Exhibit A

Current claim language of U.S. Patent Nos. 5,838,906 and 7,599,985

Element	Claim 1
'906-1.a	1. A method for running an application program in a computer network
700 1.0	environment, comprising:
'906-1.b	providing at least one client workstation and one network server coupled to
	said network environment, wherein said network environment is a
	distributed hypermedia environment;
'906-1.c	executing, at said client workstation, a browser application, that parses a first
	distributed hypermedia document to identify text formats included in said
	distributed hypermedia document and for responding to predetermined text
	formats to initiate processing specified by said text formats;
'906-1.d	utilizing said browser to display, on said client workstation, at least a portion
	of a first hypermedia document received over said network from said server,
'906-1.e	wherein the portion of said first hypermedia document is displayed within a
	first browser-controlled window on said client workstation,
'906-1.f	wherein said first distributed hypermedia document includes an embed text
	format, located at a first location in said first distributed hypermedia
	document, that specifies the location of at least a portion of an object
	external to the first distributed hypermedia document,
'906-1.g	wherein said object has type information associated with it utilized by said
	browser to identify and locate an executable application external to the
	first distributed hypermedia document, and
'906-1.h	wherein said embed text format is parsed by said browser to automatically
	invoke said executable application to execute on said client workstation in
	order to display said object and enable an end-user to directly interact
	with said object within a display area created at said first location within
	the portion of said first distributed hypermedia document being displayed
	in said first browser-controlled window.
'906-2.a	2. The method of claim 1, wherein said executable application is a
	controllable application and further comprising the step of:
	interactively controlling said controllable application on said client
	workstation via inter-process communications between said browser and
	said controllable application.
'906-3.a	3. The method of claim 2, wherein the communications to interactively
	control said controllable application continue to be exchanged between the
	controllable application and the browser even after the controllable application
	program has been launched.
'906-11.a	11. The method of claim 3, wherein additional instructions for controlling
	said controllable application reside on said network server, wherein said step of
	interactively controlling said controllable application includes the following
100 5 11 5	substeps:
'906-11.b	issuing, from the client workstation, one or more commands to the network
1005.15	server;
'906-11.c	executing, on the network server, one or more instructions in response to said
	commands;

'906-11.d	sending information from said network server to said client workstation in
100611	response to said executed instructions; and
'906-11.e	processing said information at the client workstation to interactively control said controllable application.
'906-12.a	12. The method of claim 11, wherein said additional instructions for
	controlling said controllable application reside on said client workstation.
Element	Claim 4
'906-4.a	4. A method for running an application program in a computer network
	environment, comprising:
'906-4.b	providing at least one client workstation and one network server coupled to
	said network environment, wherein said network environment is a
	distributed hypermedia environment;
'906-4.c	executing, at said client workstation, a browser application, that parses a first
	distributed hypermedia document to identify text formats included in said
	distributed hypermedia document and for responding to predetermined text
	formats to initiate processing specified by said text formats;
'906-4.d	utilizing said browser to display, on said client workstation, at least a portion
	of a first hypermedia document received over said network from said server,
'906-4.e	wherein the portion of said first hypermedia document is displayed within a
	first browser-controlled window on said client workstation,
'906-4.f	wherein said first distributed hypermedia document includes an embed text
	format, located at a first location in said first distributed hypermedia
	document, that specifies the location of at least a portion of an object
	external to the first distributed hypermedia document,
'906-4.g	wherein said object has type information associated with it utilized by said
	browser to identify and locate an executable application external to the
	first distributed hypermedia document, and
'906-4.h	wherein said embed text format is parsed by said browser to automatically
	invoke said executable application to execute on said client workstation in
	order to display said object and enable interactive processing of said
	object within a display area created at said first location within the portion
	of said first distributed hypermedia document being displayed in said first
	browser-controlled window;
'906-4.i	wherein said executable application is a controllable application and further
	comprising the step of:
	interactively controlling said controllable application on said client
	workstation via inter-process communications between said browser and
	said controllable application;
'906-4.j	wherein the communications to interactively control said controllable
	application continue to be exchanged between the controllable application
	and the browser even after the controllable application program has been
	launched; and
'906-4.k	wherein additional instructions for controlling said controllable application
	reside on said network server, wherein said step of interactively controlling
	said controllable application includes the following substeps:
_	

'906-4.1	issuing, from the client workstation, one or more commands to the network server;
'906-4.m	executing, on the network server, one or more instructions in response to said commands;
'906-4.n	sending information from said network server to said client workstation in response to said executed instructions; and
'906-4.0	processing said information at the client workstation to interactively control said controllable application.
Element	Claim 5
'906-5.a	5. A method for running an application program in a computer network environment, comprising:
'906-5.b	providing at least one client workstation and one network server coupled to said network environment, wherein said network environment is a distributed hypermedia environment;
'906-5.c	executing, at said client workstation, a browser application, that parses a first distributed hypermedia document to identify text formats included in said distributed hypermedia document and for responding to predetermined text formats to initiate processing specified by said text formats;
'906-5.d	utilizing said browser to display, on said client workstation, at least a portion of a first hypermedia document received over said network from said server,
'906-5.e	wherein the portion of said first hypermedia document is displayed within a first browser-controlled window on said client workstation,
'906-5.f	wherein said first distributed hypermedia document includes an embed text format, located at a first location in said first distributed hypermedia document, that specifies the location of at least a portion of an object external to the first distributed hypermedia document,
'906-5.g	wherein said object has type information associated with it utilized by said browser to identify and locate an executable application external to the first distributed hypermedia document, and
'906-5.h	wherein said embed text format is parsed by said browser to automatically invoke said executable application to execute on said client workstation in order to display said object and enable interactive processing of said object within a display area created at said first location within the portion of said first distributed hypermedia document being displayed in said first browser-controlled window;
'906-5.i	wherein said executable application is a controllable application and further comprising the step of: interactively controlling said controllable application on said client workstation via inter-process communications between said browser and said controllable application;
'906-5.j	wherein the communications to interactively control said controllable application continue to be exchanged between the controllable application and the browser even after the controllable application program has been launched;

'906-5.k	wherein additional instructions for controlling said controllable application
	reside on said network server, wherein said step of interactively controlling
	said controllable application includes the following substeps:
'906-5.1	issuing, from the client workstation, one or more commands to the network
	server;
'906-5.m	executing, on the network server, one or more instructions in response to
	said commands;
'906-5.n	sending information from said network server to said client workstation in
	response to said executed instructions; and
'906-5.o	processing said information at the client workstation to interactively control
	said controllable application; and
'906-5.p	wherein said additional instructions for controlling said controllable
	application reside on said client workstation.
<u>Element</u>	Claim 6
'906-6.a	6. A computer program product for use in a system having at least one client
	workstation and one network server coupled to said network environment,
	wherein said network environment is a distributed hypermedia environment, the
	computer program product comprising:
'906-6.b	a computer usable medium having computer readable program code physically
	embodied therein, said computer program product further comprising:
'906-6.c	computer readable program code for causing said client workstation to
	execute a browser application to parse a first distributed hypermedia
	document to identify text formats included in said distributed hypermedia
	document and to respond to predetermined text formats to initiate
	processes specified by said text formats;
'906-6.d	computer readable program code for causing said client workstation to
	utilize said browser to display, on said client workstation, at least a
	portion of a first hypermedia document received over said network from
1005.5	said server,
'906-6.e	wherein the portion of said first hypermedia document is displayed within
10055	a first browser-controlled window on said client workstation,
'906-6.f	wherein said first distributed hypermedia document includes an embed
	text format, located at a first location in said first distributed
	hypermedia document, that specifies the location of at least a portion of
10055	an object external to the first distributed hypermedia document,
'906-6.g	wherein said object has type information associated with it utilized by
	said browser to identify and locate an executable application external to
1006.61	the first distributed hypermedia document, and
'906-6.h	wherein said embed text format is parsed by said browser to automatically
	invoke said executable application to execute on said client workstation
	in order to display said object and enable an end-user to directly interact
	with said object within a display area created at said first location
	within the portion of said first distributed hypermedia document being
	displayed in said first browser-controlled window.

'906-7.a	7. The computer program product of claim 6, wherein said executable application is a controllable application and further comprising: computer readable program code for causing said client workstation to interactively control said controllable application on said client workstation via inter-process communications between said browser and said controllable application.
'906-8.a	8. The computer program product of claim 7, wherein the communications to interactively control said controllable application continue to be exchanged between the controllable application and the browser even after the controllable application program has been launched.
'906-13.a	13. The computer program product of claim 8, wherein additional instructions for controlling said controllable application reside on said network server, wherein said computer readable program code for causing said client workstation to interactively control said controllable application on said client workstation includes:
'906-13.b	computer readable program code for causing said client workstation to issue from the client workstation, one or more commands to the network server;
'906-13.c	computer readable program code for causing said network server to execute one or more instructions in response to said commands;
'906-13.d	computer readable program code for causing said network server to send information to said client workstation in response to said executed instructions; and
'906-13.e	computer readable program code for causing said client workstation to process said information at the client workstation to interactively control said controllable application.
'906-14.a	14. The computer program product of claim 13, wherein said additional instructions for controlling said controllable application reside on said client workstation.
Element	Claim 9
'906-9.a	9. A computer program product for use in a system having at least one client workstation and one network server coupled to said network environment, wherein said network environment is a distributed hypermedia environment, the computer program product comprising:
'906-9.b	a computer usable medium having computer readable program code physically embodied therein, said computer program product further comprising:
'906-9.c	computer readable program code for causing said client workstation to execute a browser application to parse a first distributed hypermedia document to identify text formats included in said distributed hypermedia document and to respond to predetermined text formats to initiate processes specified by said text formats;
'906-9.d	computer readable program code for causing said client workstation to utilize said browser to display, on said client workstation, at least a portion of a first hypermedia document received over said network from said server,
'906-9.e	wherein the portion of said first hypermedia document is displayed within a first browser-controlled window on said client workstation,

'906-9.f	wherein said first distributed hypermedia document includes an embed text format, located at a first location in said first distributed
	hypermedia document, that specifies the location of at least a portion of an object external to the first distributed hypermedia document,
'906-9.g	wherein said object has type information associated with it utilized by said browser to identify and locate an executable application external to
	the first distributed hypermedia document, and
'906-9.h	wherein said embed text format is parsed by said browser to automatically
	invoke said executable application to execute on said client workstation
	in order to display said object and enable interactive processing of said
	object within a display area created at said first location within the
	portion of said first distributed hypermedia document being displayed
	in said first browser-controlled window;
'906-9.i	wherein said executable application is a controllable application and further
	comprising:
	computer readable program code for causing said client workstation to
	interactively control said controllable application of said client
	workstation via inter-process communications between said browser and
	said controllable application;
'906-9.j	wherein the communications to interactively control said controllable
	application continue to be exchanged between the controllable application
	and the browser even after the controllable application program has been
100101	launched; and
'906-9.k	wherein additional instructions for controlling said controllable application
	reside on said network server, wherein said computer readable program code
	for causing said client workstation to interactively control said controllable
2006.01	application on said client workstation includes:
'906-9.1	computer readable program code for causing said client workstation to issue,
2006.0	from the client workstation, one or more commands to the network server;
'906-9.m	computer readable program code for causing said network server to execute
'006 0 m	one or more instructions in response to said commands; computer readable program code for causing said network server to send
'906-9.n	
	information to said client workstation in response to said executed instructions; and
'906-9.o	computer readable program code for causing said client workstation to
900-9.0	process said information at the client workstation to interactively control
	said controllable application.
Element	Claim 10
'906-10.a	10. A computer program product for use in a system having at least one client
700 To.a	workstation and one network server coupled to said network environment,
	wherein said network environment is a distributed hypermedia environment, the
	computer program product comprising:
'906-10.b	a computer usable medium having computer readable program code physically
700 10.0	embodied therein, said computer program product further comprising:
	Land Land Land Land Land Land Land Land

'906-10.c	computer readable program code for causing said client workstation to
	execute a browser application to parse a first distributed hypermedia
	document to identify text formats included in said distributed hypermedia
	document and to respond to predetermined text formats to initiate
	processes specified by said text formats;
'906-10.d	computer readable program code for causing said client workstation to
	utilize said browser to display, on said client workstation, at least a
	portion of a first hypermedia document received over said network from
	said server,
'906-10.e	wherein the portion of said first hypermedia document is displayed within
	a first browser-controlled window on said client workstation,
'906-10.f	wherein said first distributed hypermedia document includes an embed
	text format, located at a first location in said first distributed
	hypermedia document, that specifies the location of at least a portion of
	an object external to the first distributed hypermedia document,
'906-10.g	wherein said object has type information associated with it utilized by
	said browser to identify and locate an executable application external to
	the first distributed hypermedia document, and
'906-10.h	wherein said embed text format is parsed by said browser to automatically
	invoke said executable application to execute on said client workstation
	in order to display said object and enable interactive processing of said
	object within a display area created at said first location within the
	portion of said first distributed hypermedia document being displayed
	in said first browser-controlled window;
'906-10.i	wherein said executable application is a controllable application and further
	comprising:
	computer readable program code for causing said client workstation to
	interactively control said controllable application on said client
	workstation via inter-process communications between said browser and
	said controllable application;
'906-10.j	wherein the communications to interactively control said controllable
	application continue to be exchanged between the controllable application
	and the browser even after the controllable application program has been
	launched;
'906-10.k	wherein additional instructions for controlling said controllable application
	reside on said network server, wherein said computer readable program code
	for causing said client workstation to interactively control said controllable
	application on said client workstation includes:
'906-10.1	computer readable program code for causing said client workstation to issue,
	from the client workstation, one or more commands to the network server;
'906-10.m	computer readable program code for causing said network server to execute
	one or more instructions in response to said commands;
'906-10.n	computer readable program code for causing said network server to send
	information to said client workstation in response to said executed
	instructions; and

computer readable program code for causing said client workstation to process said information at the client workstation to interactively control said controllable application; and '906-10.p wherein said additional instructions for controlling said controllable application reside on said client workstation. Element '985-1.a 1. A method for running an application program in a distributed hypermedia network environment, wherein the network environment comprises at least one client workstation and one network server coupled to the network environment, the method comprising: '985-1.b receiving, at the client workstation from the network server over the network environment, at least one file containing information to enable a browser application to display at least a portion of a distributed hypermedia document within a browser-controlled window; '985-1.c executing the browser application on the client workstation, with the browser application: '985-1.d responding to text formats to initiate processing specified by the text formats; '985-1.e displaying at least a portion of the document within the browser-controlled window; '985-1.f identifying an embed text format which corresponds to a first location in the document, where the embed text format specifies the location of at least a portion of an object external to the file, where the object has type information associated with it; '985-1.g utilizing the type information to identify and locate an executable application external to the file; and automatically invoking the executable application, in response to the identifying of the embed text format, to execute on the client workstation in order to display the object and enable an end-user to directly interact with the object while the object is being displayed within a display area created at the first location within the portion of the hypermedia document being displayed in the browser-controlled window. 2. The method of claim 1 where: the information to enable comprises text formats. 3. The me		
said controllable application; and wherein said additional instructions for controlling said controllable application reside on said client workstation. Element Claim 1 1. A method for running an application program in a distributed hypermedia network environment, wherein the network environment comprises at least one client workstation and one network server coupled to the network environment, the method comprising: receiving, at the client workstation from the network server over the network environment, at least one file containing information to enable a browser application to display at least a portion of a distributed hypermedia document within a browser-controlled window; executing the browser application on the client workstation, with the browser application: responding to text formats to initiate processing specified by the text formats: displaying at least a portion of the document within the browser-controlled window; identifying an embed text format which corresponds to a first location in the document, where the embed text format specifies the location of at least a portion of an object external to the file, where the object has type information associated with it; 1985-1.g 1985-1.g 1985-1.h 2985-1.h 2985-1.h 2985-1.h 2985-1.h 2985-1.h 2985-2.a 2. The method of claim 1 where: the information to enable comprises text formats. 1985-2.a 3. The method of claim 2 where the text formats are HTML tags. 1985-3.a 4. The method of claim 1 where the information contained in the file received	'906-10.o	
wherein said additional instructions for controlling said controllable application reside on said client workstation. Element		
application reside on said client workstation. Claim 1 '985-1.a 1. A method for running an application program in a distributed hypermedia network environment, wherein the network environment comprises at least one client workstation and one network server coupled to the network environment, the method comprising: '985-1.b receiving, at the client workstation from the network server over the network environment, at least one file containing information to enable a browser application to display at least a portion of a distributed hypermedia document within a browser-controlled window; '985-1.c executing the browser application on the client workstation, with the browser application: '985-1.d responding to text formats to initiate processing specified by the text formats; '985-1.e displaying at least a portion of the document within the browser-controlled window; '985-1.f identifying an embed text format which corresponds to a first location in the document, where the embed text format specifies the location of at least a portion of an object external to the file, where the object has type information associated with it; '985-1.g utilizing the type information to identify and locate an executable application external to the file; and '985-1.h automatically invoking the executable application, in response to the identifying of the embed text format, to execute on the client workstation in order to display the object and enable an end-user to directly interact with the object while the object is being displayed within a display area created at the first location within the portion of the hypermedia document being displayed in the browser-controlled window. '985-2.a 2. The method of claim 1 where: the information to enable comprises text formats. 3. The method of claim 1 where the information contained in the file received 4. The method of claim 1 where the information contained in the file received 4. The method of claim 1 where the information contained in the fi		
Sebenet Claim 1	'906-10.p	
1. A method for running an application program in a distributed hypermedia network environment, wherein the network environment comprises at least one client workstation and one network server coupled to the network environment, the method comprising: 1. Yess-1.b receiving, at the client workstation from the network server over the network environment, at least one file containing information to enable a browser application to display at least a portion of a distributed hypermedia document within a browser-controlled window; 1. Yess-1.c executing the browser application on the client workstation, with the browser application: 1. The responding to text formats to initiate processing specified by the text formats; 2. How the document within the browser-controlled window; 2. How the document within the browser-controlled window; 3. The method of claim 1 where the information to identify and locate and enable comprises text formats. 3. The method of claim 1 where the text formats are HTML tags. 4. The method of claim 1 where the information contained in the file received.		
network environment, wherein the network environment comprises at least one client workstation and one network server coupled to the network environment, the method comprising: '985-1.b receiving, at the client workstation from the network server over the network environment, at least one file containing information to enable a browser application to display at least a portion of a distributed hypermedia document within a browser-controlled window; executing the browser application on the client workstation, with the browser application: responding to text formats to initiate processing specified by the text formats; displaying at least a portion of the document within the browser-controlled window; identifying an embed text format which corresponds to a first location in the document, where the embed text format specifies the location of at least a portion of an object external to the file, where the object has type information associated with it; yes-1.g utilizing the type information to identify and locate an executable application external to the file; and automatically invoking the executable application, in response to the identifying of the embed text format, to execute on the client workstation in order to display the object and enable an end-user to directly interact with the object while the object is being displayed within a display area created at the first location within the portion of the hypermedia document being displayed in the browser-controlled window. The method of claim 1 where: the information to enable comprises text formats. The method of claim 2 where the text formats are HTML tags. The method of claim 1 where the information contained in the file received.		
client workstation and one network server coupled to the network environment, the method comprising: receiving, at the client workstation from the network server over the network environment, at least one file containing information to enable a browser application to display at least a portion of a distributed hypermedia document within a browser-controlled window; responding to text formats to initiate processing specified by the text formats; displaying at least a portion of the document within the browser-controlled window; displaying an embed text format which corresponds to a first location in the document, where the embed text format specifies the location of at least a portion of an object external to the file, where the object has type information associated with it; match the didentifying of the executable application, in response to the identifying of the embed text format, to execute on the client workstation in order to display the object and enable an end-user to directly interact with the object while the object is being displayed within a display area created at the first location within the portion of the hypermedia document being displayed in the browser-controlled window. The method of claim 1 where: the information to enable comprises text formats. The method of claim 2 where the text formats are HTML tags. The method of claim 1 where the information contained in the file received.	'985-1.a	
the method comprising: receiving, at the client workstation from the network server over the network environment, at least one file containing information to enable a browser application to display at least a portion of a distributed hypermedia document within a browser-controlled window; responding to text formats to initiate processing specified by the text formats; displaying at least a portion of the document within the browser-controlled window; displaying at least a portion of the document within the browser-controlled window; dentifying an embed text format which corresponds to a first location in the document, where the embed text format specifies the location of at least a portion of an object external to the file, where the object has type information associated with it; dutilizing the type information to identify and locate an executable application external to the file; and automatically invoking the executable application, in response to the identifying of the embed text format, to execute on the client workstation in order to display the object and enable an end-user to directly interact with the object while the object is being displayed within a display area created at the first location within the portion of the hypermedia document being displayed in the browser-controlled window. 2. The method of claim 1 where: the information to enable comprises text formats. 3. The method of claim 2 where the text formats are HTML tags.		=
receiving, at the client workstation from the network server over the network environment, at least one file containing information to enable a browser application to display at least a portion of a distributed hypermedia document within a browser-controlled window; '985-1.c executing the browser application on the client workstation, with the browser application: '985-1.d responding to text formats to initiate processing specified by the text formats; '985-1.e displaying at least a portion of the document within the browser-controlled window; '985-1.f identifying an embed text format which corresponds to a first location in the document, where the embed text format specifies the location of at least a portion of an object external to the file, where the object has type information associated with it; '985-1.g utilizing the type information to identify and locate an executable application external to the file; and '985-1.h automatically invoking the executable application, in response to the identifying of the embed text format, to execute on the client workstation in order to display the object and enable an end-user to directly interact with the object while the object is being displayed within a display area created at the first location within the portion of the hypermedia document being displayed in the browser-controlled window. '985-2.a 2. The method of claim 1 where: the information to enable comprises text formats. '985-3.a 3. The method of claim 2 where the text formats are HTML tags. '985-4.a 4. The method of claim 1 where the information contained in the file received		<u> </u>
environment, at least one file containing information to enable a browser application to display at least a portion of a distributed hypermedia document within a browser-controlled window; '985-1.c executing the browser application on the client workstation, with the browser application: '985-1.d responding to text formats to initiate processing specified by the text formats; displaying at least a portion of the document within the browser-controlled window; '985-1.e displaying an embed text format which corresponds to a first location in the document, where the embed text format specifies the location of at least a portion of an object external to the file, where the object has type information associated with it; '985-1.g utilizing the type information to identify and locate an executable application external to the file; and '985-1.h automatically invoking the executable application, in response to the identifying of the embed text format, to execute on the client workstation in order to display the object and enable an end-user to directly interact with the object while the object is being displayed within a display area created at the first location within the portion of the hypermedia document being displayed in the browser-controlled window. '985-2.a 2. The method of claim 1 where: the information to enable comprises text formats. '985-3.a 3. The method of claim 2 where the text formats are HTML tags. '985-4.a 4. The method of claim 1 where the information contained in the file received	'985-1.b	1 0
application to display at least a portion of a distributed hypermedia document within a browser-controlled window; '985-1.c executing the browser application on the client workstation, with the browser application: '985-1.d responding to text formats to initiate processing specified by the text formats; '985-1.e displaying at least a portion of the document within the browser-controlled window; '985-1.f identifying an embed text format which corresponds to a first location in the document, where the embed text format specifies the location of at least a portion of an object external to the file, where the object has type information associated with it; '985-1.g utilizing the type information to identify and locate an executable application external to the file; and '985-1.h automatically invoking the executable application, in response to the identifying of the embed text format, to execute on the client workstation in order to display the object and enable an end-user to directly interact with the object while the object is being displayed within a display area created at the first location within the portion of the hypermedia document being displayed in the browser-controlled window. '985-2.a 2. The method of claim 1 where: the information to enable comprises text formats. '985-3.a 3. The method of claim 2 where the text formats are HTML tags. '985-4.a 4. The method of claim 1 where the information contained in the file received		
document within a browser-controlled window; '985-1.c executing the browser application on the client workstation, with the browser application: '985-1.d responding to text formats to initiate processing specified by the text formats; '985-1.e displaying at least a portion of the document within the browser-controlled window; '985-1.f identifying an embed text format which corresponds to a first location in the document, where the embed text format specifies the location of at least a portion of an object external to the file, where the object has type information associated with it; '985-1.g utilizing the type information to identify and locate an executable application external to the file; and '985-1.h automatically invoking the executable application, in response to the identifying of the embed text format, to execute on the client workstation in order to display the object and enable an end-user to directly interact with the object while the object is being displayed within a display area created at the first location within the portion of the hypermedia document being displayed in the browser-controlled window. '985-2.a 2. The method of claim 1 where: the information to enable comprises text formats. '985-3.a 3. The method of claim 2 where the text formats are HTML tags. '985-4.a 4. The method of claim 1 where the information contained in the file received		
'985-1.c executing the browser application on the client workstation, with the browser application: '985-1.d responding to text formats to initiate processing specified by the text formats; '985-1.e displaying at least a portion of the document within the browser-controlled window; '985-1.f identifying an embed text format which corresponds to a first location in the document, where the embed text format specifies the location of at least a portion of an object external to the file, where the object has type information associated with it; '985-1.g utilizing the type information to identify and locate an executable application external to the file; and '985-1.h automatically invoking the executable application, in response to the identifying of the embed text format, to execute on the client workstation in order to display the object and enable an end-user to directly interact with the object while the object is being displayed within a display area created at the first location within the portion of the hypermedia document being displayed in the browser-controlled window. '985-2.a 2. The method of claim 1 where: the information to enable comprises text formats. '985-3.a 3. The method of claim 2 where the text formats are HTML tags. '985-4.a 4. The method of claim 1 where the information contained in the file received		
application: '985-1.d responding to text formats to initiate processing specified by the text formats; '985-1.e displaying at least a portion of the document within the browser-controlled window; '985-1.f identifying an embed text format which corresponds to a first location in the document, where the embed text format specifies the location of at least a portion of an object external to the file, where the object has type information associated with it; '985-1.g utilizing the type information to identify and locate an executable application external to the file; and '985-1.h automatically invoking the executable application, in response to the identifying of the embed text format, to execute on the client workstation in order to display the object and enable an end-user to directly interact with the object while the object is being displayed within a display area created at the first location within the portion of the hypermedia document being displayed in the browser-controlled window. '985-2.a 2. The method of claim 1 where: the information to enable comprises text formats. '985-3.a 3. The method of claim 2 where the text formats are HTML tags. '985-4.a 4. The method of claim 1 where the information contained in the file received	'985-1.c	
formats; '985-1.e displaying at least a portion of the document within the browser-controlled window; '985-1.f identifying an embed text format which corresponds to a first location in the document, where the embed text format specifies the location of at least a portion of an object external to the file, where the object has type information associated with it; '985-1.g utilizing the type information to identify and locate an executable application external to the file; and '985-1.h automatically invoking the executable application, in response to the identifying of the embed text format, to execute on the client workstation in order to display the object and enable an end-user to directly interact with the object while the object is being displayed within a display area created at the first location within the portion of the hypermedia document being displayed in the browser-controlled window. '985-2.a 2. The method of claim 1 where: the information to enable comprises text formats. '985-3.a 3. The method of claim 2 where the text formats are HTML tags. '985-4.a 4. The method of claim 1 where the information contained in the file received		
'985-1.e displaying at least a portion of the document within the browser-controlled window; '985-1.f identifying an embed text format which corresponds to a first location in the document, where the embed text format specifies the location of at least a portion of an object external to the file, where the object has type information associated with it; '985-1.g utilizing the type information to identify and locate an executable application external to the file; and '985-1.h automatically invoking the executable application, in response to the identifying of the embed text format, to execute on the client workstation in order to display the object and enable an end-user to directly interact with the object while the object is being displayed within a display area created at the first location within the portion of the hypermedia document being displayed in the browser-controlled window. '985-2.a 2. The method of claim 1 where: the information to enable comprises text formats. '985-3.a 3. The method of claim 2 where the text formats are HTML tags. '985-4.a 4. The method of claim 1 where the information contained in the file received	'985-1.d	responding to text formats to initiate processing specified by the text
window; '985-1.f identifying an embed text format which corresponds to a first location in the document, where the embed text format specifies the location of at least a portion of an object external to the file, where the object has type information associated with it; '985-1.g utilizing the type information to identify and locate an executable application external to the file; and '985-1.h automatically invoking the executable application, in response to the identifying of the embed text format, to execute on the client workstation in order to display the object and enable an end-user to directly interact with the object while the object is being displayed within a display area created at the first location within the portion of the hypermedia document being displayed in the browser-controlled window. '985-2.a 2. The method of claim 1 where: the information to enable comprises text formats. '985-3.a 3. The method of claim 2 where the text formats are HTML tags. '985-4.a 4. The method of claim 1 where the information contained in the file received		formats;
'985-1.f identifying an embed text format which corresponds to a first location in the document, where the embed text format specifies the location of at least a portion of an object external to the file, where the object has type information associated with it; '985-1.g utilizing the type information to identify and locate an executable application external to the file; and '985-1.h automatically invoking the executable application, in response to the identifying of the embed text format, to execute on the client workstation in order to display the object and enable an end-user to directly interact with the object while the object is being displayed within a display area created at the first location within the portion of the hypermedia document being displayed in the browser-controlled window. '985-2.a 2. The method of claim 1 where: the information to enable comprises text formats. '985-3.a 3. The method of claim 2 where the text formats are HTML tags. '985-4.a 4. The method of claim 1 where the information contained in the file received	'985-1.e	displaying at least a portion of the document within the browser-controlled
document, where the embed text format specifies the location of at least a portion of an object external to the file, where the object has type information associated with it; '985-1.g utilizing the type information to identify and locate an executable application external to the file; and '985-1.h automatically invoking the executable application, in response to the identifying of the embed text format, to execute on the client workstation in order to display the object and enable an end-user to directly interact with the object while the object is being displayed within a display area created at the first location within the portion of the hypermedia document being displayed in the browser-controlled window. '985-2.a 2. The method of claim 1 where: the information to enable comprises text formats. '985-3.a 3. The method of claim 2 where the text formats are HTML tags. '985-4.a 4. The method of claim 1 where the information contained in the file received		window;
portion of an object external to the file, where the object has type information associated with it; '985-1.g utilizing the type information to identify and locate an executable application external to the file; and '985-1.h automatically invoking the executable application, in response to the identifying of the embed text format, to execute on the client workstation in order to display the object and enable an end-user to directly interact with the object while the object is being displayed within a display area created at the first location within the portion of the hypermedia document being displayed in the browser-controlled window. '985-2.a 2. The method of claim 1 where: the information to enable comprises text formats. '985-3.a 3. The method of claim 2 where the text formats are HTML tags. '985-4.a 4. The method of claim 1 where the information contained in the file received	'985-1.f	identifying an embed text format which corresponds to a first location in the
information associated with it; '985-1.g utilizing the type information to identify and locate an executable application external to the file; and '985-1.h automatically invoking the executable application, in response to the identifying of the embed text format, to execute on the client workstation in order to display the object and enable an end-user to directly interact with the object while the object is being displayed within a display area created at the first location within the portion of the hypermedia document being displayed in the browser-controlled window. '985-2.a 2. The method of claim 1 where: the information to enable comprises text formats. '985-3.a 3. The method of claim 2 where the text formats are HTML tags. 4. The method of claim 1 where the information contained in the file received		document, where the embed text format specifies the location of at least a
'985-1.g utilizing the type information to identify and locate an executable application external to the file; and '985-1.h automatically invoking the executable application, in response to the identifying of the embed text format, to execute on the client workstation in order to display the object and enable an end-user to directly interact with the object while the object is being displayed within a display area created at the first location within the portion of the hypermedia document being displayed in the browser-controlled window. '985-2.a 2. The method of claim 1 where: the information to enable comprises text formats. '985-3.a 3. The method of claim 2 where the text formats are HTML tags. '985-4.a 4. The method of claim 1 where the information contained in the file received		portion of an object external to the file, where the object has type
 application external to the file; and '985-1.h automatically invoking the executable application, in response to the identifying of the embed text format, to execute on the client workstation in order to display the object and enable an end-user to directly interact with the object while the object is being displayed within a display area created at the first location within the portion of the hypermedia document being displayed in the browser-controlled window. '985-2.a 2. The method of claim 1 where: the information to enable comprises text formats. '985-3.a 3. The method of claim 2 where the text formats are HTML tags. '985-4.a 4. The method of claim 1 where the information contained in the file received 		
 '985-1.h automatically invoking the executable application, in response to the identifying of the embed text format, to execute on the client workstation in order to display the object and enable an end-user to directly interact with the object while the object is being displayed within a display area created at the first location within the portion of the hypermedia document being displayed in the browser-controlled window. '985-2.a 2. The method of claim 1 where: the information to enable comprises text formats. '985-3.a 3. The method of claim 2 where the text formats are HTML tags. '985-4.a 4. The method of claim 1 where the information contained in the file received 	'985-1.g	
identifying of the embed text format, to execute on the client workstation in order to display the object and enable an end-user to directly interact with the object while the object is being displayed within a display area created at the first location within the portion of the hypermedia document being displayed in the browser-controlled window. '985-2.a 2. The method of claim 1 where: the information to enable comprises text formats. '985-3.a 3. The method of claim 2 where the text formats are HTML tags. '985-4.a 4. The method of claim 1 where the information contained in the file received		
in order to display the object and enable an end-user to directly interact with the object while the object is being displayed within a display area created at the first location within the portion of the hypermedia document being displayed in the browser-controlled window. '985-2.a 2. The method of claim 1 where: the information to enable comprises text formats. '985-3.a 3. The method of claim 2 where the text formats are HTML tags. 4. The method of claim 1 where the information contained in the file received	'985-1.h	
with the object while the object is being displayed within a display area created at the first location within the portion of the hypermedia document being displayed in the browser-controlled window. '985-2.a 2. The method of claim 1 where: the information to enable comprises text formats. '985-3.a 3. The method of claim 2 where the text formats are HTML tags. '985-4.a 4. The method of claim 1 where the information contained in the file received		
created at the first location within the portion of the hypermedia document being displayed in the browser-controlled window. '985-2.a 2. The method of claim 1 where: the information to enable comprises text formats. '985-3.a 3. The method of claim 2 where the text formats are HTML tags. '985-4.a 4. The method of claim 1 where the information contained in the file received		
being displayed in the browser-controlled window. 2. The method of claim 1 where: the information to enable comprises text formats. 3. The method of claim 2 where the text formats are HTML tags. 4. The method of claim 1 where the information contained in the file received		
 '985-2.a '985-2.a '985-3.a '985-3.a '985-4.a 2. The method of claim 1 where: the information to enable comprises text formats. '985-3.a '985-4.a The method of claim 2 where the text formats are HTML tags. 4. The method of claim 1 where the information contained in the file received 		
formats. '985-3.a 3. The method of claim 2 where the text formats are HTML tags. '985-4.a 4. The method of claim 1 where the information contained in the file received		
 '985-3.a '985-4.a 3. The method of claim 2 where the text formats are HTML tags. 4. The method of claim 1 where the information contained in the file received 	'985-2.a	<u> </u>
'985-4.a 4. The method of claim 1 where the information contained in the file received	1007	
		· · · · · · · · · · · · · · · · · · ·
	'985-4.a	
comprises at least one embed text format.	1005.5	1
'985-5.a 5. The method of claim 1 where the step of identifying an embed text format	'985-5.a	
comprises: parsing the received file to identify text formats included in the		
received file.	1007 5	
'985-6.a 6. The method of claim 5 where the parsing is by a parser in the browser.		
	'985-7.a	7. The method of claim 1 where the processing specified by the text formats is
specified directly.	1005.0	· · · · · · · · · · · · · · · · · · ·
1 /1005 V o 1 V The method of claim 1 whom the common dama is immlied by the cultural of	'985-8.a	8. The method of claim 1 where the correspondence is implied by the order of
		the text format in a set of all of the text formats.

'985-9.a	9. The method of claim 1 where the embed text format specifies the location
	of at least a portion of an object directly.
'985-10.a	10. The method of claim 1 where having type information associated is by
	including type information in the embed text format.
'985-11.a	11. The method of claim 1 where automatically invoking does not require
	interactive action by the user.
'985-12.a	12. The method of claim 1, wherein said executable application is a
	controllable application and further comprising the step of:
	interactively controlling said controllable application on said client
	workstation via inter-process communications between said browser and
	said controllable application.
'985-13.a	13. The method of claim 12, wherein the communications to interactively
	control said controllable application continue to be exchanged between the
	controllable application and the browser even after the controllable application
	program has been launched.
'985-14.a	14. The method of claim 13, wherein additional instructions for controlling
	said controllable application reside on said network server, wherein said step of
	interactively controlling said controllable application includes the following
	substeps:
'985-14.b	issuing, from the client workstation, one or more commands to the network
	server;
'985-14.c	executing, on the network server, one or more instructions in response to said
	commands;
'985-14.d	sending information from said network server to said client workstation in
	response to said executed instructions; and
'985-14.e	processing said information at the client workstation to interactively control
	said controllable application.
'985-15.a	15. The method of claim 14, wherein said additional instructions for
	controlling said controllable application reside on said client workstation.
Element	Claim 16
'985-16.a	16. One or more computer readable media encoded with software comprising
	computer executable instructions, for use in a distributed hypermedia network
	environment, wherein the network environment comprises at least one client
	workstation and one network server coupled to the network environment, and
	when the software is executed operable to:
'985-16.b	receive, at the client workstation from the network server over the network
	environment, at least one file containing information to enable a browser
	application to display at least a portion of a distributed hypermedia
	document within a browser-controlled window;
'985-16.c	cause the client workstation to utilize the browser to:
'985-16.d	respond to text formats to initiate processing specified by the text formats;
'985-16.e	display at least a portion of the document within the browser-controlled
, 22 20.3	window;
	window,

'985-16.f	identify an embed text format corresponding to a first location in the
	document, the embed text format specifying the location of at least a
	portion of an object external to the file, with the object having type
	information associated with it;
'985-16.g	utilize the type information to identify and locate an executable application
	external to the file; and
'985-16.h	automatically invoke the executable application, in response to the
	identifying of the embed text format, to execute on the client workstation
	in order to display the object and enable an end-user to directly interact
	with the object while the object is being displayed within a display area
	created at the first location within the portion of the hypermedia document
	being displayed in the browser-controlled window.
'985-17.a	17. The computer readable media of claim 16 where: the information to
	enable comprises text formats.
'985-18.a	18. The computer readable media of claim 17 where: the text formats are
	HTML tags.
'985-19.a	19. The computer readable media of claim 16 where: the information
	contained in the file received comprises at least one embed text format.
Element	<u>Claim 20</u>
'985-20.a	20. A method of serving digital information in a computer network
	environment having a network server coupled the network environment, and
	where the network environment is a distributed hypermedia environment, the
	method comprising:
'985-20.b	communicating via the network server with at least one client workstation over
	said network in order to cause said client workstation to:
'985-20.c	receive, over said network environment from said server, at least one file
	containing information to enable a browser application to display at least
	a portion of a distributed hypermedia document within a browser-
	controlled window;
'985-20.d	execute, at said client workstation, a browser application, with the browser
	application:
'985-20.e	responding to text formats to initiate processing specified by the text
	formats;
'985-20.f	displaying, on said client workstation, at least a portion of the document
	within the browser-controlled window;
'985-20.g	identifying an embed text format which corresponds to a first location in
	the document, where the embed text format specifies the location of at
	least a portion of an object external to the file, where the object has type
	information associated with it;
'985-20.h	utilizing the type information to identify and locate an executable
	application external to the file; and
	· · · · · · · · · · · · · · · · · · ·

'985-20.i	automatically invoking the executable application, in response to the
	identifying of the embed text format, to execute on the client
	workstation in order to display the object and enable an end-user to
	directly interact with the object while the object is being displayed
	within a display area created at the first location within the portion of
	the hypermedia document being displayed in the browser-controlled
	window.
'985-21.a	21. The method of claim 20 where: the information to enable comprises text
	formats.
'985-22.a	22. The method of claim 21 where: the text formats are HTML tags.
'985-23.a	23. The method of claim 20 where: the information contained in the file
	received comprises at least one embed text format.
Element	Claim 24
'985-24.a	24. A method for running an executable application in a computer network
	environment, wherein said network environment has at least one client
	workstation and one network server coupled to a network environment, the
	method comprising:
'985-24.b	enabling an end-user to directly interact with an object by utilizing said
7 00 - 110	executable application to interactively process said object while the object is
	being displayed within a display area created at a first location within a
	portion of a hypermedia document being displayed in a browser-controlled
	window,
'985-24.c	wherein said network environment is a distributed hypermedia environment,
'985-24.d	wherein said client workstation receives, over said network environment
765-24.u	from said server, at least one file containing information to enable said
	browser application to display, on said client workstation, at least said
	portion of said distributed hypermedia document within said browser-
'985-24.e	controlled window, wherein said executable application is external to said file,
'985-24.f	wherein said executable application is executes the browser application, with the
963-24.1	
	browser application responding to text formats to initiate processing
2005 24 ~	specified by the text formats,
'985-24.g	wherein at least said portion of the document is displayed within the
2005 24 1	browser-controlled window,
'985-24.h	wherein an embed text format which corresponds to said first location in the
1007.041	document is identified by the browser,
'985-24.i	wherein the embed text format specifies the location of at least a portion of
	said object external to the file,
'985-24.j	wherein the object has type information associated with it,
'985-24.k	wherein the type information is utilized by the browser to identify and locate
	said executable application, and
'985-24.1	wherein the executable application is automatically invoked by the browser,
	in response to the identifying of the embed text format.
'985-25.a	25. The method of claim 24 where: the information to enable comprises text
	formats.

'985-26.a	26. The method of claim 25 where: the text formats are HTML tags.
'985-27.a	27. The method of claim 24 where: the information contained in the file
	received comprises at least one embed text format.
Element	Claim 28
'985-28.a	28. One or more computer readable media encoded with software comprising
	an executable application for use in a system having at least one client
	workstation and one network server coupled to a network environment, operable
	to:
'985-28.b	cause the client workstation to display an object and enable an end-user to
	directly interact with said object while the object is being displayed within a
	display area created at a first location within a portion of a hypermedia
	document being displayed in a browser-controlled window,
'985-28.c	wherein said network environment is a distributed hypermedia environment,
'985-28.d	wherein said client workstation receives, over said network environment
	from said server, at least one file containing information to enable said
	browser application to display, on said client workstation, at least said
	portion of said distributed hypermedia document within said browser-
1005.20	controlled window,
'985-28.e	wherein said executable application is external to said file,
'985-28.f	wherein said client workstation executes said browser application, with the
	browser application responding to text formats to initiate processing
'985-28.g	specified by the text formats, wherein at least said portion of the document is displayed within the
963-26.g	browser-controlled window,
'985-28.h	wherein an embed text format which corresponds to said first location in the
703-20.11	document is identified by the browser,
'985-28.i	wherein the embed text format specifies the location of at least a portion of
700 2011	said object external to the file,
'985-28.j	wherein the object has type information associated with it,
'985-28.k	wherein the type information is utilized by the browser to identify and locate
	said executable application, and
'985-28.1	wherein the executable application is automatically invoked by the browser,
	in response to the identifying of the embed text format.
'985-29.a	29. The method of claim 28 where: the information to enable comprises text
	formats.
'985-30.a	30. The method of claim 29 where: the text formats are HTML tags.
'985-31.a	31. The method of claim 28 where: the information contained in the file
	received comprises at least one embed text format.
Element	Claim 32
'985-32.a	32. A method for serving digital information in a computer network
1005.221	environment, said method comprising:
'985-32.b	communicating via a network server with at least one client workstation over
	said computer network environment in order to cause said client workstation
	to:

'985-32.c	receive at said client workstation, over said computer network environment from said server, at least one file containing information to enable a browser application to display, on said client workstation, at least a portion of a distributed hypermedia document within a browser-controlled window;
'985-32.d	utilize an executable application external to said file to enable an end-user to
983-32.d	directly interact with an object while the object is being displayed within a display area created at a first location within the portion of the distributed hypermedia document being displayed in the browser-controlled window, with said network server coupled to said computer network environment,
'985-32.e	wherein said computer network environment has at least said client workstation and said network server coupled to the computer network environment,
'985-32.f	wherein said computer network environment is a distributed hypermedia environment,
'985-32.g	wherein said client workstation executes the browser application, with the browser application responding to text formats to initiate processing specified by the text formats,
'985-32.h	wherein at least said portion of the document is displayed within the browser-controlled window,
'985-32.i	wherein an embed text format which corresponds to said first location in the document is identified by the browser,
'985-32.j	wherein the embed text format specifies the location of at least a portion of said object external to the file,
'985-32.k	wherein the object has type information associated with it,
'985-32.1	wherein the type information is utilized by the browser to identify and locate said executable application, and
'985-32.m	wherein the executable application is automatically invoked by the browser, in response to the identifying of the embed text format.
'985-33.a	33. The method of claim 32 where: the information to enable comprises text formats.
'985-34.a	34. The method of claim 33 where: the text formats are HTML tags.
'985-35.a	35. The method of claim 32 where: the information contained in the file received comprises at least one embed text format.
Element	Claim 36
'985-36.a	36. A method for running an application program in a distributed hypermedia
700 00.0	network environment, wherein the distributed hypermedia network environment
	comprises at least one client workstation and one remote network server coupled
	to the distributed hypermedia network environment, the method comprising:
'985-36.b	receiving, at the client workstation from the network server over the
	distributed hypermedia network environment, at least one file containing
	information to enable a browser application to display at least a portion of a
	distributed hypermedia document within a browser-controlled window;
'985-36.c	executing the browser application on the client workstation, with the browser application:

responding to text formats to initiate processing specified by the text formats; '985-36.e displaying at least a portion of the document within the browser-controlled window; '985-36.f identifying an embed text format which corresponds to a first location in the document, where the embed text format specifies the location of at least a portion of an object; '985-36.g identifying and locating an executable application associated with the object; and automatically invoking the executable application, in response to the identifying of the embed text format, in order to enable an end-user to directly interact with the object, while the object is being displayed within a display area created at the first location within the portion of the hypermedia document being displayed in the browser-controlled window, wherein the executable application is part of a distributed application, and wherein at least a portion of the distributed application is for execution on a remote network server coupled to the distributed hypermedia network environment. '985-37.a 37. The method of claim 37 where: the information to enable comprises text formats. '985-39.a 39. The method of claim 37 where: the text formats are HTML tags. '985-39.a 39. The method of serving digital information contained in the file received comprises at least one embed text format. Element Claim 40 40. A method of serving digital information in a computer network environment having a network server coupled to said computer network environment, and where the network environment is a distributed hypermedia network environment, the method comprising: '985-40.a communicating via the network server with at least one remote client workstation over said computer network environment in order to cause said client workstation to: '985-40.c receive, over said computer network environment in order to cause said client workstation to: responding to text formats to initiate processing specified by the text formats; displaying, on said client workstation, at least a	'985-36.d	
window; identifying an embed text format which corresponds to a first location in the document, where the embed text format specifies the location of at least a portion of an object; identifying and locating an executable application associated with the object; and automatically invoking the executable application, in response to the identifying of the embed text format, in order to enable an end-user to directly interact with the object, while the object is being displayed within a display area created at the first location within the portion of the hypermedia document being displayed in the browser-controlled window, wherein the executable application is part of a distributed application, and wherein at least a portion of the distributed application is for execution on a remote network server coupled to the distributed hypermedia network environment. '985-38.a 38. The method of claim 36 where: the information to enable comprises text formats. '985-39.a 39. The method of claim 37 where: the text formats are HTML tags. '985-39.a 39. The method of claim 36 where: the information contained in the file received comprises at least one embed text format. Element Claim 40 '985-40.a 40. A method of serving digital information in a computer network environment having a network server coupled to said computer network environment, and where the network environment is a distributed hypermedia network environment, the method comprising: '985-40.b communicating via the network server with at least one remote client workstation over said computer network environment in order to cause said client workstation to: '985-40.c receive, over said computer network environment from the network server, at least one file containing information to enable a browser application to display at least a portion of a distributed hypermedia document within a browser-controlled window; '985-40.e responding to text formats to initiate processing specified by the text formats; displaying, on said client workstation, at least a portion of t		
document, where the embed text format specifies the location of at least a portion of an object; '985-36.g identifying and locating an executable application associated with the object; and automatically invoking the executable application, in response to the identifying of the embed text format, in order to enable an end-user to directly interact with the object, while the object is being displayed within a display area created at the first location within the portion of the hypermedia document being displayed in the browser-controlled window, wherein the executable application is part of a distributed application, and wherein at least a portion of the distributed application is for execution on a remote network server coupled to the distributed hypermedia network environment. '985-37.a 37. The method of claim 36 where: the information to enable comprises text formats. '985-38.a 38. The method of claim 37 where: the text formats are HTML tags. '985-39.a 39. The method of claim 36 where: the information contained in the file received comprises at least one embed text format. Element '985-40.a 40. A method of serving digital information in a computer network environment having a network server coupled to said computer network environment having a network server outpled to said computer network environment, and where the network environment is a distributed hypermedia network environment, the method comprising: '985-40.b communicating via the network server with at least one remote client workstation over said computer network environment in order to cause said client workstation to: '985-40.c receive, over said computer network environment from the network server, at least one file containing information to enable a browser application to display at least a portion of a distributed hypermedia document within a browser-controlled window; '985-40.d receive, over said client workstation, a browser application of the document within the browser-controlled window; identifying an embed text format which corr	'985-36.e	
object; and automatically invoking the executable application, in response to the identifying of the embed text format, in order to enable an end-user to directly interact with the object, while the object is being displayed within a display area created at the first location within the portion of the hypermedia document being displayed in the browser-controlled window, wherein the executable application is part of a distributed application, and wherein at least a portion of the distributed application is for execution on a remote network server coupled to the distributed hypermedia network environment. 37. The method of claim 36 where: the information to enable comprises text formats. 38. The method of claim 37 where: the text formats are HTML tags. 3985-39.a 39. The method of claim 36 where: the information contained in the file received comprises at least one embed text format. Element 985-40.a 40. A method of serving digital information in a computer network environment, and where the network server coupled to said computer network environment, and where the network server outpled to said computer network environment, and where the network environment is a distributed hypermedia network environment, the method comprising: 985-40.b communicating via the network server with at least one remote client workstation over said computer network environment in order to cause said client workstation to: 985-40.c receive, over said computer network environment from the network server, at least one file containing information to enable a browser application to display at least a portion of a distributed hypermedia document within a browser-controlled window; 985-40.d execute, at said client workstation, a browser application, with the browser application: 1985-40.e responding to text formats to initiate processing specified by the text formats; 3985-40.g identifying an embed text format which corresponds to a first location in the document, where the embed text format specifies the location of at least a por	'985-36.f	document, where the embed text format specifies the location of at least a
identifying of the embed text format, in order to enable an end-user to directly interact with the object, while the object is being displayed within a display area created at the first location within the portion of the hypermedia document being displayed in the browser-controlled window, '985-36.i wherein the executable application is part of a distributed application, and wherein at least a portion of the distributed application is for execution on a remote network server coupled to the distributed hypermedia network environment. '985-37.a 37. The method of claim 36 where: the information to enable comprises text formats. '985-38.a 38. The method of claim 37 where: the text formats are HTML tags. '985-39.a 39. The method of claim 36 where: the information contained in the file received comprises at least one embed text format. Element Claim 40 '985-40.a 40. A method of serving digital information in a computer network environment having a network server coupled to said computer network environment, and where the network environment is a distributed hypermedia network environment, the method comprising: '985-40.b communicating via the network server with at least one remote client workstation over said computer network environment in order to cause said client workstation to: '985-40.c receive, over said computer network environment from the network server, at least one file containing information to enable a browser application to display at least a portion of a distributed hypermedia document within a browser-controlled window; '985-40.e responding to text formats to initiate processing specified by the text formats; '985-40.e identifying an embed text format specifies the location in the document, where the embed text format specifies the location in the document, where the embed text format specifies the location of at least a portion of an object; identifying and locating an executable application associated with the	'985-36.g	
'985-36.j wherein at least a portion of the distributed application is for execution on a remote network server coupled to the distributed hypermedia network environment. '985-37.a 37. The method of claim 36 where: the information to enable comprises text formats. '985-38.a 38. The method of claim 37 where: the text formats are HTML tags. '985-39.a 39. The method of claim 36 where: the information contained in the file received comprises at least one embed text format. Element Claim 40 '985-40.a 40. A method of serving digital information in a computer network environment having a network server coupled to said computer network environment, and where the network environment is a distributed hypermedia network environment, the method comprising: '985-40.b communicating via the network server with at least one remote client workstation over said computer network environment in order to cause said client workstation to: '985-40.c receive, over said computer network environment from the network server, at least one file containing information to enable a browser application to display at least a portion of a distributed hypermedia document within a browser-controlled window; '985-40.d execute, at said client workstation, a browser application, with the browser application: responding to text formats to initiate processing specified by the text formats; displaying, on said client workstation, at least a portion of the document within the browser-controlled window; identifying an embed text format which corresponds to a first location in the document, where the embed text format specifies the location of at least a portion of an object; identifying and locating an executable application associated with the		identifying of the embed text format, in order to enable an end-user to directly interact with the object, while the object is being displayed within a display area created at the first location within the portion of the hypermedia document being displayed in the browser-controlled window,
a remote network server coupled to the distributed hypermedia network environment. 37. The method of claim 36 where: the information to enable comprises text formats. 38. The method of claim 37 where: the text formats are HTML tags. 39. The method of claim 36 where: the information contained in the file received comprises at least one embed text format. Claim 40 40. A method of serving digital information in a computer network environment having a network server coupled to said computer network environment, and where the network environment is a distributed hypermedia network environment, the method comprising: 2985-40.b 3985-40.c 2007 2018 2	'985-36.i	wherein the executable application is part of a distributed application, and
'985-38.a 38. The method of claim 37 where: the text formats are HTML tags. '985-39.a 39. The method of claim 36 where: the information contained in the file received comprises at least one embed text format. Claim 40	J	a remote network server coupled to the distributed hypermedia network environment.
'985-39.a 39. The method of claim 36 where: the information contained in the file received comprises at least one embed text format. Claim 40	'985-37.a	
received comprises at least one embed text format. Claim 40 '985-40.a 40. A method of serving digital information in a computer network environment having a network server coupled to said computer network environment, and where the network environment is a distributed hypermedia network environment, the method comprising: '985-40.b communicating via the network server with at least one remote client workstation over said computer network environment in order to cause said client workstation to: '985-40.c receive, over said computer network environment from the network server, at least one file containing information to enable a browser application to display at least a portion of a distributed hypermedia document within a browser-controlled window; '985-40.d execute, at said client workstation, a browser application, with the browser application: '985-40.e responding to text formats to initiate processing specified by the text formats; '985-40.f displaying, on said client workstation, at least a portion of the document within the browser-controlled window; '985-40.g identifying an embed text format which corresponds to a first location in the document, where the embed text format specifies the location of at least a portion of an object; '985-40.h identifying and locating an executable application associated with the	'985-38.a	38. The method of claim 37 where: the text formats are HTML tags.
 '985-40.a 40. A method of serving digital information in a computer network environment having a network server coupled to said computer network environment, and where the network environment is a distributed hypermedia network environment, the method comprising: '985-40.b communicating via the network server with at least one remote client workstation over said computer network environment in order to cause said client workstation to: '985-40.c receive, over said computer network environment from the network server, at least one file containing information to enable a browser application to display at least a portion of a distributed hypermedia document within a browser-controlled window; '985-40.d execute, at said client workstation, a browser application, with the browser application: '985-40.e responding to text formats to initiate processing specified by the text formats; '985-40.f displaying, on said client workstation, at least a portion of the document within the browser-controlled window; '985-40.g identifying an embed text format which corresponds to a first location in the document, where the embed text format specifies the location of at least a portion of an object; '985-40.h identifying and locating an executable application associated with the 	'985-39.a	
environment having a network server coupled to said computer network environment, and where the network environment is a distributed hypermedia network environment, the method comprising: '985-40.b communicating via the network server with at least one remote client workstation over said computer network environment in order to cause said client workstation to: '985-40.c receive, over said computer network environment from the network server, at least one file containing information to enable a browser application to display at least a portion of a distributed hypermedia document within a browser-controlled window; '985-40.d execute, at said client workstation, a browser application, with the browser application: '985-40.e responding to text formats to initiate processing specified by the text formats; '985-40.f displaying, on said client workstation, at least a portion of the document within the browser-controlled window; '985-40.g identifying an embed text format which corresponds to a first location in the document, where the embed text format specifies the location of at least a portion of an object; '985-40.h identifying and locating an executable application associated with the	Element	<u>Claim 40</u>
environment, and where the network environment is a distributed hypermedia network environment, the method comprising: '985-40.b communicating via the network server with at least one remote client workstation over said computer network environment in order to cause said client workstation to: '985-40.c receive, over said computer network environment from the network server, at least one file containing information to enable a browser application to display at least a portion of a distributed hypermedia document within a browser-controlled window; '985-40.d execute, at said client workstation, a browser application, with the browser application: '985-40.e responding to text formats to initiate processing specified by the text formats; '985-40.f displaying, on said client workstation, at least a portion of the document within the browser-controlled window; '985-40.g identifying an embed text format which corresponds to a first location in the document, where the embed text format specifies the location of at least a portion of an object; '985-40.h identifying and locating an executable application associated with the	'985-40.a	40. A method of serving digital information in a computer network
network environment, the method comprising: '985-40.b communicating via the network server with at least one remote client workstation over said computer network environment in order to cause said client workstation to: '985-40.c receive, over said computer network environment from the network server, at least one file containing information to enable a browser application to display at least a portion of a distributed hypermedia document within a browser-controlled window; '985-40.d execute, at said client workstation, a browser application, with the browser application: '985-40.e responding to text formats to initiate processing specified by the text formats; '985-40.f displaying, on said client workstation, at least a portion of the document within the browser-controlled window; '985-40.g identifying an embed text format which corresponds to a first location in the document, where the embed text format specifies the location of at least a portion of an object; '985-40.h identifying and locating an executable application associated with the	, 00 . 0.00	
workstation over said computer network environment in order to cause said client workstation to: '985-40.c receive, over said computer network environment from the network server, at least one file containing information to enable a browser application to display at least a portion of a distributed hypermedia document within a browser-controlled window; '985-40.d execute, at said client workstation, a browser application, with the browser application: '985-40.e responding to text formats to initiate processing specified by the text formats; '985-40.f displaying, on said client workstation, at least a portion of the document within the browser-controlled window; '985-40.g identifying an embed text format which corresponds to a first location in the document, where the embed text format specifies the location of at least a portion of an object; '985-40.h identifying and locating an executable application associated with the	7 9 9 1 9 1 9 1	environment having a network server coupled to said computer network
at least one file containing information to enable a browser application to display at least a portion of a distributed hypermedia document within a browser-controlled window; '985-40.d execute, at said client workstation, a browser application, with the browser application: '985-40.e responding to text formats to initiate processing specified by the text formats; '985-40.f displaying, on said client workstation, at least a portion of the document within the browser-controlled window; '985-40.g identifying an embed text format which corresponds to a first location in the document, where the embed text format specifies the location of at least a portion of an object; '985-40.h identifying and locating an executable application associated with the	700 1010	environment having a network server coupled to said computer network environment, and where the network environment is a distributed hypermedia network environment, the method comprising:
 '985-40.d execute, at said client workstation, a browser application, with the browser application: '985-40.e responding to text formats to initiate processing specified by the text formats; '985-40.f displaying, on said client workstation, at least a portion of the document within the browser-controlled window; '985-40.g identifying an embed text format which corresponds to a first location in the document, where the embed text format specifies the location of at least a portion of an object; '985-40.h identifying and locating an executable application associated with the 		environment having a network server coupled to said computer network environment, and where the network environment is a distributed hypermedia network environment, the method comprising: communicating via the network server with at least one remote client workstation over said computer network environment in order to cause said
formats; '985-40.f displaying, on said client workstation, at least a portion of the document within the browser-controlled window; '985-40.g identifying an embed text format which corresponds to a first location in the document, where the embed text format specifies the location of at least a portion of an object; '985-40.h identifying and locating an executable application associated with the	'985-40.b	environment having a network server coupled to said computer network environment, and where the network environment is a distributed hypermedia network environment, the method comprising: communicating via the network server with at least one remote client workstation over said computer network environment in order to cause said client workstation to: receive, over said computer network environment from the network server, at least one file containing information to enable a browser application to display at least a portion of a distributed hypermedia document within a
within the browser-controlled window; '985-40.g identifying an embed text format which corresponds to a first location in the document, where the embed text format specifies the location of at least a portion of an object; '985-40.h identifying and locating an executable application associated with the	'985-40.b '985-40.c	environment having a network server coupled to said computer network environment, and where the network environment is a distributed hypermedia network environment, the method comprising: communicating via the network server with at least one remote client workstation over said computer network environment in order to cause said client workstation to: receive, over said computer network environment from the network server, at least one file containing information to enable a browser application to display at least a portion of a distributed hypermedia document within a browser-controlled window; execute, at said client workstation, a browser application, with the browser application:
the document, where the embed text format specifies the location of at least a portion of an object; '985-40.h identifying and locating an executable application associated with the	'985-40.b '985-40.c '985-40.d	environment having a network server coupled to said computer network environment, and where the network environment is a distributed hypermedia network environment, the method comprising: communicating via the network server with at least one remote client workstation over said computer network environment in order to cause said client workstation to: receive, over said computer network environment from the network server, at least one file containing information to enable a browser application to display at least a portion of a distributed hypermedia document within a browser-controlled window; execute, at said client workstation, a browser application, with the browser application: responding to text formats to initiate processing specified by the text
	'985-40.b '985-40.c '985-40.d '985-40.e	environment having a network server coupled to said computer network environment, and where the network environment is a distributed hypermedia network environment, the method comprising: communicating via the network server with at least one remote client workstation over said computer network environment in order to cause said client workstation to: receive, over said computer network environment from the network server, at least one file containing information to enable a browser application to display at least a portion of a distributed hypermedia document within a browser-controlled window; execute, at said client workstation, a browser application, with the browser application: responding to text formats to initiate processing specified by the text formats; displaying, on said client workstation, at least a portion of the document
	'985-40.b '985-40.c '985-40.d '985-40.e '985-40.f	environment having a network server coupled to said computer network environment, and where the network environment is a distributed hypermedia network environment, the method comprising: communicating via the network server with at least one remote client workstation over said computer network environment in order to cause said client workstation to: receive, over said computer network environment from the network server, at least one file containing information to enable a browser application to display at least a portion of a distributed hypermedia document within a browser-controlled window; execute, at said client workstation, a browser application, with the browser application: responding to text formats to initiate processing specified by the text formats; displaying, on said client workstation, at least a portion of the document within the browser-controlled window; identifying an embed text format which corresponds to a first location in the document, where the embed text format specifies the location of at least a portion of an object;

'985-40.i	automatically invoking the executable application, in response to the identifying of the embed text format, in order to enable an end-user to directly interact with the object while the object is being displayed
	within a display area created at the first location within the portion of
	the hypermedia document being displayed in the browser-controlled
	window,
'095 40 i	
'985-40.j	wherein the executable application is part of a distributed application, and
'985-40.k	
963-40.K	wherein at least a portion of the distributed application is for execution on the network server.
'985-41.a	
985-41.a	41. The method of claim 40 where: the information to enable comprises text
2005 40 -	formats.
'985-42.a	42. The method of claim 41 where: the text formats are HTML tags.
'985-43.a	43. The method of claim 40 where: the information contained in the file
	received comprises at least one embed text format.
<u>Element</u>	Claim 44
'985-44.a	44. A method for serving digital information in a computer network
	environment, said method comprising:
'985-44.b	communicating via a network server with at least a remote client workstation
	over the computer network environment in order to receive commands from
	the client workstation, with the network server coupled to said computer
	network environment,
'985-44.c	wherein said computer network environment has at least said client
	workstation and said network server coupled to the computer network
	environment,
'985-44.d	wherein the computer network environment is a distributed hypermedia
	environment,
'985-44.e	wherein the client workstation receives, over the computer network
	environment from the server, at least one file containing information to
	enable a browser application to display, on the client workstation, at least
	a portion of a distributed hypermedia document within a browser-
	controlled window,
'985-44.f	wherein the client workstation executes the browser application, with the
	browser application responding to text formats to initiate processing
	specified by the text formats,
'985-44.g	wherein at least said portion of the document is displayed within the
	browser-controlled window,
'985-44.h	wherein an embed text format which corresponds to a first location in the
	document is identified by the browser,
'985-44.i	wherein the embed text format specifies the location of at least a portion of
	an object,
'985-44.j	wherein an executable application associated with the object is identified
	and located by the browser,

'985-44.k	wherein the executable application is automatically invoked by the browser,
	in response to the identifying of the embed text format, to enable an end-
	user to directly interact with the object while the object is being displayed
	within a display area created at the first location within the portion of the
	hypermedia document being displayed in the browser-controlled window,
'985-44.1	wherein the executable application is part of a distributed application, and
'985-44.m	wherein at least a portion of the distributed application is for execution on
	the network server;
'985-44.n	executing one or more instructions in response to the commands;
'985-44.o	sending information to the client workstation in response to the executed
	instructions, to allow processing of the information at the client workstation
	to enable said end-user to directly interact with said object.
'985-45.a	45. The method of claim 44 where: the information to enable comprises text
	formats.
'985-46.a	46. The method of claim 45 where: the text formats are HTML tags.
'985-47.a	47. The method of claim 44 where: the information contained in the file
	received comprises at least one embed text format.