

Exhibit G

67274 U.S. PTO

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Reexamination Control No:

90/007,858

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Patent No: 5,838,906

Examiner: POKRZYWA, JOSEPH R.

Art Unit: 3992

AMENDMENT AFTER FINAL

Commissioner for Patents
Alexandria, VA 22313-1450

5 Sir:

In response to the Office Action mailed 04/18/2008, please amend the application as follows:

Amendments to the Claims begin on page 2 of this paper.

10

Remarks/Conclusion begins on page 10 of this paper.

AMENDMENT TO THE CLAIMS:

Please amend the following claims.

1 **1. (Amended)** A method for running an application program in a computer
2 network environment, comprising:
3 providing at least one client workstation and one network server coupled to
4 said network environment, wherein said network environment is a distributed hypermedia
5 environment;
6 executing, at said client workstation, a browser application, that parses a first
7 distributed hypermedia document to identify text formats included in said distributed
8 hypermedia document and for responding to predetermined text formats to initiate processing
9 specified by said text formats; utilizing said browser to display, on said client workstation, at
10 least a portion of a first hypermedia document received over said network from said server,
11 wherein the portion of said first hypermedia document is displayed within a first browser-
12 controlled window on said client workstation, wherein said first distributed hypermedia
13 document includes an embed text format, located at a first location in said first distributed
14 hypermedia document, that specifies the location of at least a portion of an object external to
15 the first distributed hypermedia document, wherein said object has type information
16 associated with it utilized by said browser to identify and locate an executable application
17 external to the first distributed hypermedia document, and wherein said embed text format is
18 parsed by said browser to automatically invoke said executable application to execute on said
19 client workstation in order to display said object and enable **an end-user to directly interact**
20 **with [interactive processing of]** said object within a display area created at said first location
21 within the portion of said first distributed hypermedia document being displayed in said first
22 browser-controlled window.

1 4. (Amended) [The method of claim 3,] A method for running an
2 application program in a computer network environment, comprising:
3 providing at least one client workstation and one network server coupled to
4 said network environment, wherein said network environment is a distributed hypermedia
5 environment;
6 executing, at said client workstation, a browser application, that parses a first
7 distributed hypermedia document to identify text formats included in said distributed
8 hypermedia document and for responding to predetermined text formats to initiate processing

9 specified by said text formats; utilizing said browser to display, on said client workstation, at
10 least a portion of a first hypermedia document received over said network from said server,
11 wherein the portion of said first hypermedia document is displayed within a first browser-
12 controlled window on said client workstation, wherein said first distributed hypermedia
13 document includes an embed text format, located at a first location in said first distributed
14 hypermedia document, that specifies the location of at least a portion of an object external to
15 the first distributed hypermedia document, wherein said object has type information
16 associated with it utilized by said browser to identify and locate an executable application
17 external to the first distributed hypermedia document, and wherein said embed text format is
18 parsed by said browser to automatically invoke said executable application to execute on said
19 client workstation in order to display said object and enable interactive processing of said
20 object within a display area created at said first location within the portion of said first
21 distributed hypermedia document being displayed in said first browser-controlled window;
22 wherein said executable application is a controllable application and further
23 comprising the step of:
24 interactively controlling said controllable application on said client
25 workstation via inter-process communications between said browser and said controllable
26 application;
27 wherein the communications to interactively control said controllable
28 application continue to be exchanged between the controllable application and the browser
29 even after the controllable application program has been launched; and
30 wherein additional instructions for controlling said controllable application
31 reside on said network server, wherein said step of interactively controlling said controllable
32 application includes the following substeps:
33 issuing, from the client workstation, one or more commands to the network
34 server;
35 executing, on the network server, one or more instructions in response to said
36 commands;
37 sending information from said network server to said client workstation in
38 response to said executed instructions; and processing said information at the client
39 workstation to interactively control said controllable application.
40

1 5. (Amended) [The method of claim 4,] A method for running an application
2 program in a computer network environment, comprising:
3 providing at least one client workstation and one network server coupled to
4 said network environment, wherein said network environment is a distributed hypermedia
5 environment;
6 executing, at said client workstation, a browser application, that parses a first
7 distributed hypermedia document to identify text formats included in said distributed
8 hypermedia document and for responding to predetermined text formats to initiate processing
9 specified by said text formats; utilizing said browser to display, on said client workstation, at
10 least a portion of a first hypermedia document received over said network from said server,
11 wherein the portion of said first hypermedia document is displayed within a first browser-
12 controlled window on said client workstation, wherein said first distributed hypermedia
13 document includes an embed text format, located at a first location in said first distributed
14 hypermedia document, that specifies the location of at least a portion of an object external to
15 the first distributed hypermedia document, wherein said object has type information
16 associated with it utilized by said browser to identify and locate an executable application
17 external to the first distributed hypermedia document, and wherein said embed text format is
18 parsed by said browser to automatically invoke said executable application to execute on said
19 client workstation in order to display said object and enable interactive processing of said
20 object within a display area created at said first location within the portion of said first
21 distributed hypermedia document being displayed in said first browser-controlled window;
22 wherein said executable application is a controllable application and further
23 comprising the step of:
24 interactively controlling said controllable application on said client
25 workstation via inter-process communications between said browser and said controllable
26 application;
27 wherein the communications to interactively control said controllable
28 application continue to be exchanged between the controllable application and the browser
29 even after the controllable application program has been launched;
30 wherein additional instructions for controlling said controllable application
31 reside on said network server, wherein said step of interactively controlling said controllable
32 application includes the following substeps:

33 issuing, from the client workstation, one or more commands to the network
34 server;
35 executing, on the network server, one or more instructions in response to said
36 commands;
37 sending information from said network server to said client workstation in
38 response to said executed instructions; and processing said information at the client
39 workstation to interactively control said controllable application; and
40 wherein said additional instructions for controlling said controllable
41 application reside on said client workstation.

1 **6. (Amended)** A computer program product for use in a system having at
2 least one client workstation and one network server coupled to said network environment,
3 wherein said network environment is a distributed hypermedia environment, the computer
4 program product comprising:
5 a computer usable medium having computer readable program code
6 physically embodied therein, said computer program product further comprising:
7 computer readable program code for causing said client workstation to execute
8 a browser application to parse a first distributed hypermedia document to identify text
9 formats included in said distributed hypermedia document and to respond to predetermined
10 text formats to initiate processes specified by said text formats;
11 computer readable program code for causing said client workstation to
12 utilize said browser to display, on said client workstation, at least a portion of a first
13 hypermedia document received over said network from said server, wherein the portion of
14 said first hypermedia document is displayed within a first browser-controlled window on said
15 client workstation, wherein said first distributed hypermedia document includes an embed
16 text format, located at a first location in said first distributed hypermedia document, that
17 specifies the location of at least a portion of an object external to the first distributed
18 hypermedia document, wherein said object has type information associated with it utilized by
19 said browser to identify and locate an executable application external to the first distributed
20 hypermedia document, and wherein said embed text format is parsed by said browser to
21 automatically invoke said executable application to execute on said client workstation in
22 order to display said object and enable **an end-user to directly interact with [interactive**
23 **processing of]** said object within a display area created at said first location within the portion

24 of said first distributed hypermedia document being displayed in said first browser-controlled
25 window.

1 **9. (Amended)** [The computer program product of claim 8,] A computer
2 program product for use in a system having at least one client workstation and one network
3 server coupled to said network environment, wherein said network environment is a
4 distributed hypermedia environment, the computer program product comprising:
5 a computer usable medium having computer readable program code physically
6 embodied therein, said computer program product further comprising:
7 computer readable program code for causing said client workstation to execute
8 a browser application to parse a first distributed hypermedia document to identify text
9 formats included in said distributed hypermedia document and to respond to predetermined
10 text formats to initiate processes specified by said text formats;
11 computer readable program code for causing said client workstation to utilize
12 said browser to display, on said client workstation, at least a portion of a first hypermedia
13 document received over said network from said server, wherein the portion of said first
14 hypermedia document is displayed within a first browser-controlled window on said client
15 workstation, wherein said first distributed hypermedia document includes an embed text
16 format, located at a first location in said first distributed hypermedia document, that specifies
17 the location of at least a portion of an object external to the first distributed hypermedia
18 document, wherein said object has type information associated with it utilized by said
19 browser to identify and locate an executable application external to the first distributed
20 hypermedia document, and wherein said embed text format is parsed by said browser to
21 automatically invoke said executable application to execute on said client workstation in
22 order to display said object and enable interactive processing of said object within a display
23 area created at said first location within the portion of said first distributed hypermedia
24 document being displayed in said first browser-controlled window;
25 wherein said executable application is a controllable application and further
26 comprising:
27 computer readable program code for causing said client workstation to
28 interactively control said controllable application on said client workstation via inter-process
29 communications between said browser and said controllable application;

30 wherein the communications to interactively control said controllable
31 application continue to be exchanged between the controllable application and the browser
32 even after the controllable application program has been launched; and
33 wherein additional instructions for controlling said controllable application
34 reside on said network server, **wherein said computer readable program code for causing said**
35 **client workstation to interactively control said controllable application on said client**
36 **workstation [step of interactively controlling said controllable application] includes:**
37 computer readable program code for causing said client workstation to issue,
38 from the client workstation, one or more commands to the network server;
39 computer readable program code for causing said network server to execute
40 one or more instructions in response to said commands;
41 computer readable program code for causing said network server [sever] to
42 send information to said client workstation in response to said executed instructions; and
43 computer readable program code for causing said client workstation to process
44 said information at the client workstation to interactively control said controllable
45 application.

1 **10. (Amended)** [The computer program product of claim 9,] A computer
2 program product for use in a system having at least one client workstation and one network
3 server coupled to said network environment, wherein said network environment is a
4 distributed hypermedia environment, the computer program product comprising:
5 a computer usable medium having computer readable program code physically
6 embodied therein, said computer program product further comprising:
7 computer readable program code for causing said client workstation to execute
8 a browser application to parse a first distributed hypermedia document to identify text
9 formats included in said distributed hypermedia document and to respond to predetermined
10 text formats to initiate processes specified by said text formats;
11 computer readable program code for causing said client workstation to utilize
12 said browser to display, on said client workstation, at least a portion of a first hypermedia
13 document received over said network from said server, wherein the portion of said first
14 hypermedia document is displayed within a first browser-controlled window on said client
15 workstation, wherein said first distributed hypermedia document includes an embed text
16 format, located at a first location in said first distributed hypermedia document, that specifies

17 the location of at least a portion of an object external to the first distributed hypermedia
18 document, wherein said object has type information associated with it utilized by said
19 browser to identify and locate an executable application external to the first distributed
20 hypermedia document, and wherein said embed text format is parsed by said browser to
21 automatically invoke said executable application to execute on said client workstation in
22 order to display said object and enable interactive processing of said object within a display
23 area created at said first location within the portion of said first distributed hypermedia
24 document being displayed in said first browser-controlled window;

25 wherein said executable application is a controllable application and further
26 comprising:

27 computer readable program code for causing said client workstation to
28 interactively control said controllable application on said client workstation via inter-process
29 communications between said browser and said controllable application;

30 wherein the communications to interactively control said controllable
31 application continue to be exchanged between the controllable application and the browser
32 even after the controllable application program has been launched;

33 wherein additional instructions for controlling said controllable application
34 reside on said network server, wherein said computer readable program code for causing said
35 client workstation to interactively control said controllable application on said client
36 workstation includes:

37 computer readable program code for causing said client workstation to issue,
38 from the client workstation, one or more commands to the network server;

39 computer readable program code for causing said network server to execute
40 one or more instructions in response to said commands;

41 computer readable program code for causing said network server to send
42 information to said client workstation in response to said executed instructions; and

43 computer readable program code for causing said client workstation to process
44 said information at the client workstation to interactively control said controllable
45 application; and

46 wherein said additional instructions for controlling said controllable
47 application reside on said client workstation.

1 11. (New) The method of claim 3, wherein additional instructions for
2 controlling said controllable application reside on said network server, wherein said step of
3 interactively controlling said controllable application includes the following substeps:
4 issuing, from the client workstation, one or more commands to the network
5 server;
6 executing, on the network server, one or more instructions in response to said
7 commands;
8 sending information from said network server to said client workstation in
9 response to said executed instructions; and processing said information at the client
10 workstation to interactively control said controllable application.

1 12. (New) The method of claim 11, wherein said additional instructions for
2 controlling said controllable application reside on said client workstation.

1 13. (New) The computer program product of claim 8, wherein additional
2 instructions for controlling said controllable application reside on said network server,
3 wherein said computer readable program code for causing said client workstation to
4 interactively control said controllable application on said client workstation includes:
5 computer readable program code for causing said client workstation to issue,
6 from the client workstation, one or more commands to the network server;
7 computer readable program code for causing said network server to execute
8 one or more instructions in response to said commands;
9 computer readable program code for causing said network server to send
10 information to said client workstation in response to said executed instructions; and
11 computer readable program code for causing said client workstation to process
12 said information at the client workstation to interactively control said controllable
13 application.

1 14. (New) The computer program product of claim 13, wherein said
2 additional instructions for controlling said controllable application reside on said client
3 workstation.

REMARKS

Claims 1-10 have been reexamined, claims 1, 4, 5, 6, 9 and 10 are amended and claims 11-14 are added herewith. Accordingly, claims 1-14 are now pending in this reexamination. Patent Owner hereby requests reconsideration of all outstanding rejections and objections and notes with appreciation that claims 4, 5, 9 and 10 were confirmed as patentable.

Confirmed claims 4, 5, 9, and 10 have been rewritten in independent form including all the limitations of the base and intervening claims.

Further, claim 9 has been amended to replace "said step of interactively controlling said controllable application" with -- computer readable program code for causing said client workstation to interactively control said controllable application on said client workstation-- to correct a typographical error that occurred when the method claim 4 was being converted to the computer program product claim 9. Also, "sever" has been changed to --server- to correct a typographical error.

Claims 11 and 12 are the original claims 4 and 5 which depend on amended claim 1, and are thus allowable for the same reasons as claim 1. Claims 13 and 14 are the original claims 9 and 10 which depend on amended claim 6 and are thus allowable for the same reasons as claim 6. Claim 13 has been changed to correct the typographical errors noted above regarding claim 9.

Claims 1-3 and 6-8 stand finally rejected under 35 U.S.C. §102(e) as being anticipated by Cohen *et al.* (U.S. Patent Number 5,367,621, hereafter "Cohen"), when viewed with "Introducing NCSA Mosaic", written by the Software Development Group, National Center for Supercomputing Applications, University of Illinois at Urbana-Champaign, December 1993. This rejection is traversed.

The same rejection under 35 U.S.C. §102(e) was set forth in the non-final office action mailed 7/30/2007 and a response to the non-final rejection was filed by Patent Owner that presented a detailed traverse to all the grounds of rejection set forth in the non-final office action. In particular, the response set forth a detailed analysis respectfully traversing the examiner's assertions that the Cohen reference fairly teaches or suggests the interactive processing, embed text format, the display area, and the type information recited in claims 1 and 6.

In the final office action, in particular with regard to interactive processing, the examiner did not assert that Cohen teaches interactive processing as argued in the traverse. Instead, the examiner asserted that the language of claims 1 and 6 can be read more broadly than

argued in the traverse by applying the examiner's view of the broadest reasonable interpretation of the claims.

In paragraph 7 of the office action, the examiner notes that the Patent Owner's argument "states that the claim construction set forth in the Markman ruling in the related litigation, which was affirmed by the U.S. Court of Appeals for the Federal Circuit, is utilized in the [Patent Owner's] subsequent remarks." The examiner further notes "that this is not the proper standard for claim construction during examination before the Office... ." In paragraph 8 of the office action, this standard is stated to be "claims must be given their broadest reasonable interpretation consistent with the specification."

The Patent Owner continues to respectfully assert the position argued in its response to the non-final office action that Cohen does not fairly teach or suggest many of the features of the claims, including at least interactive processing, an embed text format, a display area and type information as those features are defined by the unamended language of claims 1 and 6, and that this position is correct in view of the cases cited by the examiner. **Claims 1 and 6 have now been amended to include the language that said executable application enables "an end-user to directly interact with said object" in order to obviate the grounds of rebuttal relating to interactive processing asserted by the examiner under his view of the broadest reasonable interpretation of claims 1 and 6.** This language is consistent with the claim construction set forth in the Markman ruling as affirmed by the Court of Appeals for the Federal Circuit and therefore this language does not change the scope of claims 1 and 6.

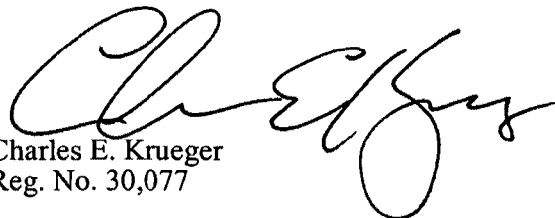
CONCLUSION

In view of the foregoing, all claims now pending in this Reexamination are in condition for confirmation. The mailing of a formal Notice of Intent to Issue Reexamination Certificate (NIRC) at an early date is respectfully requested.

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If the Examiner believes a telephone conference would expedite prosecution,
please telephone the undersigned at 925-944-3320.

Respectfully submitted,



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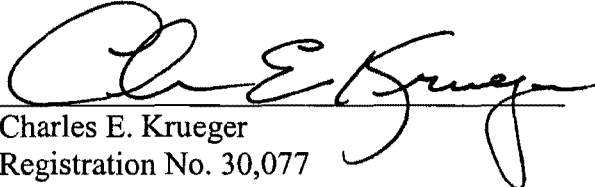
REX Control No. 90/007,858
Attorney Docket No. 006-1-5

CERTIFICATE OF SERVICE

I hereby certify that on this date I caused a true and correct copy of the attached Amendment After Final to be served via first class mail on the following:

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6/17/2008
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