

'731 Patent Claim Elements

Element Designation	Claim Element
1[pre]	An apparatus for use with a group-based communication system to facilitate messaging communication over a network between users of said system, comprising:
1[a]	a processor, and a memory associated with said processor having computer coded instructions therein, with said computer coded instructions configured to, when executed by said processor, cause the apparatus to:
1[b]	generate a group-based communication interface on a display screen of a user client device, the group-based communication interface defining:
1[c]	a first pane configured to display a plurality of channel identifiers, each of said plurality of channel identifiers corresponding to a respective one of a plurality of group-based communication channels, each of such channels having an associated group of members who are users of said system, and
1[d]	a second pane configured to display messaging communications associated with a selected one of said plurality of group-based communication channels corresponding to one of said plurality of channel identifiers,
1[e]	wherein, associated with said second pane, is a channel text entry field that is user operable to generate communication in said selected one of said plurality of group-based communication channels, and a title field displaying information identifying said selected one of said plurality of group-based communication channels,
1[f]	receive a first messaging communication associated with the selected one of the plurality of group-based communication channels, the selected one of the plurality of group-based communication channels comprising messaging communications, including said first messaging communication, between members of the group associated with said selected one of the plurality of group-based communication channels;
1[g]	display said first messaging communication within said second pane;
1[h]	display a first user-selectable control associated with said first messaging communication;
1[i]	in response to a user selection of said first user-selectable control, display a third pane, said third pane displaying said first messaging communication and having an associated sidebar text-entry field that is different from said channel text-entry field and operable to receive user input of an additional messaging communication;
1[j]	wherein said third pane and said sidebar text-entry field are displayed simultaneously with said first pane, said second pane and said channel text-entry field;
1[k]	and wherein said first messaging communication is displayed within said third pane and said second pane simultaneously;

1[l]	receive user input of an additional messaging communication in said sidebar text-entry field;
1[m]	after receipt of said user input: transmit said additional messaging communication, via a network, to at least one member of the group associated with said selected group-based communication channel and
1[n]	display, in said third pane, a first subsidiary communication thread having an anchor message, said thread comprising said first messaging communication together with said additional messaging communication, wherein said first messaging communication is the anchor message of said first subsidiary communication thread;
1[o]	display a second user-selectable control associated with said first messaging communication in said second pane, said second user-selectable control being associated with an indication that said first messaging communication is an anchor message of a subsidiary communication thread, and being configured to:
1[p]	in response to a user selection of said second user selectable control, cause at least a portion of said first subsidiary communication thread containing said first messaging communication to be displayed in said third pane.
2	The apparatus of claim 1, further comprising instructions for causing the apparatus to display said additional messaging communication in said second pane while said additional messaging communication is being displayed in said third pane.
3[pre]	The apparatus of claim 2, wherein displaying said additional messaging communication in said second pane comprises providing a third user-selectable control associated with said additional messaging communication in said second pane, wherein said third user-selectable control is configured to:
3[a]	in response to user selection of said third user-selectable control, cause at least a portion of said first subsidiary communication thread containing said additional messaging communication to be displayed in a third pane.
4	The apparatus of claim 3, wherein providing said third user-selectable control comprises displaying said third user-selectable control proximate to said additional messaging communication.
5	The apparatus of claim 2, wherein further messaging communications other than said first messaging communication and said additional messaging communications are also displayed in said second pane, and wherein displaying said additional messaging communication comprises displaying said additional messaging communication in the second pane in chronological order relative to said further messaging communications that are displayed in the second pane.
6	The apparatus of claim 3, wherein causing at least a portion of said first subsidiary communication thread containing said additional messaging communication to be displayed in said third pane comprises displaying said sidebar text-entry field associated with said third pane that is operable to receive said additional messaging communication.

7	The apparatus of claim 3, wherein displaying said additional messaging communication in said second pane comprises, while said additional messaging communication is displayed in said second pane, displaying identifying information associated with the anchor message in association with said additional messaging communication in said second pane.
8	The apparatus of claim 3, wherein, displaying said additional messaging communication in said second pane comprises, while said additional messaging communication is displayed in said second pane, displaying an indicator identifying said additional messaging communication as associated with a subsidiary communication thread in association with said additional messaging communication in said second pane.
9	The apparatus of claim 7, wherein at least some of said identifying information associated with said anchor message comprises a fourth user-selectable control operable to cause the display of at least a portion of said subsidiary communication thread in said third pane.
10	The apparatus of claim 1, wherein displaying said third pane having said associated sidebar text-entry field further comprises displaying said sidebar text-entry field simultaneously with the display of said channel text-entry field, and wherein both said sidebar text-entry field and said channel text-entry field are selectable by a user to receive input representing a new message while they are being simultaneously displayed.
11	The apparatus of claim 1, wherein transmitting said additional messaging communication, via said network, to at least one member of the group associated with the selected group-based communication channel comprises transmitting said additional messaging communication to fewer than all of the members of said group.
12	The apparatus of claim 1, further comprising instructions for receiving a request to permit a non-member user that is not a member of the associated group of members of said group-based communication channel to receive messaging communications comprising said subsidiary communication thread and, in response to receiving said request, enabling said non-member user to receive such communications.
13[pre]	The apparatus of claim 1, further comprising instructions for displaying a fifth user-selectable control, said control being operable to:
13[a]	in response to user selection of said fifth user-selectable control, selectively display messaging communications having a specific type associated with said selected fifth user-selectable control, said messaging communications being from at least two separate group-based communication channels.
14	The apparatus of claim 13, wherein said specific type is a class of messaging communications in which the messaging communications are all parts of subsidiary communication threads that incorporate messaging communications generated by a specific user of said system.

15[pre]	A method for operating an apparatus for use with a group-based communication system to facilitate messaging communication over a network between users of said system, comprising:
15[a]	generating a group-based communication interface on a display screen of a user client device, the group-based communication interface defining:
15[b]	a first pane configured to display a plurality of channel identifiers, each of said plurality of channel identifiers corresponding to a respective one of a plurality of group-based communication channels, each of such channels having an associated group of members who are users of said system, and
15[c]	a second pane configured to display messaging communications associated with a selected one of said plurality of group-based communication channels corresponding to one of said plurality of channel identifiers,
15[d]	wherein, associated with said second pane, is a channel text entry field that is user operable to generate communication in said selected one of said plurality of group-based communication channels, and a title field displaying information identifying said selected one of said plurality of group-based communication channels,
15[e]	receiving a first messaging communication associated with the selected one of the plurality of group-based communication channels, the selected one of the plurality of group-based communication channels comprising messaging communications, including said first messaging communication, between members of the group associated with said selected one of the plurality of group-based communication channels;
15[f]	displaying said first messaging communication within said second pane;
15[g]	displaying a first user-selectable control associated with said first messaging communication;
15[h]	in response to a user selection of said first user-selectable control, displaying a third pane, said third pane displaying said first messaging communication and having an associated sidebar text-entry field that is different from said channel text-entry field and operable to receive user input of an additional messaging communication;
15[i]	wherein said third pane and said sidebar text-entry field are displayed simultaneously with said first pane, said second pane and said channel text-entry field; and
15[j]	wherein said first messaging communication is displayed within said third pane and said second pane simultaneously;
15[k]	receiving user input of an additional messaging communication in said sidebar text-entry field;
15[l]	after receipt of said user input: transmitting said additional messaging communication, via a network, to at least one member of the group associated with said selected group-based communication channel and
15[m]	displaying, in said third pane, a first subsidiary communication thread having an anchor message, said thread comprising said first messaging communication together with said additional messaging communication, wherein said first messaging communication is the anchor message of

	said first subsidiary communication thread;
15[n]	displaying a second user-selectable control associated with said first messaging communication in said second pane, said second user-selectable control being associated with an indication that said first messaging communication is an anchor message of a subsidiary communication thread and being configured to:
15[o]	in response to a user selection of said second user-selectable control, cause at least a portion of said first subsidiary communication thread containing said first messaging communication to be displayed in said third pane.
16	The method of claim 15, further comprising displaying said additional messaging communication in said second pane while said additional messaging communication is being displayed in said third pane.
17[pre]	The method of claim 16, wherein displaying said additional messaging communication in said second pane comprises providing a third user-selectable control associated with said additional messaging communication in said second pane, wherein said third user-selectable control is configured to:
17[a]	in response to user selection of said third user-selectable control, cause at least a portion of said first subsidiary communication thread containing said additional messaging communication to be displayed in a third pane.
18	The method of claim 17, wherein displaying said additional messaging communication in said second pane comprises causing at least a portion of said subsidiary communication thread to be displayed in said third pane comprises displaying said sidebar text-entry field associated with said third pane that is operable to receive said additional messaging communication.
19	The method of claim 17, wherein displaying said additional messaging communication in said second pane comprises, while said additional messaging communication is displayed in said second pane, identifying information associated with the anchor message is also displayed in association with said additional messaging communication in said second pane.
20	The method of claim 17, wherein, while said additional messaging communication is displayed in said second pane, an indicator identifying said additional messaging communication as associated with a subsidiary communication thread is also displayed in association with said additional messaging communication in said second pane.
21	The method of claim 19, wherein at least some of said identifying information associated with said anchor message comprises a fourth user-selectable control operable to cause the display of at least a portion of said subsidiary communication thread in said third pane.
22	The method of claim 15, wherein displaying said third pane having said associated sidebar text-entry field further comprises displaying said sidebar text-entry field simultaneously with the display of said channel text-entry field, and wherein both said sidebar text-entry field and said

	channel text-entry field are selectable by a user to receive input representing a new message while they are being simultaneously displayed.
23[pre]	The method of claim 15, further comprising displaying a fifth user-selectable control, said control being operable to:
23[a]	in response to user selection of said fifth user-selectable control, selectively display messaging communications having a specific type associated with said selected fifth user-selectable controls, said messaging communications being from at least two separate group-based communication channels.
24	The method of claim 23, wherein said specific type is a class of messaging communications in which the messaging communications are all parts of subsidiary communication threads that incorporate messaging communications generated by a specific user of said system.
25[pre]	One or more non-transitory computer-readable media storing instructions executable by one or more processors that, when executed by the one or more processors, cause the one or more processors to perform acts comprising:
25[a]	generating a group-based communication interface on a display screen of a user client device, the group-based communication interface defining:
25[b]	a first pane configured to display a plurality of channel identifiers, each of said plurality of channel identifiers corresponding to a respective one of a plurality of group-based communication channels, each of such channels having an associated group of members who are users of said system, and
25[c]	a second pane configured to display messaging communications associated with a selected one of said plurality of group-based communication channels corresponding to one of said plurality of channel identifiers,
25[d]	wherein, associated with said second pane, is a channel text entry field that is user operable to generate communication in said selected one of said plurality of group-based communication channels, and a title field displaying information identifying said selected one of said plurality of group-based communication channels,
25[e]	receiving a first messaging communication associated with the selected one of the plurality of group-based communication channels, the selected one of the plurality of group-based communication channels comprising messaging communications, including said first messaging communication, between members of the group associated with said selected one of the plurality of group-based communication channels;
25[f]	displaying said first messaging communication within said second pane;
25[g]	displaying a first user-selectable control associated with said first messaging communication;
25[h]	in response to a user selection of said first user-selectable control, displaying a third pane, said third pane displaying said first messaging

	communication and having an associated sidebar text-entry field that is different from said channel text-entry field and operable to receive user input of an additional messaging communication;
25[i]	wherein said third pane and said sidebar text-entry field are displayed simultaneously with said first pane, said second pane and said channel text-entry field; and
25[j]	wherein said first messaging communication is displayed within said third pane and said second pane simultaneously;
25[k]	receiving user input of an additional messaging communication in said sidebar text-entry field;
25[l]	after receipt of said user input: transmitting said additional messaging communication, via a network, to at least one member of the group associated with said selected group-based communication channel and
25[m]	display, in said third pane, a first subsidiary communication thread having an anchor message, said thread comprising said first messaging communication together with said additional messaging communication, wherein said first messaging communication is the anchor message of said first subsidiary communication thread;
25[n]	displaying a second user-selectable control associated with said first messaging communication in said second pane, said second user-selectable control being associated with an indication that said first messaging communication is an anchor message of a subsidiary communication thread, and being configured to:
25[o]	in response to a user selection of said second user-selectable control, cause at least a portion of said first subsidiary communication thread containing said first messaging communication to be displayed in said third pane.
26	The one or more non-transitory computer-readable media of claim 25, wherein said acts further comprise displaying said additional messaging communication in said second pane while said additional messaging communication is being displayed in said third pane.
27[pre]	The one or more non-transitory computer-readable media of claim 26, wherein displaying said additional messaging communication in said second pane comprises providing a third user-selectable control associated with said additional messaging communication in said second pane, wherein said third user-selectable control is configured to:
27[a]	in response to user selection of said third user-selectable control, cause at least a portion of said first subsidiary communication thread containing said additional messaging communication to be displayed in a third pane.
28[pre]	The one or more non-transitory computer-readable media of claim 25, further comprising instructions for displaying a fifth user-selectable control, said control being operable to:
28[a]	in response to user selection of said fifth user-selectable control, selectively display messaging communications having a specific type associated with said selected fifth user-selectable controls, said messaging communications being from at least two separate group-

	based communication channels.
29	The one or more non-transitory computer-readable media of claim 28, wherein said specific type is a class of messaging communications in which the messaging communications are all parts of subsidiary communication threads that incorporate messaging communications generated by a specific user of said system.
30[pre]	An apparatus comprising at least a processor, and a memory associated with the processor having computer coded instructions therein, wherein the computer coded instructions are configured to, when executed by the processor, cause the apparatus to perform acts comprising:
30[a]	receiving a first messaging communication associated with a communication platform;
30[b]	causing the first messaging communication to be rendered within a messaging pane in a communication interface of the communication platform;
30[c]	receiving a thread request to create a subsidiary thread communication;
30[d]	in response to receiving the thread request, generating and transmitting for display a thread summary indicator renderable within the messaging pane proximate [to] [sic] the first messaging communication, wherein the thread summary indicator is configured to be selectable by a user with access to the first messaging communication;
30[e]	receiving an indication of an input indicating a selection of the thread summary indicator; and
30[f]	causing, based at least in part on receiving the indication of the input, rendering of the subsidiary thread communication to a thread communication pane within the communication interface, wherein a list pane, the messaging pane, and the thread communication pane are configured to be rendered within a defined display window as viewable simultaneously.