plurality

of participator digital computers, each of the participator computers including an input device for

20   receiving human-input information and an output device for presenting information to a user

having a user identity. A connection such as the Internet links the controller computer with

each of the participator computers.

Controller software runs on the controller computer, programming the controller

computer to arbitrate in accordance with predefined rules including said user identity, which

5

ones of the participator computers can interact in one of a plurality of groups communicating through the controller computer and to distribute real time data to the respective ones of the groups.

Participator software runs on each of the participator computers to program each

5 of the participator computers to operate a user interface. The user interface permits one of the users to send and/or receive a multimedia information message to the controller computer, which arbitrates which of the participator computers receives the multimedia information message. The controller computer also conveys the multimedia information message to the selected participator computers to present the multimedia information to the respective user.

10 Therefore, for a computer system involving a plurality of programmed participator computers running the participator computer program can interact through a programmed controller computer with the controller computer multiplexing the communications for groups formed from the plurality, as well as arbitrating communications behavior.

6

IV.   BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 is a depiction of hardware suitable for performing the present invention;

FIG. 2 is a communications overview of the present invention.

FIG. 3 is a data and communications dependency diagram for the controller

5   group channel structure of the present invention.

FIG. 4 is a flow chart of the central controller loop communications for the

controller computer.

FIG. 5 is a client channel data structure and information flow diagram of the

present invention.

10   FIG. 6 is a participator software out-of-band multimedia information flow diagram

of the present invention.

FIG. 7 is an illustration of a login/password screen of the present invention.

FIG. 8 is an illustration of a confirmation screen of the present invention.

FIG. 9 is an illustration of a channel list area screen of the present invention.

15   FIG. 10 is an illustration of a New Channel option pull-down menu screen of the

present invention.

FIG. 11 is an illustration of a member on a new channel screen of the present

invention.

FIG. 12 is an illustration of a second member on the new channel screen of the

20   present invention.

FIG. 13 is an illustration of a communication on the new channel screen of the

present invention.

FIG. 14 is an illustration of a private message window on the new channel

screen of the present invention.

7

FIG. 15 is an illustration of a private message displayed on the private message window on the new channel screen of the present invention.

FIG. 16 is a further illustration of the private message on the private message window on new channel screen of the present invention.

5   FIG. 17 is an illustration of an attribute revocation on the new channel screen of the present invention.

FIG. 18 is a further illustration of the new channel screen of the present invention.

FIG. 19 is an illustration of the channel list window screen of the present

10   invention.

FIG. 20 is an illustration of the toggle posting option on a screen of the present invention.

FIG. 21 is an illustration of a moderated version of the new channel screen of the present invention.

15   FIG. 22 is an illustration of a communication on a moderation window screen of the present invention.

FIG. 23 is an illustration of the communication passed on to the moderated version of the new channel screen of the present invention.

FIG. 24 is an illustration of a communication, for sending a graphical multimedia

20   message, on to the moderated version of the new channel screen of the present invention

FIG. 25 is an illustration, showing the name of the URL, on a moderated version of the new channel screen of the present invention.

FIG. 26 is an illustration of data associated with the graphical multimedia message on a moderated version of the new channel screen of the present invention.

FIG. 27 is an illustration of a proprietary editor, suitable for a dialog to change tokens, on a screen of the present invention.

FIG. 28 is an illustration of a text-based interface login/password screen of the present invention.

5   FIG. 29 is an illustration of a text-based interface group screen of the present invention.

FIG. 30 is another illustration of a text-based interface group screen of the present invention.

FIG. 31 is another illustration of a text-based interface group screen of the

10   present invention.

FIG. 32 is an illustration of a text-based interface private message screen of the present invention.

FIG. 33 is another illustration of a text-based interface private message screen of the present invention.

15   FIG. 34 is another illustration of a text-based interface group with moderator screen of the present invention.

9

V.   DETAILED DESCRIPTION OF THE DRAWINGS

In providing a detailed description of a preferred embodiment of the present

invention, reference is made to an appendix hereto, including the following items.

5   Appendix Contents

                          ALLUSER C
                          ALLUSER H
                          CHANNEL C
10   CHANNEL H
                          CHANNEL HLP
                          CLIST   C
                          CLIST   H
                          CLIST   HLP
15   EDITUSER C
                          EDITUSER H
                          ENTRYFRM C
                          ENTRYFRM H
                          ENTRYFRM HLP
20   HELP   C
                          HELP   H
                          HELPSCR C
                          HELPSCR H
                          LINEEDIT C
25   LINEEDIT H
                          LIST   C
                          LIST   H
                          LOGIN   HLP
                          MAIN   C
30   MAKEFILE
                          MESSAGE C
                          MESSAGE H
                          MODERAT HLP
                          PRIVATE C
35   PRIVATE H
                          PRIVATE HLP
                          SOCKIO C
                          SOCKIO H
                          STR   C
40   STR   H
                          UCCLIENT
                          USER   C
                          USER   H
                          WINDOW C

10

WINDOW H

While platform controlled embodiments are within the scope of the invention, it is

particularly advantageous to have a platform independent embodiment, i.e., an embodiment

that is byte code compiled.

5   Referring now to FIG. 1, the overall functioning of a computerized human

communication arbitrating and distributing System 1 of the present invention is shown with odd

numbers designating hardware or programmed hardware, and even numbers designating

computer program logic and data flow. The System 1 includes a digital Controller Computer 3,

such as an Internet service provider-type computer. The Controller Computer 3 is operating

10   with an operating system.

System 1 also includes a plurality of digital Participator Computers 5, each of

which may be an IBM-compatible personal computer with a processor and a DOS operating

system. Each of the Participator Computers 5 includes an Input Device 7 for receiving human-

input information from a respective human user. The Input Device 7 can be, for example, a

15   keyboard, mouse or the like. Each of the Participator Computers 5 also includes an Output

Device 9 for presenting information to the respective user. The Output Device 9 can be a

monitor, printer (such as a dot-matrix or laser printer), or preferably both are used. Each of the

Participator Computers 5 also includes a Memory 11, such as a disk storage means.

The System 1 includes a Connection 13 located between, so as to link, the

20   Controller Computer 3 with each of the Participator Computers 5. The Connection 13 can be

an Internet or more particularly, a World Wide Web connection.

The Controller Computer 3 is running and under the control of Controller

Software 2, which directs the Controller Computer 3 to arbitrate in accordance with predefined

rules including a user identity, which ones of the Participator Computers 5 can interact in one of

11

a plurality of groups through the Controller Computer 3 and to distribute real time data to the respective ones of the groups.

The Participator Computers 5 are each running and under the control of Participator Software 4, which directs each of the Participator Computers 5 to handle a user

5   Interface permitting one said user to send a multimedia information Message 8 to the Controller Computer 3, which arbitrates which of the Participator Computers 5 receives the multimedia information Message 8 and which conveys the multimedia information Message 8 to the selected participator computers 5 to present the multimedia information Message 8 to the respective user.

10   The present invention comprehends communicating all electrically communicable multimedia information as Message 8, by such means as pointers, for example, URLs. URLs can point to pre-stored audio and video communications, which the Controller Computer 3 can fetch and communicate to the Participator Computers 5.

Turning now to FIG. 2, there is shown a communications overview of the present

15   invention. Beginning with the Controller Computer Software 2, reference is made to Block 10, which illustrates demultiplexing and multiplexing operations carried out by message type on API messages of all types. Block 10 links to Block 12, which is illustrative of channel A.... Block 10 also links to Block 14, which illustrates handling private message A. Block 10 also links to Block 16, illustrative of handling out-of-band media. Block 10 additionally links to Block 18,

20   which illustrates asynchronous status messages.

Multiple connections between the controller computer 3 and a plurality of participator computers 5 permit communication implemented via the interplay of controller software 2 and participator software 4. With particular regard to the participator software 4 illustrated in FIG. 2, Block 20 is illustrative of demultiplexing and multiplexing operations carried

out by message type on API messages of all types. Block 20 links to Block 22, which is

illustrative of channel A.... Block 20 also links to Block 24, which illustrates handling private

message A. Block 20 also links to Block 26, illustrative of handling out-of-band media via Block

28, which is illustrative of a Web browser or auxiliary computer program. Block 20 also links to

5   Block 30, which illustrates asynchronous status message handling via Block 32, illustrative of

user interface objects windows and screens.

De/multiplexing via API provides a "virtual connection" between Channel, Private

Message, and Multimedia objects in the controller computer 3 and each participator computer

5. An alternate architecture is to allow for a separate connection between each object so that

10   multiplexing/demultiplexing is not necessary and each object handles its own connection. This

would influence system performance, however.

Turning now to FIG. 3, a data and communications dependency diagram

controller group channel structure is illustrated. Beginning from what is designated as a portion

of Block 10 the logic flows to Block 34 to consider JOIN, LEAVE, STATUS, SETCHAN API

15   instructions. Block 34 examines member list maintenance instructions, accessing Block 36 to

check permissions, list users, and change attributes. Note the exploded window 38 shows a

display of member information including a user's name, personal information, and

attributes/properties/permissions (operations involving the subsequently discussed tokens), i.e.,

stored per channel attributes under each member. In any case, confirmation or denial of

20   access is communicated via Block 40 for multiplexing return of status messages to a target

object.

From the portion of Block 10, the logic flows to Block 42 for MESSAGE and

MODMSG API instructions. Block 42 tests which of the two instructions were received, and for

MODMSG, the logic flows to Block 44, which tests whether the user is a moderator. If the user

is not a moderator, the logic flows to Block 46, which sends a denial message through Block

40. If, however, the in Block 44 the user is a moderator, the logic flows to Block 48 for a repeat

to all list members who are permitted to see the message, via Block 40.

Returning to Block 42, if MESSAGE is detected, the logic flows to Block 50,

5   which tests whether a user has post permission. If the user has post permission, the logic flows

to Block 48, etc. If the user does not have post permission, the logic flows to Block 52 to

forward the message to moderators for approval, via Block 40.

Additionally, the logic flows from Block 10 to Block 54 for a URL API instruction.

Block 54 tests whether the user has graphical multimedia communication privileges, and if not,

10   the logic flows via Block 56, which sends a denial message via Block 40. Otherwise, if the user

does have graphical multimedia communications privileges in Block 54, Block 58 sends

graphical multimedia information to all approved users via Block 40.

Turning now to FIG. 4, central controller loop communications is illustrated. For

the data on central poll point 58 (see Appendix POLL_POINT), a "do" loop begins at Block 60

15   for each connection. Block 62 tests whether bytes are available on the data stream. If they

are, the bytes are added to user space FIFO per connection at Block 64, leading to Block 66,

which tests whether there are any more connections. Note that in FIG. 4, if there are no more

bytes available in Block 62, the logic skips to Block 66, and if Block 66 is not finished with all

connections, the loop returns to Block 62. When all connections have been completed in Block

20   62, the logic flows to Block 68, which looks for an available complete data instruction for any

connection by extracting packets byte-wise from the FIFO. Thereafter, Block 70 tests whether

there is a complete response available from the participator computer. If the response is

complete, the logic flows to Block 72 which, using a command type, demultiplexes into an

appropriate object (output FIFOs may be filled here for any connection). The logic from Block

14

72 joins the "no" branch from Block 70 at Block 74, which enables unblocking for writing

connections for only connections with data available to write, looping back to Block 58.

     FIG. 5 shows a client channel data structure and information flow diagram. From

a message that is demultiplexed by message type, there are six possibilities: ERROR

5   MESSAGE, MESSAGE, STATUS, JOINCHANNEL, LEAVECHANNEL, and MODMSG.

ERROR MESSAGE is communicated to Block 76, where the error message is displayed to the

transcript in the transcript area of Block 78. MESSAGE is communicated to Block 80 where the

message is immediately added to the transcript in transcript area 78. STATUS is

communicated to Block 82 to update user data structure; JOINCHANNEL is communicated to

10   Block 84 to add a user from the member list and display the change; and LEAVECHANNEL is

communicated to Block 86. From Block 82, Block 84, and Block 86, the logic flows to Block 88,

which includes a member list, a member identifier, known attributes / permissions / properties,

and personal information. From Block 88, the logic proceeds to Block 90, a member list area,

and on to Block 92 to compose a request to change a member attribute. This "SETCHAN

15   request is then communicated to Block 94, which is the multiplexer leading to the controller

computer connection.

    MODMSG is communicated to Block 96, which sends the message to the

moderation area of Block 98, and then to Block 100 to resubmit a member message as

approved, thereby conveying a MODMSG request to Block 94.

20   Note that a response is prepared in the response area of Block 102. If the

response is a standard message, it is conveyed to Block 104 to compose the response into a

controller message, thereby sending a MESSAGE request to box 94. If, however, the message

is a graphical information submission, the logic flows from Block 102 to Block 106 to compose

the graphical information submission into a controller message, thereby sending a URL request

to Block 94.

FIG. 6 is a participator software out-of-band multimedia information flow diagram, which begins with Block 26, the multimedia type patch point. Block 26 leads to Block 102, which tests whether there is an internally handlable multimedia type. If not, Block 104

5   looks up a suitable agent for data type presentation, which leads to Block 106, which tests whether an agent was found. If not, Block 108 reports location of data to the user for future referencing. If the agent is found in Block 106, the logic flows to Block 110, which invokes the agent with a data reference to present the data.

If the multimedia type is internally handlable from Block 102, the logic flows to

10   Block 112, which tests whether this is a member associated image. If it is a member associated image, Block 114 displays the image next to member identity information, and if it is not, the logic flows to Block 116, which tests if this is a member public data reference (e.g., a URL). If a URL is detected at Block 116, Block 118 invokes an external data type viewer only on demand of the operator of the participator software, and otherwise Block 120 stores the

15   reference for future use by the operator of the participator software, or treats the reference as an externally handled multimedia type (at the user's option).

With further regard to the manner of interaction between the controller computer 3 and the participator computers 5, and their respective computer programs 2 and 4, includes a moderation capability that is controlled, or arbitrated, pursuant to system 1 recognizing user

20   identity. Note that using the user identity for moderation purposes is a use additional to the use of the user identity for security purposes.

One embodiment of the present invention is to bring chat capability to the internet and World Wide Web. However, another embodiment involves non-internet relay chat. In either embodiment, System 1 is state driven such that synchronous and asynchronous

16

messages can be communicated. For an asynchronous notification, each message is sent through the system 1 (API), which updates the information on the output device of the participator computers 5. For a synchronous notification, a participator computer 5 must interrogate the system 1 for a message.

5   With regard to the arbitrating of the controller computer 3 is directed by the controller computer program 2 to use "identity tokens", which are pieces of information associated with user identity. The pieces of information are stored in memory 11 in a control computer database, along with personal information about the user, such as the user's age. The control computer database serves as a repository of tokens for other programs to access,

10   thereby affording information to otherwise independent computer systems. In the database, the storage of tokens can be by user, group, and content, and distribution controls can also be placed on the user's tokens as well as the database.

         Each token is used to control the ability of a user to gain access to other tokens in a token hierarchy arbitration process. The arbitration also includes controlling a user's ability

15   to moderate communications involving a group or subgroup of the participator computers 5. Once in a group, temporary tokens are assigned for priority to moderate/submoderate groups (a group is sometimes known as a channel in multiplexing terminology).

         Accordingly, tokens are used by the controller computer 5 to control a user's group priority and moderation privileges, as well as controlling who joins the group, who leaves

20   the group, and the visibility of members in the group. Visibility refers to whether a user is allowed to know another user is in the chat group.

         Tokens are also used to permit a user's control of identity, and in priority contests between 2 users, for example, a challenge as to whether a first user can see a second user.

17

Censorship, which broadly encompasses control of what is said in a group, is also arbitrated by means of the tokens. Censorship can control of access to system 1 by identity of the user, which is associated with the user's tokens. By checking the tokens, a user's access can be controlled per group, as well as in giving group priority, moderation

5 privileges, etc.

Censorship also can use the tokens for real time control of data (ascii, text, video, audio) from and to users, as well as control over multimedia URLs - quantity, type, and subject.

With regard to controlling communications in a group (which is in essence a

10 collection of user identities), control extends to seeing messages, seeing the user, regulating the size of the communication, as well as the ability to see and write to a specific user. Control further extends to the ability to send multimedia messages.

Note that tokens for members in group can involve multiples formed in real time, say, within the span of a conversation. For example, for private communication, tokens are

15 immediately formed to define a group of 2 users. Hierarchical groups within groups can also be formed, with each inheriting the properties of the group before it. Thus, a subgroup can include up to all members or more by adding any surplus to the former group.

With further regard to the controller computer 3, e.g., a server, information is controlled for distribution to the user interfaces at selected ones of the participator computers 5.

20 The controller computer program, in one embodiment, can be a resident program interface (such as a JAVA application). There can be a token editor object (window/tear down, etc.) per group, private communication, user, channel listings, user listings, etc. Each can link up in a token hierarchy for arbitration control.

The controller computer 3, by means of the controller computer program 2,

keeps track of states and asynchronous messages as well as generating a synchronous message as a user logs in or interrogates system 1.

With regard to multimedia information messages 8, such messages are of independent data types, e.g., audio/video data types. The content of the message (e.g., a
5 URL) permits the System 1 to automatically determine the handling of the message: either the Controller Computer 3 passes the content of Message 8 directly, or the Controller Computer 3 determines from the Message 8 how to find the content, say via Netscape. Accordingly, Message 8 can communicate video and sound (or other multimedia, e.g., a URL) to users, subject only to the server arbitration controls over what can be sent.

10 Turning now to an illustration of using the invention, the session starts with verifying the user's identity (at FIG. 7). The login/password screen is shown, and the user enters his/her assigned login/password combination and clicks the "Login To Chat" button. If the password was entered correctly, a confirmation box appears on the screen.

Then the channel list area is shown at FIG. 8. The Channel List area is a
15 window which shows a list of all of the groups currently on the server in active communication. Because no one is yet connected in this example, there are no groups currently available on the screen.

To create a new group, the "New Channel" option is selected from a pull-down menu (at FIG. 9). The name of the channel is entered by the input device 7.

20 If the user has permission (this one does), a new channel is created for the group (at FIG. 10). The window that displays the channel area has three regions: the bottom region, where responses are entered; the largest region, where a transcript of the communication is followed; and the rightmost region, which lists the group's current members. This list is continuously updated with asynchronously generated status messages received

19

immediately when a new member joins the group. Only "DMARKS" is currently in this group. The "MWU" is the properties currently associated with DMARKS - the ability to moderate, write to the channel, and send multimedia messages.

A new member has joined the channel, and the member list status area is

5 updated right away (at FIG. 11). This new member has a login of "ME."

The user DMARKS now types "hello there" into the response area and presses RETURN (at FIG. 12). This message is passed to the controller computer 5, which sends the message to all channel members, i.e., those using participator computers 5, including DMARKS.

10 The user ME now sends a message to the controller: "hi there" (at FIG. 13). This message is also sent to all members by the controller computer 5. Now user DMARKS clicks (using input device 7, a mouse) on the name of the user "ME" in the member list window. The participator software 4 will now create a private message window, so that the users ME and DMARKS can exchange private messages. Private messages are only sent to the

15 intended recipient by the controller, and no one else.

A private message window appears in response to DMARKS's request to open private communications with ME (at FIG. 14). Now DMARKS types a message into the private message window's response area to ME: "this message is seen only by the user ME." When complete, the participator software 4 will forward this message to the controller computer 3.

20 In response, the user ME has entered "This is the private message response that is only seen by the user DMARKS," which has been forwarded to user DMARKS (at FIG. 15). This message is displayed immediately on DMARKS's window.

DMARKS now returns to the channel window for the group "TESTCHANNEL" (at FIG. 16). To modify the permission attributes associated with user ME on the channel TEST

20

CHANNEL, DMARKS (who is a moderator of the channel), clicks on the user ME in the member list to select ME, pulls down the Moderator menu, and selects "Toggle Moderator." This removes the moderator privileges from ME.

5   As a result of the attribute revocation, the "M" has disappeared from next to ME's name in the member list (at FIG. 17), indicating that the property is no longer associated with the user ME.

Now DMARKS returns to the Channel List window (at FIG. 18). DMARKS wishes to fully moderate the contents of the channel TESTCHANNEL, censoring all unwanted communications to the channel. DMARKS returns to the channel list, and selects the channel
10   TESTCHANNEL by clicking on its name in the channel list.

Now DMARKS selects the "Toggle All Posting" option in the Maintenance pulldown menu (at FIG. 19). This will turn off the channel property "posting," (or sending communications to the channel without moderator approval) which will be indicated by the removal of the letter "P" from next to the name TESTCHANNEL (at FIG. 20).

15   Now the letter "P" is removed from after the name TESTCHANNEL in the Channel List window (at FIG. 21), indicating that this channel is now moderated and will only have free posting ability by designated members.

Now, type user ME (who is also on channel TESTCHANNEL) wishes to send communications: "this will not be written directly to the channel" (at FIG. 22). The controller,
20   instead of sending it immediately to the channel to be seen by all members, will instead forward the message to the moderators for approval. The moderator, DMARKS, will then see the message on the Moderation Window, which provides a preview of any messages to be sent. To approve a message for general viewing, DMARKS now clicks on the message.

Now that DMARKS has clicked directly on the message, it is displayed inside the

21

group's Channel window for all members to see (at FIG. 23).

        DMARKS now wishes to send a graphical multimedia message. This implementation sends graphical multimedia images by allowing a channel member to specify an Internet URL of a graphical multimedia resource to be presented to the group members. In this

5   example, DMARKS wishes to send the URL corresponding to the World Wide Web home page of American Information Systems, Inc. to the channel members. DMARKS enters the URL into the response window, and selects "Send URL" from the Moderator pull-down menu (at FIG. 24).

        The controller computer 5 now passes the URL to the channel members. This

10   participator software 4 performs two actions in response to the graphical multimedia display request. The first is to put the name of the URL onto the transcript of the group's channel, so that it can be read by group members. The second response is to have the participator software show the data associated with the graphical multimedia message in a human interpretable way (at FIG. 25). To do this, the participator software 6 either uses built in rules to

15   decide how the graphical multimedia data is to be presented, or locates another program suitable to present the data. In this case, the software 6 is utilizing Netscape NavigatorÔ, a program for displaying graphical multimedia documents specified by a URL (at FIG. 26). Inside the Navigator window, the graphical multimedia content, the home page of AIS, is shown.

        Finally, DMARKS wishes to manually modify the attribute tokens associated with

20   the user (at FIG. 27). The user invokes the Property Editor dialog, which allows the user to view and change the tokens associated with a user. A property of a given user is determined by the Identifier and Property names. An old value of the property is shown, and a token value can be changed in the "New Value" field. With this property editor, a user with sufficient permissions (tokens) can change any of the tokens or security parameters of any user, or a

user's ability to change security parameters can be restricted.

To start with an alternate embodiment using a text-based interface, a user is presented by the login/password screen (at FIG. 28). This screen is where a user enters the information that proves his/her identity. The user must now enter his/her login and password to
5   identify themselves.

After the user has been identified by the controller the Channel List screen appears (at FIG. 29). The names of channels and their associated properties are shown on this screen. By using the arrow keys and highlighting the desired channel, ME may enter any publicly joinable group. Currently, there is only one group TESTCHANNEL, which ME will join.
10   Now the screen for the channel TESTCHANNEL appears (at FIG. 29). The screen is split into four regions. The bottom left region is the response line, where messages users wish to enter appear. The upper left region is the transcript area where the communications of the group's channel appear as they occur. The upper right region is the Member List region, where a continuously updated list of members' names appear, with their
15   attributes.

A message appears in the transcript area. The controller has forwarded a message to the group from DMARKS, "hello there" (at FIG. 31), which is seen by all members of the group, including ME. Now ME will respond, by entering "hi there" into the response area.

When ME is finished entering his response, the participator software forwards
20   the response to the controller, which sends it to the members of the channel. In the transcript area, the participator software notifies the user that it has received a private message from DMARKS, which is waiting inside the private message screen. To see the private message, ME presses the private message screen hot key.

A private message screen appears (at FIG. 32), and the private message from

23

DMARKS is at the bottom of the transcript area. Now to reply, ME types his response into the response area.

Now ME will return to the screen for the channel TESTCHANNEL. The member list area has changed because DMARKS has revoked ME's moderator permission. ME is no

5 longer permitted to see the permissions of other users, so this information has been removed from his display (at FIG. 33). The only information he can see now is who is moderator (at FIG. 34). A "*" next to the identifier of a member of the group indicates the member is a moderator of the group. ME is no longer a moderator, and therefore a "*" does not appear the identifier ME.

10 To further exemplify the use of the present invention, the following is a transcript of communications produced in accordance herewith.

POWERQUALITY JOHNMUNG: unclear about meaning of "first contingency"

POWERQUALITY SAM: mike, that is correct on IEEE 519

15 POWERQUALITY SKLEIN: In assessing network security (against outage) the first contingencies are tested to see how the power system should be reconfigured to avoid getting a second contingency and cascading into an outage.

POWERQUALITY MSTEARS: These outages point out the need for reliability as part of the overall customer picture of PQ

20 POWERQUALITY BRIAN: Hi Jennifer, hit crt-p for private messagae

POWERQUALITY SKLEIN: In simpler terms, a single point failure shouldn't crash the system.

POWERQUALITY SKLEIN: Are we all chatted out?

POWERQUALITY ANDYV: brian, johnmung has been banned!!! why?

POWERQUALITY BRIAN: no way, new subject

24

POWERQUALITY BRIAN: just a sec, andy

POWERQUALITY BRIAN: No banning on this channel, John is back on

POWERQUALITY TKEY: ieee 519 limits the harmonic current a customer can inject back into

the pcc and limit the   vthd the the utility provides at the PCC

5   POWERQUALITY JOHNMUNG: thanks guys, for unbanning me- i've been thrown out of better

places than this!

POWERQUALITY BRIAN: New subject...now...

POWERQUALITY BRIAN: good one john.... :)

POWERQUALITY MSTEARS: For critical facilities dual feeds or other backup capability need to

10   be economically evaluated to keep the facility in operation

POWERQUALITY SAM: John, I remember that club very well

POWERQUALITY JOHNMUNG: question: please comment on frequency of complaints

involving spikes, sags or harmonics

POWERQUALITY WARD: Problems caused by sags is the main complaint.

15   POWERQUALITY BRIAN: What subject does anyone want to see the next chat

POWERQUALITY WARD: Surges is probably next; harmonics really don't cause that many

problems, although they are certainly there.

POWERQUALITY ANDYV: what is the solution ward?

POWERQUALITY TKEY: Agree they are the most frequent (sags) and the panel sesion on the

20   cost of voltage sags at PES drew 110 people

POWERQUALITY SAM: harmonics tend to be an interior problem within a facility,rather than on

the distribution system

POWERQUALITY WARD: The best solution is making the equipment less susceptible to sags.

This requires working with the manufacturers.

25

POWERQUALITY ANDYV: won't that cost more

POWERQUALITY MSTEARS: The complaint of surges covers many things in the customers

eyes sags have become a real problem because they are harder to resolve

POWERQUALITY GRAVELY: John-The latest EPRI results confirms the 90+ % of the time

5   SGS are the problem and short term ones.

POWERQUALITY WINDSONG: What is the topic for the 25??

POWERQUALITY WARD: Each problem can be dealt with as it occurs, but the time involved

gets very expensive.

POWERQUALITY JOHNMUNG: making equipment less susceptible causes legal problems for

10   manufacturers- as each improvemnt can be cited by compinant as example of malfeasance

POWERQUALITY WARD: AndyV: The cost to the manufacturer increases. The overall cost to

everyone involved decreases.

POWERQUALITY TKEY: customer pays any way you cut it, if the eqpt is more immune

customers pay only once instead of every time the process fails

15   POWERQUALITY BRIAN: The topic is regarding Power Quality

POWERQUALITY BRIAN: This chat is available for everyone 24 hours a day

POWERQUALITY ANDYV: ddorr>>will the manufacturer spend more to produce a better

product

POWERQUALITY WARD: And as Tom says, the cost to the customer is far less.

20   POWERQUALITY BRIAN: This chat will be functioning 24 hrs/day

POWERQUALITY BRIAN: please usae it

POWERQUALITY BRIAN: The next panel discussion is Nov 15th

POWERQUALITY WARD: Andy, that's where standards come in.

POWERQUALITY SKLEIN: Is the customer capable of resolving the fingerpointing among the

26

manufacturers and utilities?

POWERQUALITY DDORR: andy, only if the end userss create a market for pq compatible eqpt by demanding better products

POWERQUALITY MSTEARS: The manufacturers problems in including fixes is being

5 competative with some who doesn't provide the fix

POWERQUALITY ANDYV: how will we educate the general consumer?

POWERQUALITY GRAVELY: Is it possible to have a basic theme topic or some core questions for 15 Nov chat?

POWERQUALITY WARD: Stan, the customer cannot be expected to resolve the fingerpointing.

10 The manufacturers and utilities need to work together.

POWERQUALITY ANDYV: about power quality and reliability?

POWERQUALITY SKLEIN: If electric power is going to be treated as a fungible commodity, there has to be a definition. Like, everyone knows what number 2 heating oil is.

POWERQUALITY SAM: Ideally a manufacturer would not be able to compete if they don't add

15 the protective function in their products, but alot more public education is required before we get to this point.

POWERQUALITY WARD: Andy, there are many ways to educate the customers, but they require a lot of contact between the utility and the customers. The Western Resources Power Technology Center in Wichita is doing it, just as an example.

20 POWERQUALITY DDORR: standard power vs premium power is one solution as is std qpt vs Pq compatible eqpt

POWERQUALITY SKLEIN: I want to buy number 2 electric power and to be able to check the nameplates of my appliances to be sure they can take it. Just like I buy regular gasoline.

POWERQUALITY MSTEARS: Sam - I agree, that is partly the utilities responsibilitysince we

27

serve the customers

POWERQUALITY BBOYER: What differentiates number 2 from number 1?

POWERQUALITY SKLEIN: I used the analogy of number 2 heating oil. I don't know what

number 1 heating oil is.

5   POWERQUALITY DDORR: Number two has cap switching and all the normal utility operational

events while number one is much better

POWERQUALITY SKLEIN: Perhaps we can just say regular vs high test.

POWERQUALITY SAM: mike, yes a joint effort between the utiliy, manufacturer and standards

juristictions is a goal for utilicorp as we move forward with offering from our strategic marketing

10   partners, and bring PQ technologies to the public

POWERQUALITY TKEY: We are finding that many mfgrs want to produce pq compatible

equipment, but they have no clue as to what to test for

POWERQUALITY ANDYV: Tom>>will the IEC standards help?

POWERQUALITY TKEY: Its up to the utility to help define normal events IEC will take time

15   POWERQUALITY SKLEIN: You can't have a commodity product with all the variation in

specifications we have been discussing. It has to be regular, premium, and super premium or it

won't work.

POWERQUALITY JOHNMUNG: Tom as a former manufacturer i sympathize--your work at

PEAC is invaluable but anecdotal knowledge from utility people on the firing line is equally

20   important

POWERQUALITY TKEY: Super premium, does that mean a UPS?

POWERQUALITY ANDYV: how do you stop a facility from affecting you super-premium power?

POWERQUALITY TKEY: John, Good Point

POWERQUALITY SAM: Tkey, a ups, local generation or redundant service

28

POWERQUALITY SKLEIN: This is what I meant earlier by electricity being a non-virtualizable service. You can't make each customer see the power system as though they had their own dedicated generating plant.

POWERQUALITY BRIAN: THE CHAT CHANNEL WILL BE OPEN 24/HRS/DAY 7 DAYS A

5   WEEK

POWERQUALITY TKEY: I must sign out for about 5 minutes but I'll be back

POWERQUALITY BRIAN: OK TOM

POWERQUALITY MSTEARS: PQ for facilities need to be done with a system perspective to to get the right resolution

10 POWERQUALITY BBOYER: Andy's question is still relevant - how do stop a facility from downgrading utility service to other customers?

POWERQUALITY BRIAN: MIKE>>LETS SWITCH BACK TO RETAIL WHEELING

POWERQUALITY WARD: You work with that customer to do whatever is needed to correct their disturbances.

15 POWERQUALITY BBOYER: Be more specific

POWERQUALITY MSTEARS: Interaction between facilites can be evaluated and designed for

POWERQUALITY JOHNMUNG: as a key to hardening it helps to identify the most sensitive circuits, i.e. microprocessor logic, test for vulnerability under common surges, sags, rfi, and then notify users that their equipment contains these subsystems- for a start

20 POWERQUALITY BRIAN: hI DOUG

POWERQUALITY GRAVELY: Brian: Are you saving this session as a file? Can we get a list of chat session participants?

POWERQUALITY BRIAN: s, we may

POWERQUALITY DMARKS: gravely: hit TAB and use the arrow keys to page through the list

29

of participants

POWERQUALITY SKLEIN: Will the session be available for downloading?

POWERQUALITY BRIAN: yes, Mike we will publish in PQ Magazine

POWERQUALITY WARD: Part of the agreement for high quality power should be that the

5   customer receiving the power will not disturb the utility system.

POWERQUALITY BRIAN: if john let's us.....

POWERQUALITY GRAVELY: I tried that, however, netcruiser has a software problem and I

cannot see all of the names.

POWERQUALITY SAM: most utilities rules and regulations already require that a customer not

10   put anything back out on the utility system

POWERQUALITY BRIAN: MIKE G.>>WE WILL PUBLISH THIS IN PQ MAG NEXT MONTH IF

ASNDY LETS US

POWERQUALITY BRIAN: HOW ABOUT IT ANDY?

POWERQUALITY ANDYV: ok

15   POWERQUALITY BRIAN: COOL

POWERQUALITY WARD: Standards will have to be set for what constitutes a disturbance, and

then the utility should work with customers, install filters, etc., to be sure they stay within the

rules.

POWERQUALITY BRIAN: THANKS ANDY

20   POWERQUALITY ANDYV: a meeting review or a sumary of events

POWERQUALITY GRAVELY: It would be good to take a few minutes to recommend how the

15 Nov session could be more effective.

POWERQUALITY BRIAN: A SYNAPSE OF THIS CHAT WILL BE IN NEXT MONTHS PQ MAG

POWERQUALITY WINDSONG:

30

POWERQUALITY SKLEIN: I don't get PQ mag. Will it be on the Net?

POWERQUALITY BRIAN: STAN SIGN UP FOR IT ON OUR HOME PAGE

POWERQUALITY DOUGC: the transcript of this conference will be available on the EnergyOne

pages.

5   POWERQUALITY BRIAN: YOU CAN SIGN UP ON LINE

POWERQUALITY BRIAN: HTTP:// WWW. UTILICORP.COM

POWERQUALITY WINDSONG: Good comment Gravely Comments from the users would be

greatly appreciated!!

POWERQUALITY SAM: PQ magazine is available online on the UCU internet bulletin board,

10   http:// www. utilicorp.com

POWERQUALITY ANDYV: or link from powerquality.com

POWERQUALITY BRIAN: YOU CAN GET A FREE MAG SUBSCRIPTION FROM

UTILICORP'S HOME PAGE

POWERQUALITY SKLEIN: Thanks

15   POWERQUALITY BRIAN: ALSO, THERE IS A PQ FORUM ON OUR HOME PAGE

POWERQUALITY JOHNMUNG: for nov 15 shall we pick five key topics? suggest health care,

energy storage rfi/emc as a few topics--also new gas turbine 25 kw generator just announce

today-- just some suggestions

POWERQUALITY BRIAN: GOOD SUGGESTION JOHN

20   POWERQUALITY ANDYV: lets develop an outline of topics for next time.

POWERQUALITY BRIAN: OK

POWERQUALITY GRAVELY: One suggestion for 15 Nov--Have participants place a list of

desired topics on your other chat box and prioritize by interest level.

POWERQUALITY SKLEIN: How about deregulation and retail wheeling.

31

POWERQUALITY BRIAN: COMMENTS SHOULD BE SENT TO ME BY EMAIL

POWERQUALITY BRIAN: BSPENCER@UTILICORP.COM

POWERQUALITY BRIAN: 15 minutes remaining

POWERQUALITY ANDYZYREK: Let's discuss the new standard IEEE 1159.

5   POWERQUALITY ANDYV: may be we could generate an online questionaire to see what

people are needing discussed.

POWERQUALITY BRIAN: but the chat is available for 24 hrs/day 7 days a week

POWERQUALITY ANDYV: what does IEEE1159 address?

POWERQUALITY BRIAN: Please send all suggestion to me for our next chat

10   POWERQUALITY BRIAN: Bobbin is not banned now

POWERQUALITY BRIAN: my fault

POWERQUALITY ANDYZYREK: New PQ measuring techniques. We have not received our

issue yet.

POWERQUALITY ANDYV: You should have it my now.

15   POWERQUALITY BRIAN: Bobbin is not banned anymore

POWERQUALITY ANDYV: you can e-mail me or john at: editors@powerquality.com

POWERQUALITY BRIAN: is two hours right fdo rhtis feature

POWERQUALITY JOHNMUNG: do i understand that many programmable logic controllers can

be hardened by addition of simple CVT like a sola?

20   POWERQUALITY ANDYZYREK: Yes, but it is being delivered by snail mail.

POWERQUALITY ANDYV: no 2nd class

POWERQUALITY BRIAN: 15 minutes to go

POWERQUALITY ANDYV: Please e-mail me you complete name and addess and I will mail

you one today 1st class.....now is that serice or what?

POWERQUALITY BRIAN: Is two hours long enough for tthis chat?

POWERQUALITY TKEY: Im back

POWERQUALITY WARD: Brian, I think two hours is about right.

POWERQUALITY BRIAN: hi tom

5 POWERQUALITY BRIAN: good...

POWERQUALITY ANDYV: yes I agree 2hrs

POWERQUALITY BRIAN: anyone else

POWERQUALITY ANDYV: it the time of day correct?

POWERQUALITY BRIAN: questions now....

10 POWERQUALITY SKLEIN: The topic foremost in my mind right now is what to eat for lunch. I enjoyed the discussion, which I understand has been historic in some sense. But I think I will sign off now and go eat.

POWERQUALITY SAM: 2 hours seems to work very well

POWERQUALITY DANIELH: time of day is good

15 POWERQUALITY BILLMANN: 2 hrs is fine

POWERQUALITY MSTEARS: Two hours work well, the middle of the day allows east and west coast to be involved

POWERQUALITY BRIAN: good, Will everyone be back for the next chat

POWERQUALITY GRAVELY: Brian, I will forward my recommendations on email, thanks.

20 POWERQUALITY BILLMANN: yes i'll be back

POWERQUALITY ANDYZYREK: Brian, would it be possible to have a forum published on your home page prior to Nov 15 .

POWERQUALITY BRIAN: I would like to do another chat before Nov 15th, any thoughts

POWERQUALITY ANDY: U bet

33

POWERQUALITY SAM: I believe that this chat may set an attendance record for most participants during a first session

POWERQUALITY JOHNMUNG: a parting thought--"harmonics make the music rich, they make the tone insprinng--harmonics in your power line WILL BLOW THE BUILDINGS WIRING" tIM

5   MUNGENAST

POWERQUALITY BRIAN: Your're all invited to return

POWERQUALITY BRIAN: the next chat

POWERQUALITY BRIAN: This chat feature will help set standards of how we view our industry

POWERQUALITY WARD: For me this was two hours very well spent, and it was quite

10   enjoyable.

POWERQUALITY BRIAN: Tell a colleague about our chat Nov 15th

POWERQUALITY BRIAN: Thanks Ward

POWERQUALITY BRIAN: I would like to do this on a weekly basis, any thoughts yet

POWERQUALITY GRAVELY: John: talk it up in Germany!!

15   POWERQUALITY ANDY: I would like to thank utilicorp and everyone envolved.

POWERQUALITY BRIAN: Thanks Andy for your help

POWERQUALITY WARD: Did this notice go out to the Power Globe mailing list?

POWERQUALITY BRIAN: No, but could help us Ward with that

POWERQUALITY BRIAN: Lets all get the word out about this chat

20   POWERQUALITY WARD: I'm on the list and will be glad to forward anything you wish to it.

POWERQUALITY BRIAN: Please use it whenver you wish, even schedule your own chats whenver

POWERQUALITY JOHNMUNG: MANY THANKS TO uTILICORP AND ALL INVOLVED- FROM AN OLD STEAM BOATER :-)

34

POWERQUALITY BRIAN: thanks ward

POWERQUALITY BRIAN: Hi duane

POWERQUALITY BRIAN: This chat is offically over, but do stick around for foir more chatting

POWERQUALITY BRIAN: Thanks to all, cya on Nov 15th

5   POWERQUALITY MSTEARS: Ward, Tom, and John I appreciate your participation

POWERQUALITY BRIAN: Thanks Guys and Ladies!!!!!!!!!!!!

POWERQUALITY SWPPD: WHAT IS HAPPENING ON NOV. 15

POWERQUALITY BRIAN: our next chat with a panel of experts

POWERQUALITY BRIAN: topic yet to be decided

10   POWERQUALITY DPSWOBO: Hi Brian, Sorry I was on the phone and could not respond right

away. Did I get the time incorrectly for the chat?

POWERQUALITY BRIAN: please send us a suggestions

POWERQUALITY ANDY: good bye ;-)

POWERQUALITY BRIAN: Yeah, but stick around to chat with some friends

15   POWERQUALITY BRIAN: We had a total of 50 people and avg of 20 people at one time

POWERQUALITY BRIAN: Thanks everyone!!!Lunch Time

POWERQUALITY BRIAN: Next Chat Nov 15th at 10-12 ct

POWERQUALITY BRIAN: But this chat line is available 24hrs/day/7 days a week

POWERQUALITY BRIAN: Please use it whenever

20   POWERQUALITY GRAVELY: Thanks to the panel and Utilicorp for the session!

POWERQUALITY BRIAN: Talk to your collegues and friends about any particular topic

POWERQUALITY BRIAN: Come see our home page for new topics and chats

POWERQUALITY BRIAN: http:// www. utilicorp.com

POWERQUALITY BRIAN: Thanks Power Quality Assurance Magazine and All our panel

35

members

POWERQUALITY BRIAN: :)

POWERQUALITY SWPPD: MISSED THIS SESSION. ICAN WE GET HARD COPY INFO?

POWERQUALITY BRIAN: yes swwp, it will be published in pq mag and our home page

5   POWERQUALITY BRIAN: catch our next session on nov 15th

POWERQUALITY BRIAN: 10-12 ct

POWERQUALITY SWPPD: THANKS A BUNCH!!

POWERQUALITY SWPPD: GOOD BYE!

POWERQUALITY BRIAN: no prob

10   POWERQUALITY BRIAN: cya

POWERQUALITY DESWETT:

POWERQUALITY TKEY: Good session brian, ddorr and I will be signing off now, look forward

to the next session

POWERQUALITY DPSWOBO: Thanks for the info on the next session, we will get on next

15   time

POWERQUALITY DMARKS: I hope everyone enjoyed this session.

POWERQUALITY MSTEARS: I am logging off Thanks

POWERQUALITY SAM: This is Tony and I am watching the action... we made history. Great

work guys.

20   POWERQUALITY BRIAN: Lunch time

POWERQUALITY BRIAN: Next chat is nov 15th

POWERQUALITY BRIAN: 10-12ct

POWERQUALITY BRIAN: please continuie to look at utilicorp's hp

POWERQUALITY BRIAN: for more info

POWERQUALITY BRIAN: email if you have any questions regarding the chat

POWERQUALITY BRIAN: bspencer@utilicorp.com

POWERQUALITY BRIAN: later

SUPPORT BRIAN: hi guys

5   SUPPORT BRIAN: success

SUPPORT BRIAN: yess!!

SUPPORT BRIAN: thanks for the help

SUPPORT BRIAN: cya

POWERQUALITY BRIAN: next chat on Nov 15th

10   POWERQUALITY BRIAN: 10-12 ct

POWERQUALITY BRIAN: any suggestion on topics please contact me by email

POWERQUALITY BRIAN: bspencer@utilicorp.com

POWERQUALITY BRIAN: hi chuck

POWERQUALITY BRIAN: hi randy

15   POWERQUALITY CPREECS: hello brian

POWERQUALITY BRIAN: How are you chuck

POWERQUALITY CPREECS: how has the participation been?

POWERQUALITY BRIAN: I am sorry you missed the offical chat, but do come back at any time

for some chatting

20   POWERQUALITY BRIAN: great 20 people avg. 50 total people

POWERQUALITY CPREECS: ?yes, i got some conflicting info

POWERQUALITY BRIAN: transcripts will be in PQ mag next month and on utilicorp's home

page

POWERQUALITY CPREECS: what were the topics discussed?

37

POWERQUALITY BRIAN: how is that chuck

POWERQUALITY BRIAN: power quality, standards,

POWERQUALITY BRIAN: retail wheeling

POWERQUALITY BRIAN: cya, lunch time

5   POWERQUALITY CPREECS: later

POWERQUALITY BRIAN: bye all

POWERQUALITY BRIAN: email me chuck

POWERQUALITY RB: sorry I missed it. I got 12-2 est off the net. bye.

POWERQUALITY BRIAN: sorry RB

10   POWERQUALITY BRIAN: miss information

POWERQUALITY BRIAN: next chat is 10-12

POWERQUALITY BRIAN: ct

POWERQUALITY BRIAN: nov 15th

POWERQUALITY BRIAN: bye

15   POWERQUALITY RB: thanks

POWERQUALITY BRIAN: no prob, tell all

POWERQUALITY ANDY: Is anyone still here talking about power quality?

POWERQUALITY DAVE: Just signed on that is what I was trying to find out

POWERQUALITY ANDY: the PQ chat was running from 11:00-1:00est

20   POWERQUALITY ANDY: Were you involved then?

POWERQUALITY DAVE: No I just got a chance to sign on now

POWERQUALITY ANDY: there were some great discussions.

POWERQUALITY ANDY: The transcripts will be available to down load at utilicorp.com Brian

Spencer says.

POWERQUALITY ANDY: What is your experience in PQ

POWERQUALITY DAVE: That is what I was looking for, are they available to down load now, I work in a data center and have worked with UPS systems for about 12 years

POWERQUALITY DAVE: I did field service for Exide

5   POWERQUALITY ANDY: Brian just went to Lunch in KS I don/t know when it will availalbe.

POWERQUALITY DAVE: Thanks for the Info on the downloads, I hope they do this again

POWERQUALITY ANDY: so do I.

POWERQUALITY DAVE: What is your experience on PQ

POWERQUALITY ANDY: I am the editor or Power quality mag.

10   POWERQUALITY DAVE: Good mag., I pick up alot in it

POWERQUALITY ANDY: do your receive power quality assurance magazine?

POWERQUALITY ANDY: great glad to hear it.

POWERQUALITY DAVE: We get it at work but I have asked to have it sent to my home

POWERQUALITY ANDY: did you get the latest issue witht the lighting on the cover?

15   POWERQUALITY DAVE: Not yet, have seen it on line though

POWERQUALITY ANDY: great.

POWERQUALITY ANDY: any suggestion for editorial?

POWERQUALITY DAVE:

POWERQUALITY DAVE: no it is good

20   POWERQUALITY ANDY: ok.

POWERQUALITY ANDY: I am currently editing an article about VRLA battery charging.

POWERQUALITY DAVE: I am working on a resonant problem with Utility and was looking for info

POWERQUALITY ANDY: explain

39

POWERQUALITY ANDY: by the way my e-mail is andy@powerquality.com

POWERQUALITY DAVE: we are running a lot of 5th har. across our system in a large data

center

POWERQUALITY ANDY: I see

5   POWERQUALITY ANDY: I will try to address this in an upcomming issue. may be march/april

or even sooner.

POWERQUALITY DAVE: we have 4800kw of UPS cap on two transformers and we have alot

of 5th on our other boards

POWERQUALITY ANDY: If you are interested in writing up a case history including you

10   solutions I would like to review it and poss. publish

POWERQUALITY MSTONEHAM: Is this chat session still active?

POWERQUALITY ANDY: YES

POWERQUALITY ANDY: We can'nt get enough! ! !

POWERQUALITY DAVE: when we can get it fixed, It looks like we have a problem with input

15   filtering on a couple of UPS,s

POWERQUALITY ANDY: input fro the utility or a generator?

POWERQUALITY DAVE: utility

POWERQUALITY MSTONEHAM: I understand there was a chat session earlier today with

some guest" chatters". Is there an archive of the discussion since I missed it?

20   POWERQUALITY DAVE: we have 66kv to 12kv then to 480 v by 4 trans on property

POWERQUALITY ANDY: What are you leaning towards in a solution dave

POWERQUALITY ANDY: MTONEHAM>>yes but I don't know when. contact

BSPENCER@utilicorp.com

POWERQUALITY DAVE: the computer seem to have no problem, but we have alot of motor

heating / bad PF

POWERQUALITY MSTONEHAM: Thanks!

POWERQUALITY DAVE: we currently are working with a consulant but I am looking for more

info

5   POWERQUALITY ANDY: will capacitors solve your ptoblem

POWERQUALITY ANDY:

POWERQUALITY ANDY: there also is a forum under utilicorp.com where you can post you

questions.

POWERQUALITY DAVE: Each 600kw UPS has Input filtering / may need trap for 5th

10   POWERQUALITY ANDY: or you can access it form powerquality.com

POWERQUALITY DAVE: thanks

POWERQUALITY ANDY: Talk to ya later dave

POWERQUALITY DAVE: is PQ.com your Mag

POWERQUALITY ANDY: bye

15   POWERQUALITY DAVE: bye

POWERQUALITY ANDY: yes

POWERQUALITY DAVE: thanks

POWERQUALITY ANDY: :-)

POWERQUALITY MSTONEHAM:

20   POWERQUALITY MSTONEHAM: Is anyone else hear? There doesn't seem to be much traffic.

POWERQUALITY MSTONEHAM:

POWERQUALITY CILCOJRG: Hello- is the conference over?

POWERQUALITY CILCOJRG:

POWERQUALITY CILCOJRG: hello

41

POWERQUALITY BRIAN: yes

POWERQUALITY BRIAN: the conference was from 10-12 ct

POWERQUALITY BRIAN: someone gave out the wrong information

POWERQUALITY BRIAN: hello cilco

5   POWERQUALITY BRIAN: anyone still there

SUPPORT BRIAN: hi all

SUPPORT BRIAN: anyone there

POWERQUALITY BRIAN: jenny>>are you there

POWERQUALITY CJBOUTCHER: is anyone here a utility employee?

10   POWERQUALITY BRIAN: Hi chris

POWERQUALITY BRIAN: how are you?

POWERQUALITY CJBOUTCHER: hi brian it is quiet in here

POWERQUALITY BRIAN: the conference was at 10:00ct

POWERQUALITY CJBOUTCHER: ah I see

15   POWERQUALITY CJBOUTCHER: when is the next one?

POWERQUALITY BRIAN: nov 15th

POWERQUALITY BRIAN: 10-12

POWERQUALITY BRIAN: ct

POWERQUALITY CJBOUTCHER: is the channel open at other times?

20   POWERQUALITY BRIAN: yes 24 hours a dfay

POWERQUALITY CJBOUTCHER: but not much discussion?

POWERQUALITY BRIAN: not right now,

POWERQUALITY BRIAN: cya

POWERQUALITY CJBOUTCHER: bye

POWERQUALITY BRIAN: hi jenny

POWERQUALITY JOSH: hello?

POWERQUALITY BRIAN: hi dan

POWERQUALITY BRIAN: hi dan

5   POWERQUALITY BRIAN: are you awake yet?

POWERQUALITY BRIAN: just giving present this a.m.

POWERQUALITY BRIAN: :)

POWERQUALITY BRIAN: who is guest96
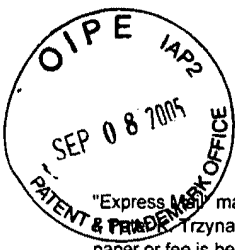
POWERQUALITY GUEST96: test

10   _____

        While a particular embodiment of the present invention has been disclosed, it is

to be understood that various different modifications are possible and are within the true spirit of

the invention, the scope of which is to be determined with reference to the claims set forth

below. There is no intention, therefore, to limit the invention to the exact disclosure presented

15   herein as a teaching of one embodiment of the invention.

ABSTRACT

A system and method communicating via an Internet network, the system including: a plurality of computers connected to a computer system such that one of the plurality of computers, corresponding to a first of the user identities, and an other of the plurality of computers, corresponding to a second of the user identities, can send communications, and some of the communications are received in real time via the Internet. There can be a determination as to whether some of the communications are allowed.
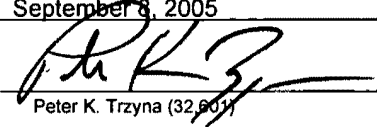
PATENT

Paper No.

File: AIS-P99-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor	:	Daniel L. Marks
Serial No.	:	09/399,578
Filed	:	September 20, 1999
For	:	GROUP COMMUNICATIONS MULTIPLEXING SYSTEM
Group Art Unit	:	2145
Examiner	:	P. Winder

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

INFORMATION DISCLOSURE STATEMENT

S I R :

This Information Disclosure Statement is being filed pursuant to the duty of disclosure, candor, and good faith embodied in 37 C.F.R. §§ 1.56 and 1.97 owed by the inventor, the inventor's assignee substantively involved in the application, and the patent attorney to the United States Patent and Trademark Office. A copy of each citation listed on the PTO Form 1449 is enclosed herewith, or has been provided previously.
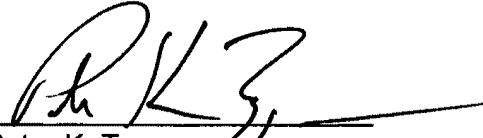
While the Information Disclosure Statement, publications, and other information provided by Applicant may be "material" pursuant to 37 C.F.R. § 1.56, it is not intended that these constitute an admission of "prior art" for this invention. This Information Disclosure

Statement shall not be construed to mean that no other material information, as defined in 37 C.F.R. § 1.56, exists.
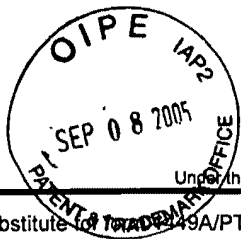
Should any fees be deemed necessary, the Commissioner is authorized to charge any deficiency or to credit any over payment to Deposit Account No. 50-0235.

Respectfully submitted,

Date: September 8, 2005

Peter K. Trzyna
(Reg. No. 32,601)

P.O. Box 7131
Chicago, IL 60680-7131
(312) 240-0824

-2-

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	8

Complete if Known	
Application Number	09/399,578
Filing Date	09/20/1999
First Named Inventor	Marks, Daniel L.
Group Art Unit	2155
Examiner Name	Winder, Patrice L.
Attorney Docket Number	

U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No.[1]	Document Number Number-Kind Code [2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	5,613,056	03/18/1997	Gasper, et al.	
	A2	5,617,539	04/01/1997	Ludwig, et al.	
	A3	5,627,978	05/06/1997	Altom, et al.	
	A4	5,682,469	10/28/1997	Linnett, et al.	
	A5	5,713,019	01/27/1998	Keaten	
	A6	5,721,763	02/24/1998	Joseph, et al.	
	A7	5,729,684	05/17/1998	Kuzma	
	A8	5,754,775	05/19/1998	Adamson, et al.	
	A9	5,784,568	07/21/1998	Needham	
	A10	5,794,006	08/11/1998	Sanderman	
	A11	5,794,210	08/11/1998	Goldhaber, et al.	
	A12	5,801,700	09/01/1998	Ferguson	
	A13	5,802,281	09/01/1998	Clapp, et al.	
	A14	5,822,523	10/13/1998	Rothschild, et al.	
	A15	5,850,442	12/15/1998	Muftic	
	A16	5,880,731	03/09/1999	Liles, et al.	
	A17	5,889,843	03/30/1999	Singer, et al.	
	A18	5,924,082	07/13/1999	Silverman, et al.	
	A19	5,933,599	08/03/1999	Nolan	
	A20	5,941,947	08/24/1999	Brown, et al.	
	A21	5,974,409	10/26/1999	Sanu, et al.	
	A22	5,987,401	11/16/1999	Trudeau	
	A23	6,692,359	02/17/2004	Williams, et al.	
	A24	4,710,917	12/01/1987	Tompkins, et al.	
	A25	4,953,159	08/28/1990	Hayden, et al.	
	A26	5,195,086	03/16/1993	Baumgartner, et al.	
	A27	5,257,306	10/26/1993	Watanabe	
	A28	5,347,306	09/13/1994	Nitta	
	A29	5,465,370	11/07/1995	Ito, et al.	
	A30	5,471,318	11/28/1995	Ahuja, et al.	
	A31	5,491,743	02/13/1996	Shiio, et. al.	
	A32	5,572,248	11/05/1996	Allen, et al.	
	A33	5,572,643	11/05/1996	Judson	

EXAMINER SIGNATURE		DATE CONSIDERED	

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction act of 1995, no persona are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO	Complete if Known	
	Application Number	09/399,578
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date	09/20/1999
	First Named Inventor	2155
	Group Art Unit	2155
	Examiner Name	Winder, Patrice L.
(use as many sheets as necessary))	Attorney Docket Number	

Sheet	2	Of	8

U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A34	5,592,478	01/07/1997	Weiss	
	A35	5,440,624	08/08/1995	Schoof, II	
	A36	5,774,668	06/30/1998	Choquier, et al.	
	A37	5,799,151	08/25/1998	Hoffer	
	A38	5,812,552	09/22/1998	Arora, et al.	
	A39	5,826,085	10/20/1998	Bennett, et al.	
	A40	5,933,599	08/03/1999	Nolan	
	A41	5,956,509	09/21/1999	Kevner	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]

OTHER ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	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
	A42	*Windy City Innovations, LLC v. America Online, Inc.*, Civil Action No. 04 C 4240, "Complaint" filed 6/24/2004.
	A43	*Windy City Innovations, LLC v. America Online, Inc.*, Civil Action No. 04 C 4240, "Notice of Claim Involving a Patent" filed 6/24/2004.
	A44	*Windy City Innovations, LLC v. America Online, Inc.*, Civil Action No. 04 C 4240, "First Amended Answer to the Complaint, and Counterclaim of Defendant America Online, Inc." filed 9/14/2004
	A45	*Windy City Innovations, LLC v. America Online, Inc.*, Civil Action No. 04 C 4240, "Plaintiff's Reply to the First Amended Counterclaim of Defendant America Online, Inc." filed 9/28/2004.
	A46	*Windy City Innovations, LLC v. America Online, Inc.*, Civil Action No. 04 C 4240, "AOL's Supplemental Response to Plaintiff Windy City Innovations, LLC's First Set of Interrogatories (No. 4)" dated April 29, 2005.

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
[1]Applicant's unique citation designation number (optional). [2]See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4]For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5]Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. [6]Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(use as many sheets as necessary))*				Application Number	09/399,578
				Filing Date	09/20/1999
				First Named Inventor	2155
				Group Art Unit	2155
				Examiner Name	Winder, Patrice L.
Sheet	3	Of	8	Attorney Docket Number	

OTHER ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	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
	A47	*Windy City Innovations, LLC v. America Online, Inc.,* Civil Action No. 04 C 4240, "AOL's Second Supplemental Response to Plaintiff Windy City Innovations, LLC's First Set of Interrogatories (No. 4)" dated May 20, 2005.
	A48	NETSCAPE, "Netscape Power Pack Bookmarks, Chat, and Multimedia Add-Ons". (AOL 613167-613172)
	A49	NETSCAPE, "Netscape Announces Add-On Product Suite for Popular Netscape Navigator Software, Netscape Power Pack Includes Netscape SmartMarks, Netscape Chat and Multimedia Add-On Applications From Adobe, Apple, and Progressive Networks" Press Release, 05/11/2005, pp. 1-3. (AOL 613244-613246)
	A50	PR NEWSWIRE ASSOC., INC. "Netscape Announces Add-On Product Suite For Popular Netscape Navigator™ Software" Article, 10/25/1999, pp. 1-2. (AOL 613247-613248)
	A51	NETSCAPE, "Netscape Chat Help Contents" Manual. (AOL 613173-613243)
	A52	WIRED CHANNELING "Tips for Foiling the NSA" Article, 01/1996, pg. 174. (AOL 469104-469105)
	A53	FLASH NEWS "Market Support News, Jacksonville Update" Article, 05/19/1995, pp. 1-4, (AOL 469106-469109)
	A54	PALFREYMAN, et al., "A Protocol for User Awareness on the World Wide Web", Article, 1996, pp. 130-139. (AOL 469110-469119)
	A55	ROBINETT, "Interactivity and Individual Viewpoint in Shared Virtual Worlds: The Big Screen vs. Networked Personal Displays", Article, Computer Graphics, Vol. 28, No. 2, 05/1994, pp. 127-130. (AOL 074871-074874)
	A56	OHYA, et al., "Real-Time Reproduction of 3D Human Images in Virtual Space Teleconferencing", Article, pp. 408-414. (AOL 074875-074881)
	A57	FUKUDA, et al., "Hypermedia Personal Computer Communication System : Fujitsu Habitat", Fujitsu Sci. Tech. J., 10/1990, Vol. 26, No. 3, pp. 197-206. (AOL 074882-074893)
	A58	CARLSSON, "DIVE – a Multi-User Virtual Reality System", Article, IEEE 1993, pp. 394-400. (AOL 074894-074900)
	A59	BENFORD, et al., "Supporting Cooperative Work in Virtual Environments", The Computer Journal, Vol. 37, No. 8, 1994, pp. 653-668. (AOL 074901-074916)
	A60	FARALLON COMPUTING, INC., "Timbuktu™ User's Guide, Manual, pp. 1-98. (AOL 074917-075026
	A61	BERLAGE, et al., "A Framework For Shared Applications With a Replicated Architecture", Article, 11/3-5/1993, pp. 249-257. (AOL 075027-075035)
	A62	SOHLENKAMP, "A Virtual Office Environment Supporting Shared Applications", Article, 02/7-11/1994. (AOL 075036-075044)

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
[1]Applicant's unique citation designation number (optional). [2]See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4]For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5]Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. [6]Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction act of 1995, no persona are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(use as many sheets as necessary))*				Application Number	09/399,578
				Filing Date	09/20/1999
				First Named Inventor	2155
				Group Art Unit	2155
				Examiner Name	Winder, Patrice L.
Sheet	4	Of	8	Attorney Docket Number	

OTHER ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	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
	A63	FARALLON COMPUTING, INC., "Timbuktu/Remote™ User's Guide", Article, pp. 6-8. (AOL 075063- 075066)
	A64	GAJEWSKA, et al., "Argo: A System for Distributed Collaboration", Article, pp. 1-12. (AOL 075080-075091)
	A65	HANDLEY, et al., "CCCP: Conference Control Channel Protocol A Scalable Base for Building Conference Control Applications", pp. 1-18. (AOL 075092-075109)
	A66	BAHR, et al., "Multimedia Conferencing in a Packet Switched Environment", Article. (AOL 075110-075113)
	A67	SASSE, et al., "Multimedia Conferencing over the Internet, The MICE Project", Article, pp. 1-17. (AOL 075114-075130)
	A68	SASSE, et al., "Interacting with Multi-media, Multi-user Systems: Observations on Multi-Media Conferencing Tools", Article. (AOL 075131-075144)
	A69	HANDLEY, et al., "The Conference Control Channel Protocol (CCCP): A Scalable Base for Building Conference Control Applications", Article, 1995, pp. 275-287. (AOL 075145-075157)
	A70	SASSE, et al., "Remote Seminars through Multimedia Conferencing: Experiences from the MICE Project", Article, Proc. INET '94/JENC5, pp. 1-8. (AOL 075158-075165)
	A71	HANDLEY, et al., "Multimedia Integrated Conferencing for European Researchers (MICE): Piloting Activities and the Conference Management and Multiplexing Centre", Article, pp. 1-14. (AOL 075183-075196)
	A72	KIRSTEIN, et al., "Piloting of Multimedia Integrated Communications for European Researchers (MICE)", Article, Proc. INET '93, pp. 1-12. (AOL 075197-075208)
	A73	KIRSTEIN, et al., "Recent Activities in the MICE Conferencing Project", Article, Proc. INET '95. (AOL 075209-075218)
	A74	TURLETTI, "The INRIA Videoconferencing System", Article, pp. 1-7. (AOL 075219-075225)
	A75	BAHR, et al., "Incorporating Security Functions in Multimedia Conferencing Applications in the Context of the MICE Project", Article. (AOL 075226-075233)
	A76	BILTING, et al., "International Research Seminars through Multimedia conferencing: Experiences from the MICE Project", Article. (AOL 075234-075237)
	A77	SASSE, et al., "Multimedia Conferencing Over The Internet: The MICE Project and Tools", Article, pp. 1-11. (AOL 075238-075248)
	A78	SASSE, et al., "Remote Seminars through Multimedia Conferencing: Experiences from the MICE Project", Article, Proc. INET '94/JENC5. (AOL 075249-075260)
	A79	CLAYMAN, et al., "The Interworking of Internet and ISDN Networks for Multimedia Conferencing", Article, pp. 1-28. (AOL 075261-075288)
	A80	BYTE, "Network and Windows 95 Take Top BYTE Awards", Article, July 1995. (AOL 055731-055732)

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
[1]Applicant's unique citation designation number (optional). [2]See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4]For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5]Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. [6]Applicant is to place a check mark here if English language Translation is attached.

Rev. Aug. 02
X:\OPEN\PJ\IDS.doc

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(use as many sheets as necessary))*				Application Number	09/399,578
				Filing Date	09/20/1999
				First Named Inventor	2155
				Group Art Unit	2155
				Examiner Name	Winder, Patrice L.
Sheet	5	Of	8	Attorney Docket Number	

OTHER ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	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
	A81	COMPUSERVE, "CompuServe Producer User Guide", Article, 04/19/1995, pp. 1-36. (AOL 055743-055779)
	A82	REESE, et al., "Online with Start Kesmai Air Warrior", Article. (AOL 055780-055781)
	A83	MAWBY, "Designing Collaborative Writing Tools", Article, 1991, pp. 1-191. (AOL 074678-074870)
	A84	DONATH, "The Illustrated Conversation", Article, 1995, pp. 79-88. (AOL 052115-052124)
	A85	DONATH, "Sociable Information Spaces", Article, 06/20-22/1995, pp. 269-273. (AOL 052127-052131)
	A86	MASINTER, "Collaborative Information Retrieval: Gopher from MOO", Article, Proc. INET '93. (AOL 052153-052161)
	A87	ROSEMAN, et. al., "TeamRooms: Groupware for Shared Electronic Spaces", Article. (AOL 052162-052163)
	A88	ROSEMAN, "Managing Complexity in TeamRooms, a Tcl-Based Internet Groupware Application", Article. (AOL 052164-052171)
	A89	ROSEMAN, et. al., "TeamRooms: Network Places for Collaboration", Article. (AOL 052172-052180)
	A90	CURTIS, "Mudding: Social Phenomena in Text-Based Virtual Realities", Article, 03/03/1992, pp. 1-21. (AOL 052181-052201)
	A91	NICHOLS, et. al., "High-Latency, Low-Bandwidth Windowing in the Jupiter Collaboration System", Article, UIST '95, 11/14-17/1995, pp. 111-120. (AOL 052202-052211)
	A92	CURTIS, et. al., "The Jupiter Audio/Video Architecture: Secure Multimedia in Network Places", Article, 1995, pp. 1-12. (AOL 052212-052223)
	A93	CRAMPTON, "MUSK – a Multi-User Sketch Program", Article, pp. 17-29. (AOL 052224-052236)
	A94	BONFIGLIO, et al., "Conference Toolkit: A Framework for Real-Time Conferencing", Article, pp. 303-316. (AOL 052237-052250)
	A95	LEE, "Xsketch: A Multi-User Sketching Tool For X11", Article, 1990, pp. 169-173. (AOL 052251-052255)
	A96	AHUJA, et al., "Supporting Multi-Phase Groupware Over Long Distances", Article, 1989 IEEE, pp. 1227-1231. (AOL 052256-052260)
	A97	AHUJA, et al., "A Comparison of Application Sharing Mechanisms in Real-Time DeskTop Conferencing Systems", Article, pp. 238-248. (AOL 052261-052271)
	A98	PATTERSON, et al., "Rendezvous: An Architecture for Synchronous Multi-User Applications", Article, 10/1990, pp. 317-328. (AOL 052272-052283)
	A99	PATTERSON, "Comparing the Programming Demands of Single-User and Multi-User Applications", Article, UIST'91, 11/11-13/1991, pp. 87-94. (AOL 052284-052291)

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
[1]Applicant's unique citation designation number (optional). [2]See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4]For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5]Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. [6]Applicant is to place a check mark here if English language Translation is attached.

Rev. Aug. 02
X:\OPEN\PJ\IDS.doc

Substitute for form 1449A/PTO				**Complete if Known**	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(use as many sheets as necessary))*				Application Number	09/399,578
				Filing Date	09/20/1999
				First Named Inventor	2155
				Group Art Unit	2155
				Examiner Name	Winder, Patrice L.
Sheet	6	Of	8	Attorney Docket Number	

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No.[1]	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
	A100	LU, et al., "Idea Management In a Shared Drawing Tool", Article, ECSCW 1991, pp. 97-112. (AOL 052292-052307)
	A101	LU, "Supporting Idea Management in a Shared Drawing Tool", Article, 1992, pp. 29-113. (AOL 052308-052364)
	A102	WEXELBLAT, "Building Collaborative Interfaces", Article, 05/1991, pp. 1-40. (AOL 052365-052405)
	A103	WATABE, et al., "Distributed Desktop Conferencing System with Multiuser Multimedia Interface", Article, 1991 IEEE, pp. 531-539. (AOL 052406-052414)
	A104	WATABE, et al., "Distributed Multiparty Desktop Conferencing System: MERMAID", Article, 10/1990, pp. 27-38. (AOL 052415-052426)
	A105	HORN, et al., "An ISDN Multimedia Conference Bridge", Article, 1990 IEEE, pp. 853-856. (AOL 052427-052430)
	A106	AHUJA, et al., "Coordination and Control of Multimedia Conferencing", Communications Magazine, IEEE, 05/1992, Vol. 30, Iss. 5, pp. 38-43. (AOL 052431-052436)
	A107	ENSOR, et al., "The Rapport Multimedia Conferencing System-A Software Overview", Article, Proc. 2nd IEEE, 03/1998, pp. 52-58. (AOL 052437-052443)
	A108	GREENBERG, "Personalizable Groupware: Accomodating Individual Roles and Group Differences", Article, ECSCW 1991, pp. 17-32. (AOL 052444-052459)
	A109	GREENBERG, "Sharing Views and Interactions With Single-User Applications", Article, 04/1990, pp. 227-237. (AOL 052460-052470)
	A110	SARIN, et al., "Software for Interactive On-Line Conferences", Article, 1984, pp. 46-58. (AOL 052471-052484)
	A111	BLY, et al., "Media Spaces: Bringing People Together in a Video, Audio, and Computing Environment", Article, 01/1993, Vol. 36, No. 1, pp. 28-47. (AOL 052486-052505)
	A112	NCSA, "The Second International WWW Conference '94 Mosaic and the Web", 07/14/1994. (AOL 052506-052509)
	A113	FRIVOLD, et al., "Extending WWW for Synchronous Collaboration", Article. (AOL 052510-052518)
	A114	"Channel List for Meeting DSTC YarnDemo", Article. (AOL 052523-052530)
	A115	DONATH, et al., "The Social Web", Article. (AOL 052531-052534)
	A116	GOLDBERG, et al. "Beyond the Web: Excavating the Real World Via Mosaic", Article. (AOL 052535-052546)
	A117	WEYMOUTH, et al., "The Upper Atmospheric Research Collaboratory: UARC", Article. (AOL 052547-052552)
	A118	SCHARF, et al., "Using Mosaic for Remote Test System Control Supports Distributed Engineering", Article. (AOL 052553-052561)

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
[1]Applicant's unique citation designation number (optional). [2]See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4]For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5]Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. [6]Applicant is to place a check mark here if English language Translation is attached.

Rev. Aug. 02
X:\OPEN\PJ\IDS.doc

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction act of 1995, no persona are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(use as many sheets as necessary))*				Application Number	09/399,578
				Filing Date	09/20/1999
				First Named Inventor	2155
				Group Art Unit	2155
				Examiner Name	Winder, Patrice L.
Sheet	7	Of	8	Attorney Docket Number	

OTHER ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	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
	A119	FREGA, et al., "A Multimedia Bulletin Board in WWW Environment", Article. (AOL 052567-052574)
	A120	HORN, et al., "An ISDN Multimedia Conference Bridge", Article, IEEE Region 10, 09/1990, pp. 853-856. (AOL 052575-052578)
	A121	TANG, et al., "Montage: Providing Teleproximity for Distributed Groups", Article, 04/24-28/1994, pp. 37-43. (AOL 052579-052585)
	A122	PEARL, "System Support for Integrated Desktop Video Conferencing", Article, 12/1992, pp. 1-14. (AOL 052586-052600)
	A123	CHANG, et al., "Group Coordination in Participant Systems", Article, 05/1990, pp. 589-599. (AOL 052601-052611)
	A124	ENSOR, et al., "User Interfaces For Multimedia Multiparty Communications", Article, 1993 IEEE, pp. 1165-1171. (AOL 052612-052618)
	A125	TANG, et al., "Supporting Distributed Groups with a Montage of Lightweight Interactions", Article, 1994, pp. 23-34. (AOL 052619-052630)
	A126	BRINCK, et al., "A Collaborative Medium for the Support of Conversational Props", Article, 11/1992, pp. 171-178. (AOL 052636-052643)
	A127	GRAHAM, et al., "Relational Views as a Model for Automatic Distributed Implementation of Multi-User Applications", Article, 11/1992, pp. 59-66. (AOL 052644-052651)
	A128	REIN, et al., "rIBIS: A Real-Time Group Hypertext System", Article, 1991, pp. 349-367. (AOL 052652-052670)
	A129	GIBBS, "LIZA: An Extensible Groupware Toolkit", Article, 1989, pp. 29-35. (AOL 052671-052677)
	A130	CLARK, "Multipoint Multimedia Conferencing", Article, 05/1992 IEEE, pp. 44-50. (AOL 052678-052684)
	A131	WOLF, et al., "We-Met (Window Environment-Meeting Enhancement Tools)", Article, pp. 441-442. (AOL 052695-052696)
	A132	HILL, et al., "The Rendezvous Language and Architecture", Article, 01/1993, Vol. 36, No. 1, pp. 62-67. (AOL 052697-052702)
	A133	HILL, et al., "The Rendezvous Architecture and Language for Constructing Multiuser Applications," ACM Transactions on Computer-Human Interaction, 06/1994, Vol. 1, No. 2, pp. 81-125 (AOL 052703-052747)
	A134	WOO, et al., "A Synchronous Collaboration Tool for World-Wide Web," Distributed Systems Technology Centre, The University of Queensland, Queensland 4072 (AOL 052519-052530)

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
[1]Applicant's unique citation designation number (optional). [2]See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4]For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5]Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. [6]Applicant is to place a check mark here if English language Translation is attached.

Rev. Aug. 02
X:\OPEN\PJ\IDS.doc

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction act of 1995, no persona are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(use as many sheets as necessary))*				Application Number	09/399,578
				Filing Date	09/20/1999
				First Named Inventor	2155
				Group Art Unit	2155
				Examiner Name	Winder, Patrice L.
Sheet	8	Of	8	Attorney Docket Number	

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No.[1]	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
	A135	BUXTON, et al., "Europarc's Integrated Interactive Intermedia Facility (IIIF): Early Experiences". In S. Gibbs & A.A. Verrijn-Stuart (Eds.). *Multiuser interfaces and applications, Proceedings of the IFIP WG 8.4 Conference on Multi-user Interfaces and Applications,* Heraklion, Crete. Amsterdam: Elsevier Science Publishers B.V. (North-Holland), 11-34. (AOL 052756-052764)
	A136	SOHLENKAMP, et al., "Integrating Communication, Cooperation, and Awareness: The DIVA Virtual Office Environment," Article, pp. 331-343. (AOL 052765-052777)
	A137	KRISHNAMURTHY, et al., "Yeast: A General Purpose Event-Action System," IEEE Transactions on Software Engineering, Vol. 21, No. 10, October 1995. (AOL 052778-052790)
	A138	LÖVSTRAND, et al., "Being Selectively Aware with the Khronika System," Proceedings of the Second European Conference on Compuber-Supported Cooperative Work, September 25-57, 1991, Amsterdam, The Netherlands, pp. 265-277. (AOL 052791-052803)
.	A139	DOURISH, et al., "Portholes: Supporting Awareness in a Distributed Work Group," Chi '92, May 3-7, 1992, pp. 541-547. (AOL052804-052810)
.	A140	GAVER, et al., "Realizing a Video Environment: Europarc's Rave System," Chi '92, May 3-7, 1992, pp. 27-35. (AOL 052811-052819)
	A141	BORNING, et al., "Two Approaches to Casual Interaction Over Computer and Video Networks," pp. 13-19. (AOL 052820-052826)

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
[1]Applicant's unique citation designation number (optional). [2]See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4]For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5]Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. [6]Applicant is to place a check mark here if English language Translation is attached.

Rev. Aug. 02
X:\OPEN\PJ\IDS.doc

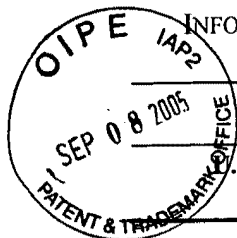| Form PTO-1449 (modified)	Atty. Docket No. AIS-P1-99	Serial No. 09/339,578
List of Patents and Publications for Applicant's	Applicant: Daniel L. Marks	
INFORMATION DISCLOSURE STATEMENT	Filing Date: September 20, 1999	Group: 2765
(Use several sheets if necessary)		
U.S. Patent Documents *See Page 1*	Foreign Patent Documents *See Page 1*	Other Art *See Page 1*

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
	A1	5,616,876	Apr. 1, 1997	Cluts	84	609	April 19, 1995
	A2	5,793,365	Aug. 11, 1998	Tang et al.	345	329	Jan. 2, 1996
	A3	5,832,212	Nov. 3, 1998	Cragun et al.	395	188.01	April 19, 1996
	A4	5,941,947	Aug. 24, 1999	Brown et al.	709	225	Aug. 18, 1995

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1						
	B2						

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C1	

EXAMINER:	DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)

C: 56468(AIS-P1-99.1449.13.DOC)

UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/399,578	09/20/1999	DANIEL L. MARKS	AIS-P99-1	2427

7590 06/14/2005	**EXAMINER**	
PETER K TRZYNA	WINDER, PATRICE L	
P.O. BOX 7131		
CHICAGO, IL 606807131	**ART UNIT**	**PAPER NUMBER**
	2145	

DATE MAILED: 06/14/2005

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

	Application No.	**Applicant(s)**
Interview Summary	09/399,578	MARKS, DANIEL L.
	Examiner	**Art Unit**	
	Patrice Winder	2145	

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

(1) *Patrice Winder*.　　　　　　　　　　(3)_____.

(2) *Peter Trzyna*.　　　　　　　　　　　(4)_____.

Date of Interview: *09 June 2005*.

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: *1*.

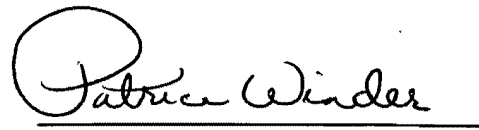Identification of prior art discussed: *1449(s) to be filed by applicant*.

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 ONE MONTH 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.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

_____
Examiner's signature, if required

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.

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Discussed prior art that will be filed orginating from litigation involving the parent parent. The examiner reviewed the existing claims for possible double patenting. The Examiner will determine whether a statutory double patenting rejection is appropriate. Comparing the present application to USPN 5,956,491; claim 949 maps to claim 1; claim 950 to 3; claim 953 to claim 40, claim 955 to claim 45. Counsel agreed to amend the existing claims if there is statutory double patenting.

UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/399,578	09/20/1999	DANIEL L. MARKS	AIS-P99-1	2427

7590 06/14/2005		

PETER K TRZYNA
P.O. BOX 7131
CHICAGO, IL 606807131

EXAMINER
WINDER, PATRICE L

ART UNIT	PAPER NUMBER
2145	

DATE MAILED: 06/14/2005

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

PTO-90C (Rev. 10/03)

Letter Requesting PTO-1449

1.   In the interview on June 9, 2005, applicant's representative and the examiner discussed prior art resulting from litigation concerning the parent application, now USPN 5,956,491. As of the mailing of this letter the prior art in question has not been received in the present application. Assuming that it is applicant's intent to file the prior art discussed above, the examiner request application to file the prior art in a PTO-1449 or the equivalent in response to this letter.
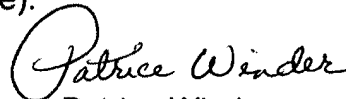
2.   This requirement is subject to the provisions of 37 CFR 1.134, 1.135 and 1.136 and has a shortened statutory period of ONE (1) month. EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

3.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Patrice Winder whose telephone number is 571-272-3935. The examiner can normally be reached on Monday-Friday, 10:30 am-7:00 pm.

        If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Valencia Martin-Wallace can be reached on 571-272-6159. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.
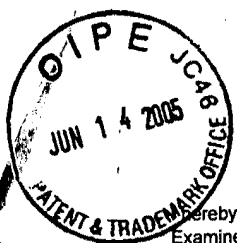
Information regarding the status of an application may be obtained from the

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).

Patrice Winder
Patrice Winder
Primary Examiner
Art Unit 2145

June 13, 2005

2145

IFW

PATENT

Paper No.

File: AIS-P99-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor	:	Daniel L. Marks
Serial No.	:	09/399,578
Filed	:	September 20, 1999
For	:	GROUP COMMUNICATIONS MULTIPLEXING SYSTEM
Group Art Unit	:	2145
Examiner	:	P. Winder

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

RECEIVED
OIPE/IAP

JUL 1 1 2005

TRANSMITTAL LETTER

SIR:

Transmitted herewith for filing in the above-identified patent application is the following:

1. Supplemental Amendment and Response (190 pages);

2. Clean Version of the Claims (176 pages, as a courtesy for the Examiner);

3. Clean Copy of the Amended Specification, Pages 2-43;

4. Information Disclosure Statement (2 pages);

5. PTO Form 1449 (7 pages) and a copy of all art cited thereon;

6. PTO Form 1449 (2 pages) and a copy of all art cited thereon; and

7.   Certificate of Correction for U.S. Patent No. 5,956,491 (4 pages),

signed and sealed September 3, 2002.

The Commissioner is hereby authorized to charge any fees associated with the

above-identified patent application or credit any overcharges to Deposit Account No. 50-0235.

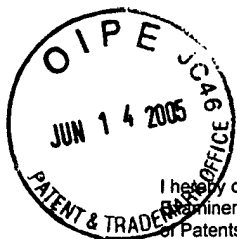Please direct all correspondence to the undersigned at the address given below.
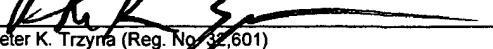
Respectfully submitted,

Date: __June 9, 2005__

Peter K. Trzyna
(Reg. No. 32,601)

P.O. Box 7131
Chicago, IL 60680-7131
(312) 240-0824

- 2 -

PATENT

Paper No.

Our File No. AIS-P99-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor	:	MARKS, Daniel L.
Serial No.	:	09/399,578
Filed	:	09/20/1999
For	:	GROUP COMMUNICATIONS MULTIPLEXING SYSTEM
Group Art Unit	:	2145
Examiner	:	WINDER, Patrice L.

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

SUPPLEMENTAL AMENDMENT AND RESPONSE

SIR:

In the above-referenced patent application, please enter the following

amendment and reconsider the application. It is believed that no new matter has been added.

B. **In the claims:**

Please amend the claims as follows:

1. (currently amended)   A method of using computers to communicate over an Internet network, the method including the steps of:

connecting a plurality of participator computers with a controller computer through the Internet network, ~~each said participator computer connected to an input device and to an output device~~;

receiving a log in name and a password corresponding to a user identity, respectively from each of said participator computers;

respectively storing a set of privileges corresponding to each of said user identities, the set including a privilege to receive non-textual communication;

~~arbitrating with the controller computer, in accordance with predefined rules including a test for an authenticated user identity, to determine~~ determining which ones of the participator computers can form a group to send and receive communications, said communications respectively are in accordance with the corresponding privilege; and

sending and receiving said communications in real time over the Internet network between said participator computers in said group, some of said communications of members of the group including a respective video, graphic, graphical multimedia, or pointer-triggered message that is receivable on demand.

2. (previously presented)   The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said pointer-triggered message.

3. (previously presented)   The method of claim 1, wherein the steps of sending

3

and receiving are carried out with one of said communications comprising said pointer-triggered message and said graphic and further comprising a human communication sound.

4. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said pointer-triggered message and said video and said graphic.

5. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications further comprising a human communication sound.

6. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said video and further comprising a human communication sound.

7. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said graphic and further comprising a human communication sound.

8. (previously presented)   The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said pointer-triggered message and further comprising a human communication sound.

9. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications further comprising a human

communication sound and text or ascii.

10. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said video.

11. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said video and said graphic.

12. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said video and said pointer-triggered message.

13. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said video and further comprising text or ascii.

14. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said graphic.

15. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said graphic and said pointer-triggered message.

16. (previously presented) The method of claim 1, wherein the steps of sending

and receiving are carried out with one of said communications comprising said graphic and further comprising text or ascii.

17. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said video and said graphic and further comprising a human communication sound.

18. (previously presented)   The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said video and said pointer-triggered message and further comprising a human communication sound.

19. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising and further comprising a human communication sound and text or ascii.

20. (previously presented)   The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said video and said graphic and said pointer-triggered message and further comprising a human communication sound.

21. (previously presented)   The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said video and said pointer-triggered message and further comprising a human communication sound and text or ascii.

6

22. (previously presented)   The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said video and said graphic and said pointer-triggered message and further comprising a human communication sound and text or ascii.

23. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications further comprising text or ascii.

24. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said graphic and further comprising a human communication sound and text or ascii.

25. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said graphic and said video and further comprising text or ascii.

26. (previously presented)   The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said pointer-triggered message and further comprising text or ascii.

27. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said pointer-triggered message and said video and further comprising text or ascii.

28. (previously presented) The method of claim 1, wherein the steps of sending

7

and receiving are carried out with one of said communications comprising said video and said graphic and further comprising a human communication sound and text or ascii.

29. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said pointer-triggered message and further comprising a human communication sound and text or ascii.

30. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising and said pointer-triggered message and said graphic and further comprising a human communication sound and text or ascii.

31. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said video and said graphic and said pointer-triggered message and further comprising text or ascii.

32. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said graphic and said pointer-triggered message and further comprising text or ascii.

33. (previously presented) The method of claim 170, wherein said step of arbitrating is carried out with said pointer-triggered message, and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate a human communication sound and text or ascii to the other of the participator computers.

8

34. (previously presented) The method of claim 170, wherein said step of arbitrating is carried out with said pointer-triggered message and said graphic, and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate test or ascii to the other of the participator computers.

35. (previously presented) The method of claim 170, wherein said step of arbitrating is carried out with said video and said graphic, and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate a human communication sound and text or ascii to the other of the participator computers.

36. (previously presented)   The method of claim 170, wherein said step of arbitrating is carried out with said graphic and said pointer-triggered message, and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate a human communication sound and text or ascii to the other of the participator computers.

37. (previously presented) The method of claim 170, wherein said step of arbitrating is carried out with said graphic and said video, and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate text or ascii to the other of the participator computers.

38. (previously presented)   The method of claim 170, wherein said step of arbitrating is carried out with said video and said graphic and said pointer-triggered message,

9

and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate text or ascii to the other of the participator computers.

39. (previously presented)   The method of claim 170, wherein said step of arbitrating is carried out with said video and said pointer-triggered message, and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate text or ascii to the other of the participator computers.

40. (previously presented)   The method of claim 170, wherein said step of arbitrating is carried out with said video and said graphic and said pointer-triggered message.

41. (previously presented) The method of claim 170, further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate a human communication sound.

42. (previously presented) The method of claim 170, wherein said step of arbitrating is carried out with said video, and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate a human communication sound.

43. (previously presented) The method of claim 170, wherein said step of arbitrating is carried out with said graphic, and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate a human communication sound.

10

44. (previously presented)   The method of claim 170, wherein said step of arbitrating is carried out with said pointer-triggered message and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate a human communication sound.

45. (previously presented) The method of claim 170, further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate a human communication sound and text or ascii to the other of the participator computers.

46. (previously presented) The method of claim 170, wherein said step of arbitrating is carried out with said video.

47. (previously presented) The method of claim 170, wherein said step of arbitrating is carried out with said video and said graphic.

48. (previously presented)   The method of claim 170, wherein said step of arbitrating is carried out with said video and said pointer-triggered message.

49. (previously presented) The method of claim 170, wherein said step of arbitrating is carried out with said video, and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate text or ascii to the other of the participator computers.

11

50. (previously presented) The method of claim 170, wherein said step of arbitrating is carried out with said graphic.

51. (previously presented)   The method of claim 170, wherein said step of arbitrating is carried out with said graphic and said pointer-triggered message.

52. (previously presented) The method of claim 170, wherein said step of arbitrating is carried out with said graphic, and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate text or ascii to the other of the participator computers.

53. (previously presented) The method of claim 170, wherein said step of arbitrating is carried out with said video and said graphic, and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate a human communication sound.

54. (previously presented)   The method of claim 170, wherein said step of arbitrating is carried out with said video and said pointer-triggered message, and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate a human communication sound.

55. (previously presented) The method of claim 170, wherein said step of arbitrating is carried out with said video, and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate a human communication sound and text or ascii to the other of the participator computers.

12

56. (previously presented)   The method of claim 170, wherein said step of arbitrating is carried out with said video and said graphic and said pointer-triggered message, and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate a human communication sound.

57. (previously presented)   The method of claim 170, wherein said step of arbitrating is carried out with said video and said pointer-triggered message, and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate a human communication sound and text or ascii to the other of the participator computers.

58. (previously presented)   The method of claim 170, wherein said step of arbitrating is carried out with said video and said graphic and said pointer-triggered message, and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate a human communication sound and text or ascii to the other of the participator computers.

59. (previously presented) The method of claim 170, wherein said step of arbitrating is carried out with said graphic and said pointer-triggered message and further comprising a human communication sound.

60. (previously presented) The method of claim 170, wherein said step of arbitrating is carried out with said pointer-triggered message, and wherein said step of arbitrating includes arbitrating to determine which of the participator computers can

13

communicate text or ascii to the other of the participator computers.

61. (previously presented) The method of claim 170, wherein said step of arbitrating includes arbitrating to determine which of the participator computers can communicate text or ascii to the other of the participator computers.

62. (previously presented)   The method of claim 170, wherein said step of arbitrating is carried out with said pointer-triggered message.

63. (previously presented) The method of claim 170, wherein said step of arbitrating is carried out with said graphic, and wherein said step of arbitrating includes arbitrating to determine which of the participator computers can communicate a human communication sound and text or ascii to the other of the participator computers.

64. (previously presented) The method of claim 1, further including the step of: determining a user's age corresponding to said user identity.

65. (previously presented) The method of claim 2, further including the step of: determining a user's age corresponding to said user identity.

66. (previously presented)   The method of claim 3, further including the step of: determining a user's age corresponding to said user identity.

67. (previously presented) The method of claim 4, further including the step of: determining a user's age corresponding to said user identity.

14

68. (previously presented) The method of claim 5, further including the step of: determining a user's age corresponding to said user identity.

69. (previously presented)   The method of claim 6, further including the step of: determining a user's age corresponding to said user identity.

70. (previously presented) The method of claim 7, further including the step of: determining a user's age corresponding to said user identity.

71. (previously presented) The method of claim 8, further including the step of: determining a user's age corresponding to said user identity.

72. (previously presented)   The method of claim 9, further including the step of: determining a user's age corresponding to said user identity.

73. (previously presented) The method of claim 10, further including the step of: determining a user's age corresponding to said user identity.

74. (previously presented)   The method of claim 11, further including the step of: determining a user's age corresponding to said user identity.

75. (previously presented) The method of claim 12, further including the step of: determining a user's age corresponding to said user identity.

15

76. (previously presented) The method of claim 13, further including the step of:
determining a user's age corresponding to said user identity.

77. (previously presented)   The method of claim 14, further including the step-of:
determining a user's age corresponding to said user identity.

78. (previously presented) The method of claim 15, further including the step of:
determining a user's age corresponding to said user identity.

79. (previously presented) The method of claim 16, further including the step of:
determining a user's age corresponding to said user identity.

80. (previously presented)   The method of claim 17, further including the step of:
determining a user's age corresponding to said user identity.

81. (previously presented)   The method of claim 18, further including the step of:
determining a user's age corresponding to said user identity.

82. (previously presented)   The method of claim 19, further including the step of:
determining a user's age corresponding to said user identity.

83. (previously presented)   The method of claim 20, further including the step of:
determining a user's age corresponding to said user identity.

84. (previously presented)   The method of claim 21, further including the step of:

16

determining a user's age corresponding to said user identity.

85. (previously presented)   The method of claim 22, further including the step of: determining a user's age corresponding to said user identity.

86. (previously presented)   The method of claim 23, further including the step of: determining a user's age corresponding to said user identity.

87. (previously presented)   The method of claim 24, further including the step of: determining a user's age corresponding to said user identity.

88. (previously presented)   The method of claim 25, further including the step of: determining a user's age corresponding to said user identity.

89. (previously presented)   The method of claim 26, further including the step of: determining a user's age corresponding to said user identity.

90. (previously presented)   The method of claim 27, further including the step of: determining a user's age corresponding to said user identity.

91. (previously presented)   The method of claim 28, further including the step of: determining a user's age corresponding to said user identity.

92. (previously presented)   The method of claim 29, further including the step of: determining a user's age corresponding to said user identity.

93. (previously presented)   The method of claim 30, further including the step of: determining a user's age corresponding to said user identity.

94. (previously presented)   The method of claim 31, further including the step of: determining a user's age corresponding to said user identity.

95. (previously presented)   The method of claim 32, further including the step of: determining a user's age corresponding to said user identity.

96. (previously presented) The method of claim 33, further including the step of: determining a user's age corresponding to said user identity.

97. (previously presented)   The method of claim 34, further including the step of: determining a user's age corresponding to said user identity.

98. (previously presented)   The method of claim 35, further including the step of: determining a user's age corresponding to said user identity.

99. (previously presented)   The method of claim 36, further including the step of: determining a user's age corresponding to said user identity.

100. (previously presented) The method of claim 37, further including the step of: determining a user's age corresponding to said user identity.

18

101. (previously presented) The method of claim 38, further including the step of: determining a user's age corresponding to said user identity.

102. (previously presented) The method of claim 39, further including the step of: determining a user's age corresponding to said user identity.

103. (previously presented) The method of claim 40, further including the step of: determining a user's age corresponding to said user identity.

104. (previously presented) The method of claim 41, further including the step of: determining a user's age corresponding to said user identity.

105. (previously presented) The method of claim 42, further including the step of: determining a user's age corresponding to said user identity.

106. (previously presented) The method of claim 43, further including the step of: determining a user's age corresponding to said user identity.

107. (previously presented) The method of claim 44, further including the step of: determining a user's age corresponding to said user identity.

108. (previously presented) The method of claim 45, further including the step of: determining a user's age corresponding to said user identity.

109. (previously presented) The method of claim 46, further including the step of:

determining a user's age corresponding to said user identity.

110. (previously presented) The method of claim 47, further including the step of: determining a user's age corresponding to said user identity.

111. (previously presented) The method of claim 48, further including the step of: determining a user's age corresponding to said user identity.

112. (previously presented) The method of claim 49, further including the step of: determining a user's age corresponding to said user identity.

113. (previously presented) The method of claim 50, further including the step of: determining a user's age corresponding to said user identity.

114. (previously presented) The method of claim 51, further including the step of: determining a user's age corresponding to said user identity.

115. (previously presented) The method of claim 52, further including the step of: determining a user's age corresponding to said user identity.

116. (previously presented) The method of claim 53, further including the step of: determining a user's age corresponding to said user identity.

117. (previously presented) The method of claim 54, further including the step of: determining a user's age corresponding to said user identity.

20

118. (previously presented) The method of claim 55, further including the step of: determining a user's age corresponding to said user identity.

119. (previously presented) The method of claim 56, further including the step of: determining a user's age corresponding to said user identity.

120. (previously presented) The method of claim 57, further including the step of: determining a user's age corresponding to said user identity.

121. (previously presented) The method of claim 58, further including the step of: determining a user's age corresponding to said user identity.

122. (previously presented) The method of claim 59, further including the step of: determining a user's age corresponding to said user identity.

123. (previously presented) The method of claim 60, further including the step of: determining a user's age corresponding to said user identity.

124. (previously presented) The method of claim 61, further including the step of: determining a user's age corresponding to said user identity.

125. (previously presented) The method of claim 62, further including the step of: determining a user's age corresponding to said user identity.

21

126. (previously presented) The method of claim 63, further including the step of: determining a user's age corresponding to said user identity.

127. (previously presented) The method of claim 1, wherein the step of arbitrating includes authorizing a moderator for said communications.

128. (previously presented) The method of claim 2, wherein the step of arbitrating includes authorizing a moderator for said communications.

129. (previously presented) The method of claim 3, wherein the step of arbitrating includes authorizing a moderator for said communications.

130. (previously presented) The method of claim 4, wherein the step of arbitrating includes authorizing a moderator for said communications.

131. (previously presented) The method of claim 5, wherein the step of arbitrating includes authorizing a moderator for said communications.

132. (previously presented) The method of claim 6, wherein the step of arbitrating includes authorizing a moderator for said communications.

133. (previously presented) The method of claim 7, wherein the step of arbitrating includes authorizing a moderator for said communications.

134. (previously presented) The method of claim 8, wherein the step of

22

arbitrating includes authorizing a moderator for said communications.

135. (previously presented)   The method of claim 9, wherein the step of arbitrating includes authorizing a moderator for said communications.

136. (previously presented)   The method of claim 10, wherein the step of arbitrating includes authorizing a moderator for said communications.

137. (previously presented)   The method of claim 11, wherein the step of arbitrating includes authorizing a moderator for said communications.

138. (previously presented)   The method of claim 12, wherein the step of arbitrating includes authorizing a moderator for said communications.

139. (previously presented)   The method of claim 13, wherein the step of arbitrating includes authorizing a moderator for said communications.

140. (previously presented)   The method of claim 14, wherein the step of arbitrating includes authorizing a moderator for said communications.

141. (previously presented)   The method of claim 15, wherein the step of arbitrating includes authorizing a moderator for said communications.

142. (previously presented)   The method of claim 16, wherein the step of arbitrating includes authorizing a moderator for said communications.

23

143. (previously presented)   The method of claim 17, wherein the step of arbitrating includes authorizing a moderator for said communications.

144. (previously presented)   The method of claim 18, wherein the step of arbitrating includes authorizing a moderator for said communications.

145. (previously presented)   The method of claim 19, wherein the step of arbitrating includes authorizing a moderator for said communications.

146. (previously presented)   The method of claim 20, wherein the step of arbitrating includes authorizing a moderator for said communications.

147. (previously presented)   The method of claim 21, wherein the step of arbitrating includes authorizing a moderator for said communications.

148. (previously presented)   The method of claim 22, wherein the step of arbitrating includes authorizing a moderator for said communications.

149. (previously presented)   The method of claim 23, wherein the step of arbitrating includes authorizing a moderator for said communications.

150. (previously presented)   The method of claim 24, wherein the step of arbitrating includes authorizing a moderator for said communications.

151. (previously presented)   The method of claim 25, wherein the step of arbitrating includes authorizing a moderator for said communications.

152. (previously presented)   The method of claim 26, wherein the step of arbitrating includes authorizing a moderator for said communications.

153. (previously presented)   The method of claim 27, wherein the step of arbitrating includes authorizing a moderator for said communications.

154. (previously presented)   The method of claim 28, wherein the step of arbitrating includes authorizing a moderator for said communications.

155. (previously presented)   The method of claim 29, wherein the step of arbitrating includes authorizing a moderator for said communications.

156. (previously presented)   The method of claim 30, wherein the step of arbitrating includes authorizing a moderator for said communications.

157. (previously presented)   The method of claim 31, wherein the step of arbitrating includes authorizing a moderator for said communications.

158. (previously presented)   The method of claim 32, wherein the step of arbitrating includes authorizing a moderator for said communications.

159. (previously presented)   The method of claim 170, further including the step

25

of communicating a user image from said one of the plurality of the participator computers to the other of the participator computers.

160. (previously presented)   The method of claim 41, further including the step of communicating a user image from said one of the plurality of the participator computers to the other of the participator computers.

161. (previously presented)   The method of claim 42, further including the step of communicating a user image from said one of the plurality of the participator computers to the other of the participator computers.

162. (previously presented)   The method of claim 46, further including the step of communicating a user image from said one of the plurality of the participator computers to the other of the participator computers.

163. (previously presented)   The method of claim 61, further including the step of communicating a user image from said one of the plurality of the participator computers to the other of the participator computers.

164. (previously presented)   The method of claim 1, further including the step of communicating a user image from one member in the group to another member in the group.

165. (currently amended) A method of using a computer system to distribute communication over an Internet network, the method including the steps of:

obtaining a respective authenticated user identity from a controller computer over

26

the Internet network for respective use on each of a plurality of participator computers, each said participator computer connected to an input device and to an output device;

connecting a plurality of participator computers with a controller computer through the Internet;

receiving an authenticated user identity from a first of the participator computers;

receiving an authenticated user identity from a second of the participator computers;

programming using participator software respectively on the participator computers to enable the communication, including at least one of a video, graphic, sound, or multimedia;

communicating a message including text or ascii, and a pointer, from the first participator computer to said controller computer and from said controller computer to the second participator computer; and

using said pointer to receive the communication from the first of the participator computers at the second of the participator computers in real time over the Internet network.

using said authenticated user identity to communicate a pointer-triggered message from one of said participator computers to said controller computer and from said controller computer to an other of said participator computers; and

using said pointer-triggered message to receive the communication at the other of said participator computers in real time over the Internet network.

166. (previously presented)   The method of claim 165, further including the step of:

determining a user's age corresponding to said user identity.

167. (currently amended)   The method of claim 165, wherein the step of ~~programming~~ using is carried out with said communication including said video.

168. (currently amended)   The method of claim 166, wherein the step of ~~programming~~ using is carried out with said communication including said video.

169. (previously presented)   The method of claim 165, further including the step of forming a chat channel over the Internet network, and arbitrating channel communications between said participator computers at said controller computer.

170. (currently amended) A method of using computers to communicate over an Internet network, the method including the steps of:

connecting a controller computer with a plurality of participator computers, said connecting including connecting at least one of the plurality of participator computers with the controller computer through the Internet network; ~~, each said participator computer connected to an input device and to an output device; and~~

receiving a log in name and a password corresponding to a user identity, respectively from each of said participator computers;

respectively storing a set of privileges corresponding to each of said user identities, the set including a privilege to receive non-textual communication; and

~~arbitrating with the controller computer, in accordance with predefined rules including a test for an authenticated user identity, to determine~~ determining which of the participator computers can communicate to an other of the participator computers over the Internet network in real time, in accordance with the corresponding privilege, at least one of a video, a graphic, or a pointer-triggered message that is receivable on demand.

28

171. (currently amended) The method of claim 165, wherein said step of programming using is carried out with said communication including said sound.

172. (currently amended) The method of claim 165, wherein said step of programming using is carried out with said communication including said sound and said video.

173. (currently amended) The method of claim 166, wherein said step of programming using is carried out with said communication including said sound.

174. (currently amended) The method of claim 166, wherein said step of programming using is carried out with said communication including said sound and said video.

175. (currently amended) The method of claim 165, further including the step of sending the communication as an out of band communication.

176. (previously presented) The method of claim 166, further including the step of:

communicating an asynchronous communication from said controller computer to one of said participator computers.

177. (previously presented) The method of claim 165, further including the step of:

communicating an asynchronous communication from said controller computer to one of said participator computers.

178. (previously presented) The method of claim 170, further including the step of:

29

communicating an asynchronous communication from said controller computer to one of said participator computers.

179. (previously presented) The method of claim 5, further including the step of: communicating a user image from one member in the group to another member in the group.

180. (previously presented) The method of claim 6, further including the step of: communicating a user image from one member in the group to another member in the group.

181. (previously presented) The method of claim 10, further including the step of: communicating a user image from one member in the group to another member in the group.

182. (previously presented) The method of claim 23, further including the step of: communicating a user image from one member in the group to another member in the group.

183. (previously presented) The method of claim 1, further including the step of: communicating an asynchronous communication from said controller computer to one of said participator computers.

184.   (previously presented) The method of claim 1, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and

30

content.

185. (previously presented) The method of claim 2, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

186. (previously presented) The method of claim 3, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

187. (previously presented) The method of claim 4, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

188. (previously presented) The method of claim 5, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

189. (previously presented) The method of claim 6, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

190. (previously presented) The method of claim 7, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

31

191. (previously presented)   The method of claim 8, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

192. (previously presented)   The method of claim 9, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

193. (previously presented)   The method of claim 10, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

194. (previously presented)   The method of claim 11, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

195. (previously presented)   The method of claim 12, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

196. (previously presented)   The method of claim 13, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

197. (previously presented)   The method of claim 14, wherein the step of

32

arbitrating includes censoring responsive to at least one of said user identity, group, and content.

198. (previously presented)   The method of claim 15, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

199. (previously presented)   The method of claim 16, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

200. (previously presented)   The method of claim 17, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

201. (previously presented)   The method of claim 18, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

202. (previously presented)   The method of claim 19, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

203. (previously presented)   The method of claim 20, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and

content.

204. (previously presented)   The method of claim 21, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

205. (previously presented)   The method of claim 22, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

206. (previously presented)   The method of claim 23, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

207. (previously presented)   The method of claim 24, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

208. (previously presented)   The method of claim 25, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

209. (previously presented)   The method of claim 26, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

34

210. (previously presented)   The method of claim 27, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

211. (previously presented)   The method of claim 28, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

212. (previously presented)   The method of claim 29, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

213. (previously presented)   The method of claim 30, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

214. (previously presented)   The method of claim 31, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

215. (previously presented)   The method of claim 32, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

216. (previously presented)   The method of claim 1, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

217. (previously presented)   The method of claim 2, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

218. (previously presented)   The method of claim 3, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

219. (previously presented)   The method of claim 4, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

220. (previously presented)   The method of claim 5, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

221. (previously presented)   The method of claim 6, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

222. (previously presented)   The method of claim 7, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

223. (previously presented)   The method of claim 8, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

224. (previously presented)   The method of claim 9, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

225. (previously presented)   The method of claim 10, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

226. (previously presented)   The method of claim 11, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

227. (previously presented)   The method of claim 12, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

228. (previously presented)   The method of claim 13, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

229. (previously presented)   The method of claim 14, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

230. (previously presented)   The method of claim 15, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

231. (previously presented)   The method of claim 16, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

232. (previously presented)   The method of claim 17, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

233. (previously presented)   The method of claim 18, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

234. (previously presented)   The method of claim 19, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

235. (previously presented)   The method of claim 20, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

39

236. (previously presented)   The method of claim 21, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

237. (previously presented)   The method of claim 22, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

238. (previously presented)   The method of claim 23, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

239. (previously presented)   The method of claim 24, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

240. (previously presented)   The method of claim 25, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

40

241. (previously presented) The method of claim 26, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

242. (previously presented) The method of claim 27, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

243. (previously presented) The method of claim 28, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

244. (previously presented) The method of claim 29, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

245. (previously presented) The method of claim 30, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

41

246. (previously presented)   The method of claim 31, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

247. (previously presented)   The method of claim 32, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

248.   (previously presented)   The method of claim 1, wherein the step of arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

249.   (previously presented)   The method of claim 2, wherein the step of arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

250.   (previously presented)   The method of claim 3, wherein the step of arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

251. (previously presented)   The method of claim 4, wherein the step of arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

252. (previously presented)   The method of claim 5, wherein the step of arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

253. (previously presented)   The method of claim 6, wherein the step of arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

254. (previously presented)   The method of claim 7, wherein the step of arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

255. (previously presented)   The method of claim 8, wherein the step of arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

43

256. (previously presented)   The method of claim 9, wherein the step of arbitrating includes:

proviiding private, real time communication over the Internet network, with said controller computer, between some of the group.

257. (previously presented)   The method of claim 10, wherein the step of arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

258. (previously presented)   The method of claim 11, wherein the step of arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

259. (previously presented)   The method of claim 12, wherein the step of arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

260. (previously presented)   The method of claim 13, wherein the step of arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

44

261. (previously presented)   The method of claim 14, wherein the step of arbitrating includes:

proviidng private, real time communication over the Internet network, with said controller computer, between some of the group.

262. (previously presented)   The method of claim 15, wherein the step of arbitrating includes:

proviidng private, real time communication over the Internet network, with said controller computer, between some of the group.

263. (previously presented)   The method of claim 16, wherein the step of arbitrating includes:

proviidng private, real time communication over the Internet network, with said controller computer, between some of the group.

264. (previously presented)   The method of claim 17, wherein the step of arbitrating includes:

proviidng private, real time communication over the Internet network, with said controller computer, between some of the group.

265. (previously presented)   The method of claim 18, wherein the step of arbitrating includes:

proviidng private, real time communication over the Internet network, with said controller computer, between some of the group.

266. (previously presented)   The method of claim 19, wherein the step of arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

267. (previously presented)   The method of claim 20, wherein the step of arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

268. (previously presented)   The method of claim 21, wherein the step of arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

269. (previously presented)   The method of claim 22, wherein the step of arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

270. (previously presented)   The method of claim 23, wherein the step of arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

271. (previously presented)   The method of claim 24, wherein the step of arbitrating includes:

proviquoting private, real time communication over the Internet network, with said controller computer, between some of the group.

272. (previously presented)   The method of claim 25, wherein the step of arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

273. (previously presented)   The method of claim 26, wherein the step of arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

274. (previously presented)   The method of claim 27, wherein the step of arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

275. (previously presented)   The method of claim 28, wherein the step of arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

47

276. (previously presented)   The method of claim 29, wherein the step of arbitrating includes:

      providing private, real time communication over the Internet network, with said controller computer, between some of the group.

277. (previously presented)   The method of claim 30, wherein the step of arbitrating includes:

      providing private, real time communication over the Internet network, with said controller computer, between some of the group.

278. (previously presented)   The method of claim 31, wherein the step of arbitrating includes:

      providing private, real time communication over the Internet network, with said controller computer, between some of the group.

279. (previously presented)   The method of claim 32, wherein the step of arbitrating includes:

      providing private, real time communication over the Internet network, with said controller computer, between some of the group.

280. (previously presented)   The method of claim 170, further including the step of:

      determining a user's age corresponding to said user identity.

281. (previously presented)   The method of claim 170, wherein the step of

48

arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

282. (previously presented)   The method of claim 170, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

283. (previously presented)   The method of claim 170, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

284. (previously presented)   The method of claim 170, further including the step of:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

285. (previously presented)   The method of claim 33, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

49

286. (previously presented)   The method of claim 34, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

287. (previously presented)   The method of claim 35, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

288. (previously presented)   The method of claim 36, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

289. (previously presented)   The method of claim 37, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

290. (previously presented)   The method of claim 38, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

50

291. (previously presented)   The method of claim 39, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

292. (previously presented)   The method of claim 40, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

293. (previously presented)   The method of claim 41, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

294. (previously presented)   The method of claim 42, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

295. (previously presented)   The method of claim 43, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

296. (previously presented)   The method of claim 44, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

297. (previously presented)   The method of claim 45, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

298. (previously presented)   The method of claim 46, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

299. (previously presented)   The method of claim 47, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

300. (previously presented)   The method of claim 48, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

301. (previously presented)   The method of claim 49, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

302. (previously presented)   The method of claim 50, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

303. (previously presented)   The method of claim 51, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

304. (previously presented)   The method of claim 52, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

305. (previously presented)   The method of claim 53, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

306. (previously presented)   The method of claim 54, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

307. (previously presented)   The method of claim 55, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

308. (previously presented)   The method of claim 56, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

309. (previously presented)   The method of claim 57, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

310. (previously presented)   The method of claim 58, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

54

311. (previously presented)   The method of claim 59, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

312. (previously presented)   The method of claim 60, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

313. (previously presented)   The method of claim 61, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

314. (previously presented)   The method of claim 62, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

315. (previously presented)   The method of claim 63, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

316. (previously presented)   The method of claim 33, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

317. (previously presented)   The method of claim 34, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

318. (previously presented)   The method of claim 35, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

319. (previously presented)   The method of claim 36, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

320. (previously presented)   The method of claim 37, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

321. (previously presented)   The method of claim 38, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

322. (previously presented)   The method of claim 39, wherein the step of

arbitrating includes censoring responsive to at least one of said user identity, group, and content.

323. (previously presented) The method of claim 40, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

324. (previously presented) The method of claim 41, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

325. (previously presented) The method of claim 42, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

326. (previously presented) The method of claim 43, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

327. (previously presented) The method of claim 44, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

328. (previously presented) The method of claim 45, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and

content.

329. (previously presented)   The method of claim 46, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

330. (previously presented)   The method of claim 47, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

331. (previously presented)   The method of claim 48, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

332. (previously presented)   The method of claim 49, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

·333. (previously presented)   The method of claim 50, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

334. (previously presented)   The method of claim 51, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

335. (previously presented)   The method of claim 52, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

336. (previously presented)   The method of claim 53, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

337. (previously presented)   The method of claim 54, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

338. (previously presented)   The method of claim 55, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

339. (previously presented)   The method of claim 56, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

340. (previously presented)   The method of claim 57, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

341. (previously presented)   The method of claim 58, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

342. (previously presented)   The method of claim 59, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

343. (previously presented)   The method of claim 60, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

344. (previously presented)   The method of claim 61, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

345. (previously presented)   The method of claim 62, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

346. (previously presented)   The method of claim 63, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

347. (previously presented)   The method of claim 33, wherein the step of

60

arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

348. (previously presented)   The method of claim 34, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

349. (previously presented)   The method of claim 35, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

350. (previously presented)   The method of claim 36, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

351. (previously presented)   The method of claim 37, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

352. (previously presented)   The method of claim 38, wherein the step of

61

arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

353. (previously presented)   The method of claim 39, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

354. (previously presented)   The method of claim 40, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

355. (previously presented)   The method of claim 41, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

356. (previously presented)   The method of claim 42, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

357. (previously presented)   The method of claim 43, wherein the step of

arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

358. (previously presented)   The method of claim 44, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

359. (previously presented)   The method of claim 45, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

360. (previously presented)   The method of claim 46, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

361. (previously presented)   The method of claim 47, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

362. (previously presented)   The method of claim 48, wherein the step of

63

arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

363. (previously presented)   The method of claim 49, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

364. (previously presented)   The method of claim 50, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

365. (previously presented)   The method of claim 51, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

366. (previously presented)   The method of claim 52, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

367. (previously presented)   The method of claim 53, wherein the step of

arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

368. (previously presented)   The method of claim 54, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

369. (previously presented)   The method of claim 55, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

370. (previously presented)   The method of claim 56, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

371. (previously presented)   The method of claim 57, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

372. (previously presented)   The method of claim 58, wherein the step of

65

arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

373. (previously presented)   The method of claim 59, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

374. (previously presented)   The method of claim 60, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

375. (previously presented)   The method of claim 61, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

376. (previously presented)   The method of claim 62, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

377. (previously presented)   The method of claim 63, wherein the step of

arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

378. (previously presented)The method of claim 33, further including the step of:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

379. (previously presented)The method of claim 34, further including the step of:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

380. (previously presented)The method of claim 35, further including the step of:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

381. (previously presented) The method of claim 36, further including the step of:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the

67

plurality of computers, said group communications capability including private communication window capability.

382. (previously presented) The method of claim 37, further including the step of:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

383. (previously presented) The method of claim 38, further including the step of:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

384. (previously presented) The method of claim 39, further including the step of:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

385. (previously presented) The method of claim 40, further including the step of:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication

68

window capability.

386. (previously presented) The method of claim 41, further including the step of:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

387. (previously presented) The method of claim 42, further including the step of:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

388. (previously presented) The method of claim 43, further including the step of:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

389. (previously presented) The method of claim 44, further including the step of:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

69

390. (previously presented) The method of claim 45, further including the step of:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

391. (previously presented) The method of claim 46, further including the step of:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

392. (previously presented) The method of claim 47, further including the step of:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

393. (previously presented) The method of claim 48, further including the step of:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

394. (previously presented) The method of claim 49, further including the step of:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

395. (previously presented) The method of claim 50, further including the step of:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

396. (previously presented) The method of claim 51, further including the step of:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

397. (previously presented) The method of claim 52, further including the step of:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

398. (previously presented) The method of claim 53, further including the step of:

71

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

399. (previously presented) The method of claim 54, further including the step of:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

400. (previously presented) The method of claim 55, further including the step of:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

401. (previously presented) The method of claim 56, further including the step of:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

402. (previously presented) The method of claim 57, further including the step of:

providing group communications capability, with said controller computer, to

handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

403. (previously presented) The method of claim 58, further including the step of:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

404. (previously presented) The method of claim 59, further including the step of:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

405. (previously presented) The method of claim 60, further including the step of:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

406. (previously presented) The method of claim 61, further including the step of:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the

73

plurality of computers, said group communications capability including private communication window capability.

407. (previously presented) The method of claim 62, further including the step of:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

408. (previously presented) The method of claim 63, further including the step of:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

409. (currently amended) A method of using a computer system to communicate over an Internet network, the method including the steps of:

connecting a plurality of participator computers with a controller computer through the Internet network, each said participator computer connected to an input device and to an output device;

respectively storing a log in name and a password corresponding to each of a plurality of user identities;

receiving one said log in name and one said password, respectively from each of said participator computers;

arbitrating with the controller computer, in accordance with predefined rules

74

~~including a test for an authenticated user identity, to respectively determine~~ <u>determining</u> which
~~ones~~ of the participator computers can communicate <u>with an other of the participator</u>
<u>computers, wherein some</u> communications <u>are</u> in real time over the Internet network; and

provide a member associated image and ~~respective~~ <u>corresponding</u> member
identity information under control of said controller computer<u>, respectively</u> to ~~the ones~~ <u>some</u> of
the participator computers.

410. (previously presented) The method of claim 409, further including the step
of:

determining a user's age corresponding to said user identity.

411. (previously presented)   The method of claim 410, further including the step
of:

communicating, with said controller computer, an asynchronous message from
one of the participator computers to another of the participator computers.

412. (previously presented)   The method of claim 410, further including the step
of censoring, with said controller computer, unwanted communication from a member.

413. (previously presented)   The method of claim 410, wherein the step of
arbitrating includes distributing chat communications to a chat group real time over the Internet
network.

414. (previously presented)   The method of claim 413, further including the step
of providing, with said controller computer, private chat capability to the participator computers.

75

415. (previously presented)   The method of claim 413, further including the step of providing, with said controller computer, private communication window capability to the participator computers.

416. (previously presented)   The method of claim 410, further including the step of communicating, with said controller computer, human communication sound to the participator computers.

417. (previously presented)   The method of claim 410, further including the step of providing, with said controller computer, video to the participator computers.

418. (previously presented)   The method of claim 416, further including the step of providing, with said controller computer, video to the participator computers.

419. (previously presented)   The method of claim 410, wherein the step of arbitrating is carried out with some of said communications including text.

420. (previously presented)   The method of claim 410, wherein the step of arbitrating is carried out with some of said communications communicated out of band.

421. (previously presented)   The method of claim 410, wherein the step of arbitrating is carried out with some of said communications including multimedia media messages.

76

422. (previously presented)   The method of claim 409, further including the step of controlling, with said controller computer, invisible viewing of the communications.

423. (previously presented)   The method of claim 410, further including the step of controlling, with said controller computer, invisible viewing of the communications.

424. (previously presented)   The method of claim 411, further including the step of controlling, with said controller computer, invisible viewing of the communications.

425. (previously presented)   The method of claim 412, further including the step of controlling, with said controller computer, invisible viewing of the communications.

426. (previously presented)   The method of claim 413, further including the step of controlling, with said controller computer, invisible viewing of the communications.

427. (previously presented)   The method of claim 414, further including the step of controlling, with said controller computer, invisible viewing of the communications.

428. (previously presented)   The method of claim 415, further including the step of controlling, with said controller computer, invisible viewing of the communications.

429. (previously presented)   The method of claim 416, further including the step of controlling, with said controller computer, invisible viewing of the communications.

430. (previously presented)   The method of claim 417, further including the step

of controlling, with said controller computer, invisible viewing of the communications.

431. (previously presented) The method of claim 418, further including the step of controlling, with said controller computer, invisible viewing of the communications.

432. (previously presented) The method of claim 419, further including the step of controlling, with said controller computer, invisible viewing of the communications.

433. (previously presented) The method of claim 420, further including the step of controlling, with said controller computer, invisible viewing of the communications.

434. (previously presented) The method of claim 421, further including the step of controlling, with said controller computer, invisible viewing of the communications.

435. (currently amended) A system using computers to communicate over an Internet network, the system including:

a plurality of participator computers connected with a controller computer through the Internet network, each said participator computer respectively connected to the controller computer subsequent to sending a respective log in name and a password corresponding to a user identity connected to an input device and to an output device, the controller computer programmed enabled to carry out the steps of: arbitrating, in accordance with predefined rules including a test for an authenticated user identity, to determine

respectively storing a set of privileges corresponding to each of a plurality of user identities, the set including a privilege to receive non-textual communication; and

determining which ones of the participator computers can form a group to

78

communicate communications in real time over the Internet network, said communications respectively in accordance with the corresponding privilege, the participator computers respectively ~~programmed~~ enabled to send and receive said communications including at least one of a video, a graphic, graphical multimedia, or a pointer-triggered message that is receivable on demand.

436. (previously presented) The system of claim 435, wherein one of said communications comprises said pointer-triggered message.

437. (previously presented) The system of claim 435, wherein one of said communications comprises said pointer-triggered message and said graphic and further comprises a human communication sound.

438. (previously presented) The system of claim 435, wherein one of said communications comprises said pointer-triggered message and said video and said graphic.

439. (previously presented) The system of claim 435, wherein one of said communications further comprises a human communication sound.

440. (previously presented) The system of claim 435, wherein one of said communications comprises said video and further comprises a human communication sound.

441. (previously presented) The system of claim 435, wherein one of said communications comprises said graphic and further comprises a human communication sound.

442. (previously presented)   The system of claim 435, wherein one of said communications comprises said pointer-triggered message and further comprises a human communication sound.

443. (previously presented)   The system of claim 435, wherein one of said communications further comprises a human communication sound, and wherein some of said communications include text or ascii.

444. (previously presented)   The system of claim 435, wherein one of said communications comprises said video.

445. (previously presented)   The system of claim 435, wherein one of said communications comprises said video and said graphic.

446. (previously presented)   The system of claim 435, wherein one of said communications comprises said video and said pointer-triggered message.

447. (previously presented)   The system of claim 435, wherein one of said communications comprises said video, and wherein some of said communications include text or ascii.

448. (previously presented)   The system of claim 435, wherein one of said communications comprises said graphic.

449. (previously presented)   The system of claim 435, wherein one of

80

said communications comprises said graphic and said pointer-triggered message.

450. (previously presented)   The system of claim 435, wherein one of said communications comprises said graphic, and wherein some of said communications include text or ascii.

451. (previously presented)   The system of claim 435, wherein one of said communications comprises said video and said graphic and further comprises a human communication sound.

452. (previously presented)   The system of claim 435, wherein one of said communications comprises said video and said pointer-triggered message and further comprises a human communication sound.

453. (previously presented)   The system of claim 435, wherein one of said communications comprises said vide and further comprises a human communication sound, and wherein some of said communications include text or ascii.

454. (previously presented)   The system of claim 435, wherein one of said communications comprises said video and said graphic and said pointer-triggered message and further comprises a human communication sound.

455. (previously presented)   The system of claim 435, wherein one of said communications comprises said video and said pointer-triggered message and further comprises a human communication sound, and wherein some of said communications include

81

text or ascii.

456. (previously presented)   The system of claim 435, wherein one of said communications comprises said video and said graphic and said pointer-triggered message and further comprises a human communication sound, and wherein some of said communications include text or ascii.

457. (previously presented)   The system of claim 435, wherein some of said communications include text or ascii.

458. (previously presented)   The system of claim 435, wherein one of said communications comprises said graphic and further comprises a human communication sound, and wherein some of said communications include text or ascii.

459. (previously presented)   The system of claim 435, wherein one of said communications comprises said graphic and said video, and wherein some of said communications include text or ascii.

460. (previously presented)   The system of claim 435, wherein one of said communications comprises said pointer-triggered message, and wherein some of said communications include text or ascii.

461. (previously presented)   The system of claim 435, wherein one of said communications comprises said pointer-triggered message and said video, and wherein some of said communications include text or ascii.

462. (previously presented)   The system of claim 435, wherein one of said communications comprises video and said graphic and further comprises a human communication sound, and wherein some of said communications include text or ascii.

463. (previously presented)   The system of claim 435, wherein one of said communications comprises said pointer-triggered message and further comprises a human communication sound, and wherein some of said communications include text or ascii.

464. (previously presented)   The system of claim 435, wherein one of said communications comprises said pointer-triggered message and said graphic and further comprises a human communication sound, and wherein some of said communications include text or ascii.

465. (previously presented)   The system of claim 435, wherein one of said communications comprises video and said graphic and said pointer-triggered message, and wherein some of said communications include text or ascii.

466. (previously presented)   The system of claim 435, wherein one of said communications comprises said graphic and said pointer-triggered message, and wherein some of said communications include text or ascii.

467. (currently amended)   The system of claim 604, wherein said step of arbitrating is carried out with said pointer-triggered message, and wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of arbitrating to determine which of the

83

participator computers can communicate a human communication sound, and which of the participator computers can communicate text or ascii, to the other of the participator computers.

468. (currently amended) The system of claim 604, wherein said step of arbitrating is carried out with said pointer-triggered message and said graphic, and wherein said controller computer is ~~programmed~~ enabled to carry out the step of arbitrating to determine which of the participator computers can communicate test or ascii, to the other of the participator computers.

469. (currently amended) The system of claim 604, wherein said step of arbitrating is carried out with said video and said graphic, and wherein said controller computer is ~~programmed~~ enabled to carry out the step of arbitrating to determine which of the participator computers can communicate a human communication sound, and which of the participator computers can communicate text or ascii, to the other of the participator computers.

470. (currently amended)   The system of claim 604, wherein said step of arbitrating is carried out with said graphic and said pointer-triggered message, and wherein said controller computer is ~~programmed~~ enabled to carry out the step of arbitrating to determine which of the participator computers can communicate a human communication sound, and which of the participator computers can communicate text or ascii, to the other of the participator computers.

471. (currently amended) The system of claim 604, wherein said step of arbitrating is carried out with said graphic and said video, and wherein said controller computer is ~~programmed~~ enabled to carry out the step of arbitrating to determine which of the participator

computers can communicate text or ascii to the other of the participator computers.

472. (currently amended)   The system of claim 604, wherein said step of arbitrating is carried out with said video and said graphic and said pointer-triggered message, and wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of arbitrating to determine which of the participator computers can communicate text or ascii to the other of the participator computers.

473. (currently amended)   The system of claim 604, wherein said step of arbitrating is carried out with said video and said pointer-triggered message, and wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of arbitrating to determine which of the participator computers can communicate text or ascii to the other of the participator computers.

474. (previously presented)   The system of claim 604, wherein said step of arbitrating is carried out with said video and said graphic and said pointer-triggered message.

475. (currently amended) The system of claim 604, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of arbitrating to determine which of the participator computers can communicate a human communication sound to the other of the personal computers.

476. (currently amended) The system of claim 604, wherein said step of arbitrating is carried out with said video, and said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of arbitrating to determine which of the participator computers can

85

communicate a human communication sound to the other of the personal computers.

477. (currently amended) The system of claim 604, wherein said step of arbitrating is carried out with said graphic, and said controller computer is ~~programmed~~ enabled to carry out the step of arbitrating to determine which of the participator computers can communicate a human communication sound to the other of the personal computers.

478. (currently amended) The system of claim 604, wherein said step of arbitrating is carried out with said pointer-triggered message, and said controller computer is ~~programmed~~ enabled to carry out the step of arbitrating to determine which of the participator computers can communicate a human communication sound to the other of the personal computers.

479. (currently amended) The system of claim 604, wherein said controller computer is ~~programmed~~ enabled to carry out the step of arbitrating to determine which of the participator computers can communicate a human communication sound, and which of the participator computers can communicate text or ascii, to the other of the participator computers.

480. (previously presented) The system of claim 604, wherein said step of arbitrating is carried out with said video.

481. (previously presented) The system of claim 604, wherein said step of arbitrating is carried out with said video and said graphic.

482. (previously presented) The system of claim 604, wherein said step of

86

arbitrating is carried out with said video and said pointer-triggered message.

483. (currently amended) The system of claim 604, wherein said step of arbitrating is carried out with said video, and wherein said controller computer is ~~programmed~~ enabled to carry out the step of arbitrating to determine which of the participator computers can communicate text or ascii to the other of the participator computers.

484. (previously presented)   The system of claim 604, wherein said step of arbitrating is carried out with said graphic.

485. (previously presented)   The system of claim 604, wherein said step of arbitrating is carried out with said graphic and said pointer-triggered message.

486. (currently amended) The system of claim 604 , wherein said step of arbitrating is carried out with said graphic, and wherein said controller computer is ~~programmed~~ enabled to carry out the step of arbitrating to determine which of the participator computers can communicate text or ascii to the other of the participator computers.

487. (currently amended) The system of claim 604, wherein said step of arbitrating is carried out with said video and said graphic, and said controller computer is ~~programmed~~ enabled to carry out the step of arbitrating to determine which of the participator computers can communicate a human communication sound to the other of the personal computers.

488. (currently amended)   The system of claim 604, wherein said step of

87

arbitrating is carried out with said video and said pointer-triggered message, and said and said controller computer is ~~programmed~~ enabled to carry out the step of arbitrating to determine which of the participator computers can communicate a human communication sound to the other of the personal computers .

489. (currently amended) The system of claim 604, wherein said step of arbitrating is carried out with said video, and wherein said controller computer is ~~programmed~~ enabled to carry out the step of arbitrating to determine which of the participator computers can communicate a human communication sound, and which of the participator computers can communicate text or ascii, to the other of the participator computers.

490. (previously presented) The system of claim 604, wherein said step of arbitrating is carried out with said sound and said video and said graphic and said pointer-triggered message.

491. (currently amended) The system of claim 604, wherein said step of arbitrating is carried out with said sound and said video and said pointer-triggered message, and wherein said controller computer is ~~programmed~~ enabled to carry out the step of arbitrating to determine which of the participator computers can communicate text or ascii to the other of the participator computers.

492. (currently amended) The system of claim 604, wherein said step of arbitrating is carried out with said video and said graphic and said pointer-triggered message, and wherein said controller computer is ~~programmed~~ enabled to carry out the step of arbitrating to determine which of the participator computers can communicate a human communication

sound, and which of the participator computers can communicate text or ascii, to the other of the participator computers.

493. (currently amended) The system of claim 604 , wherein said step of arbitrating is carried out with said graphic and said pointer-triggered message, and said controller computer is ~~programmed~~ enabled to carry out the step of arbitrating to determine which of the participator computers can communicate a human communication sound to the other of the personal computers.

494. (currently amended) The system of claim 604, wherein said step of arbitrating is carried out with said pointer-triggered message, and wherein said controller computer is ~~programmed~~ enabled to carry out the step of arbitrating to determine which of the participator computers can communicate text or ascii to the other of the participator computers.

495. (currently amended) The system of claim 604, wherein said controller computer is ~~programmed~~ enabled to carry out the step of arbitrating to determine which of the participator computers can communicate text or ascii to the other of the participator computers.

496. (previously presented)   The system of claim 604, wherein said step of arbitrating is carried out with said pointer-triggered message.

497. (currently amended) The system of claim 604, wherein said step of arbitrating is carried out with graphic, and wherein said controller computer is ~~programmed~~ enabled to carry out the step of arbitrating to determine which of the participator computers can communicate a human communication sound, and which of the participator computers can

89

communicate text or ascii, to the other of the participator computers.

498. (currently amended) T he system of claim 435, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

499. (currently amended) The system of claim 436, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

500. (currently amended)   The system of claim 437, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

501. (currently amended) The system of claim 438, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

502. (currently amended) The system of claim 439, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

503. (currently amended)   The system of claim 440, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

90

504. (currently amended) The system of claim 441, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

505. (currently amended) The system of claim 442, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

506. (currently amended)   The system of claim 443, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

507. (currently amended) The system of claim 444, whe rein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

508. (currently amended)   The system of claim 445, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

509. (currently amended) The system of claim 446, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

91

510. (currently amended) The system of claim 447, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

511. (currently amended)   The system of claim 448, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

512. (currently amended) The system of claim 449, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

513. (currently amended) The system of claim 450, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

514. (currently amended)   The system of claim 451, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

515. (currently amended)   The system of claim 452, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

516. (currently amended)   The system of claim 453, wherein said controller

92

computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

517. (currently amended)   The system of claim 454, wherein said controller

computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

518. (currently amended)   The system of claim 455, wherein said controller

computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

519. (currently amended)   The system of claim 456, wherein said controller

computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

520. (currently amended)   The system of claim 457, wherein said controller

computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

521. (currently amended)   The system of claim 458, wherein said controller

computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

522. (currently amended)   The system of claim 459, wherein said controller

computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

523. (currently amended)   The system of claim 460, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

524. (currently amended)   The system of claim 461, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

525. (currently amended)   The system of claim 462, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

526. (currently amended)   The system of claim 463, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

527. (currently amended)   The system of claim 464, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

528. (currently amended)   The system of claim 465, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

94

529. (currently amended)   The system of claim 466, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

530. (currently amended)   The system of claim 467, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

531. (currently amended)   The system of claim 468, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

532. (currently amended)   The system of claim 469, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

533. (currently amended)   The system of claim 470, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

534. (currently amended)   The system of claim 471, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

535. (currently amended)   The system of claim 472, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

536. (currently amended)   The system of claim 473, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

537. (currently amended)   The system of claim 474, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

538. (currently amended)   The system of claim 475, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

539. (currently amended)   The system of claim 476, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

540. (currently amended)   The system of claim 477, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

541. (currently amended) The system of claim 478, wherein said controller

computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

542. (currently amended)   The system of claim 479, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

543. (currently amended)   The system of claim 480, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

544. (currently amended)   The system of claim 481, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

545. (currently amended)   The system of claim 482, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

546. (currently amended)   The system of claim 483, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

547. (currently amended)   The system of claim 484, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

548. (currently amended)   The system of claim 485, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

549. (currently amended)   The system of claim 486, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

550. (currently amended)   The system of claim 487, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

551. (currently amended)   The system of claim 488, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

552. (currently amended)   The system of claim 489, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

553. (currently amended)   The system of claim 490, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

554. (currently amended)   The system of claim 491, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

555. (currently amended)   The system of claim 492, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

556. (currently amended)   The system of claim 493, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

557. (currently amended)   The system of claim 494, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

558. (currently amended)   The system of claim 495, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

559. (currently amended)   The system of claim 496, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

determining a user's age corresponding to said user identity.

99

560. (currently amended) The system of claim 497, wherein said controller computer is ~~programmed~~ enabled to carry out the step of:

determining a user's age corresponding to said user identity.

561. (previously presented) The system of claim 435, wherein the step of arbitrating includes authorizing a moderator for said communications.

562. (previously presented) The system of claim 436, wherein the step of arbitrating includes authorizing a moderator for said communications.

563. (currently amended) The system of claim 437, wherein said controller computer is ~~programmed~~ enabled to carry out the step of arbitrating includes authorizing a moderator for said communications.

564. (currently amended) The system of claim 438, wherein said controller computer is ~~programmed~~ enabled to carry out the step of arbitrating includes authorizing a moderator for said communications.

565. (currently amended) The system of claim 439, wherein said controller computer is ~~programmed~~ enabled to carry out the step of arbitrating includes authorizing a moderator for said communications.

566. (currently amended) The system of claim 440, wherein said controller computer is ~~programmed~~ enabled to carry out the step of arbitrating includes authorizing a moderator for said communications.

100

567. (currently amended)   The system of claim 441, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of arbitrating includes authorizing a moderator for said communications.

568. (currently amended)   The system of claim 442, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of arbitrating includes authorizing a moderator for said communications.

569. (currently amended)   The system of claim 443, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of arbitrating includes authorizing a moderator for said communications.

570. (currently amended)   The system of claim 444, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of arbitrating includes authorizing a moderator for said communications.

571. (previously presented) The system of claim 445, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of arbitrating includes authorizing a moderator for said communications.

572. (currently amended)   The system of claim 446, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of arbitrating includes authorizing a moderator for said communications.

101

573. (currently amended)   The system of claim 447, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of arbitrating includes authorizing a moderator for said communications.

574. (currently amended)   The system of claim 448, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of arbitrating includes authorizing a moderator for said communications.

575. (currently amended)   The system of claim 449, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of arbitrating includes authorizing a moderator for said communications.

576. (currently amended)   The system of claim 450, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of arbitrating includes authorizing a moderator for said communications.

577. (currently amended)   The system of claim 451, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of arbitrating includes authorizing a moderator for said communications.

578. (currently amended)   The system of claim 452, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of arbitrating includes authorizing a moderator for said communications.

579. (currently amended)   The system of claim 453, wherein said controller

computer is ~~programmed~~ <u>enabled</u> to carry out the step of arbitrating includes authorizing a moderator for said communications.

580. (currently amended)   The system of claim 454, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of arbitrating includes authorizing a moderator for said communications.

581. (currently amended)   The system of claim 455, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of arbitrating includes authorizing a moderator for said communications.

582. (currently amended)   The system of claim 456, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of arbitrating includes authorizing a moderator for said communications.

583. (currently amended)   The system of claim 457, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of arbitrating includes authorizing a moderator for said communications.

584. (currently amended)   The system of claim 458, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of arbitrating includes authorizing a moderator for said communications.

585. (currently amended)   The system of claim 459, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of arbitrating includes authorizing a

moderator for said communications.

586. (currently amended)   The system of claim 460, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of arbitrating includes authorizing a moderator for said communications.

587. (previously presented)   The system of claim 461, wherein the step of arbitrating includes authorizing a moderator for said communications.

588. (currently amended) The system of claim 462, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of arbitrating includes authorizing a moderator for said communications.

589. (currently amended) The system of claim 463, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of arbitrating includes authorizing a moderator for said communications.

590. (currently amended) The system of claim 464, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of arbitrating includes authorizing a moderator for said communications.

591. (currently amended) The system of claim 465, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of arbitrating includes authorizing a moderator for said communications.

591. (previously presented)   The system of claim 466, wherein the step of arbitrating includes authorizing a moderator for said communications.

592. (currently amended) The method of claim 165, wherein said step of ~~programming~~ using is carried out with said sound being a human communication sound.

593. (currently amended) The system of claim 604, wherein said controller computer is ~~programmed~~ enabled to determine which of the participator computers can communicate a user image to the other of the participator computers.

594. (currently amended) The system of claim 475, wherein said controller computer is ~~programmed~~ enabled to determine which of the participator computers can communicate a user image to the other of the participator computers.

595. (currently amended) The system of claim 476, wherein said controller computer is ~~programmed~~ enabled to determine which of the participator computers can communicate a user image to the other of the participator computers.

596. (currently amended) The syst em of claim 480, wherein said controller computer is ~~programmed~~ enabled to determine which of the participator computers can communicate a user image to the other of the participator computers.

597. (currently amended) The system of claim 495, wherein sa id controller computer is ~~programmed~~ enabled to determine which of the participator computers can communicate a user image to the other of the participator computers.

105

598. (currently amended) The system of claim 435, wherein said controller computer is ~~programmed~~ <u>enabled</u> to carry out the step of:

communicating a user image from one member in the group to another member in the group.

599. (currently amended) A computer system distributing communication over an Internet network, the system including: ~~a controller computer programmed to carry out the step of obtaining a respective authenticated user identity over the Internet network, said user identity for respective use on each of a plurality of participator computers, each said participator computer connected to an input device and to an output device and connected to said Internet network, the participator computers programmed to enable the communication, including a sound, a video, a graphic, or multimedia; wherein:~~

~~said authenticated user identity is used to communicate a pointer-triggered message from one of said participator computers to said controller computer and from said controller computer to an other of said participator computers; and~~

~~said pointer-triggered message is used to receive the communication at the other of said participator computers in real time over the Internet network.~~

<u>a controller computer, a first participator computer, and with a second participator computer;</u>

<u>participator software respectively on the participator computers to enable the communication, including at least one of a video, graphic, sound, or multimedia; wherein said computers are enabled to cooperate in carrying out the steps of:</u>

<u>subsequent to said participator computers respectively sending an authenticated user identity, communicating a message comprising text or ascii, and a member public data</u>

106

reference, from the first participator computer to said controller computer and from said controller computer to the second participator computer; and

using said member public data reference to receive the communication from the first participator computer at the second participator computer in real time over the Internet network.

600. (currently amended) The system of claim 599, wherein said controller computer is further ~~programmed~~ enabled to carry out the step of:

determining a user's age corresponding to said user identity.

601. (previously presented)   The system of claim 599, wherein communication includes the video.

602. (previously presented)   The system of claim 600, wherein communication includes the video.

603. (currently amended) The system of claim 599, wherein said controller computer is further ~~programmed~~ enabled to carry out the step of forming a chat channel over the Internet network and arbitrating channel communications between said participator computers at said controller computer.

604. (currently amended) A system using computers to communicate over an Internet network, the system including:

a plurality of participator computers connected with a controller computer, at least one of said participator computers connected through the Internet network subsequent to

107

sending a log in name and a password corresponding to a user identity, ~~each said participator~~

~~computer connected to an input device and to an output device~~; wherein~~:~~

the controller computer is ~~programmed~~ enabled to carry out the steps of~~:~~

           storing a set of privileges corresponding to said user identity, the set including a

privilege to receive non-textual communication; and

       determining ~~arbitrating, in accordance with predefined rules including a test for an~~

~~authenticated user identity to determine~~ which of the participator computers can communicate

to an other of the participator computers over the Internet network in real time, at least one of a

video, a graphic, or a pointer-triggered message that is receivable on demand.

605. (previously presented)   The system of claim 599, wherein said

communication ~~including~~ comprises said sound.

606. (previously presented)   The system of claim 599, wherein said

communication comprises said sound and said video.

607. (previously presented)   The system of claim 600, wherein said

communication comprises said sound.

608. (previously presented)   The system of claim 600, wherein said

communication comprises said and said video.

609. (currently amended) The system of claim 599, wherein said controller

computer is further ~~programmed~~ enabled to carry out the step of sending the communication as

an out of band communication.

108

610. (currently amended) The system of claim 600, wherein said controller computer is further ~~programmed~~ <u>enabled</u> to carry out the step of communicating an asynchronous communication from said controller computer to one of said participator computers.

611. (currently amended) The system 599, wherein said controller computer is further ~~programmed~~ <u>enabled</u> to carry out the step of communicating an asynchronous communication from said controller computer to one of said participator computers.

612. (currently amended) The system of claim 604, wherein said controller computer is further ~~programmed~~ <u>enabled</u> to carry out the step of communicating an asynchronous communication from said controller computer to one of said participator computers.

613. (currently amended) The system of claim 439, wherein said controller computer is further ~~programmed~~ <u>enabled</u> to carry out the step of communicating a user image from one member in the group to another member in the group.

614. (currently amended) The system of claim 440, wherein said controller computer is further ~~programmed~~ <u>enabled</u> to carry out the step of communicating a user image from one member in the group to another member in the group.

615. (currently amended) The system of claim 444, wherein said controller computer is further ~~programmed~~ <u>enabled</u> to carry out the step of communicating a user image

from one member in the group to another member in the group.

616. (currently amended)   The system of claim 457, wherein said controller computer is further ~~programmed~~ enabled to carry out the step of communicating a user image from one member in the group to another member in the group.

617. (currently amended) The system of claim 435, wherein said controller computer is further ~~programmed~~ enabled to carry out the step of communicating an asynchronous communication from said controller computer to one of said participator computers.

618.   (previously presented) The system of claim 435, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

619.   (previously presented) The system of claim 436, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

620.   (previously presented) The system of claim 437, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

621.   (previously presented) The system of claim 438, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and

content.

622. (previously presented) The system of claim 439, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

623. (previously presented) The system of claim 440, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

624. (previously presented) The system of claim 441, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

625. (previously presented) The system of claim 442, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

626. (previously presented) The system of claim 443, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

627. (previously presented) The system of claim 444, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

111

628. (previously presented)   The system of claim 445, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

629. (previously presented)   The system of claim 446, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

630. (previously presented)   The system of claim 447, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

631. (previously presented)   The system of claim 448, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

632. (previously presented)   The system of claim 449, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

633. (previously presented)   The system of claim 450, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

634. (previously presented)   The system of claim 451, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

635. (previously presented)   The system of claim 452, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

636. (previously presented)   The system of claim 453, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

637. (previously presented)   The system of claim 454, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

638. (previously presented)   The system of claim 455, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

639. (previously presented)   The system of claim 456, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

640. (previously presented)   The system of claim 457, wherein the step of

arbitrating includes censoring responsive to at least one of said user identity, group, and content.

641. (previously presented)   The system of claim 458, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

642. (previously presented)   The system of claim 459, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

643. (previously presented)   The system of claim 460, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

644. (previously presented)   The system of claim 461, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

645. (previously presented)   The system of claim 462, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

646. (previously presented)   The system of claim 463, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and

content.

647. (previously presented)   The system of claim 464, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

648. (previously presented)   The system of claim 465, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

649. (previously presented)   The system of claim 466, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

650. (previously presented)   The system of claim 435, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

651. (previously presented)   The system of claim 436, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

652. (previously presented)   The system of claim 437, wherein the step of

115

arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

653. (previously presented)   The system of claim 438, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

654. (previously presented)   The system of claim 439, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

655. (previously presented)   The system of claim 440, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

656. (previously presented)   The system of claim 441, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

657. (previously presented)   The system of claim 442, wherein the step of

116

arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

658. (previously presented)   The system of claim 443, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

659. (previously presented)   The system of claim 444, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

660. (previously presented)   The system of claim 445, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

661. (previously presented)   The system of claim 446, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

662. (previously presented)   The system of claim 447, wherein the step of

117

arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

663. (previously presented)   The system of claim 448, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

664. (previously presented)   The system of claim 449, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

665. (previously presented)   The system of claim 450, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

666. (previously presented)   The system of claim 451, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

667. (previously presented)   The system of claim 452, wherein the step of

118

arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

668. (previously presented)   The system of claim 453, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

669. (previously presented)   The system of claim 454, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

670. (previously presented)   The system of claim 455, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

671. (previously presented)   The system of claim 456, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

672. (previously presented)   The system of claim 457, wherein the step of

arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

673. (previously presented)   The system of claim 458, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

674. (previously presented)   The system of claim 459, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

675. (previously presented) The system of claim 460, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

676. (previously presented)   The system of claim 461, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

677. (previously presented)   The system of claim 462, wherein the step of

120

arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

678. (previously presented)   The system of claim 463, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

679. (previously presented)   The system of claim 464, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

680. (previously presented)   The system of claim 465, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

681. (previously presented)   The system of claim 466, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

682.   (previously presented)   The system of claim 435, wherein the step

121

of arbitrating includes:

     providing private, real time communication over the Internet network, with said controller computer, between some of the group.

     683.   (previously presented)   The system of claim 436, wherein the step of arbitrating includes:

     providing private, real time communication over the Internet network, with said controller computer, between some of the group.   .

     684.   (previously presented)   The system of claim 437, wherein the step of arbitrating includes:

     providing private, real time communication over the Internet network, with said controller computer, between some of the group.

     685. (previously presented)   The system of claim 438, wherein the step of arbitrating includes:

     providing private, real time communication over the Internet network, with said controller computer, between some of the group.

     686. (previously presented)   The system of claim 439, wherein the step of arbitrating includes:

     providing private, real time communication over the Internet network, with said controller computer, between some of the group.

     687. (previously presented)   The system of claim 440, wherein the step of

122

arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

688. (previously presented)   The system of claim 441, wherein the step of arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

689. (previously presented)   The system of claim 442, wherein the step of arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

690. (previously presented)   The system of claim 443, wherein the step of arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

691. (previously presented)   The system of claim 444, wherein the step of arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

692. (previously presented)   The system of claim 445, wherein the step of

123

arbitrating includes:

    providing private, real time communication over the Internet network, with said controller computer, between some of the group.

    693. (previously presented)   The system of claim 446, wherein the step of arbitrating includes:

    providing private, real time communication over the Internet network, with said controller computer, between some of the group.

    694. (previously presented)   The system of claim 447, wherein the step of arbitrating includes:

    providing private, real time communication over the Internet network, with said controller computer, between some of the group.

    695. (previously presented)   The system of claim 448, wherein the step of arbitrating includes:

    providing private, real time communication over the Internet network, with said controller computer, between some of the group.

    696. (previously presented)   The system of claim 449, wherein the step of arbitrating includes:

    providing private, real time communication over the Internet network, with said controller computer, between some of the group.

    697. (previously presented) The system of claim 450, wherein the step of

arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

698. (previously presented)   The system of claim 451, wherein the step of arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

699. (previously presented)   The system of claim 452, wherein the step of arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

700. (previously presented)   The system of claim 453, wherein the step of arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

701. (previously presented)   The system of claim 454, wherein the step of arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

702. (previously presented)   The system of claim 455, wherein the step of

arbitrating includes:

provlding private, real time communication over the Internet network, with said controller computer, between some of the group.

703. (previously presented)   The system of claim 456, wherein the step of arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

704. (previously presented)   The system of claim 457, wherein the step of arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

705. (previously presented)   The system of claim 458, wherein the step of arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

706. (previously presented)   The system of claim 459, wherein the step of arbitrating includes:

providing private, real time communication over the Internet network, with said controller computer, between some of the group.

707. (previously presented)   The system of claim 460, wherein the step of

126

arbitrating includes:

> providing private, real time communication over the Internet network, with said controller computer, between some of the group.

708. (previously presented)   The system of claim 461, wherein the step of arbitrating includes:

> providing private, real time communication over the Internet network, with said controller computer, between some of the group.

709. (previously presented)   The system of claim 462, wherein the step of arbitrating includes:

> providing private, real time communication over the Internet network, with said controller computer, between some of the group.

710. (previously presented)   The system of claim 463, wherein the step of arbitrating includes:

> providing private, real time communication over the Internet network, with said controller computer, between some of the group.

711. (previously presented)   The system of claim 464, wherein the step of arbitrating includes:

> providing private, real time communication over the Internet network, with said controller computer, between some of the group.

712. (previously presented)   The system of claim 465, wherein the step of

127

arbitrating includes:

> providing private, real time communication over the Internet network, with said controller computer, between some of the group.

713. (previously presented)   The system of claim 466, wherein the step of arbitrating includes:

> providing private, real time communication over the Internet network, with said controller computer, between some of the group.

714. (currently amended)   The system of claim 604, wherein said controller computer is further ~~programmed~~ enabled to carry out the step of:

> determining a user's age corresponding to said user identity.

715. (previously presented)   The system of claim 604, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

716. (previously presented)   The system of claim 604, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

717. (previously presented)   The system of claim 604, wherein the step of arbitrating includes:

> authorizing, with said controller computer, invisible viewing of some of the

128

communications.

718. (previously presented) The system of claim 604, wherein the step of arbitrating includes:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

719. (previously presented) The system of claim 467, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

720. (previously presented) The system of claim 468, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

721. (previously presented) The system of claim 469, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

722. (previously presented) The system of claim 470, wherein the step of

arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

723. (previously presented)   The system of claim 471, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

724. (previously presented)   The system of claim 472, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

725. (previously presented)   The system of claim 473, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

726. (previously presented)   The system of claim 474, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

727. (previously presented)   The system of claim 475, wherein the step of

130

arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

728. (previously presented)   The system of claim 476, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

729. (previously presented)   The system of claim 477, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

730. (previously presented)   The system of claim 478, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

731. (previously presented)   The system of claim 479, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

732. (previously presented)   The system of claim 480, wherein the step of

131

arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

733. (previously presented)   The system of claim 481, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

734. (previously presented)   The system of claim 482, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

735. (previously presented)   The system of claim 483, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

736. (previously presented)   The system of claim 484, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

737. (previously presented)   The system of claim 485, wherein the step of

132

arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

738. (previously presented)   The system of claim 486, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

739. (previously presented)   The system of claim 487, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

740. (previously presented)   The system of claim 488, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

741. (previously presented)   The system of claim 489, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

742. (previously presented)   The system of claim 490, wherein the step of

133

arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

743. (previously presented)   The system of claim 491, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

744. (previously presented)   The system of claim 492, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

745. (previously presented)   The system of claim 493, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

746. (previously presented)   The system of claim 494, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

747. (previously presented)   The system of claim 495, wherein the step of

134

arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

748. (previously presented) The system of claim 496, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

749. (previously presented) The system of claim 497, wherein the step of arbitrating includes authorizing a moderator for group communications including communications between the one of the plurality of computers and the other of the plurality of computers.

750. (previously presented) The system of claim 467, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

751. (previously presented) The system of claim 468, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

752. (previously presented) The system of claim 469, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

135

753. (previously presented) The system of claim 470, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

754. (previously presented) The system of claim 471, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

755. (previously presented) The system of claim 472, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

756. (previously presented) The system of claim 473, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

757. (previously presented) The system of claim 474, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

758. (previously presented) The system of claim 475, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

759. (previously presented)   The system of claim 476, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

760. (previously presented)   The system of claim 477, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

761. (previously presented)   The system of claim 478, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

762. (previously presented)   The system of claim 479, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

763. (previously presented)   The system of claim 480, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

764. (previously presented)   The system of claim 481, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

765. (previously presented)   The system of claim 482, wherein the step of

137

arbitrating includes censoring responsive to at least one of said user identity, group, and content.

766. (previously presented)   The system of claim 483, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

767. (previously presented)   The system of claim 484, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

768. (previously presented)   The system of claim 485, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

769. (previously presented)   The system of claim 486, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

770. (previously presented)   The system of claim 487, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

771. (previously presented)   The system of claim 488, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and

content.

772. (previously presented)   The system of claim 489, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

773. (previously presented)   The system of claim 490, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

774. (previously presented)   The system of claim 491, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

775. (previously presented)   The system of claim 492, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

776. (previously presented)   The system of claim 493, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

777. (previously presented)   The system of claim 494, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

778. (previously presented)   The system of claim 495, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

779. (previously presented)   The system of claim 496, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

780. (previously presented)   The system of claim 497, wherein the step of arbitrating includes censoring responsive to at least one of said user identity, group, and content.

781. (previously presented)   The system of claim 467, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

782. (previously presented)   The system of claim 468, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

783. (previously presented)   The system of claim 469, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

784. (previously presented)   The system of claim 470, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

785. (previously presented)   The system of claim 471, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

786. (previously presented)   The system of claim 472, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

787. (previously presented)   The system of claim 473, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

788. (previously presented)   The system of claim 474, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

789. (previously presented)   The system of claim 475, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

790. (previously presented)   The system of claim 476, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

791. (previously presented)   The system of claim 477, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

792. (previously presented)   The system of claim 478, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

793. (previously presented)   The system of claim 479, wherein the step of arbitrating includes:

142

authorizing, with said controller computer, invisible viewing of some of the communications.

794. (previously presented)   The system of claim 480, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

795. (previously presented)   The system of claim 481, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

796. (previously presented)   The system of claim 482, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

797. (previously presented)   The system of claim 483, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

798. (previously presented)   The system of claim 484, wherein the step of arbitrating includes:

143

authorizing, with said controller computer, invisible viewing of some of the communications.

799. (previously presented)   The system of claim 485, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

800. (previously presented)   The system of claim 486, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

801. (previously presented)   The system of claim 487, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

802. (previously presented)   The system of claim 488, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

803. (previously presented)   The system of claim 489, wherein the step of arbitrating includes:

144

authorizing, with said controller computer, invisible viewing of some of the communications.

804. (previously presented)   The system of claim 490, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

805. (previously presented)   The system of claim 491, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

806. (previously presented)   The system of claim 492, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

807. (previously presented)   The system of claim 493, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

808. (previously presented)   The system of claim 494, wherein the step of arbitrating includes:

145

authorizing, with said controller computer, invisible viewing of some of the communications.

809. (previously presented) The system of claim 495, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

810. (previously presented) The system of claim 496, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

811. (previously presented) The system of claim 497, wherein the step of arbitrating includes:

authorizing, with said controller computer, invisible viewing of some of the communications.

812. (previously presented) The system of claim 467, wherein the step of arbitrating includes:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

146

813. (previously presented)   The system of claim 468, wherein the step of arbitrating includes:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

814. (previously presented)   The system of claim 469, wherein the step of arbitrating includes:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

815. (previously presented)   The system of claim 470, wherein the step of arbitrating includes:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

816. (previously presented)   The system of claim 471, wherein the step of arbitrating includes:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the

147

plurality of computers, said group communications capability including private communication window capability.

817. (previously presented) The system of claim 472, wherein the step of arbitrating includes:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

818. (previously presented) The system of claim 473, wherein the step of arbitrating includes:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

819. (previously presented) The system of claim 474, wherein the step of arbitrating includes:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

820. (previously presented) The system of claim 475, wherein the step of

148

arbitrating includes:

 providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

 821. (previously presented)   The system of claim 476, wherein the step of arbitrating includes:

 providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

 822. (previously presented)   The system of claim 477, wherein the step of arbitrating includes:

 providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

 823. (previously presented)   The system of claim 478, wherein the step of arbitrating includes:

 providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication

149

window capability.

824. (previously presented) The system of claim 479, wherein the step of arbitrating includes:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

825. (previously presented) The system of claim 480, wherein the step of arbitrating includes:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

826. (previously presented) The system of claim 481, wherein the step of arbitrating includes:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

827. (previously presented) The system of claim 482, wherein the step of arbitrating includes:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

828. (previously presented)   The system of claim 483, wherein the step of arbitrating includes:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

829. (previously presented)   The system of claim 484, wherein the step of arbitrating includes:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

830. (previously presented)   The system of claim 485, wherein the step of arbitrating includes:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

831. (previously presented)   The system of claim 486, wherein the step of arbitrating includes:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

832. (previously presented)   The system of claim 487, wherein the step of arbitrating includes:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

833. (previously presented)   The system of claim 488, wherein the step of arbitrating includes:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

834. (previously presented)   The system of claim 489, wherein the step of arbitrating includes:

providing group communications capability, with said controller computer, to

152

handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

835. (previously presented) The system of claim 490, wherein the step of arbitrating includes:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

836. (previously presented) The system of claim 491, wherein the step of arbitrating includes:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

837. (previously presented) The system of claim 492, wherein the step of arbitrating includes:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

153

838. (previously presented)   The system of claim 493, wherein the step of arbitrating includes:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

839. (previously presented)   The system of claim 494, wherein the step of arbitrating includes:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

840. (previously presented)   The system of claim 495, wherein the step of arbitrating includes:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

841. (previously presented)   The system of claim 496, wherein the step of arbitrating includes:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the

154

plurality of computers, said group communications capability including private communication window capability.

842. (previously presented)   The system of claim 497, wherein the step of arbitrating includes:

providing group communications capability, with said controller computer, to handle communications between the one of the plurality of computers and the other of the plurality of computers, said group communications capability including private communication window capability.

843. (currently amended) A system using a computer system to distribute communication over an Internet network, the system including:

a plurality of participator computers connected with a controller computer through the Internet network, each said participator computer respectively connected to the controller computer subsequent to sending a respective log in name and a password, each said participator computer connected to an input device and to an output device;, wherein:

the controller computer is programmed enabled to carry out the steps of:

arbitrating, in accordance with predefined rules including a test for an authenticated user identity, to respectively determine

respectively storing the log in name and the password corresponding to each of a plurality of user identities;

determining which ones of the participator computers can communicate with an other of the participator computers, wherein some of the communications are in real time over the Internet network; and

providing a member associated image and respective corresponding member

155

identity information under control of said controller computer, respectively to ~~the ones~~ some of the participator computers.

844. (currently amended) The system of claim 843, wherein the controller computer is further ~~programmed~~ enabled to carry out the step of:

determining a user's age corresponding to said user identity.

845. (currently amended) The system of claim 844, wherein the controller computer is further ~~programmed~~ enabled to carry out the step of:

communicating an asynchronous message from one of the participator computers to another of the participator computers.

846. (currently amended) The system of claim 844, wherein the controller computer is further ~~programmed~~ enabled to carry out the step of censoring unwanted communication from a member.

847. (previously presented)   The system of claim 844, wherein the step of arbitrating includes distributing chat communications to a chat group real time over the Internet network.

848. (currently amended) The system of claim 847, wherein the controller computer is further ~~programmed~~ enabled to carry out the step of providing private chat capability to the participator computers.

849. (currently amended) The system of claim 847, wherein the controller

156

computer is further ~~programmed~~ <u>enabled</u> to carry out the step of providing private

communication window capability to the participator computers.

850. (currently amended) The system of claim 844, wherein the controller

computer is further ~~programmed~~ <u>enabled</u> to carry out the step of communicating human

communication sound to the participator computers.

851. (currently amended) The system of claim 844, wherein the controller

computer is further ~~programmed~~ <u>enabled</u> to carry out the step of providing video to the

participator computers.

852. (currently amended) The system of claim 850, wherein the controller

computer is further ~~programmed~~ <u>enabled</u> to carry out the step of providing video to the

participator computers.

853. (previously presented)   The system of claim 844, wherein the step of

arbitrating is carried out with some of said communications including text.

854. (previously presented)   The system of claim 844, wherein the step of

arbitrating is carried out with some of said communications communicated out of band.

855. (previously presented)   The system of claim 844, wherein the step of

arbitrating is carried out with some of said communications are multimedia media messages.

856. (currently amended)   The system of claim 843, wherein the controller

computer is further ~~programmed~~ <u>enabled</u> to carry out the step of controlling invisible viewing of the communications.

857. (currently amended)   The system of claim 844, wherein the controller computer is further ~~programmed~~ <u>enabled</u> to carry out the step of controlling invisible viewing of the communications.

858. (currently amended)   The system of claim 845, wherein the controller computer is further ~~programmed~~ <u>enabled</u> to carry out the step of controlling invisible viewing of the communications.

859. (currently amended)   The system of claim 846, wherein the controller computer is further ~~programmed~~ <u>enabled</u> to carry out the step of controlling invisible viewing of the communications.

860. (currently amended)   The system of claim 847, wherein the controller computer is further ~~programmed~~ <u>enabled</u> to carry out the step of controlling invisible viewing of the communications.

861. (currently amended)   The system of claim 848, wherein the controller computer is further ~~programmed~~ <u>enabled</u> to carry out the step of controlling invisible viewing of the communications.

862. (currently amended)   The system of claim 849, wherein the controller computer is further ~~programmed~~ <u>enabled</u> to carry out the step of controlling invisible viewing of

158

the communications.

863. (currently amended) The system of claim 850, wherein the controller computer is further ~~programmed~~ <u>enabled</u> to carry out the step of controlling invisible viewing of the communications.

864. (currently amended) The system of claim 851, wherein the controller computer is further ~~programmed~~ <u>enabled</u> to carry out the step of controlling invisible viewing of the communications.

865. (currently amended) The system of claim 852, wherein the controller computer is further ~~programmed~~ <u>enabled</u> to carry out the step of controlling invisible viewing of the communications.

866. (currently amended) The system of claim 853, wherein the controller computer is further ~~programmed~~ <u>enabled</u> to carry out the step of controlling invisible viewing of the communications.

867. (currently amended) The system of claim 854, wherein the controller computer is further ~~programmed~~ <u>enabled</u> to carry out the step of controlling invisible viewing of the communications.

868. (currently amended) The system of claim 855, wherein the controller computer is further ~~programmed~~ <u>enabled</u> to carry out the step of controlling invisible viewing of the communications.

869. (previously presented)   The method of claim 1, wherein receiving said communications includes causing presentation of some of said communications by one of said participator computers in said group.

870. (currently amended)   The system of claim 435, wherein one of said participator computers in said group is ~~programmed~~ <u>enabled</u> to carry out the step of receiving some of said communications, said receiving including causing presentation of some of said communications by one of said participator computers in said group.

871. (currently amended)   A system to control communication over an Internet network, the system including:

a plurality of participator computers connected with a controller computer through the Internet network, each said participator computer ~~connected to an input device to receive input from a user and to an output device to present communications, each said user having~~ <u>respectively connected to the controller computer subsequent to sending a respective log in name and a password corresponding to</u> a user identity, the controller computer ~~programmed~~ <u>enabled</u> to control real time Internet communication ~~between said users~~ by using a control database storing ~~each~~ <u>for</u> said user identity, ~~the user identity having~~ a respective authorization ~~for~~ <u>corresponding to</u> communicating multimedia ~~in some of said communications~~.

872. (currently amended)   The system of claim 871, wherein one of said participator computers is ~~programmed~~ <u>enabled</u> to carry out the step of receiving, including causing presentation, of some of said communications.

160

873. (previously presented)   The system of claim 872, wherein one of said communications includes at least one of a video, a graphic, or a pointer-triggered message.

874. (previously presented)   The system of claim 871, wherein said authorization for communicating multimedia includes an authorization for communicating graphical multimedia.

875. (previously presented)   The system of claim 872, wherein said authorization for communicating multimedia includes an authorization for communicating graphical multimedia.

876. (currently amended)   A method of using a computer to control communication, the method including the steps of:

connecting a plurality of participator computers with a controller computer through an Internet network, each said participator computer ~~connected to an input device to receive input from a respective user and to an output device to present communications, each said user having~~ respectively connected to the controller computer subsequent to sending a respective log in name and a password corresponding to a user identity, the controller computer ~~being programmed~~ enabled to ~~carry out the step of controlling~~ control real time communication between the participator computers~~; and~~ by

————————storing for each said user identity ~~and~~ a respective authorization corresponding to ~~communicate~~ communicating graphical multimedia ~~for~~ used in the controlling.

877. (currently amended)   A system using a computer to control communication, the system including:

161

a plurality of participator computers connected with a controller computer through an Internet network, each said participator computer <u>respectively connected to the controller computer subsequent to sending a respective log in name and a password corresponding to</u> ~~connected to an input device to receive input from a respective user and to an output device to present communications, each said user having~~ a user identity, the controller computer ~~being programmed~~ <u>enabled</u> to carry out the steps of:

controlling real time communication between the participator computers, and storing <u>for</u> each said user identity a respective authorization to communicate <u>corresponding to communicating</u> graphical multimedia ~~for~~ use<u>d</u> in the controlling.

878. (currently amended)   A method of controlling real-time communications over an Internet network, the method including the steps of:

storing, with a controller computer, a ~~user identity and~~ a set of privileges corresponding to ~~the~~ <u>a</u> user identity;

connecting a plurality of participator computers with ~~a~~ <u>the</u> controller computer through the Internet network;

receiving a login name and password corresponding to the user identity<u>,</u> from a first participator computer of the plurality of participator computers;

determining whether the set of privileges corresponding to the user identity includes a privilege to communicate a type of message in real-time over the Internet network, the type including at least one of a video, ~~a~~ graphic, graphical multimedia, or a pointer-triggered message <u>that is receivable on demand</u>;

if the set of privileges includes ~~a~~ <u>the</u> privilege to communicate the type of message in real-time over the Internet network, allowing the first participator computer to communicate the type of message to another of the plurality of participator computers; and

162

if the set of privileges does not include a the privilege to communicate the type of message in real-time over the Internet network, not allowing the first participator computer to communicate the type of message another of the plurality of participator computers.

879. (previously presented)   The method of claim 878, further including a human communication sound as said type of message.

880. (previously presented)   The method of claim 878, further including the step of sending a denial message to the first participator computer of said participator computers if the set of privileges does not include a privilege to communicate the type of message in real-time over the Internet network.

881. (previously presented)   The method of claim 878, wherein the type of message is graphical multimedia.

882. (previously presented)   The method of claim 878, wherein the type of message is video.

883. (previously presented)   The method of claim 878, wherein the type of message is graphic.

884. (currently amended)   A method of controlling real-time communications over an Internet network, the method including the steps of:

storing, with a controller computer, a user identity and a set of privileges corresponding to the a user identity;

connecting a plurality of participator computers with a the controller computer through the Internet network;

receiving a login name and password corresponding to the user identity from a first participator computer of the plurality of participator computers;

determining whether the set of privileges corresponding to the user identity includes a privilege to communicate a type of message in real-time over the Internet network, the type including human communication sound;

if the set of privileges includes a the privilege to communicate the type of message in real-time over the Internet network, allowing the first participator computer to communicate the type of message to another of the plurality of participator computers; and

if the set of privileges does not include a the privilege to communicate the type of message in real-time over the Internet network, not allowing the first participator computer to communicate the type of message another of the plurality of participator computers.

885. (currently amended)   A system controlling real-time communications over an Internet network, the system including:

a plurality of participator computers connected with a controller computer through the Internet network, at least one of said participator computers connected to the controller computer subsequent to sending a log in name and a password corresponding to a user identity; and

a wherein the controller computer is programmed enabled to carry out the steps of:

storing a user identity and a set of privileges corresponding to the user identity;

receiving a login name and password corresponding to the user identity from a first participator computer of the plurality of participator computers;

164

determining whether the set of privileges corresponding to the user identity includes a privilege to communicate a type of message in real-time over the Internet network, the type including at least one of a video, a graphic, graphical multimedia, or a pointer-triggered message that is receivable on demand;

if the set of privileges includes a the privilege to communicate the type of message in real-time over the Internet network, allowing the first participator computer to communicate the type of message to another of the plurality of participator computers; and

if the set of privileges does not include a the privilege to communicate the type of message in real-time over the Internet network, not allowing the first participator computer to communicate the type of message another of the plurality of participator computers.

886. (previously presented)   The method of claim 885, further including a human communication sound as said type of message.

887. (previously presented)   The method of claim 885, wherein said steps further include the step of sending a denial message to the first participator computer of said participator computers if the set of privileges does not include a privilege to communicate the type of message in real-time over the Internet network.

888. (previously presented)   The method of claim 885, wherein the type of message is graphical multimedia.

889. (previously presented)   The method of claim 885, wherein the type of message is video.

165

890. (previously presented)   The method of claim 885, wherein the type of message is graphic.

891. (currently amended)   A system controlling real-time communications over an Internet network, the system including:

a plurality of participator computers connected with a controller computer through the Internet network, at least one of said participator computers connected to the controller computer subsequent to sending a log in name and a password corresponding to a user identity; and

wherein the a controller computer programmed is enabled to carry out the steps of:

storing a user identity and a set of privileges corresponding to the user identity;

receiving a login name and password corresponding to the user identity from a first participator computer of the plurality of participator computers;

determining whether the set of privileges corresponding to the user identity includes a privilege to communicate a type of message in real-time over the Internet network, the type including a human communication sound;

if the set of privileges includes a the privilege to communicate the type of message in real-time over the Internet network, allowing the first participator computer to communicate the type of message to another of the plurality of participator computers; and

if the set of privileges does not include a the privilege to communicate the type of message in real-time over the Internet network, not allowing the first participator computer to communicate the type of message another of the plurality of participator computers.

892. (currently amended) A method of using com puters to communicate over an

166

Internet network, the method including the steps of:

connecting a plurality of participator computers with a controller computer

through the Internet network, ~~each said participator computer connected to an input device and~~

~~to an output device~~;

~~arbitrating with the controller computer, in accordance with predefined rules~~

~~including a test for an authenticated user identity, to determine~~

<u>receiving a log in name and a password corresponding to a user identity,</u>

<u>respectively from each of said participator computers;</u>

<u>respectively storing a set of privileges corresponding to each of said user</u>

<u>identities, the set including a privilege to receive non-textual communication;</u>

<u>determining</u> which ones of the participator computers can form a group to send

and receive communications<u>, said communications respectively in accordance with the</u>

<u>corresponding privilege</u>; and

sending and receiving said communications in real time over the Internet network

between said participator computers in said group, one of said communications including a

human communication sound.

893. (currently amended) A method of using computers to communicate over an

Internet network, the method including the steps of:

connecting a controller computer with a plurality of participator computers, said

connecting including connecting at least one of the plurality of participator computers with the

controller computer through the Internet network, ~~each said participator computer connected to~~

~~an input device and to an output device~~; ~~and~~

<u>receiving a log in name and a password corresponding to a user identity,</u>

<u>respectively from each of said participator computers;</u>

167

respectively storing a set of privileges corresponding to each of said user identities, the set including a privilege to receive non-textual communication; and

~~arbitrating with the controller computer, in accordance with predefined rules including a test for an authenticated user identity, to determine~~ determining, from said privilege, which of the participator computers can communicate human communication sound ~~to an other of the participator computers over the Internet network~~ in real time.

894. (currently amended) A system using computers to communicate over an Internet network, the system including:

a plurality of participator computers connected with a controller computer through the Internet network, ~~each~~ at least one of said participator computers connected to the controller computer subsequent to sending a log in name and a password corresponding to a user identity ~~connected to an input device and to an output device~~, the controller computer ~~programmed~~ enabled to carry out the steps of:

storing a set of privileges corresponding to the user identity, the set including a privilege to receive non-textual communication; and

~~arbitrating, in accordance with predefined rules including a test for an authenticated user identity, to determine~~ determining which ones of the participator computers can form a group to communicate communications in real time over the Internet network, said communications respectively in accordance with the corresponding privilege, wherein one of said communications includes human communication sound.

895. (currently amended) A system using computers to communicate over an Internet network, the system including:

a plurality of participator computers connected with a controller computer, at

168

least one of said participator computers connected <u>to the controller computer</u> through the Internet network, ~~each said participator computer~~ <u>subsequent to sending a log in name and a password corresponding to a user identity</u> ~~connected to an input device and to an output device~~; wherein:

the controller computer is ~~programmed~~ <u>enabled</u> to carry out the step<u>s</u> of<u>:</u>

<u>storing a set of privileges corresponding to the user identity, the set including a privilege to receive non-textual communication; and</u>

~~arbitrating, in accordance with predefined rules including a test for an authenticated user identity to determine~~ <u>determining, from said privilege,</u> which of the participator computers can communicate human communication sound to an other of the participator computers over the Internet network in real time.

896. (currently amended)   A system to control communication over an Internet network, the system including:

a plurality of participator computers connected with a controller computer through the Internet network, each said participator computer <u>respectively connected to the controller computer subsequent to sending a respective log in name and a password</u> ~~connected to an input device to receive input from a user and to an output device to present communications, each said user having~~ <u>corresponding to</u> a user identity, the controller computer ~~programmed~~ <u>enabled</u> to control real time Internet communication between said users by using a control database storing <u>for</u> each said user identity~~, the user identity having~~ a respective authorization for communicating human communication sound in some of said communications.

897. (currently amended)   The system of claim 896, wherein one of said participator computers is ~~programmed~~ <u>enabled</u> to carry out the step of receiving, including

169

causing presentation, of some of said communications.

898. (previously presented)   The system of claim 896, wherein one of said communications includes at least one of a video, a graphic, or a pointer-triggered message.

899. (previously presented)   The system of claim 897, wherein one of said communications includes at least one of a video, a graphic, or a pointer-triggered message.

900. (previously presented) The system of claim 897, wherein some of said communications include graphical multimedia.

901. (currently amended)   A method of using a computer to control communication, the method including the steps of:

connecting a plurality of participator computers with a controller computer through an Internet network;

receiving, respectively, a log in name and a password corresponding to a user identity from each of said participator computers;

, each said participator computer connected to an input device to receive input from a respective user and an output device to present communications, each said user having a user identity, enabling the controller computer being programmed to carry out the step of controlling real time communication between the participator computers; and by

———————storing for each said user identity and a respective authorization to communicate human communication sound for, the authorization used in the controlling.

902. (currently amended)   A system using a computer to control

170

communication, the system including:

a plurality of participator computers connected with a controller computer through an Internet network, each said participator computer respectively connected to the controller computer subsequent to sending a respective log in name and a password connected to an input device to receive input from a respective user and to an output device to present communications, each said user having corresponding to a user identity, the controller computer being programmed enabled to carry out the steps of:

controlling real time communication between the participator computers, and storing for each said user identity and a respective authorization to communicate human communication sound for, the authorization used in the controlling..

903. (currently amended)   A system controlling real-time communications over an Internet network, the system including:

a plurality of participator computers connected with a controller computer, at least one of said participator computers being connected to the controller computer through the Internet network, said participator computers including a first computer connected to the controller computer subsequent to sending a log in name and a password corresponding to a user identity; and

a controller computer controlled by a program enabled to carry out the steps of:

storing a user identity and a set of privileges corresponding to the user identity;

receiving a login name and password corresponding to the user identity from a first participator computer of the plurality of participator computers;

determining whether the set of privileges corresponding to the user identity includes a privilege to communicate a type of message in real-time over the Internet network, the type including at least one of a video, a graphic, graphical multimedia, or a pointer-triggered

171

message;

if the set of privileges includes a the privilege to communicate the type of message in real-time over the Internet network, allowing the first participator computer to communicate the type of message to another of the plurality of participator computers; and

if the set of privileges does not include a the privilege to communicate the type of message in real-time over the Internet network, not allowing the first participator computer to communicate the type of message another of the plurality of participator computers.

904. (previously presented)   The system of claim 903, further including human communication sound as said type of message.

905. (previously presented)   The system of claim 903, wherein said steps further include the step of sending a denial message to the first participator computer of said participator computers if the set of privileges does not include a privilege to communicate the type of message in real-time over the Internet network.

906. (previously presented)   The system of claim 903, wherein the type of message is graphical multimedia.

907. (previously presented)   The system of claim 903, wherein the type of message is video.

908. (previously presented)   The system of claim 903, wherein the type of message is graphic.

172

909. (currently amended)   A system of controlling real-time communications over an Internet network, the system including:

plurality of participator computers connected with a controller computer, at least one of said participator computers being connected to the controller computer through the Internet network, said participator computers including a first computer connected to the controller computer subsequent to sending a log in name and a password corresponding to a user identity; and

wherein the a controller computer controlled by a program is enabled to carry out the steps of:

storing a user identity and a set of privileges corresponding to the user identity;

receiving a login name and password corresponding to the user identity from a first participator computer of the plurality of participator computers;

determining whether the set of privileges corresponding to the user identity includes a privilege to communicate a type of message in real-time over the Internet network, the type including a human communication sound;

if the set of privileges includes a the privilege to communicate the type of message in real-time over the Internet network, allowing the first participator computer to communicate the type of message to another of the plurality of participator computers; and

if the set of privileges does not include a the privilege to communicate the type of message in real-time over the Internet network, not allowing the first participator computer to communicate the type of message another of the plurality of participator computers.

910. (currently amended)   A method of controlling real-time communications over an Internet network, the method including the steps of:

storing, with a controller computer, a user identity and a set of privileges

173

corresponding to ~~the~~ a_user identity;

connecting a plurality of participator computers with a the controller computer, at least one of the participator computers being connected with the controller computer through the Internet;

receiving a login name and password corresponding to the user identity from a first participator computer of the plurality of participator computers;

determining whether the set of privileges corresponding to the user identity includes a privilege to communicate a type of message in real-time over the Internet network, the type including at least one of a video, a graphic, graphical multimedia, or a pointer-triggered message;

if the set of privileges includes a the privilege to communicate the type of message in real-time over the Internet network, allowing the first participator computer to communicate the type of message to another of the plurality of participator computers; and

if the set of privileges does not include a the privilege to communicate the type of message in real-time over the Internet network, not allowing the first participator computer to communicate the type of message another of the plurality of participator computers.

911. (previously presented)   The method of claim 910, further including a human communication sound as said type of message.

912. (previously presented)   The method of claim 910, further including the step of sending a denial message to the first participator computer of said participator computers if the set of privileges does not include a privilege to communicate the type of message in real-time over the Internet network.

913. (previously presented)   The method of claim 910, wherein the type of message is graphical multimedia.

914. (previously presented)   The method of claim 910, wherein the type of message is video.

915. (previously presented)   The method of claim 910, wherein the type of message is graphic.

916. (previously presented)   A method of controlling real-time communications over an Internet network, the method including the steps of:

storing, with a controller computer, ~~a user identity and~~ a set of privileges corresponding to ~~the~~ a user identity;

connecting a plurality of participator computers with ~~a~~ the controller computer, at least one of said participator computers being connected with the controller computer through the Internet network;

receiving a login name and password corresponding to the user identity from a first participator computer of the plurality of participator computers;

determining whether the set of privileges corresponding to the user identity includes a privilege to communicate a type of message in real-time over the Internet network, the type including a human communication sound;

if the set of privileges includes ~~a~~ the privilege to communicate the type of message in real-time over the Internet network, allowing the first participator computer to communicate the type of message to another of the plurality of participator computers; and

if the set of privileges does not include ~~a~~ the privilege to communicate the type of

175

message in real-time over the Internet network, not allowing the first participator computer to communicate the type of message another of the plurality of participator computers.

917. (currently amended)   A system to control communication over an Internet network, the system including:

a plurality of participator computers connected with a controller computer, wherein at least one of said participator computers is connected with said controller computer through the Internet network, each said participator computer respectively connected to the controller computer subsequent to sending a respective log in name and a password corresponding to connected to an input device to receive input from a user and to an output device to present communications, each said user having a user identity, the controller computer programmed enabled to control real time Internet communication between said users by using a control database storing for each said user identity, the user identity having a respective authorization for communicating human communication sound in some of said communications.

918. (currently amended)   A system to control communication over an Internet network, the system including:

a plurality of participator computers connected with a controller computer through the Internet network, each said participator computer respectively connected to the controller computer subsequent to sending a respective log in name and a password corresponding to connected to an input device to receive input from a user and to an output device to present communications, each said user having a user identity, the controller computer programmed enabled to control real time Internet communication between said users by using a control database storing for each said user identity, the user identity having a respective authorization for communicating human communication sound in some of said communications.

919. (previously presented)   The system of claim 600, wherein said sound is comprised of a human communication sound.

920. (currently amended)   The system of claim 170, wherein one of said participator computers in said group is ~~programmed~~ enabled to carry out the step of receiving some of said communications, said receiving including causing presentation of some of said communications by one of said participator computers in said group.

921. (currently amended)   The system of claim 409, wherein one of said participator computers in said group is ~~programmed~~ enabled to carry out the step of receiving some of said communications, said receiving including causing presentation of some of said communications by one of said participator computers in said group.

922. (currently amended)   The system of claim 604, wherein one of said participator computers in said group is ~~programmed~~ enabled to carry out the step of receiving some of said communications, said receiving including causing presentation of some of said communications by one of said participator computers in said group.

923. (currently amended)   The system of claim 843, wherein one of said participator computers is ~~programmed~~ enabled to carry out the step of receiving some of said communications, said receiving including causing presentation of some of said communications.

924. (previously presented) The system of claim 600, wherein the plurality of

177

participator computers are from more than an audience of a particular internet service provider.

925. (previously presented) The system of claim 876, further including the step of receiving some of said communications, said receiving including causing presentation of some of said communications.

926. (currently amended)   The system of claim 877, wherein one of said participator computers is ~~programmed~~ <u>enabled</u> to carry out the step of receiving some of said communications, said receiving including causing presentation of some of said communications.

927. (currently amended)   The system of claim 878, wherein one of said participator computers is ~~programmed~~ <u>enabled</u> to carry out the step of receiving some of said communications, said receiving including causing presentation of some of said communications.

928. (previously presented)   The system of claim 884, further including the step of receiving some of said communications, said receiving including causing presentation of some of said communications.

929. (currently amended)   The system of claim 885, wherein one of said participator computers is ~~programmed~~ <u>enabled</u> to carry out the step of receiving some of said communications, said receiving including causing presentation of some of said communications.

930. (currently amended)   The system of claim 891, wherein one of said participator computers is ~~programmed~~ <u>enabled</u> to carry out the step of receiving some of said communications, said receiving including causing presentation of some of said communications.

931. (previously presented)   The system of claim 892, further including the step of receiving some of said communications, said receiving including causing presentation of some of said communications.

932. (previously presented)   The system of claim 893, further including the step of receiving some of said communications, said receiving including causing presentation of some of said communications.

933. (currently amended)   The system of claim 894, wherein one of said participator computers is ~~programmed~~ <u>enabled</u> to carry out the step of receiving some of said communications, said receiving including causing presentation of some of said communications.

934. (currently amended)   The system of claim 895, wherein one of said participator computers is ~~programmed~~ <u>enabled</u> to carry out the step of receiving some of said communications, said receiving including causing presentation of some of said communications.

935. (currently amended)   The method of claim 166, wherein said step of ~~programming~~ <u>using</u> is carried out with said sound comprising a human communication sound.

179

936. (previously presented)   The system of claim 901, further including the step of receiving some of said communications, said receiving including causing presentation of some of said communications.

937. (currently amended)   The system of claim 902, wherein one of said participator computers is ~~programmed~~ enabled to carry out the step of receiving some of said communications, said receiving including causing presentation of some of said communications.

938. (currently amended)   The system of claim 903, wherein one of said participator computers is ~~programmed~~ enabled to carry out the step of receiving some of said communications, said receiving including causing presentation of some of said communications.

939. (previously presented)   The system of claim 599, wherein said sound is comprised of a human communication sound.

940. (currently amended)   The system of claim 909, wherein one of said participator computers is ~~programmed~~ enabled to carry out the step of receiving some of said communications, said receiving including causing presentation of some of said communications.

941. (currently amended)   The system of claim 910, wherein one of said participator computers is ~~programmed~~ enabled to carry out the step of receiving some of said

communications, said receiving including causing presentation of some of said communications.

942. (previously presented)   The system of claim 916, further including the step of receiving some of said communications, said receiving including causing presentation of some of said communications.

943. (currently amended)   The system of claim 917, wherein one of said participator computers is ~~programmed~~ enabled to carry out the step of receiving some of said communications, said receiving including causing presentation of some of said communications.

944. (currently amended)   The system of claim 918, wherein one of said participator computers is ~~programmed~~ enabled to carry out the step of receiving some of said communications, said receiving including causing presentation of some of said communications.

945. (previously presented)   The method of claim 170, wherein the step of connecting is carried out with the plurality of participator computers from more than an audience of a particular internet service provider.

946. (previously presented)   The system of claim 435, wherein the plurality of participator computers are from more than an audience of a particular internet service provider.

947. (previously presented)   The method of claim 893, wherein the step of

181

connecting is carried out with the plurality of participator computers from more than an

audience of a particular internet service provider.

948. (previously presented)   The system of claim 895, wherein the plurality of

participator computers are from more than an audience of a particular internet service provider.

949. (previously presented)   An Internet communication system, the system

including:

at least one controller computer;

two or more participator computers, each said computer taking part in the

communication system, each said participator computer connected to an input device and an

output device, the input device receiving input information from a respective user, the output

device presenting messages, each said user having a user identity identifying the user;

a communication path between said at least one controller computer and each

said participator computer, a portion of the communication path passing through or by way of

the Internet;

computer software running on said at least one controller computer regulating

steps including:

deciding whether a participator computer can be a member in one of a number

of communication channels, each said communication channel allowing communication

between two or more of the participator computers by way of said at least one controller

computer, said deciding performed in accordance with previously defined criteria, said criteria

including examining whether a particular user identity is authorized to access the

communication system;

delivering user messages according to the previously defined criteria in real time

182

between receipt and delivery of the messages by said at least one controller computer so as to allow the user to access the user messages substantially instantaneously; and

wherein at least some of the user messages are comprised of two or more data types from a group including text, audio, graphics, images, and video or comprised of a URL text that points to at least one additional data type other than text.

950. (previously presented)   The system of claim 949, wherein at least one of said user messages includes an address that instructs any of the participator computers to locate another media type upon action by one of the users.

951. (previously presented)   The system of claim 949, wherein at least one of said user messages includes an address that commands any of the participator computers to locate an additional message and present the additional message at a respective output device.

952. (previously presented)   The system of claim 949, wherein said deciding performed in accordance with previously defined criteria is carried out with said criteria including examining a password in connection with one of said user identities.

953. (previously presented)   A method employing computer devices to make decisions and distribute communication, the method including the steps of:

establishing a communication path between at least one controller computer and each of a plurality of participator computers, the communication path passing through or by way of an Internet network, each of said computer taking part in a system, each of said communicator computers respectively connected to an input device and an output device, each of said input devices receiving input information from a respective user of the system, each of

183

the respective output devices presenting user messages, each said user having a user identity identifying the user;

programming the at least one controller computer to direct communication of user messages from one or more of the participator computers to one or more other of the participator computers;

deciding with the at least one controller computer whether a participator computer can be a member in one of a number of communication channels, each said communication channel allowing communication between two or more of the participator computers by way of the at least one controller computer, said deciding performed according to previously defined criteria, the criteria including an examination of whether a particular user identity is authorized to access the system;

delivering the user messages according to the previously defined criteria in real time between receipt and delivery of the messages by said at least one controller computer so as to allow the user to access the user messages substantially instantaneously; and

wherein at least some of the user messages are comprised of two or more data types from a group including text, audio, graphics, images, and video or comprised of a URL text that points to at least one additional data type other than text.

954. (previously presented)   The method of claim 953, wherein said step of delivering includes delivering an address or URL of an additional user message and computer instructions that require at least one of the participator computers to locate the additional user message at the address or URL.

955. (new)   The system of claim 599, wherein said member public data reference is a URL.

184

956. (new)   The system of claim 599, wherein said member public data reference is a pointer.

957. (new)   The method of claim 1, wherein said step of connecting is carried out by at least one of the participator computers connecting to the Internet network without any version of participator software, receiving the participator software over the Internet network, and obtaining the respective user identity over the Internet network.

958. (new)   The method of claim 170, wherein said step of connecting is carried out by at least one of the participator computers connecting to the Internet network without any version of participator software, receiving the participator software over the Internet network, and obtaining the respective user identity over the Internet network.

959. (new)   The method of claim 409, wherein said step of connecting is carried out by at least one of the participator computers connecting to the Internet network without any version of participator software, receiving the participator software over the Internet network, and obtaining the respective user identity over the Internet network.

960. (new)   The method of claim 876, wherein said step of connecting is carried out by at least one of the participator computers connecting to the Internet network without any version of participator software, receiving the participator software over the Internet network, and obtaining the respective user identity over the Internet network.

961. (new)   The method of claim 878, wherein said step of connecting is carried out by at least one of the participator computers connecting to the Internet network

185

without any version of participator software, receiving the participator software over the Internet network, and obtaining the respective user identity over the Internet network.

962. (new)   The method of claim 884, wherein said step of connecting is carried out by at least one of the participator computers connecting to the Internet network without any version of participator software, receiving the participator software over the Internet network, and obtaining the respective user identity over the Internet network.

963. (new)   The method of claim 892, wherein said step of connecting is carried out by at least one of the participator computers connecting to the Internet network without any version of participator software, receiving the participator software over the Internet network, and obtaining the respective user identity over the Internet network.

964. (new)   The method of claim 893, wherein said step of connecting is carried out by at least one of the participator computers connecting to the Internet network without any version of participator software, receiving the participator software over the Internet network, and obtaining the respective user identity over the Internet network.

965. (new)   The method of claim 910, wherein said step of connecting is carried out by at least one of the participator computers connecting to the Internet network without any version of participator software, receiving the participator software over the Internet network, and obtaining the respective user identity over the Internet network.

966. (new)   The method of claim 916, wherein said step of connecting is carried out by at least one of the participator computers connecting to the Internet network

without any version of participator software, receiving the participator software over the Internet network, and obtaining the respective user identity over the Internet network.

967. (new)   The method of claim 953, wherein said step of connecting is carried out by at least one of the participator computers connecting to the Internet network without any version of participator software, receiving the participator software over the Internet network, and obtaining the respective user identity over the Internet network.

968. (new)   The method of claim 165, wherein said step of connecting is carried out is carried out by at least one of the participator computers connecting to the Internet network without any version of the participator software, receiving the participator software over the Internet network, and obtaining the respective user identity over the Internet network.

969. (new)   The method of claim 1, further including the step of assigning a temporary moderator authorization corresponding one of the user identities being in the group.

970. (new)   The method of claim 170, further including the step of assigning a temporary moderator authorization corresponding one of the user identities being in the group.

971. (new)   The system of claim 871, wherein the control database includes a content control used in the controlling.

972. (new)   The system of claim 599, wherein said member public data reference is a URL.

973. (new)   The system of claim 599, wherein said member public data

reference is a pointer.

II.   Remarks

The Examiner is requested to enter the amendment and reconsider the application. It is believed that no new matter has been added.

After reviewing the file, Applicant noted and wishes to call to the Examiner's attention the following. An amendment filed September 18, 2003, changed the title of the application to REAL TIME COMMUNICATION SYSTEM. In the filing of May 24, 2002, the submission of Formal Drawings included an amendment to Figures 1 and 3, corresponding to the Certificate of Correction issued in the parent application, U.S. Patent No. 5,956,491. The Examiner is requested to treat the prior filing of the Formal Drawings as an Amendment to the Drawings.

In the filing dated January 18, 2005, the 1449 form contained numerous errors. To correct the errors, a corrected 1449 form is provided herewith. Although it is believed that all the art identified on this corrected 1449 form was previously filed, to be certain, the art is provided herewith as well.

In the Petition to Make Special filing of August 30, 2001, it is stated at page 2 that a duplicate of art in the parent case is being provided. However, the accompanying 1449 form does not list the art. A corrected 1449 form is provided herewith, and although it is believed that all the art identified on this corrected 1449 form was previously filed, to be certain, the art is provided herewith as well.

In addition, as the Examiner has been made aware from the voluminous 1449 filings in this case, U.S. Patent No. 5,956,491 has been asserted against America Online. A 1449 form and information from the litigation is being provided herewith. Further or more up to date information concerning the litigation can be found by contacting the Clerk of Court for the Northern District of Illinois, with certain information believed to be available over the Internet.

Applicant sincerely apologizes for the extensive nature of the present application.
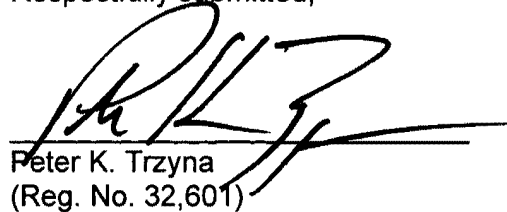
Applicant appreciates that this has placed a burden on the Examiner and requests that consideration be given to the circumstances of litigation, such that the need for extensive filings comes from prudence in ensuring that no criticism can be made that anything material has been withheld from the PTO. Thus erring heavily on the side of disclosure, Applicant has offered to fly to meet with the Examiner to help with furthering prosecution of this case. Applicant again most sincerely apologizes for the extensive nature of this case.

The amendment to the specification is intended to correct typographical errors, as incorporated into the enclosed clean copy of the amended specification, and textual encompasses text and ascii. The preceding Office Action has been addressed with the previous Amendment and Response, and the corresponding Remarks are applicable to the claims amended herein as well. Otherwise, the instant amendment to the claims does really not correspond to any outstanding rejection, and other claim alternatives are intended to be taken up in a subsequent continuing application.

Respectfully, the application is believed to be in condition for allowance, and favorable action is requested. If the prosecution of this case can be in any way advanced by a telephone discussion, the Examiner is requested to call the undersigned at (312) 240-0824.

The Commissioner is hereby authorized to charge any fees associated with the above-identified patent application or credit any overcharges to Deposit Account No. 50-0235, and if any extension of time is needed, this shall be deemed a petition therefore. Please direct all communication to the undersigned at the address given below.

Respectfully submitted,

Date:__June 9, 2005____

Peter K. Trzyna
(Reg. No. 32,601)

P. O. Box 7131
Chicago, Illinois 60680-7131
(312) 240-0824

190

Clean Copy of the Amended Specification

I.   FIELD OF INVENTION

This invention is directed to an apparatus, a manufacture, and methods for making and using the same, in a field of digital electrical computer systems. More particularly,

5   the present invention is directed to a digital electrical computer system involving a plurality of participator computers linked by a network to at least one of a plurality of participator computers, the participator computers operating in conjunction with the controller computer to handle multiplexing operations for communications involving groups of some of the participator computers.

10

2

II.   BACKGROUND OF THE INVENTION

Multiplexing group communications among computers ranges from very simple to very complex communications systems. At a simple level, group communications among computers involve electronic mail sent in a one way transmission to all those in a group or subgroup using, say, a local area network. Arbitrating which computers receive electronic mail is a rather well understood undertaking.

On a more complex level, corporations may link remote offices to have a conference by computer. A central computer can control the multiplexing of what appears as an electronic equivalent to a discussion involving many individuals.

Even more complex is linking of computers to communicate in what has become known as a "chat room." Chat room communications can be mere text, such as that offered locally on a file server, or can involve graphics and certain multimedia capability, as exemplified by such Internet service providers as America On Line. Multiplexing in multimedia is more complex for this electronic environment.

On the Internet, "chat room" communications analogous to America On Line have not been developed, at least in part because Internet was structured for one-way communications analogous to electronic mail, rather than for real time group chat room communications. Further, unlike the an Internet service provider, which has control over both the hardware platform and the computer program running on the platform to create the "chat room", there is no particular control over the platform that would be encountered on the Internet. Therefore, development of multiplexing technology for such an environment has been minimal.

Even with an emergence of the World Wide Web, which does have certain graphical multimedia capability, sophisticated chat room communication multiplexing has been

3

the domain of the Internet service providers. Users therefore have a choice between the limited

audience of a particular Internet Service provider or the limited chat capability of the Internet.

4

III.   SUMMARY OF THE INVENTION

It is an object of the present invention to overcome such limitations of the prior art and to advance and improve the technology of group computer multiplexing to enable better computerized group communications.

It is another object of the present invention to provide a computerized human communication arbitrating and distributing system.

It is yet another object of the present invention to provide a group communication multiplexing system involving a controller digital computer linked to a plurality of participator computers to organize communications by groups of the participator computers.

It is still another object of the present invention to link the controller computer and the plurality of computers with respective software coordinated to arbitrate multiplexing activities.

It is still a further object of the present invention to provide a chat capability suitable for handling graphical, textual, and multimedia information in a platform independent manner.

These and other objects and utilities of the invention, apparent from the discussion herein, are addressed by a computerized human communication arbitrating and distributing system. The system includes a controller digital electrical computer and a plurality of participator digital computers, each of the participator computers including an input device for receiving human-input information and an output device for presenting information to a user having a user identity. A connection such as the Internet links the controller computer with each of the participator computers.

Controller software runs on the controller computer, programming the controller computer to arbitrate in accordance with predefined rules including said user identity, which

5

ones of the participator computers can interact in one of a plurality of groups communicating through the controller computer and to distribute real time data to the respective ones of the groups.

Participator software runs on each of the participator computers to program each

5 of the participator computers to operate a user interface. The user interface permits one of the users to send and/or receive a multimedia information message to the controller computer, which arbitrates which of the participator computers receives the multimedia information message. The controller computer also conveys the multimedia information message to the selected participator computers to present the multimedia information to the respective user.

10 Therefore, for a computer system involving a plurality of programmed participator computers running the participator computer program can interact through a programmed controller computer with the controller computer multiplexing the communications for groups formed from the plurality, as well as arbitrating communications behavior.

6

IV.   BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 is a depiction of hardware suitable for performing the present invention;

FIG. 2 is a communications overview of the present invention.

FIG. 3 is a data and communications dependency diagram for the controller group channel structure of the present invention.

FIG. 4 is a flow chart of the central controller loop communications for the controller computer.

FIG. 5 is a client channel data structure and information flow diagram of the present invention.

FIG. 6 is a participator software out-of-band multimedia information flow diagram of the present invention.

FIG. 7 is an illustration of a login/password screen of the present invention.

FIG. 8 is an illustration of a confirmation screen of the present invention.

FIG. 9 is an illustration of a channel list area screen of the present invention.

FIG. 10 is an illustration of a New Channel option pull-down menu screen of the present invention.

FIG. 11 is an illustration of a member on a new channel screen of the present invention.

FIG. 12 is an illustration of a second member on the new channel screen of the present invention.

FIG. 13 is an illustration of a communication on the new channel screen of the present invention.

FIG. 14 is an illustration of a private message window on the new channel screen of the present invention.

7

FIG. 15 is an illustration of a private message displayed on the private message window on the new channel screen of the present invention.

FIG. 16 is a further illustration of the private message on the private message window on new channel screen of the present invention.

FIG. 17 is an illustration of an attribute revocation on the new channel screen of the present invention.

FIG. 18 is a further illustration of the new channel screen of the present invention.

FIG. 19 is an illustration of the channel list window screen of the present invention.

FIG. 20 is an illustration of the toggle posting option on a screen of the present invention.

FIG. 21 is an illustration of a moderated version of the new channel screen of the present invention.

FIG. 22 is an illustration of a communication on a moderation window screen of the present invention.

FIG. 23 is an illustration of the communication passed on to the moderated version of the new channel screen of the present invention.

FIG. 24 is an illustration of a communication, for sending a graphical multimedia message, on to the moderated version of the new channel screen of the present invention

FIG. 25 is an illustration, showing the name of the URL, on a moderated version of the new channel screen of the present invention.

FIG. 26 is an illustration of data associated with the graphical multimedia message on a moderated version of the new channel screen of the present invention.

8

FIG. 27 is an illustration of a proprietary editor, suitable for a dialog to change tokens, on a screen of the present invention.

FIG. 28 is an illustration of a text-based interface login/password screen of the present invention.

5 FIG. 29 is an illustration of a text-based interface group screen of the present invention.

FIG. 30 is another illustration of a text-based interface group screen of the present invention.

FIG. 31 is another illustration of a text-based interface group screen of the

10 present invention.

FIG. 32 is an illustration of a text-based interface private message screen of the present invention.

FIG. 33 is another illustration of a text-based interface private message screen of the present invention.

15 FIG. 34 is another illustration of a text-based interface group with moderator screen of the present invention.

9

V. DETAILED DESCRIPTION OF THE DRAWINGS

In providing a detailed description of a preferred embodiment of the present invention, reference is made to an appendix hereto, including the following items.

5   Appendix Contents

                              ALLUSER C
                              ALLUSER H
                              CHANNEL C
10   CHANNEL H
                              CHANNEL HLP
                              CLIST   C
                              CLIST   H
                              CLIST   HLP
15   EDITUSER C
                              EDITUSER H
                              ENTRYFRM C
                              ENTRYFRM H
                              ENTRYFRM HLP
20   HELP   C
                              HELP   H
                              HELPSCR C
                              HELPSCR H
                              LINEEDIT C
25   LINEEDIT H
                              LIST   C
                              LIST   H
                              LOGIN   HLP
                              MAIN   C
30   MAKEFILE
                              MESSAGE C
                              MESSAGE H
                              MODERAT HLP
                              PRIVATE C
35   PRIVATE H
                              PRIVATE HLP
                              SOCKIO   C
                              SOCKIO   H
                              STR   C
40   STR   H
                              UCCLIENT
                              USER   C
                              USER   H
                              WINDOW C

10

WINDOW   H

While platform controlled embodiments are within the scope of the invention, it is

particularly advantageous to have a platform independent embodiment, i.e., an embodiment

that is byte code compiled.

5   Referring now to FIG. 1, the overall functioning of a computerized human

communication arbitrating and distributing System 1 of the present invention is shown with odd

numbers designating hardware or programmed hardware, and even numbers designating

computer program logic and data flow. The System 1 includes a digital Controller Computer 3,

such as an Internet service provider-type computer. The Controller Computer 3 is operating

10   with an operating system.

System 1 also includes a plurality of digital Participator Computers 5, each of

which may be an IBM-compatible personal computer with a processor and a DOS operating

system. Each of the Participator Computers 5 includes an Input Device 7 for receiving human-

input information from a respective human user. The Input Device 7 can be, for example, a

15   keyboard, mouse or the like. Each of the Participator Computers 5 also includes an Output

Device 9 for presenting information to the respective user. The Output Device 9 can be a

monitor, printer (such as a dot-matrix or laser printer), or preferably both are used. Each of the

Participator Computers 5 also includes a Memory 11, such as a disk storage means.

The System 1 includes a Connection 13 located between, so as to link, the

20   Controller Computer 3 with each of the Participator Computers 5. The Connection 13 can be

an Internet or more particularly, a World Wide Web connection.

The Controller Computer 3 is running and under the control of Controller

Software 2, which directs the Controller Computer 3 to arbitrate in accordance with predefined

rules including a user identity, which ones of the Participator Computers 5 can interact in one of

11

a plurality of groups through the Controller Computer 3 and to distribute real time data to the respective ones of the groups.

The Participator Computers 5 are each running and under the control of Participator Software 4, which directs each of the Participator Computers 5 to handle a user

5   Interface permitting one said user to send a multimedia information Message 8 to the Controller Computer 3, which arbitrates which of the Participator Computers 5 receives the multimedia information Message 8 and which conveys the multimedia information Message 8 to the selected participator computers 5 to present the multimedia information Message 8 to the respective user.

10   The present invention comprehends communicating all electrically communicable multimedia information as Message 8, by such means as pointers, for example, URLs. URLs can point to pre-stored audio and video communications, which the Controller Computer 3 can fetch and communicate to the Participator Computers 5.

Turning now to FIG. 2, there is shown a communications overview of the present

15   invention. Beginning with the Controller Computer Software 2, reference is made to Block 10, which illustrates demultiplexing and multiplexing operations carried out by message type on API messages of all types. Block 10 links to Block 12, which is illustrative of channel A.... Block 10 also links to Block 14, which illustrates handling private message A. Block 10 also links to Block 16, illustrative of handling out-of-band media. Block 10 additionally links to Block 18,

20   which illustrates asynchronous status messages.

Multiple connections between the controller computer 3 and a plurality of participator computers 5 permit communication implemented via the interplay of controller software 2 and participator software 4. With particular regard to the participator software 4 illustrated in FIG. 2, Block 20 is illustrative of demultiplexing and multiplexing operations carried

12

out by message type on API messages of all types. Block 20 links to Block 22, which is illustrative of channel A.... Block 20 also links to Block 24, which illustrates handling private message A. Block 20 also links to Block 26, illustrative of handling out-of-band media via Block 28, which is illustrative of a Web browser or auxiliary computer program. Block 20 also links to

5   Block 30, which illustrates asynchronous status message handling via Block 32, illustrative of user interface objects windows and screens.

De/multiplexing via API provides a "virtual connection" between Channel, Private Message, and Multimedia objects in the controller computer 3 and each participator computer 5. An alternate architecture is to allow for a separate connection between each object so that

10   multiplexing/demultiplexing is not necessary and each object handles its own connection. This would influence system performance, however.

Turning now to FIG. 3, a data and communications dependency diagram controller group channel structure is illustrated. Beginning from what is designated as a portion of Block 10 the logic flows to Block 34 to consider JOIN, LEAVE, STATUS, SETCHAN API

15   instructions. Block 34 examines member list maintenance instructions, accessing Block 36 to check permissions, list users, and change attributes. Note the exploded window 38 shows a display of member information including a user's name, personal information, and attributes/properties/permissions (operations involving the subsequently discussed tokens), i.e., stored per channel attributes under each member. In any case, confirmation or denial of

20   access is communicated via Block 40 for multiplexing return of status messages to a target object.

From the portion of Block 10, the logic flows to Block 42 for MESSAGE and MODMSG API instructions. Block 42 tests which of the two instructions were received, and for MODMSG, the logic flows to Block 44, which tests whether the user is a moderator. If the user

13

is not a moderator, the logic flows to Block 46, which sends a denial message through Block

40. If, however, the in Block 44 the user is a moderator, the logic flows to Block 48 for a repeat

to all list members who are permitted to see the message, via Block 40.

Returning to Block 42, if MESSAGE is detected, the logic flows to Block 50,

which tests whether a user has post permission. If the user has post permission, the logic flows

to Block 48, etc. If the user does not have post permission, the logic flows to Block 52 to

forward the message to moderators for approval, via Block 40.

Additionally, the logic flows from Block 10 to Block 54 for a URL API instruction.

Block 54 tests whether the user has graphical multimedia communication privileges, and if not,

the logic flows via Block 56, which sends a denial message via Block 40. Otherwise, if the user

does have graphical multimedia communications privileges in Block 54, Block 58 sends

graphical multimedia information to all approved users via Block 40.

Turning now to FIG. 4, central controller loop communications is illustrated. For

the data on central poll point 58 (see Appendix POLL_POINT), a "do" loop begins at Block 60

for each connection. Block 62 tests whether bytes are available on the data stream. If they

are, the bytes are added to user space FIFO per connection at Block 64, leading to Block 66,

which tests whether there are any more connections. Note that in FIG. 4, if there are no more

bytes available in Block 62, the logic skips to Block 66, and if Block 66 is not finished with all

connections, the loop returns to Block 62. When all connections have been completed in Block

62, the logic flows to Block 68, which looks for an available complete data instruction for any

connection by extracting packets byte-wise from the FIFO. Thereafter, Block 70 tests whether

there is a complete response available from the participator computer. If the response is

complete, the logic flows to Block 72 which, using a command type, demultiplexes into an

appropriate object (output FIFOs may be filled here for any connection). The logic from Block

14

72 joins the "no" branch from Block 70 at Block 74, which enables unblocking for writing connections for only connections with data available to write, looping back to Block 58.

FIG. 5 shows a client channel data structure and information flow diagram. From a message that is demultiplexed by message type, there are six possibilities: ERROR

5   MESSAGE, MESSAGE, STATUS, JOINCHANNEL, LEAVECHANNEL, and MODMSG. ERROR MESSAGE is communicated to Block 76, where the error message is displayed to the transcript in the transcript area of Block 78. MESSAGE is communicated to Block 80 where the message is immediately added to the transcript in transcript area 78. STATUS is communicated to Block 82 to update user data structure; JOINCHANNEL is communicated to

10   Block 84 to add a user from the member list and display the change; and LEAVECHANNEL is communicated to Block 86. From Block 82, Block 84, and Block 86, the logic flows to Block 88, which includes a member list, a member identifier, known attributes / permissions / properties, and personal information. From Block 88, the logic proceeds to Block 90, a member list area, and on to Block 92 to compose a request to change a member attribute. This "SETCHAN

15   request is then communicated to Block 94, which is the multiplexer leading to the controller computer connection.

MODMSG is communicated to Block 96, which sends the message to the moderation area of Block 98, and then to Block 100 to resubmit a member message as approved, thereby conveying a MODMSG request to Block 94.

20   Note that a response is prepared in the response area of Block 102. If the response is a standard message, it is conveyed to Block 104 to compose the response into a controller message, thereby sending a MESSAGE request to box 94. If, however, the message is a graphical information submission, the logic flows from Block 102 to Block 106 to compose the graphical information submission into a controller message, thereby sending a URL request

15

to Block 94.

FIG. 6 is a participator software out-of-band multimedia information flow diagram, which begins with Block 26, the multimedia type patch point. Block 26 leads to Block 102, which tests whether there is an internally handlable multimedia type. If not, Block 104

5　looks up a suitable agent for data type presentation, which leads to Block 106, which tests whether an agent was found. If not, Block 108 reports location of data to the user for future referencing. If the agent is found in Block 106, the logic flows to Block 110, which invokes the agent with a data reference to present the data.

If the multimedia type is internally handlable from Block 102, the logic flows to

10　Block 112, which tests whether this is a member associated image. If it is a member associated image, Block 114 displays the image next to member identity information, and if it is not, the logic flows to Block 116, which tests if this is a member public data reference (e.g., a URL). If a URL is detected at Block 116, Block 118 invokes an external data type viewer only on demand of the operator of the participator software, and otherwise Block 120 stores the

15　reference for future use by the operator of the participator software, or treats the reference as an externally handled multimedia type (at the user's option).

With further regard to the manner of interaction between the controller computer 3 and the participator computers 5, and their respective computer programs 2 and 4, includes a moderation capability that is controlled, or arbitrated, pursuant to system 1 recognizing user

20　identity. Note that using the user identity for moderation purposes is a use additional to the use of the user identity for security purposes.

One embodiment of the present invention is to bring chat capability to the internet and World Wide Web. However, another embodiment involves non-internet relay chat. In either embodiment, System 1 is state driven such that synchronous and asynchronous

16

messages can be communicated. For an asynchronous notification, each message is sent through the system 1 (API), which updates the information on the output device of the participator computers 5. For a synchronous notification, a participator computer 5 must interrogate the system 1 for a message.

5   With regard to the arbitrating of the controller computer 3 is directed by the controller computer program 2 to use "identity tokens", which are pieces of information associated with user identity. The pieces of information are stored in memory 11 in a control computer database, along with personal information about the user, such as the user's age. The control computer database serves as a repository of tokens for other programs to access,

10   thereby affording information to otherwise independent computer systems. In the database, the storage of tokens can be by user, group, and content, and distribution controls can also be placed on the user's tokens as well as the database.

Each token is used to control the ability of a user to gain access to other tokens in a token hierarchy arbitration process. The arbitration also includes controlling a user's ability

15   to moderate communications involving a group or subgroup of the participator computers 5. Once in a group, temporary tokens are assigned for priority to moderate/submoderate groups (a group is sometimes known as a channel in multiplexing terminology).

Accordingly, tokens are used by the controller computer 5 to control a user's group priority and moderation privileges, as well as controlling who joins the group, who leaves

20   the group, and the visibility of members in the group. Visibility refers to whether a user is allowed to know another user is in the chat group.

Tokens are also used to permit a user's control of identity, and in priority contests between 2 users, for example, a challenge as to whether a first user can see a second user.

17

Censorship, which broadly encompasses control of what is said in a group, is also arbitrated by means of the tokens. Censorship can control of access to system 1 by identity of the user, which is associated with the user's tokens. By checking the tokens, a user's access can be controlled per group, as well as in giving group priority, moderation privileges, etc.

Censorship also can use the tokens for real time control of data (ascii, text, video, audio) from and to users, as well as control over multimedia URLs - quantity, type, and subject.

With regard to controlling communications in a group (which is in essence a collection of user identities), control extends to seeing messages, seeing the user, regulating the size of the communication, as well as the ability to see and write to a specific user. Control further extends to the ability to send multimedia messages.

Note that tokens for members in group can involve multiples formed in real time, say, within the span of a conversation. For example, for private communication, tokens are immediately formed to define a group of 2 users. Hierarchical groups within groups can also be formed, with each inheriting the properties of the group before it. Thus, a subgroup can include up to all members or more by adding any surplus to the former group.

With further regard to the controller computer 3, e.g., a server, information is controlled for distribution to the user interfaces at selected ones of the participator computers 5. The controller computer program, in one embodiment, can be a resident program interface (such as a JAVA application). There can be a token editor object (window/tear down, etc.) per group, private communication, user, channel listings, user listings, etc. Each can link up in a token hierarchy for arbitration control.

The controller computer 3, by means of the controller computer program 2,

18

keeps track of states and asynchronous messages as well as generating a synchronous message as a user logs in or interrogates system 1.

With regard to multimedia information messages 8, such messages are of independent data types, e.g., audio/video data types. The content of the message (e.g., a

5 URL) permits the System 1 to automatically determine the handling of the message: either the Controller Computer 3 passes the content of Message 8 directly, or the Controller Computer 3 determines from the Message 8 how to find the content, say via Netscape. Accordingly, Message 8 can communicate video and sound (or other multimedia, e.g., a URL) to users, subject only to the server arbitration controls over what can be sent.

10 Turning now to an illustration of using the invention, the session starts with verifying the user's identity (at FIG. 7). The login/password screen is shown, and the user enters his/her assigned login/password combination and clicks the "Login To Chat" button. If the password was entered correctly, a confirmation box appears on the screen.

Then the channel list area is shown at FIG. 8. The Channel List area is a

15 window which shows a list of all of the groups currently on the server in active communication. Because no one is yet connected in this example, there are no groups currently available on the screen.

To create a new group, the "New Channel" option is selected from a pull-down menu (at FIG. 9). The name of the channel is entered by the input device 7.

20 If the user has permission (this one does), a new channel is created for the group (at FIG. 10). The window that displays the channel area has three regions: the bottom region, where responses are entered; the largest region, where a transcript of the communication is followed; and the rightmost region, which lists the group's current members. This list is continuously updated with asynchronously generated status messages received

19

immediately when a new member joins the group. Only "DMARKS" is currently in this group. The "MWU" is the properties currently associated with DMARKS - the ability to moderate, write to the channel, and send multimedia messages.

A new member has joined the channel, and the member list status area is

5   updated right away (at FIG. 11). This new member has a login of "ME."

The user DMARKS now types "hello there" into the response area and presses RETURN (at FIG. 12). This message is passed to the controller computer 5, which sends the message to all channel members, i.e., those using participator computers 5, including DMARKS.

10   The user ME now sends a message to the controller: "hi there" (at FIG. 13). This message is also sent to all members by the controller computer 5. Now user DMARKS clicks (using input device 7, a mouse) on the name of the user "ME" in the member list window. The participator software 4 will now create a private message window, so that the users ME and DMARKS can exchange private messages. Private messages are only sent to the

15   intended recipient by the controller, and no one else.

A private message window appears in response to DMARKS's request to open private communications with ME (at FIG. 14). Now DMARKS types a message into the private message window's response area to ME: "this message is seen only by the user ME." When complete, the participator software 4 will forward this message to the controller computer 3.

20   In response, the user ME has entered "This is the private message response that is only seen by the user DMARKS," which has been forwarded to user DMARKS (at FIG. 15). This message is displayed immediately on DMARKS's window.

DMARKS now returns to the channel window for the group "TESTCHANNEL" (at FIG. 16). To modify the permission attributes associated with user ME on the channel TEST

20

CHANNEL, DMARKS (who is a moderator of the channel), clicks on the user ME in the member list to select ME, pulls down the Moderator menu, and selects "Toggle Moderator." This removes the moderator privileges from ME.

As a result of the attribute revocation, the "M" has disappeared from next to ME's
5   name in the member list (at FIG. 17), indicating that the property is no longer associated with the user ME.

Now DMARKS returns to the Channel List window (at FIG. 18). DMARKS wishes to fully moderate the contents of the channel TESTCHANNEL, censoring all unwanted communications to the channel. DMARKS returns to the channel list, and selects the channel
10   TESTCHANNEL by clicking on its name in the channel list.

Now DMARKS selects the "Toggle All Posting" option in the Maintenance pull-down menu (at FIG. 19). This will turn off the channel property "posting," (or sending communications to the channel without moderator approval) which will be indicated by the removal of the letter "P" from next to the name TESTCHANNEL (at FIG. 20).
15   Now the letter "P" is removed from after the name TESTCHANNEL in the Channel List window (at FIG. 21), indicating that this channel is now moderated and will only have free posting ability by designated members.

Now, type user ME (who is also on channel TESTCHANNEL) wishes to send communications: "this will not be written directly to the channel" (at FIG. 22). The controller,
20   instead of sending it immediately to the channel to be seen by all members, will instead forward the message to the moderators for approval. The moderator, DMARKS, will then see the message on the Moderation Window, which provides a preview of any messages to be sent. To approve a message for general viewing, DMARKS now clicks on the message.

Now that DMARKS has clicked directly on the message, it is displayed inside the

21

group's Channel window for all members to see (at FIG. 23).

DMARKS now wishes to send a graphical multimedia message. This implementation sends graphical multimedia images by allowing a channel member to specify an Internet URL of a graphical multimedia resource to be presented to the group members. In this

5   example, DMARKS wishes to send the URL "http://www.ais.net" (corresponding to the World Wide Web home page of American Information Systems, Inc.) to the channel members. DMARKS enters the URL into the response window, and selects "Send URL" from the Moderator pull-down menu (at FIG. 24).

The controller computer 5 now passes the URL to the channel members. This

10 participator software 4 performs two actions in response to the graphical multimedia display request. The first is to put the name of the URL onto the transcript of the group's channel, so that it can be read by group members. The second response is to have the participator software show the data associated with the graphical multimedia message in a human interpretable way (at FIG. 25). To do this, the participator software 6 either uses built in rules to

15 decide how the graphical multimedia data is to be presented, or locates another program suitable to present the data. In this case, the software 6 is utilizing Netscape NavigatorÔ, a program for displaying graphical multimedia documents specified by a URL (at FIG. 26). Inside the Navigator window, the graphical multimedia content, the home page of AIS, is shown.

Finally, DMARKS wishes to manually modify the attribute tokens associated with

20 the user (at FIG. 27). The user invokes the Property Editor dialog, which allows the user to view and change the tokens associated with a user. A property of a given user is determined by the Identifier and Property names. An old value of the property is shown, and a token value can be changed in the "New Value" field. With this property editor, a user with sufficient permissions (tokens) can change any of the tokens or security parameters of any user, or a

22

user's ability to change security parameters can be restricted.

To start with an alternate embodiment using a text-based interface, a user is presented by the login/password screen (at FIG. 28). This screen is where a user enters the information that proves his/her identity. The user must now enter his/her login and password to
5   identify themselves.

After the user has been identified by the controller the Channel List screen appears (at FIG. 29). The names of channels and their associated properties are shown on this screen. By using the arrow keys and highlighting the desired channel, ME may enter any publicly joinable group. Currently, there is only one group TESTCHANNEL, which ME will join.

10   Now the screen for the channel TESTCHANNEL appears (at FIG. 29). The screen is split into four regions. The bottom left region is the response line, where messages users wish to enter appear. The upper left region is the transcript area where the communications of the group's channel appear as they occur. The upper right region is the Member List region, where a continuously updated list of members' names appear, with their
15   attributes.

A message appears in the transcript area. The controller has forwarded a message to the group from DMARKS, "hello there" (at FIG. 31), which is seen by all members of the group, including ME. Now ME will respond, by entering "hi there" into the response area.

When ME is finished entering his response, the participator software forwards
20   the response to the controller, which sends it to the members of the channel. In the transcript area, the participator software notifies the user that it has received a private message from DMARKS, which is waiting inside the private message screen. To see the private message, ME presses the private message screen hot key.

A private message screen appears (at FIG. 32), and the private message from

23

DMARKS is at the bottom of the transcript area. Now to reply, ME types his response into the response area.

Now ME will return to the screen for the channel TESTCHANNEL. The member list area has changed because DMARKS has revoked ME's moderator permission. ME is no longer permitted to see the permissions of other users, so this information has been removed from his display (at FIG. 33). The only information he can see now is who is moderator (at FIG. 34). A "*" next to the identifier of a member of the group indicates the member is a moderator of the group. ME is no longer a moderator, and therefore a "*" does not appear the identifier ME.

To further exemplify the use of the present invention, the following is a transcript of communications produced in accordance herewith.

POWERQUALITY JOHNMUNG: unclear about meaning of "first contingency"

POWERQUALITY SAM: mike, that is correct on IEEE 519

POWERQUALITY SKLEIN: In assessing network security (against outage) the first contingencies are tested to see how the power system should be reconfigured to avoid getting a second contingency and cascading into an outage.

POWERQUALITY MSTEARS: These outages point out the need for reliability as part of the overall customer picture of PQ

POWERQUALITY BRIAN: Hi Jennifer, hit crt-p for private messagae

POWERQUALITY SKLEIN: In simpler terms, a single point failure shouldn't crash the system.

POWERQUALITY SKLEIN: Are we all chatted out?

POWERQUALITY ANDYV: brian, johnmung has been banned!!! why?

POWERQUALITY BRIAN: no way, new subject

POWERQUALITY BRIAN: just a sec, andy

POWERQUALITY BRIAN: No banning on this channel, John is back on

POWERQUALITY TKEY: ieee 519 limits the harmonic current a customer can inject back into the pcc and limit the   vthd the the utility provides at the PCC

5 POWERQUALITY JOHNMUNG: thanks guys, for unbanning me- i've been thrown out of better places than this!

POWERQUALITY BRIAN: New subject...now...

POWERQUALITY BRIAN: good one john.... :)

POWERQUALITY MSTEARS: For critical facilities dual feeds or other backup capability need to

10 be economically evaluated to keep the facility in operation

POWERQUALITY SAM: John, I remember that club very well

POWERQUALITY JOHNMUNG: question: please comment on frequency of complaints involving spikes, sags or harmonics

POWERQUALITY WARD: Problems caused by sags is the main complaint.

15 POWERQUALITY BRIAN: What subject does anyone want to see the next chat

POWERQUALITY WARD: Surges is probably next; harmonics really don't cause that many problems, although they are certainly there.

POWERQUALITY ANDYV: what is the solution ward?

POWERQUALITY TKEY: Agree they are the most frequent (sags) and the panel sesion on the

20 cost of voltage sags at PES drew 110 people

POWERQUALITY SAM: harmonics tend to be an interior problem within a facility,rather than on the distribution system

POWERQUALITY WARD: The best solution is making the equipment less susceptible to sags. This requires working with the manufacturers.

25

POWERQUALITY ANDYV: won't that cost more

POWERQUALITY MSTEARS: The complaint of surges covers many things in the customers

eyes sags have become a real problem because they are harder to resolve

POWERQUALITY GRAVELY: John-The latest EPRI results confirms the 90+ % of the time

5   SGS are the problem and short term ones.

POWERQUALITY WINDSONG: What is the topic for the 25??

POWERQUALITY WARD: Each problem can be dealt with as it occurs, but the time involved

gets very expensive.

POWERQUALITY JOHNMUNG: making equipment less susceptible causes legal problems for

10   manufacturers- as each improvemnt can be cited by compinant as example of malfeasance

POWERQUALITY WARD: AndyV: The cost to the manufacturer increases. The overall cost to

everyone involved decreases.

POWERQUALITY TKEY: customer pays any way you cut it, if the eqpt is more immune

customers pay only once instead of every time the process fails

15   POWERQUALITY BRIAN: The topic is regarding Power Quality

POWERQUALITY BRIAN: This chat is available for everyone 24 hours a day

POWERQUALITY ANDYV: ddorr>>will the manufacturer spend more to produce a better

product

POWERQUALITY WARD: And as Tom says, the cost to the customer is far less.

20   POWERQUALITY BRIAN: This chat will be functioning 24 hrs/day

POWERQUALITY BRIAN: please usae it

POWERQUALITY BRIAN: The next panel discussion is Nov 15th

POWERQUALITY WARD: Andy, that's where standards come in.

POWERQUALITY SKLEIN: Is the customer capable of resolving the fingerpointing among the

26

manufacturers and utilities?

POWERQUALITY DDORR: andy, only if the end userss create a market for pq compatible eqpt by demanding better products

POWERQUALITY MSTEARS: The manufacturers problems in including fixes is being

5 competative with some who doesn't provide the fix

POWERQUALITY ANDYV: how will we educate the general consumer?

POWERQUALITY GRAVELY: Is it possible to have a basic theme topic or some core questions for 15 Nov chat?

POWERQUALITY WARD: Stan, the customer cannot be expected to resolve the fingerpointing.

10 The manufacturers and utilities need to work together.

POWERQUALITY ANDYV: about power quality and reliability?

POWERQUALITY SKLEIN: If electric power is going to be treated as a fungible commodity, there has to be a definition. Like, everyone knows what number 2 heating oil is.

POWERQUALITY SAM: Ideally a manufacturer would not be able to compete if they don't add

15 the protective function in their products, but alot more public education is required before we get to this point.

POWERQUALITY WARD: Andy, there are many ways to educate the customers, but they require a lot of contact between the utility and the customers. The Western Resources Power Technology Center in Wichita is doing it, just as an example.

20 POWERQUALITY DDORR: standard power vs premium power is one solution as is std qpt vs Pq compatible eqpt

POWERQUALITY SKLEIN: I want to buy number 2 electric power and to be able to check the nameplates of my appliances to be sure they can take it. Just like I buy regular gasoline.

POWERQUALITY MSTEARS: Sam - I agree, that is partly the utilities responsibilitysince we

27

serve the customers

POWERQUALITY BBOYER: What differentiates number 2 from number 1?

POWERQUALITY SKLEIN: I used the analogy of number 2 heating oil. I don't know what number 1 heating oil is.

5 POWERQUALITY DDORR: Number two has cap switching and all the normal utility operational events while number one is much better

POWERQUALITY SKLEIN: Perhaps we can just say regular vs high test.

POWERQUALITY SAM: mike, yes a joint effort between the utiliy, manufacturer and standards juristictions is a goal for utilicorp as we move forward with offering from our strategic marketing

10 partners, and bring PQ technologies to the public

POWERQUALITY TKEY: We are finding that many mfgrs want to produce pq compatible equipment, but they have no clue as to what to test for

POWERQUALITY ANDYV: Tom>>will the IEC standards help?

POWERQUALITY TKEY: Its up to the utility to help define normal events IEC will take time

15 POWERQUALITY SKLEIN: You can't have a commodity product with all the variation in specifications we have been discussing. It has to be regular, premium, and super premium or it won't work.

POWERQUALITY JOHNMUNG: Tom as a former manufacturer i sympathize--your work at PEAC is invaluable but anecdotal knowledge from utility people on the firing line is equally

20 important

POWERQUALITY TKEY: Super premium, does that mean a UPS?

POWERQUALITY ANDYV: how do you stop a facility from affecting you super-premium power?

POWERQUALITY TKEY: John, Good Point

POWERQUALITY SAM: Tkey, a ups, local generation or redundant service

28

POWERQUALITY SKLEIN: This is what I meant earlier by electricity being a non-virtualizable service. You can't make each customer see the power system as though they had their own dedicated generating plant.

POWERQUALITY BRIAN: THE CHAT CHANNEL WILL BE OPEN 24/HRS/DAY 7 DAYS A

5   WEEK

POWERQUALITY TKEY: I must sign out for about 5 minutes but I'll be back

POWERQUALITY BRIAN: OK TOM

POWERQUALITY MSTEARS: PQ for facilities need to be done with a system perspective to to get the right resolution

10   POWERQUALITY BBOYER: Andy's question is still relevant - how do stop a facility from downgrading utility service to other customers?

POWERQUALITY BRIAN: MIKE>>LETS SWITCH BACK TO RETAIL WHEELING

POWERQUALITY WARD: You work with that customer to do whatever is needed to correct their disturbances.

15   POWERQUALITY BBOYER: Be more specific

POWERQUALITY MSTEARS: Interaction between facilites can be evaluated and designed for

POWERQUALITY JOHNMUNG: as a key to hardening it helps to identify the most sensitive circuits, i.e. microprocessor logic, test for vulnerability under common surges, sags, rfi, and then notify users that their equipment contains these subsystems- for a start

20   POWERQUALITY BRIAN: hI DOUG

POWERQUALITY GRAVELY: Brian: Are you saving this session as a file? Can we get a list of chat session participants?

POWERQUALITY BRIAN: s, we may

POWERQUALITY DMARKS: gravely: hit TAB and use the arrow keys to page through the list

29

of participants

POWERQUALITY SKLEIN: Will the session be available for downloading?

POWERQUALITY BRIAN: yes, Mike we will publish in PQ Magazine

POWERQUALITY WARD: Part of the agreement for high quality power should be that the

5 customer receiving the power will not disturb the utility system.

POWERQUALITY BRIAN: if john let's us.....

POWERQUALITY GRAVELY: I tried that, however, netcruiser has a software problem and I

cannot see all of the names.

POWERQUALITY SAM: most utilities rules and regulations already require that a customer not

10 put anything back out on the utility system

POWERQUALITY BRIAN: MIKE G.>>WE WILL PUBLISH THIS IN PQ MAG NEXT MONTH IF

ASNDY LETS US

POWERQUALITY BRIAN: HOW ABOUT IT ANDY?

POWERQUALITY ANDYV: ok

15 POWERQUALITY BRIAN: COOL

POWERQUALITY WARD: Standards will have to be set for what constitutes a disturbance, and

then the utility should work with customers, install filters, etc., to be sure they stay within the

rules.

POWERQUALITY BRIAN: THANKS ANDY

20 POWERQUALITY ANDYV: a meeting review or a sumary of events

POWERQUALITY GRAVELY: It would be good to take a few minutes to recommend how the

15 Nov session could be more effective.

POWERQUALITY BRIAN: A SYNAPSE OF THIS CHAT WILL BE IN NEXT MONTHS PQ MAG

POWERQUALITY WINDSONG:

POWERQUALITY SKLEIN: I don't get PQ mag. Will it be on the Net?

POWERQUALITY BRIAN: STAN SIGN UP FOR IT ON OUR HOME PAGE

POWERQUALITY DOUGC: the transcript of this conference will be available on the EnergyOne pages.

5 POWERQUALITY BRIAN: YOU CAN SIGN UP ON LINE

POWERQUALITY BRIAN: HTTP://WWW.UTILICORP.COM

POWERQUALITY WINDSONG: Good comment Gravely Comments from the users would be greatly appreciated!!

POWERQUALITY SAM: PQ magazine is available online on the UCU internet bulletin board,

10 http://www.utilicorp.com

POWERQUALITY ANDYV: or link from powerquality.com

POWERQUALITY BRIAN: YOU CAN GET A FREE MAG SUBSCRIPTION FROM UTILICORP'S HOME PAGE

POWERQUALITY SKLEIN: Thanks

15 POWERQUALITY BRIAN: ALSO, THERE IS A PQ FORUM ON OUR HOME PAGE

POWERQUALITY JOHNMUNG: for nov 15 shall we pick five key topics? suggest health care, energy storage rfi/emc as a few topics--also new gas turbine 25 kw generator just announce today-- just some suggestions

POWERQUALITY BRIAN: GOOD SUGGESTION JOHN

20 POWERQUALITY ANDYV: lets develop an outline of topics for next time.

POWERQUALITY BRIAN: OK

POWERQUALITY GRAVELY: One suggestion for 15 Nov--Have participants place a list of desired topics on your other chat box and prioritize by interest level.

POWERQUALITY SKLEIN: How about deregulation and retail wheeling.

31

POWERQUALITY BRIAN: COMMENTS SHOULD BE SENT TO ME BY EMAIL

POWERQUALITY BRIAN: BSPENCER@UTILICORP.COM

POWERQUALITY BRIAN: 15 minutes remaining

POWERQUALITY ANDYZYREK: Let's discuss the new standard IEEE 1159.

5   POWERQUALITY ANDYV: may be we could generate an online questionaire to see what

people are needing discussed.

POWERQUALITY BRIAN: but the chat is available for 24 hrs/day 7 days a week

POWERQUALITY ANDYV: what does IEEE1159 address?

POWERQUALITY BRIAN: Please send all suggestion to me for our next chat

10   POWERQUALITY BRIAN: Bobbin is not banned now

POWERQUALITY BRIAN: my fault

POWERQUALITY ANDYZYREK: New PQ measuring techniques. We have not received our

issue yet.

POWERQUALITY ANDYV: You should have it my now.

15   POWERQUALITY BRIAN: Bobbin is not banned anymore

POWERQUALITY ANDYV: you can e-mail me or john at: editors@powerquality.com

POWERQUALITY BRIAN: is two hours right fdo rhtis feature

POWERQUALITY JOHNMUNG: do i understand that many programmable logic controllers can

be hardened by addition of simple CVT like a sola?

20   POWERQUALITY ANDYZYREK: Yes, but it is being delivered by snail mail.

POWERQUALITY ANDYV: no 2nd class

POWERQUALITY BRIAN: 15 minutes to go

POWERQUALITY ANDYV: Please e-mail me you complete name and addess and I will mail

you one today 1st class.....now is that serice or what?

POWERQUALITY BRIAN: Is two hours long enough for tthis chat?

POWERQUALITY TKEY: Im back

POWERQUALITY WARD: Brian, I think two hours is about right.

POWERQUALITY BRIAN: hi tom

5   POWERQUALITY BRIAN: good...

POWERQUALITY ANDYV: yes I agree 2hrs

POWERQUALITY BRIAN: anyone else

POWERQUALITY ANDYV: it the time of day correct?

POWERQUALITY BRIAN: questions now....

10   POWERQUALITY SKLEIN: The topic foremost in my mind right now is what to eat for lunch. I

enjoyed the discussion, which I understand has been historic in some sense. But I think I will

sign off now and go eat.

POWERQUALITY SAM: 2 hours seems to work very well

POWERQUALITY DANIELH: time of day is good

15   POWERQUALITY BILLMANN: 2 hrs is fine

POWERQUALITY MSTEARS: Two hours work well, the middle of the day allows east and west

coast to be involved

POWERQUALITY BRIAN: good, Will everyone be back for the next chat

POWERQUALITY GRAVELY: Brian, I will forward my recommendations on email, thanks.

20   POWERQUALITY BILLMANN: yes i'll be back

POWERQUALITY ANDYZYREK: Brian, would it be possible to have a forum published on your

home page prior to Nov 15 .

POWERQUALITY BRIAN: I would like to do another chat before Nov 15th, any thoughts

POWERQUALITY ANDY: U bet

33

POWERQUALITY SAM: I believe that this chat may set an attendance record for most participants during a first session

POWERQUALITY JOHNMUNG: a parting thought--"harmonics make the music rich, they make the tone insprinng--harmonics in your power line WILL BLOW THE BUILDINGS WIRING" tIM

5   MUNGENAST

POWERQUALITY BRIAN: Your're all invited to return

POWERQUALITY BRIAN: the next chat

POWERQUALITY BRIAN: This chat feature will help set standards of how we view our industry

POWERQUALITY WARD: For me this was two hours very well spent, and it was quite

10   enjoyable.

POWERQUALITY BRIAN: Tell a colleague about our chat Nov 15th

POWERQUALITY BRIAN: Thanks Ward

POWERQUALITY BRIAN: I would like to do this on a weekly basis, any thoughts yet

POWERQUALITY GRAVELY: John: talk it up in Germany!!

15   POWERQUALITY ANDY: I would like to thank utilicorp and everyone envolved.

POWERQUALITY BRIAN: Thanks Andy for your help

POWERQUALITY WARD: Did this notice go out to the Power Globe mailing list?

POWERQUALITY BRIAN: No, but could help us Ward with that

POWERQUALITY BRIAN: Lets all get the word out about this chat

20   POWERQUALITY WARD: I'm on the list and will be glad to forward anything you wish to it.

POWERQUALITY BRIAN: Please use it whenver you wish, even schedule your own chats

whenver

POWERQUALITY JOHNMUNG: MANY THANKS TO uTILICORP AND ALL INVOLVED- FROM

AN OLD STEAM BOATER :-)

POWERQUALITY BRIAN: thanks ward

POWERQUALITY BRIAN: Hi duane

POWERQUALITY BRIAN: This chat is offically over, but do stick around for foir more chatting

POWERQUALITY BRIAN: Thanks to all, cya on Nov 15th

5   POWERQUALITY MSTEARS: Ward, Tom, and John I appreciate your participation

POWERQUALITY BRIAN: Thanks Guys and Ladies!!!!!!!!!!!

POWERQUALITY SWPPD: WHAT IS HAPPENING ON NOV. 15

POWERQUALITY BRIAN: our next chat with a panel of experts

POWERQUALITY BRIAN: topic yet to be decided

10   POWERQUALITY DPSWOBO: Hi Brian, Sorry I was on the phone and could not respond right

away. Did I get the time incorrectly for the chat?

POWERQUALITY BRIAN: please send us a suggestions

POWERQUALITY ANDY: good bye ;-)

POWERQUALITY BRIAN: Yeah, but stick around to chat with some friends

15   POWERQUALITY BRIAN: We had a total of 50 people and avg of 20 people at one time

POWERQUALITY BRIAN: Thanks everyone!!!Lunch Time

POWERQUALITY BRIAN: Next Chat Nov 15th at 10-12 ct

POWERQUALITY BRIAN: But this chat line is available 24hrs/day/7 days a week

POWERQUALITY BRIAN: Please use it whenever

20   POWERQUALITY GRAVELY: Thanks to the panel and Utilicorp for the session!

POWERQUALITY BRIAN: Talk to your collegues and friends about any particular topic

POWERQUALITY BRIAN: Come see our home page for new topics and chats

POWERQUALITY BRIAN: http://www.utilicorp.com

POWERQUALITY BRIAN: Thanks Power Quality Assurance Magazine and All our panel

35

members

POWERQUALITY BRIAN: :)

POWERQUALITY SWPPD: MISSED THIS SESSION. ICAN WE GET HARD COPY INFO?

POWERQUALITY BRIAN: yes swwp, it will be published in pq mag and our home page

5   POWERQUALITY BRIAN: catch our next session on nov 15th

POWERQUALITY BRIAN: 10-12 ct

POWERQUALITY SWPPD: THANKS A BUNCH!!

POWERQUALITY SWPPD: GOOD BYE!

POWERQUALITY BRIAN: no prob

10   POWERQUALITY BRIAN: cya

POWERQUALITY DESWETT:

POWERQUALITY TKEY: Good session brian, ddorr and I will be signing off now, look forward

to the next session

POWERQUALITY DPSWOBO: Thanks for the info on the next session, we will get on next

15   time

POWERQUALITY DMARKS: I hope everyone enjoyed this session.

POWERQUALITY MSTEARS: I am logging off Thanks

POWERQUALITY SAM: This is Tony and I am watching the action... we made history.   Great

work guys.

20   POWERQUALITY BRIAN: Lunch time

POWERQUALITY BRIAN: Next chat is nov 15th

POWERQUALITY BRIAN: 10-12ct

POWERQUALITY BRIAN: please continuie to look at utilicorp's hp

POWERQUALITY BRIAN: for more info

36

POWERQUALITY BRIAN: email if you have any questions regarding the chat

POWERQUALITY BRIAN: bspencer@utilicorp.com

POWERQUALITY BRIAN: later

SUPPORT BRIAN: hi guys

5   SUPPORT BRIAN: success

SUPPORT BRIAN: yess!!

SUPPORT BRIAN: thanks for the help

SUPPORT BRIAN: cya

POWERQUALITY BRIAN: next chat on Nov 15th

10   POWERQUALITY BRIAN: 10-12 ct

POWERQUALITY BRIAN: any suggestion on topics please contact me by email

POWERQUALITY BRIAN: bspencer@utilicorp.com

POWERQUALITY BRIAN: hi chuck

POWERQUALITY BRIAN: hi randy

15   POWERQUALITY CPREECS: hello brian

POWERQUALITY BRIAN: How are you chuck

POWERQUALITY CPREECS: how has the participation been?

POWERQUALITY BRIAN: I am sorry you missed the offical chat, but do come back at any time

for some chatting

20   POWERQUALITY BRIAN: great 20 people avg. 50 total people

POWERQUALITY CPREECS: ?yes, i got some conflicting info

POWERQUALITY BRIAN: transcripts will be in PQ mag next month and on utilicorp's home

page

POWERQUALITY CPREECS: what were the topics discussed?

POWERQUALITY BRIAN: how is that chuck

POWERQUALITY BRIAN: power quality, standards,

POWERQUALITY BRIAN: retail wheeling

POWERQUALITY BRIAN: cya, lunch time

5   POWERQUALITY CPREECS: later

POWERQUALITY BRIAN: bye all

POWERQUALITY BRIAN: email me chuck

POWERQUALITY RB: sorry I missed it. I got 12-2 est off the net. bye.

POWERQUALITY BRIAN: sorry RB

10   POWERQUALITY BRIAN: miss information

POWERQUALITY BRIAN: next chat is 10-12

POWERQUALITY BRIAN: ct

POWERQUALITY BRIAN: nov 15th

POWERQUALITY BRIAN: bye

15   POWERQUALITY RB: thanks

POWERQUALITY BRIAN: no prob, tell all

POWERQUALITY ANDY: Is anyone still here talking about power quality?

POWERQUALITY DAVE: Just signed on that is what I was trying to find out

POWERQUALITY ANDY: the PQ chat was running from 11:00-1:00est

20   POWERQUALITY ANDY: Were you involved then?

POWERQUALITY DAVE: No I just got a chance to sign on now

POWERQUALITY ANDY: there were some great discussions.

POWERQUALITY ANDY: The transcripts will be available to down load at utilicorp.com Brian

Spencer says.

38

POWERQUALITY ANDY: What is your experience in PQ

POWERQUALITY DAVE: That is what I was looking for, are they available to down load now, I work in a data center and have worked with UPS systems for about 12 years

POWERQUALITY DAVE: I did field service for Exide

5   POWERQUALITY ANDY: Brian just went to Lunch in KS I don/t know when it will availalbe.

POWERQUALITY DAVE: Thanks for the Info on the downloads, I hope they do this again

POWERQUALITY ANDY: so do I.

POWERQUALITY DAVE: What is your experience on PQ

POWERQUALITY ANDY: I am the editor or Power quality mag.

10   POWERQUALITY DAVE: Good mag., I pick up alot in it

POWERQUALITY ANDY: do your receive power quality assurance magazine?

POWERQUALITY ANDY: great glad to hear it.

POWERQUALITY DAVE: We get it at work but I have asked to have it sent to my home

POWERQUALITY ANDY: did you get the latest issue witht the lighting on the cover?

15   POWERQUALITY DAVE: Not yet, have seen it on line though

POWERQUALITY ANDY: great.

POWERQUALITY ANDY: any suggestion for editorial?

POWERQUALITY DAVE:

POWERQUALITY DAVE: no it is good

20   POWERQUALITY ANDY: ok.

POWERQUALITY ANDY: I am currently editing an article about VRLA battery charging.

POWERQUALITY DAVE: I am working on a resonant problem with Utility and was looking for info

POWERQUALITY ANDY: explain

39

POWERQUALITY ANDY: by the way my e-mail is andy@powerquality.com

POWERQUALITY DAVE: we are running a lot of 5th har. across our system in a large data center

POWERQUALITY ANDY: I see

5 POWERQUALITY ANDY: I will try to address this in an upcomming issue. may be march/april or even sooner.

POWERQUALITY DAVE: we have 4800kw of UPS cap on two transformers and we have alot of 5th on our other boards

POWERQUALITY ANDY: If you are interested in writing up a case history including you

10 solutions I would like to review it and poss. publish

POWERQUALITY MSTONEHAM: Is this chat session still active?

POWERQUALITY ANDY: YES

POWERQUALITY ANDY: We can'nt get enough! ! !

POWERQUALITY DAVE: when we can get it fixed, It looks like we have a problem with input

15 filtering on a couple of UPS,s

POWERQUALITY ANDY: input fro the utility or a generator?

POWERQUALITY DAVE: utility

POWERQUALITY MSTONEHAM: I understand there was a chat session earlier today with some guest" chatters". Is there an archive of the discussion since I missed it?

20 POWERQUALITY DAVE: we have 66kv to 12kv then to 480 v by 4 trans on property

POWERQUALITY ANDY: What are you leaning towards in a solution dave

POWERQUALITY ANDY: MTONEHAM>>yes but I don't know when. contact BSPENCER@utilicorp.com

POWERQUALITY DAVE: the computer seem to have no problem, but we have alot of motor

40

heating / bad PF

POWERQUALITY MSTONEHAM: Thanks!

POWERQUALITY DAVE: we currently are working with a consulant but I am looking for more info

5   POWERQUALITY ANDY: will capacitors solve your ptoblem

POWERQUALITY ANDY:

POWERQUALITY ANDY: there also is a forum under utilicorp.com where you can post you questions.

POWERQUALITY DAVE: Each 600kw UPS has Input filtering / may need trap for 5th

10   POWERQUALITY ANDY: or you can access it form powerquality.com

POWERQUALITY DAVE: thanks

POWERQUALITY ANDY: Talk to ya later dave

POWERQUALITY DAVE: is PQ.com your Mag

POWERQUALITY ANDY: bye

15   POWERQUALITY DAVE: bye

POWERQUALITY ANDY: yes

POWERQUALITY DAVE: thanks

POWERQUALITY ANDY: :-)

POWERQUALITY MSTONEHAM:

20   POWERQUALITY MSTONEHAM: Is anyone else hear? There doesn't seem to be much traffic.

POWERQUALITY MSTONEHAM:

POWERQUALITY CILCOJRG: Hello- is the conference over?

POWERQUALITY CILCOJRG:

POWERQUALITY CILCOJRG: hello

41

POWERQUALITY BRIAN: yes

POWERQUALITY BRIAN: the conference was from 10-12 ct

POWERQUALITY BRIAN: someone gave out the wrong information

POWERQUALITY BRIAN: hello cilco

5 POWERQUALITY BRIAN: anyone still there

SUPPORT BRIAN: hi all

SUPPORT BRIAN: anyone there

POWERQUALITY BRIAN: jenny>>are you there

POWERQUALITY CJBOUTCHER: is anyone here a utility employee?

10 POWERQUALITY BRIAN: Hi chris

POWERQUALITY BRIAN: how are you?

POWERQUALITY CJBOUTCHER: hi brian it is quiet in here

POWERQUALITY BRIAN: the conference was at 10:00ct

POWERQUALITY CJBOUTCHER: ah I see

15 POWERQUALITY CJBOUTCHER: when is the next one?

POWERQUALITY BRIAN: nov 15th

POWERQUALITY BRIAN: 10-12

POWERQUALITY BRIAN: ct

POWERQUALITY CJBOUTCHER: is the channel open at other times?

20 POWERQUALITY BRIAN: yes 24 hours a dfay

POWERQUALITY CJBOUTCHER: but not much discussion?

POWERQUALITY BRIAN: not right now,

POWERQUALITY BRIAN: cya

POWERQUALITY CJBOUTCHER: bye

42

POWERQUALITY BRIAN: hi jenny

POWERQUALITY JOSH: hello?

POWERQUALITY BRIAN: hi dan

POWERQUALITY BRIAN: hi dan

5   POWERQUALITY BRIAN: are you awake yet?

POWERQUALITY BRIAN: just giving present this a.m.
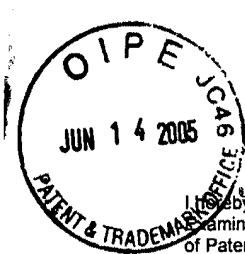
POWERQUALITY BRIAN: :)

POWERQUALITY BRIAN: who is guest96

POWERQUALITY GUEST96: test

10   _____

While a particular embodiment of the present invention has been disclosed, it is
to be understood that various different modifications are possible and are within the true spirit of
the invention, the scope of which is to be determined with reference to the claims set forth
below. There is no intention, therefore, to limit the invention to the exact disclosure presented

15   herein as a teaching of one embodiment of the invention.

43

I hereby certify that this correspondence is being filed by hand delivery to
Examiner P. Winder, Group Art Unit 2145, and addressed to Commissioner
of Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

By _____
Peter K. Trzyna (Reg. No. 32,601)

Date _____ June 9, 2005 _____

PATENT

Paper No.

Our File No. AIS-P99-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor	:	MARKS, Daniel L.
Serial No.	:	09/399,578
Filed	:	09/20/1999
For	:	GROUP COMMUNICATIONS MULTIPLEXING SYSTEM
Group Art Unit	:	2145
Examiner	:	WINDER, Patrice L.

Honorable Commissioner of
P.O. Box 1450
Alexandria, VA 22313-1450

CLEAN VERSION OF THE CLAIMS

SIR:

As a courtesy to the Examiner, set forth below is a clean version of the claims.

1. (currently amended)   A method of using computers to communicate over an Internet network, the method including the steps of:

connecting a plurality of participator computers with a controller computer through the Internet network;

receiving a log in name and a password corresponding to a user identity, respectively from each of said participator computers;

respectively storing a set of privileges corresponding to each of said user identities, the set including a privilege to receive non-textual communication;

determining which ones of the participator computers can form a group to send and receive communications, said communications respectively are in accordance with the corresponding privilege; and

sending and receiving said communications in real time over the Internet network between said participator computers in said group, some of said communications of members of the group including a respective video, graphic, graphical multimedia, or pointer-triggered message that is receivable on demand.

2. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said pointer-triggered message.

3. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said pointer-triggered message and said graphic and further comprising a human communication sound.

4. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said pointer-triggered message and said video and said graphic.

5. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications further comprising a human communication sound.

6. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said video and further

2

comprising a human communication sound.

7. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said graphic and further comprising a human communication sound.

8. (previously presented)   The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said pointer-triggered message and further comprising a human communication sound.

9. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications further comprising a human communication sound and text or ascii.

10. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said video.

11. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said video and said graphic.

12. (previously presented)   The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said video and said pointer-triggered message.

13. (previously presented) The method of claim 1, wherein the steps of sending

3

and receiving are carried out with one of said communications comprising said video and further comprising text or ascii.

14. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said graphic.

15. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said graphic and said pointer-triggered message.

16. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said graphic and further comprising text or ascii.

17. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said video and said graphic and further comprising a human communication sound.

18. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said video and said pointer-triggered message and further comprising a human communication sound.

19. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising and further comprising a human communication sound and text or ascii.

4

20. (previously presented)   The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said video and said graphic and said pointer-triggered message and further comprising a human communication sound.

21. (previously presented)   The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said video and said pointer-triggered message and further comprising a human communication sound and text or ascii.

22. (previously presented)   The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said video and said graphic and said pointer-triggered message and further comprising a human communication sound and text or ascii.

23. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications further comprising text or ascii.

24. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said graphic and further comprising a human communication sound and text or ascii.

25. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said graphic and said video and further comprising text or ascii.

5

26. (previously presented)　　　The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said pointer-triggered message and further comprising text or ascii.

27. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said pointer-triggered message and said video and further comprising text or ascii.

28. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said video and said graphic and further comprising a human communication sound and text or ascii.

29. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said pointer-triggered message and further comprising a human communication sound and text or ascii.

30. (previously presented)　　The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising and said pointer-triggered message and said graphic and further comprising a human communication sound and text or ascii.

31. (previously presented) The method of claim 1, wherein the steps of sending and receiving are carried out with one of said communications comprising said video and said graphic and said pointer-triggered message and further comprising text or ascii.

32. (previously presented) The method of claim 1, wherein the steps of sending

6

and receiving are carried out with one of said communications comprising said graphic and said pointer-triggered message and further comprising text or ascii.

33. (previously presented)   The method of claim 170, wherein said step of arbitrating is carried out with said pointer-triggered message, and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate a human communication sound and text or ascii to the other of the participator computers.

34. (previously presented) The method of claim 170, wherein said step of arbitrating is carried out with said pointer-triggered message and said graphic, and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate test or ascii to the other of the participator computers.

35. (previously presented) The method of claim 170, wherein said step of arbitrating is carried out with said video and said graphic, and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate a human communication sound and text or ascii to the other of the participator computers.

36. (previously presented)   The method of claim 170, wherein said step of arbitrating is carried out with said graphic and said pointer-triggered message, and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate a human communication sound and text or ascii to the other of the participator computers.

37. (previously presented) The method of claim 170, wherein said step of

7

arbitrating is carried out with said graphic and said video, and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate text or ascii to the other of the participator computers.

38. (previously presented)   The method of claim 170, wherein said step of arbitrating is carried out with said video and said graphic and said pointer-triggered message, and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate text or ascii to the other of the participator computers.

39. (previously presented)   The method of claim 170, wherein said step of arbitrating is carried out with said video and said pointer-triggered message, and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate text or ascii to the other of the participator computers.

40. (previously presented)   The method of claim 170, wherein said step of arbitrating is carried out with said video and said graphic and said pointer-triggered message.

41. (previously presented) The method of claim 170, further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate a human communication sound.

42. (previously presented) The method of claim 170, wherein said step of arbitrating is carried out with said video, and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate a human communication sound.

43. (previously presented) The method of claim 170, wherein said step of arbitrating is carried out with said graphic, and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate a human communication sound.

44. (previously presented)   The method of claim 170, wherein said step of arbitrating is carried out with said pointer-triggered message and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate a human communication sound.

45. (previously presented) The method of claim 170, further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate a human communication sound and text or ascii to the other of the participator computers.

46. (previously presented) The method of claim 170, wherein said step of arbitrating is carried out with said video.

47. (previously presented) The method of claim 170, wherein said step of arbitrating is carried out with said video and said graphic.

48. (previously presented)   The method of claim 170, wherein said step of arbitrating is carried out with said video and said pointer-triggered message.

49. (previously presented) The method of claim 170, wherein said step of

9

arbitrating is carried out with said video, and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate text or ascii to the other of the participator computers.

50. (previously presented) The method of claim 170, wherein said step of arbitrating is carried out with said graphic.

51. (previously presented) The method of claim 170, wherein said step of arbitrating is carried out with said graphic and said pointer-triggered message.

52. (previously presented) The method of claim 170, wherein said step of arbitrating is carried out with said graphic, and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate text or ascii to the other of the participator computers.

53. (previously presented) The method of claim 170, wherein said step of arbitrating is carried out with said video and said graphic, and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate a human communication sound.

54. (previously presented) The method of claim 170, wherein said step of arbitrating is carried out with said video and said pointer-triggered message, and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate a human communication sound.

55. (previously presented) The method of claim 170, wherein said step of

10

arbitrating is carried out with said video, and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate a human communication sound and text or ascii to the other of the participator computers.

56. (previously presented)   The method of claim 170, wherein said step of arbitrating is carried out with said video and said graphic and said pointer-triggered message, and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate a human communication sound.

57. (previously presented)   The method of claim 170, wherein said step of arbitrating is carried out with said video and said pointer-triggered message, and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate a human communication sound and text or ascii to the other of the participator computers.

/

58. (previously presented)   The method of claim 170, wherein said step of arbitrating is carried out with said video and said graphic and said pointer-triggered message, and further including the step of arbitrating with the controller computer to determine which of the participator computers can communicate a human communication sound and text or ascii to the other of the participator computers.

59. (previously presented) The method of claim 170, wherein said step of arbitrating is carried out with said graphic and said pointer-triggered message and further comprising a human communication sound.

60. (previously presented) The method of claim 170, wherein said step of

11

arbitrating is carried out with said pointer-triggered message, and wherein said step of arbitrating includes arbitrating to determine which of the participator computers can communicate text or ascii to the other of the participator computers.

61. (previously presented) The method of claim 170, wherein said step of arbitrating includes arbitrating to determine which of the participator computers can communicate text or ascii to the other of the participator computers.

62. (previously presented) The method of claim 170, wherein said step of arbitrating is carried out with said pointer-triggered message.

63. (previously presented) The method of claim 170, wherein said step of arbitrating is carried out with said graphic, and wherein said step of arbitrating includes arbitrating to determine which of the participator computers can communicate a human communication sound and text or ascii to the other of the participator computers.

64. (previously presented) The method of claim 1, further including the step of: determining a user's age corresponding to said user identity.

65. (previously presented) The method of claim 2, further including the step of: determining a user's age corresponding to said user identity.

66. (previously presented) The method of claim 3, further including the step of: determining a user's age corresponding to said user identity.

67. (previously presented) The method of claim 4, further including the step of:

12

determining a user's age corresponding to said user identity.

68. (previously presented) The method of claim 5, further including the step of:

determining a user's age corresponding to said user identity.

69. (previously presented) The method of claim 6, further including the step of:

determining a user's age corresponding to said user identity.

70. (previously presented) The method of claim 7, further including the step of:

determining a user's age corresponding to said user identity.

71. (previously presented) The method of claim 8, further including the step of:

determining a user's age corresponding to said user identity.

72. (previously presented) The method of claim 9, further including the step of:

determining a user's age corresponding to said user identity.

73. (previously presented) The method of claim 10, further including the step of:

determining a user's age corresponding to said user identity.

74. (previously presented) The method of claim 11, further including the step of:

determining a user's age corresponding to said user identity.

75. (previously presented) The method of claim 12, further including the step of:

determining a user's age corresponding to said user identity.

76. (previously presented) The method of claim 13, further including the step of:

determining a user's age corresponding to said user identity.

77. (previously presented) The method of claim 14, further including the step-of:

determining a user's age corresponding to said user identity.

78. (previously presented) The method of claim 15, further including the step of:

determining a user's age corresponding to said user identity.

79. (previously presented) The method of claim 16, further including the step of:

determining a user's age corresponding to said user identity.

80. (previously presented) The method of claim 17, further including the step of:

determining a user's age corresponding to said user identity.

81. (previously presented) The method of claim 18, further including the step of:

determining a user's age corresponding to said user identity.

82. (previously presented) The method of claim 19, further including the step of:

determining a user's age corresponding to said user identity.

83. (previously presented) The method of claim 20, further including the step of:

determining a user's age corresponding to said user identity.

84. (previously presented) The method of claim 21, further including the step of:

14

determining a user's age corresponding to said user identity.

85. (previously presented)   The method of claim 22, further including the step of: determining a user's age corresponding to said user identity.

86. (previously presented)   The method of claim 23, further including the step of: determining a user's age corresponding to said user identity.

87. (previously presented)   The method of claim 24, further including the step of: determining a user's age corresponding to said user identity.

88. (previously presented)   The method of claim 25, further including the step of: determining a user's age corresponding to said user identity.

89. (previously presented)   The method of claim 26, further including the step of: determining a user's age corresponding to said user identity.

90. (previously presented)   The method of claim 27, further including the step of: determining a user's age corresponding to said user identity.

91. (previously presented)   The method of claim 28, further including the step of: determining a user's age corresponding to said user identity.

92. (previously presented)   The method of claim 29, further including the step of: determining a user's age corresponding to said user identity.

93. (previously presented)   The method of claim 30, further including the step of:

determining a user's age corresponding to said user identity.

94. (previously presented)   The method of claim 31, further including the step of: determining a user's age corresponding to said user identity.

95. (previously presented)   The method of claim 32, further including the step of: determining a user's age corresponding to said user identity.

96. (previously presented) The method of claim 33, further including the step of: determining a user's age corresponding to said user identity.

97. (previously presented)   The method of claim 34, further including the step of: determining a user's age corresponding to said user identity.

98. (previously presented)   The method of claim 35, further including the step of: determining a user's age corresponding to said user identity.

99. (previously presented)   The method of claim 36, further including the step of: determining a user's age corresponding to said user identity.

100. (previously presented) The method of claim 37, further including the step of: determining a user's age corresponding to said user identity.

101. (previously presented) The method of claim 38, further including the step of: determining a user's age corresponding to said user identity.

102. (previously presented) The method of claim 39, further including the step of:

16

determining a user's age corresponding to said user identity.

103. (previously presented) The method of claim 40, further including the step of: determining a user's age corresponding to said user identity.

104. (previously presented) The method of claim 41, further including the step of: determining a user's age corresponding to said user identity.

105. (previously presented) The method of claim 42, further including the step of: determining a user's age corresponding to said user identity.

106. (previously presented) The method of claim 43, further including the step of: determining a user's age corresponding to said user identity.

107. (previously presented) The method of claim 44, further including the step of: determining a user's age corresponding to said user identity.

108. (previously presented) The method of claim 45, further including the step of: determining a user's age corresponding to said user identity.

109. (previously presented) The method of claim 46, further including the step of: determining a user's age corresponding to said user identity.

110. (previously presented) The method of claim 47, further including the step of: determining a user's age corresponding to said user identity.

111. (previously presented) The method of claim 48, further including the step of: determining a user's age corresponding to said user identity.

112. (previously presented) The method of claim 49, further including the step of: determining a user's age corresponding to said user identity.

113. (previously presented) The method of claim 50, further including the step of: determining a user's age corresponding to said user identity.

114. (previously presented) The method of claim 51, further including the step of: determining a user's age corresponding to said user identity.

115. (previously presented) The method of claim 52, further including the step of: determining a user's age corresponding to said user identity.

116. (previously presented) The method of claim 53, further including the step of: determining a user's age corresponding to said user identity.

117. (previously presented) The method of claim 54, further including the step of: determining a user's age corresponding to said user identity.

118. (previously presented) The method of claim 55, further including the step of: determining a user's age corresponding to said user identity.

119. (previously presented) The method of claim 56, further including the step of: determining a user's age corresponding to said user identity.

120. (previously presented) The method of claim 57, further including the step of: determining a user's age corresponding to said user identity.

121. (previously presented) The method of claim 58, further including the step of: determining a user's age corresponding to said user identity.

122. (previously presented) The method of claim 59, further including the step of: determining a user's age corresponding to said user identity.

123. (previously presented) The method of claim 60, further including the step of: determining a user's age corresponding to said user identity.

124. (previously presented) The method of claim 61, further including the step of: determining a user's age corresponding to said user identity.

125. (previously presented) The method of claim 62, further including the step of: determining a user's age corresponding to said user identity.

126. (previously presented) The method of claim 63, further including the step of: determining a user's age corresponding to said user identity.

127. (previously presented) The method of claim 1, wherein the step of arbitrating includes authorizing a moderator for said communications.

128. (previously presented) The method of claim 2, wherein the step of

19

arbitrating includes authorizing a moderator for said communications.

129. (previously presented) The method of claim 3, wherein the step of arbitrating includes authorizing a moderator for said communications.

130. (previously presented) The method of claim 4, wherein the step of arbitrating includes authorizing a moderator for said communications.

131. (previously presented) The method of claim 5, wherein the step of arbitrating includes authorizing a moderator for said communications.

132. (previously presented) The method of claim 6, wherein the step of arbitrating includes authorizing a moderator for said communications.

133. (previously presented) The method of claim 7, wherein the step of arbitrating includes authorizing a moderator for said communications.

134. (previously presented) The method of claim 8, wherein the step of arbitrating includes authorizing a moderator for said communications.

135. (previously presented) The method of claim 9, wherein the step of arbitrating includes authorizing a moderator for said communications.

136. (previously presented) The method of claim 10, wherein the step of arbitrating includes authorizing a moderator for said communications.

137. (previously presented) The method of claim 11, wherein the step of arbitrating includes authorizing a moderator for said communications.

138. (previously presented) The method of claim 12, wherein the step of arbitrating includes authorizing a moderator for said communications.

139. (previously presented) The method of claim 13, wherein the step of arbitrating includes authorizing a moderator for said communications.

140. (previously presented) The method of claim 14, wherein the step of arbitrating includes authorizing a moderator for said communications.

141. (previously presented) The method of claim 15, wherein the step of arbitrating includes authorizing a moderator for said communications.

142. (previously presented) The method of claim 16, wherein the step of arbitrating includes authorizing a moderator for said communications.

143. (previously presented) The method of claim 17, wherein the step of arbitrating includes authorizing a moderator for said communications.

144. (previously presented) The method of claim 18, wherein the step of arbitrating includes authorizing a moderator for said communications.

145. (previously presented) The method of claim 19, wherein the step of arbitrating includes authorizing a moderator for said communications.

21

146. (previously presented)   The method of claim 20, wherein the step of arbitrating includes authorizing a moderator for said communications.

147. (previously presented)   The method of claim 21, wherein the step of arbitrating includes authorizing a moderator for said communications.

148. (previously presented)   The method of claim 22, wherein the step of arbitrating includes authorizing a moderator for said communications.

149. (previously presented)   The method of claim 23, wherein the step of arbitrating includes authorizing a moderator for said communications.

150. (previously presented)   The method of claim 24, wherein the step of arbitrating includes authorizing a moderator for said communications.

151. (previously presented)   The method of claim 25, wherein the step of arbitrating includes authorizing a moderator for said communications.

152. (previously presented)   The method of claim 26, wherein the step of arbitrating includes authorizing a moderator for said communications.

153. (previously presented)   The method of claim 27, wherein the step of arbitrating includes authorizing a moderator for said communications.

154. (previously presented)   The method of claim 28, wherein the step of

22

arbitrating includes authorizing a moderator for said communications.

155. (previously presented)   The method of claim 29, wherein the step of arbitrating includes authorizing a moderator for said communications.

156. (previously presented)   The method of claim 30, wherein the step of arbitrating includes authorizing a moderator for said communications.

157. (previously presented)   The method of claim 31, wherein the step of arbitrating includes authorizing a moderator for said communications.

158. (previously presented)   The method of claim 32, wherein the step of arbitrating includes authorizing a moderator for said communications.

159. (previously presented)   The method of claim 170, further including the step of communicating a user image from said one of the plurality of the participator computers to the other of the participator computers.

160. (previously presented)   The method of claim 41, further including the step of communicating a user image from said one of the plurality of the participator computers to the other of the participator computers.

161. (previously presented)   The method of claim 42, further including the step of communicating a user image from said one of the plurality of the participator computers to the other of the participator computers.