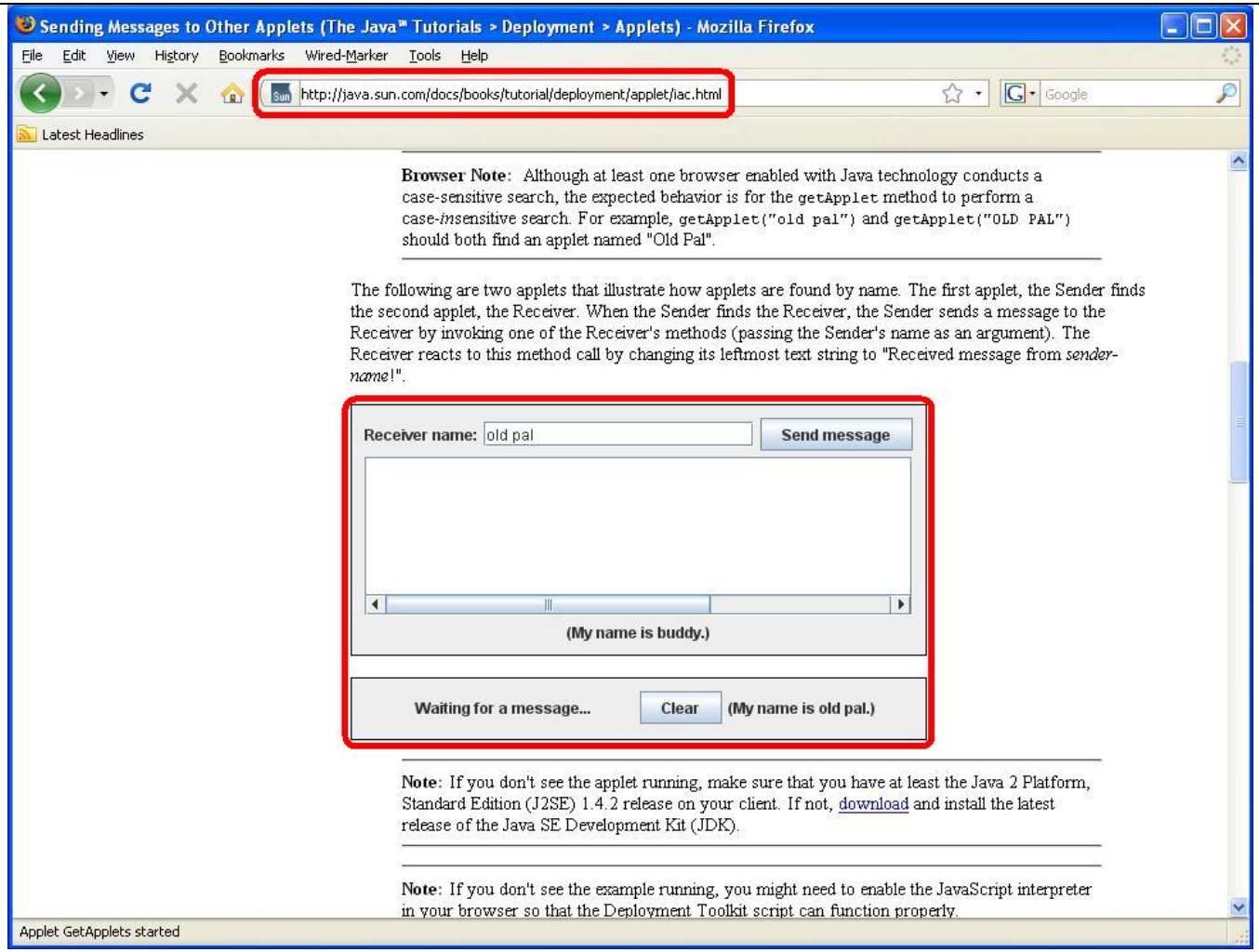
Claim Chart For Sun Microsystems Showing Infringement Of The '906 Patent By Sun Microsystems' websites*

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
1pre	A method for running an application program in a computer network environment, comprising:	Users of Sun Microsystems's websites, including but not limited to, java.sun.com and www.javafx.com etc. (hereinafter referred to as Sun Microsystems's websites), the websites themselves, and/or the servers hosting that websites (and/or any combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers and comprises a method for running an application program in a computer network environment, comprising the following elements. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use.

* Allegation not limited to the browser in use

Eolas Technologies Incorporated v. Adobe Systems Incorporated et al
Doc. 372 Att. 1
Dockets.Justia.com

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		

Source: *http://java.sun.com/docs/books/tutorial/deployment/applet/iac.html*

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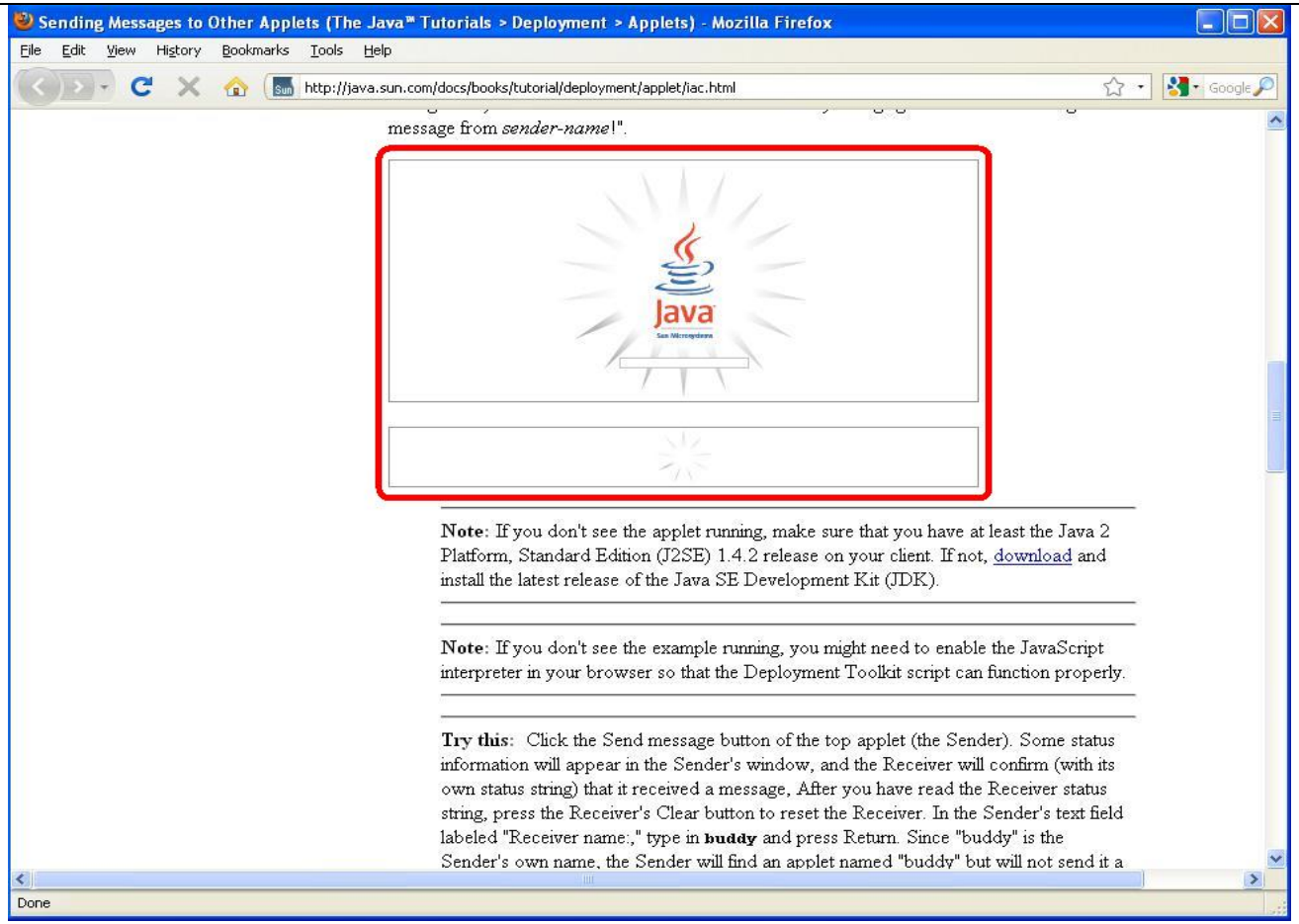
Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		

Source: *http://java.sun.com/docs/books/tutorial/deployment/applet/iac.html*

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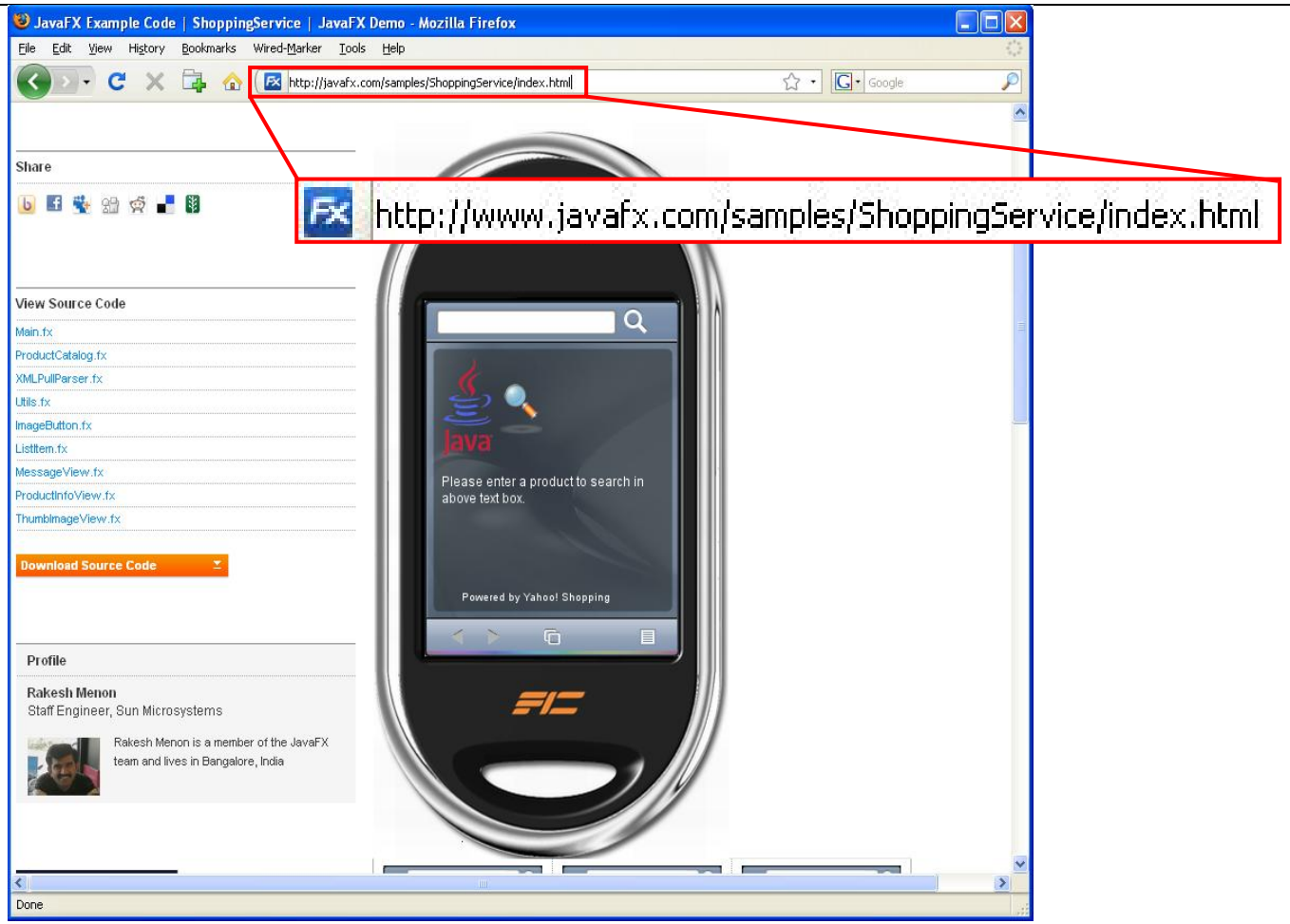
Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 Source: *http://www.javafx.com/samples/ShoppingService/index.html*

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 ***Source:*** *http://www.javafx.com/samples/ShoppingService/index.html*
1a	providing at least	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that

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Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	one client workstation and one network server coupled to said network environment, wherein said network environment is a distributed hypermedia environment;	websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that the client workstation receives, 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. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use.

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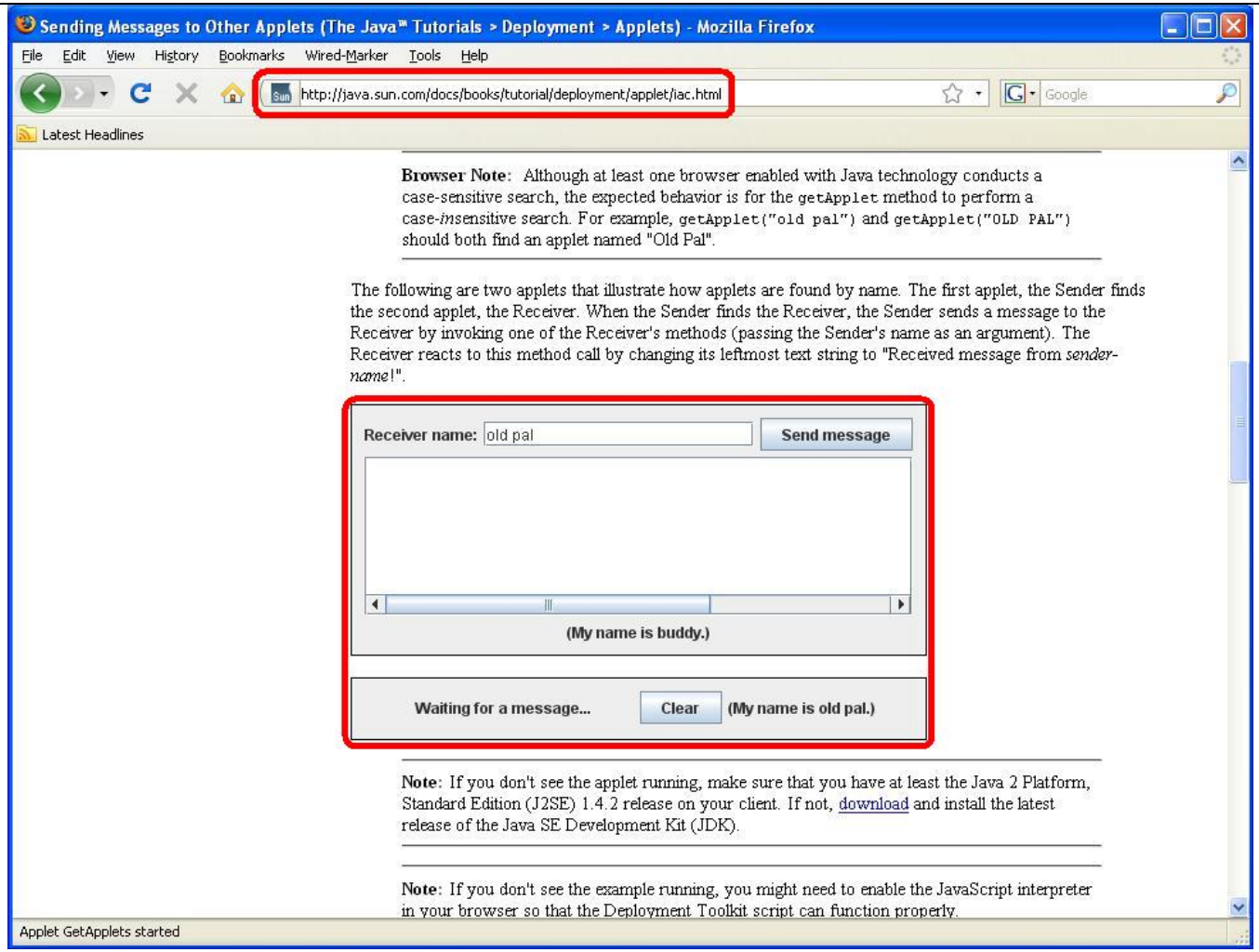
Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		

Source: *http://java.sun.com/docs/books/tutorial/deployment/applet/iac.html*

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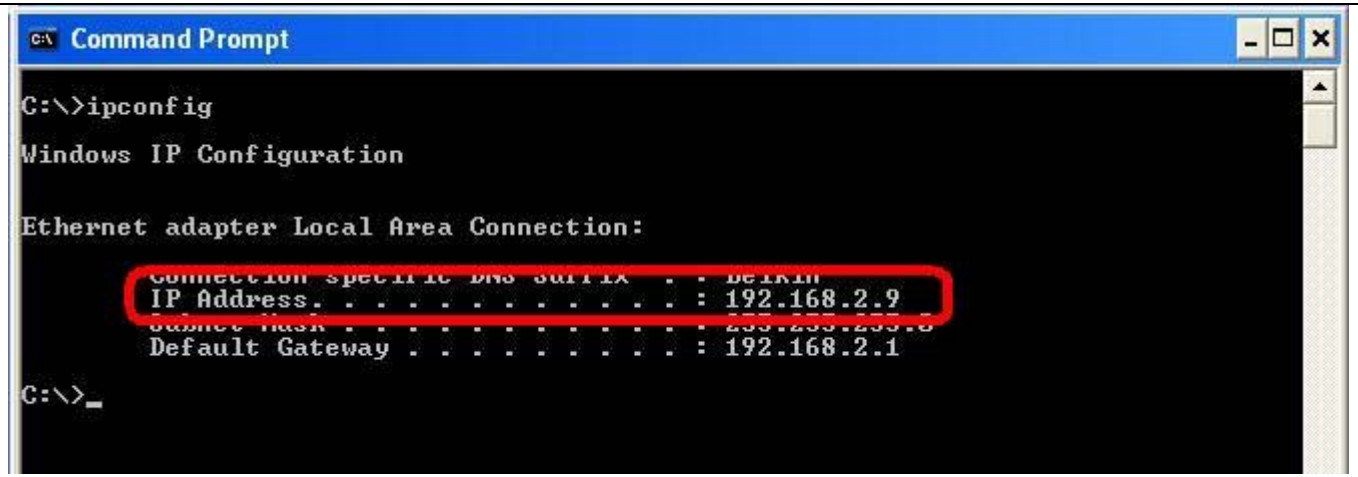
Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 ***Source:*** *Command "ipconfig", Command Prompt window* ***Source:*** *Command "ping java.sun.com", Command Prompt window*

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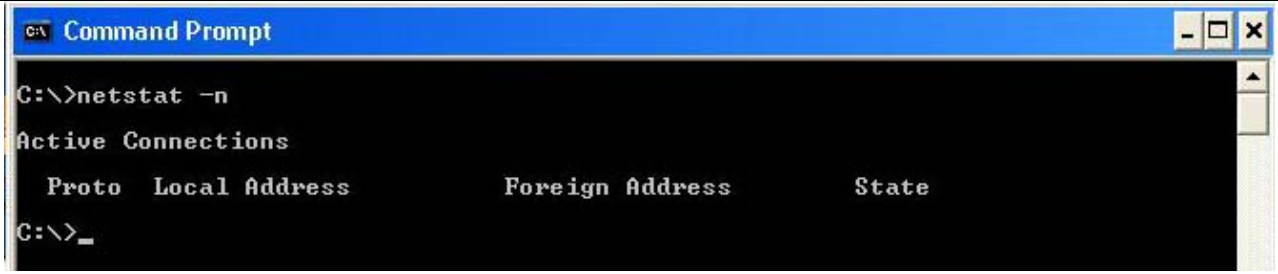
Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 ***Source:*** *Command "netstat -n", Command Prompt window*

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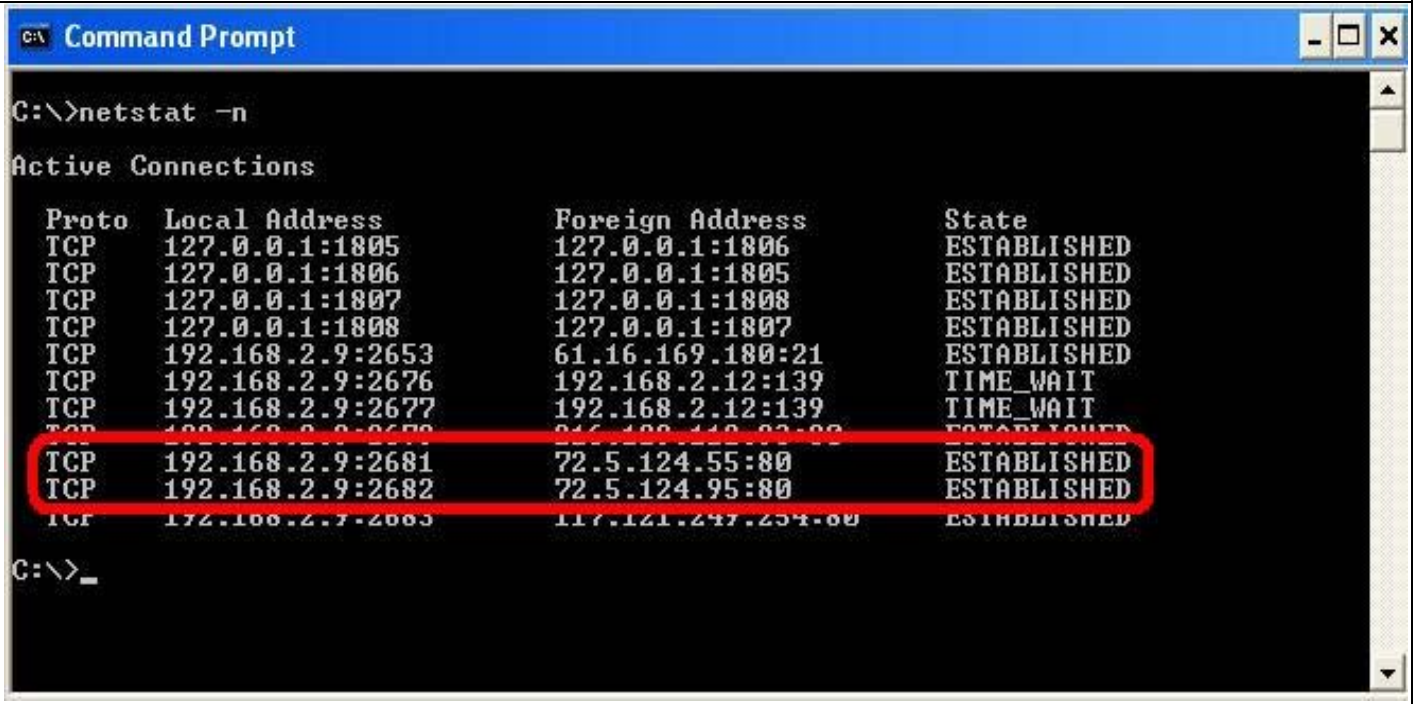
Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 ***Source:*** *Command "netstat -n", Command Prompt window, http://java.sun.com/docs/books/tutorial/deployment/applet/iac.html*

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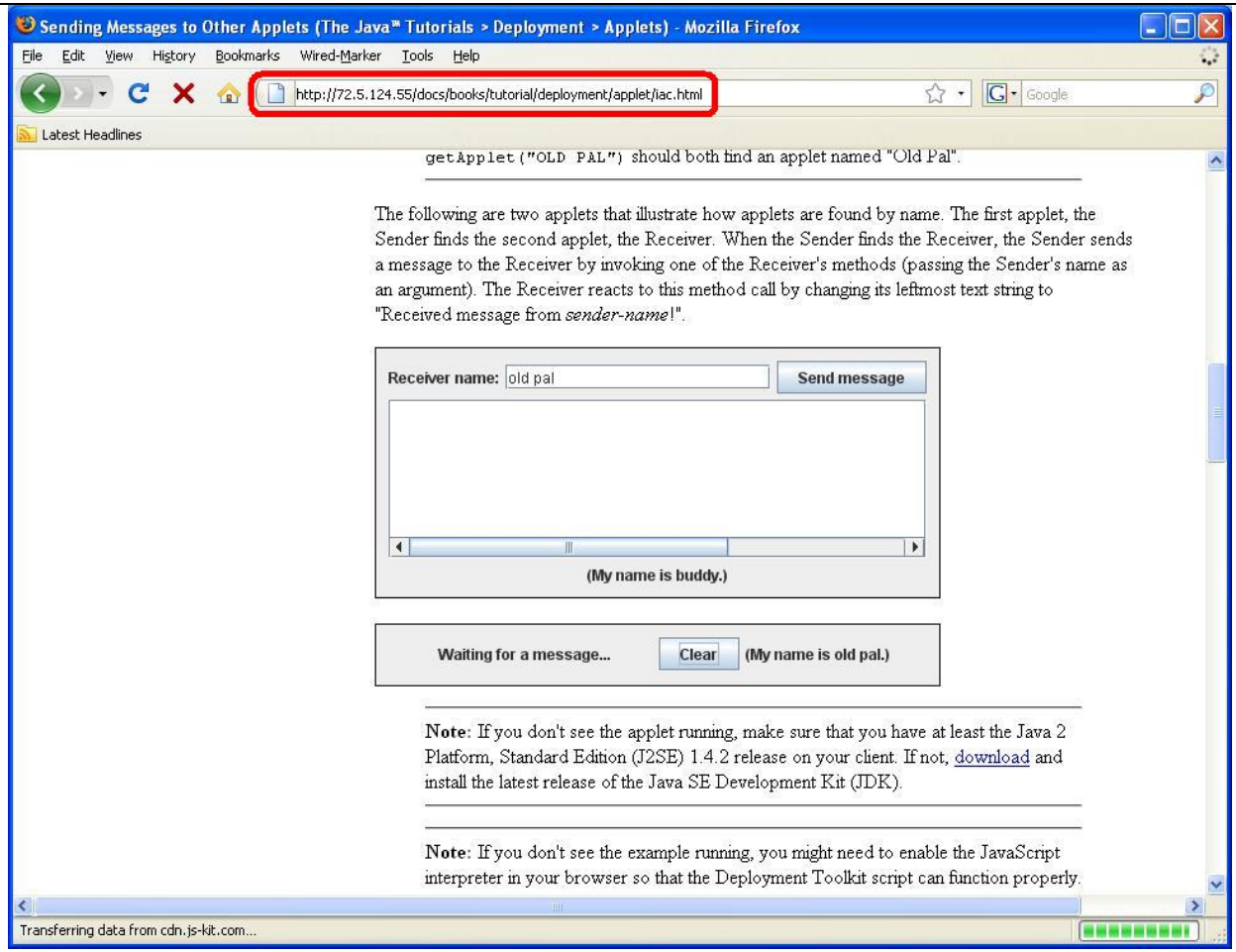
Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 ***Source:*** *http://72.5.124.55/docs/books/tutorial/deployment/applet/iac.html*

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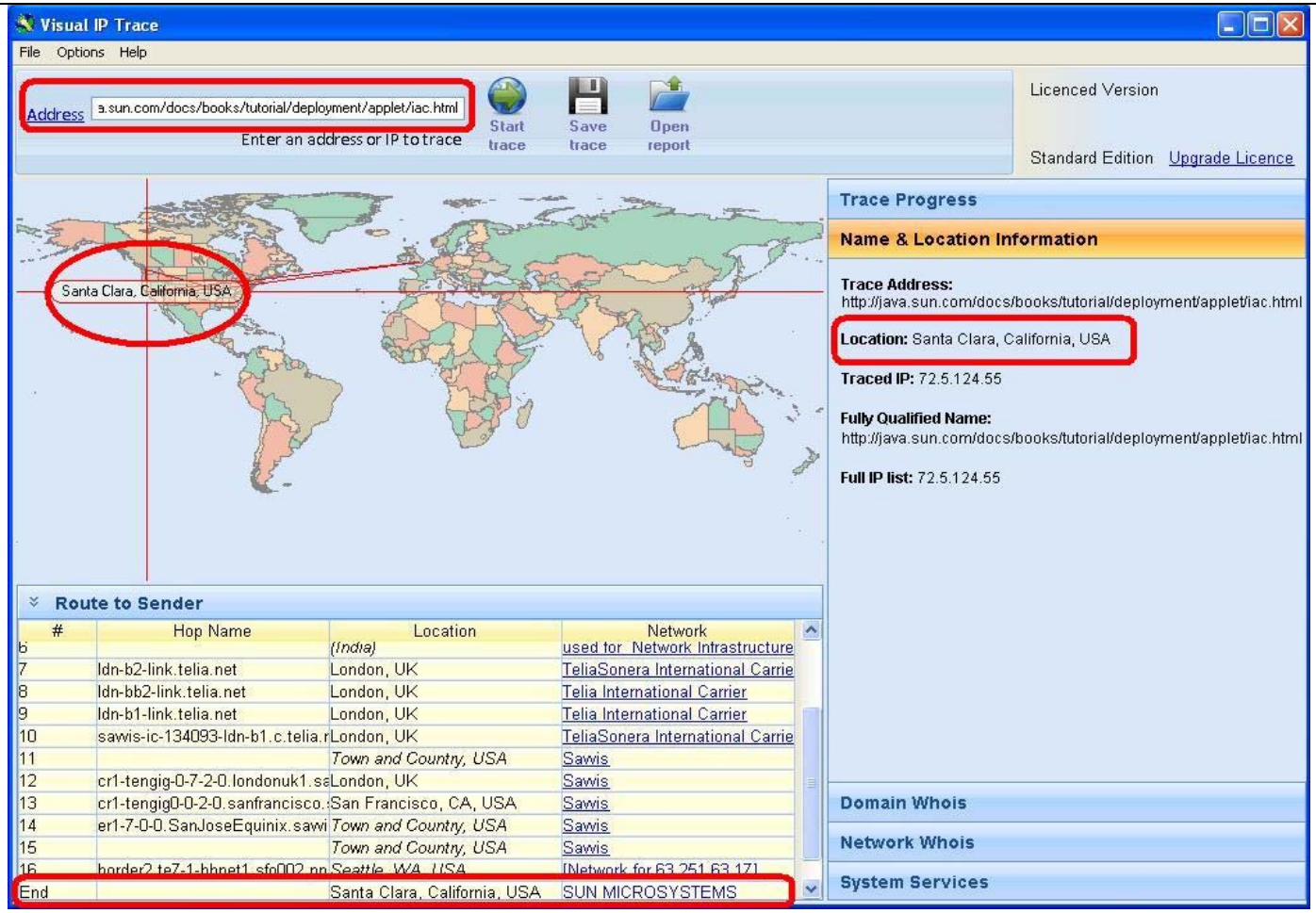
Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		

Source: *Visualware's Visual IP Trace 2009, http://www.visualiptrace.com/index.html*

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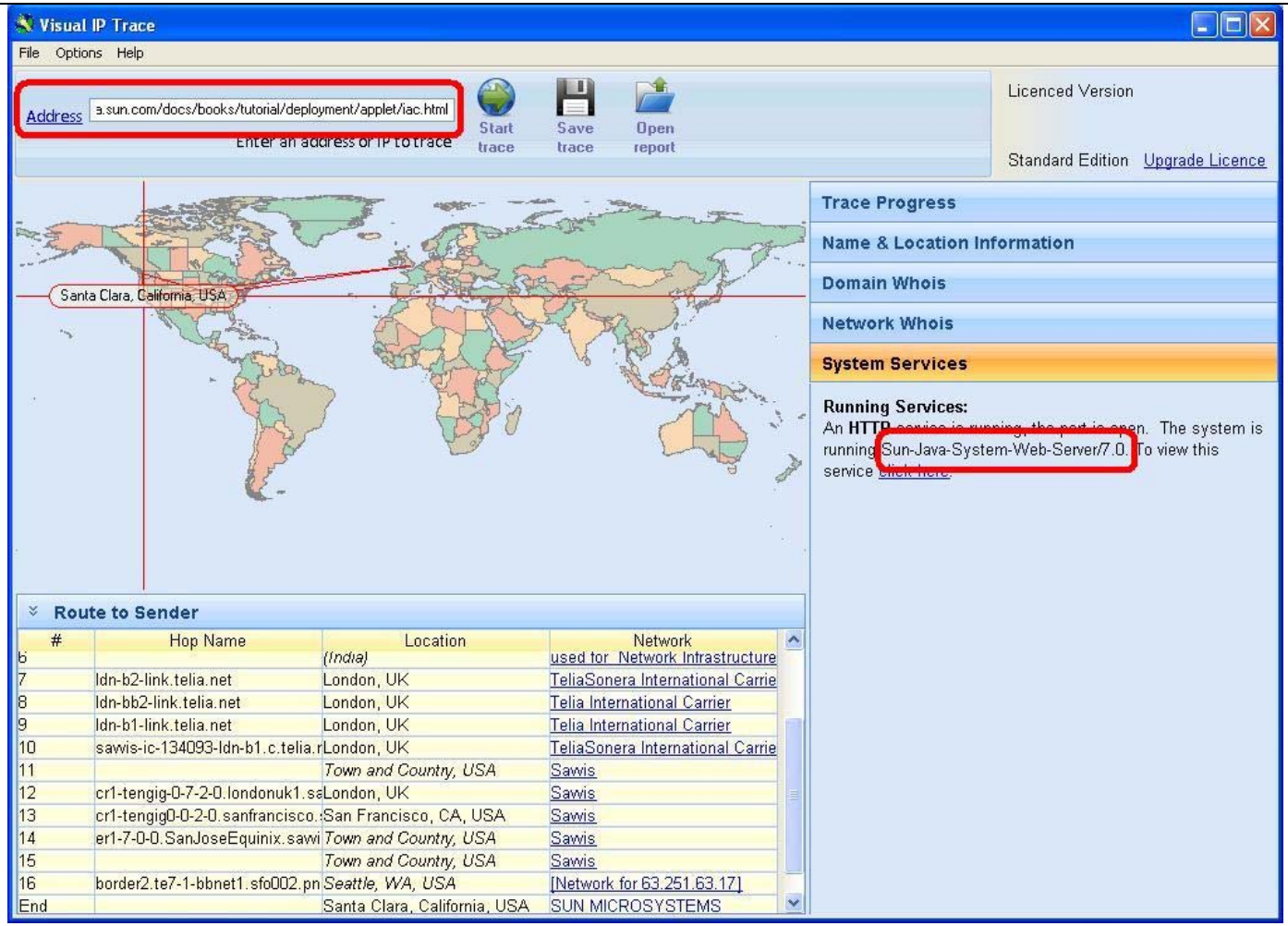
Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		

Source: *Visualware's Visual IP Trace 2009, http://www.visualiptrace.com/index.html*

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		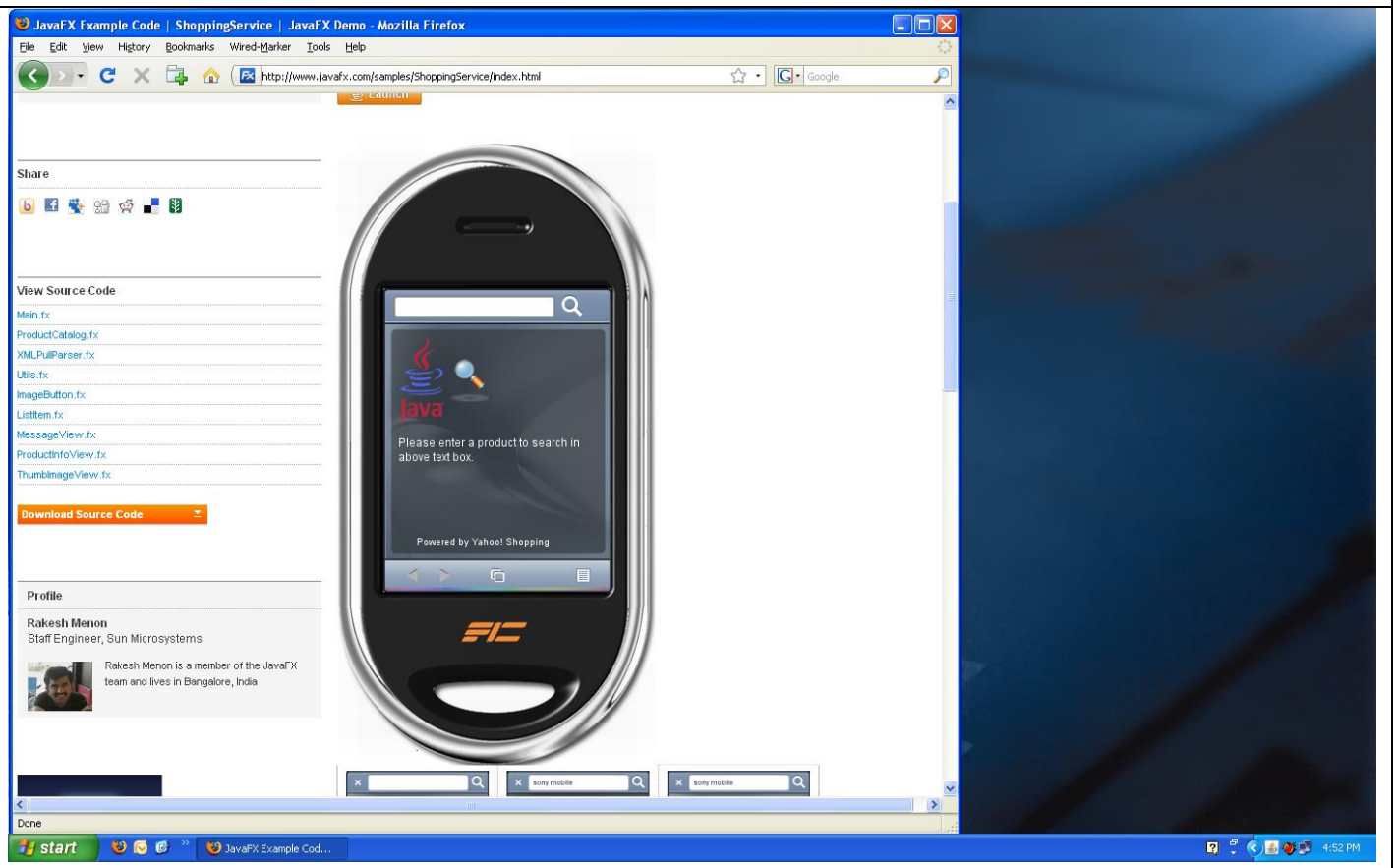 ***Source:*** *http://www.javafx.com/samples/ShoppingService/index.html*

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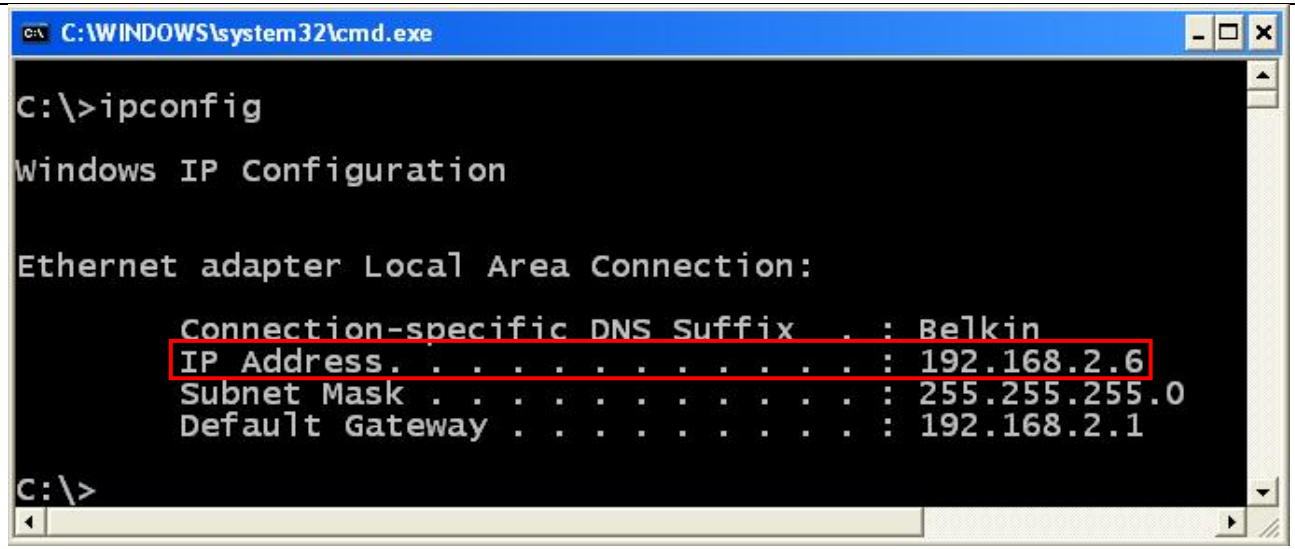
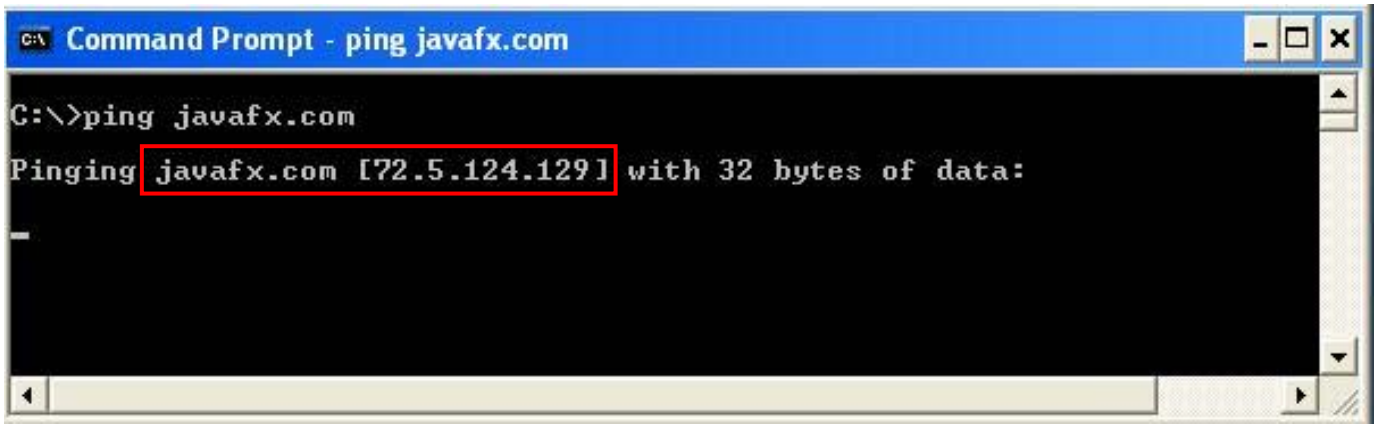
Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 ***Source:*** *Command "ipconfig", Command Prompt window*  ***Source:*** *Command "ping javafx.com", Command Prompt window*

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Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 Source: *Command "netstat -n", Command Prompt window*

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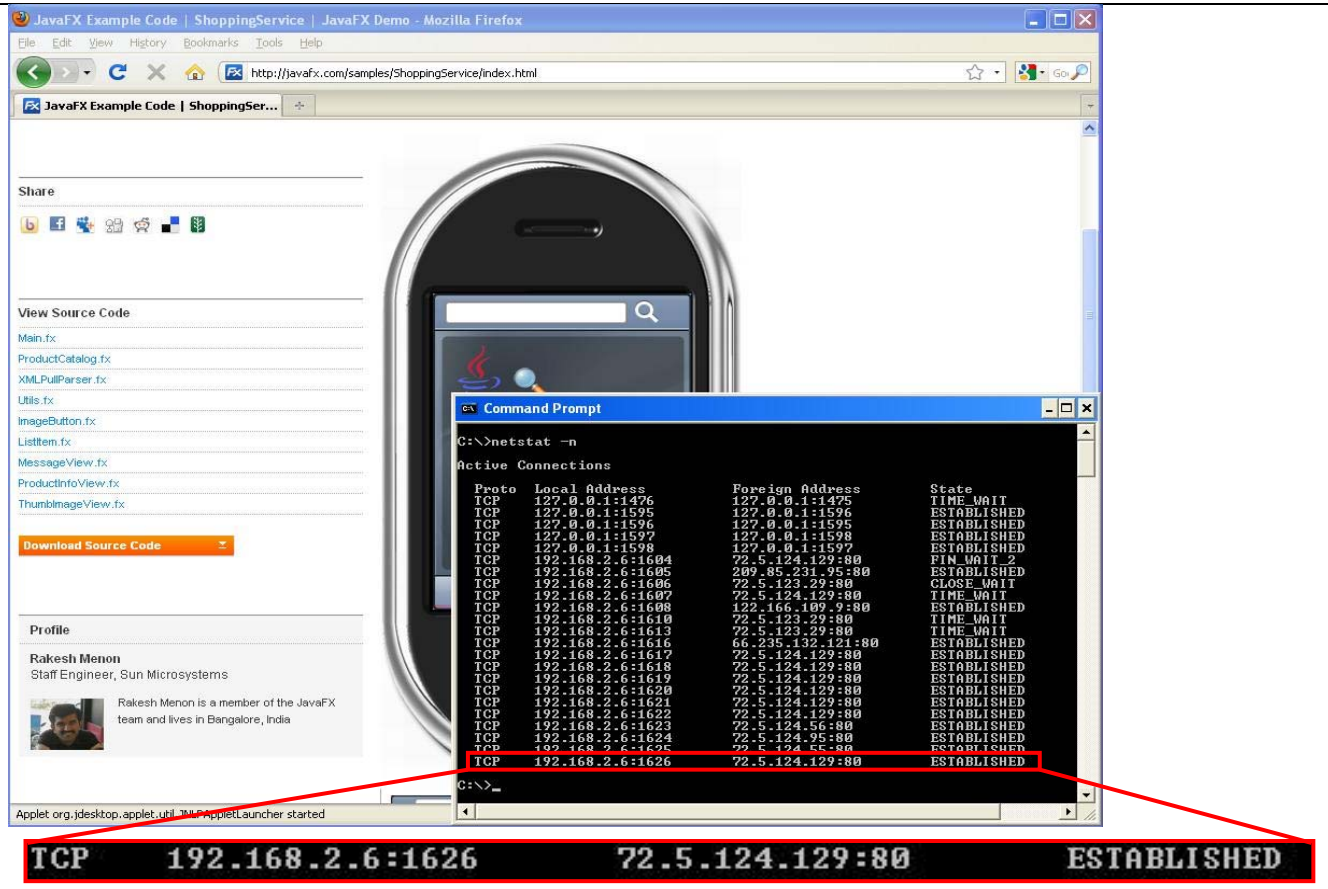
Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 ***Source:*** *Command "netstat -n", Command Prompt window, http://www.javafx.com/samples/ShoppingService/index.html*

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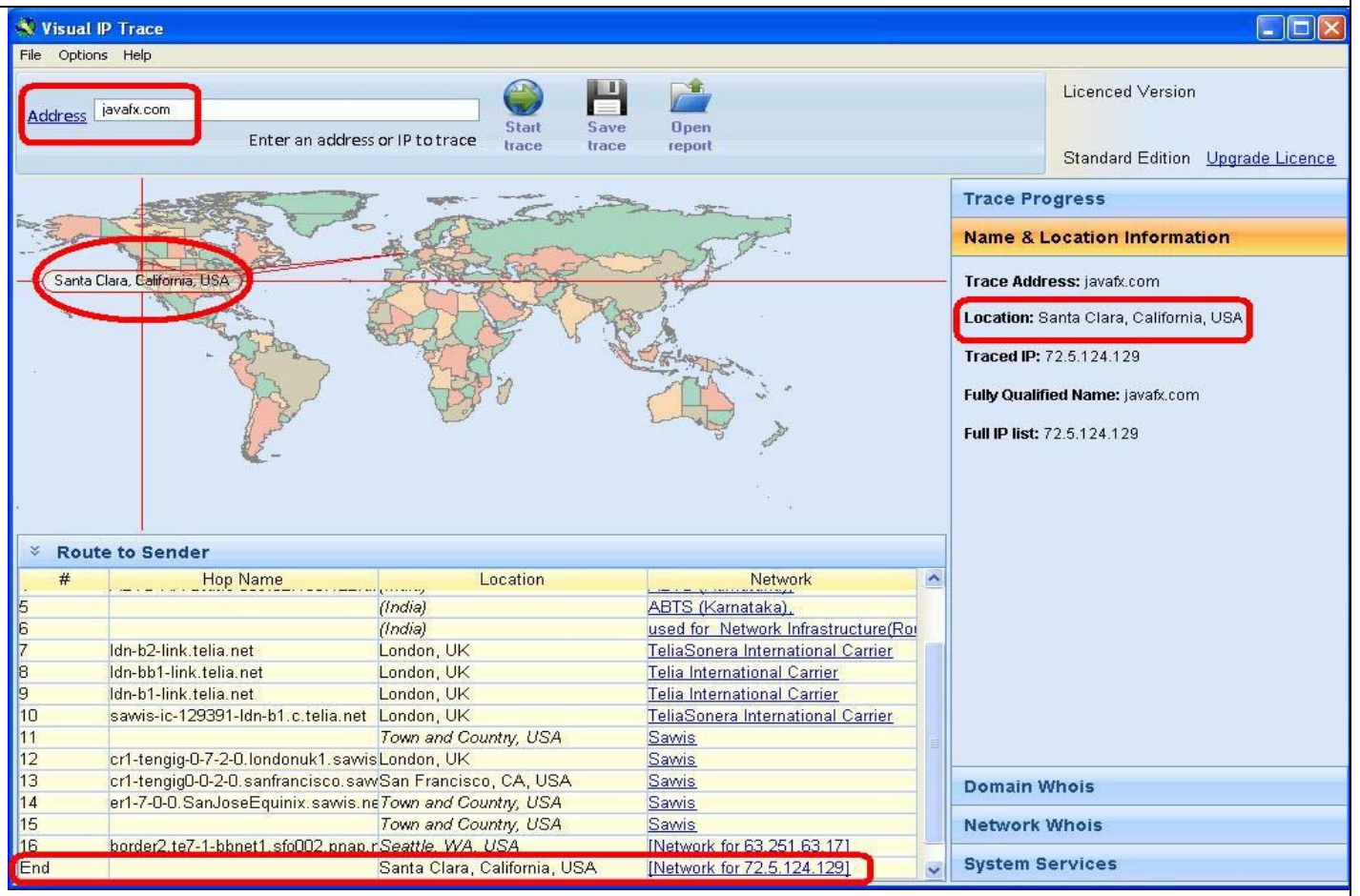
Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		

Source: *Visualware's Visual IP Trace 2009, http://www.visualiptrace.com/index.html*

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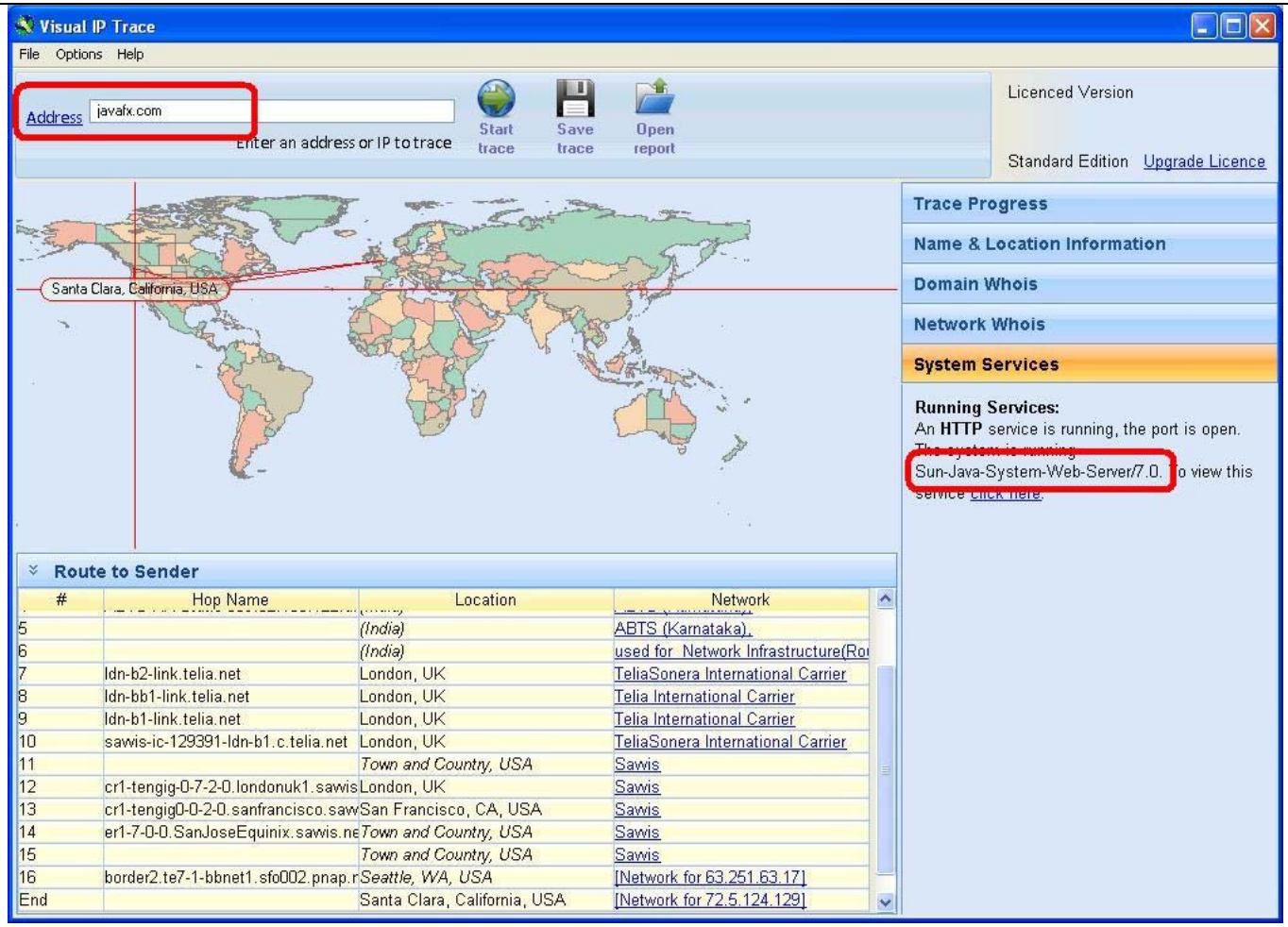
Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 ***Source:*** *Visualware's Visual IP Trace 2009, http://www.visualiptrace.com/index.html*
1b	executing, at said client workstation, a browser	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of

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Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	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;	communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that the browser 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. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use.

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Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites

```
<html>
   <head>
      <title>Sending Messages to Other Applets (The Java&amp;trade; Tutorials &amp;gt;
         Deployment &amp;gt; Applets)
</title>
...
   </head>
<body onload="load()">
   <div id=TopBar> <div id=TopBar_tr> <div id=TopBar_tl> <div id=TopBar_br> <div
id=TopBar_bl>
                  <div id=TopBar_right>
                     <a target="_blank"
                        href="http://java.sun.com/javase/6/download.jsp">Download
                        the JDK</a>
...
                  </div>
               </div> </div> </div> </div> </div>

   <div class=PrintHeaders>
      <b>Trail:</b> Deployment
      <br><b>Lesson:</b> Applets
      <br><b>Section:</b> Doing More With Applets
   </div>
...
   <script language="JavaScript" src="/js/omi/jsc/s_code_remote.js"></script></body>
</html>
```

Source: *Lines 2–641, Source code, HTML Document of webpage at URL* *http://java.sun.com/docs/books/tutorial/deployment/applet/iac.html*

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		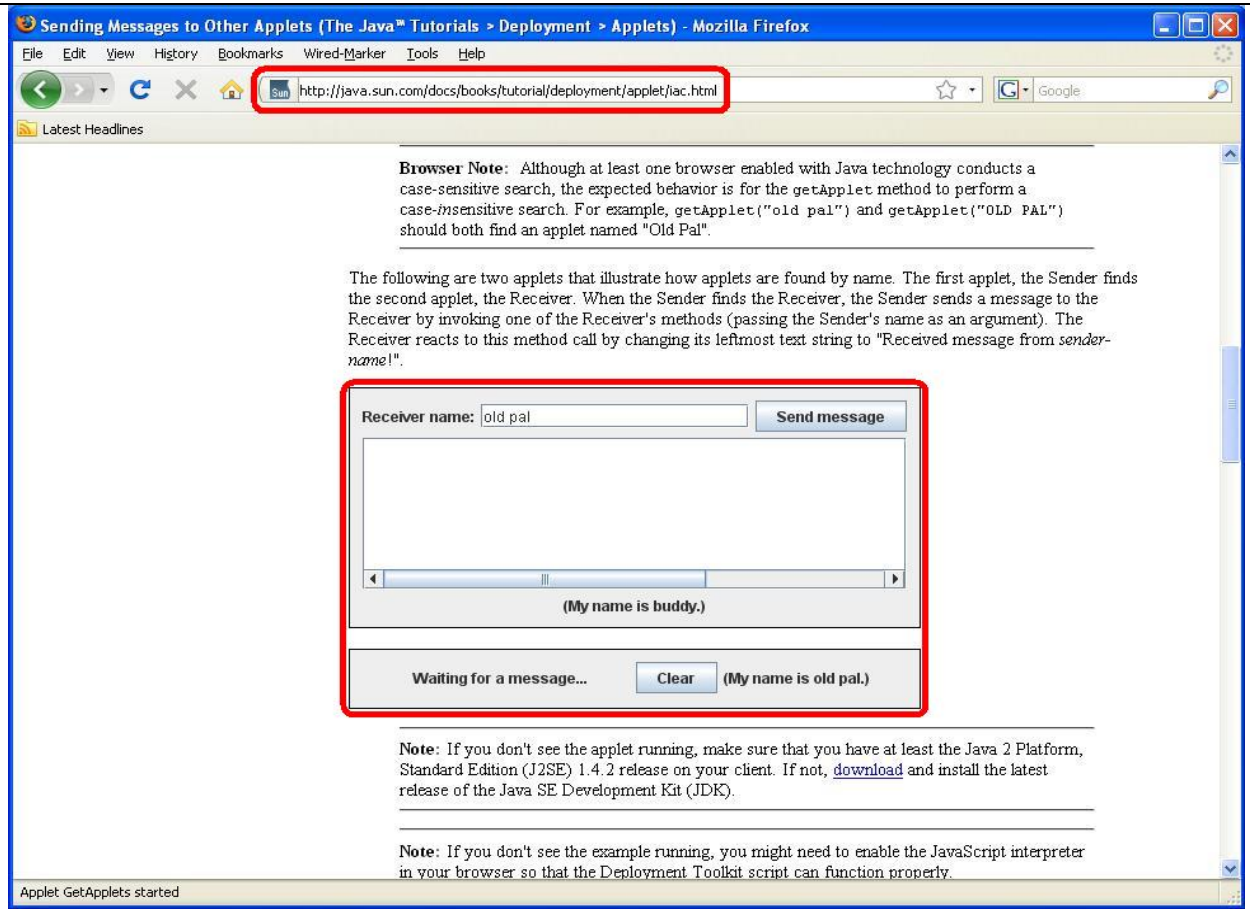

Source: *http://java.sun.com/docs/books/tutorial/deployment/applet/iac.html*

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Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		<html xmlns="http://www.w3.org/1999/xhtml" lang="en" xml:lang="en"> <head> <title>JavaFX Example Code | ShoppingService | JavaFX Demo</title> ... </head> ... <body id="tutorials"> ... Key FeaturesWeb Services Graphics API Animation Skill LevelintermediateLast UpdatedDecember 8, 2008 ... <img src="http://blogs.sun.com/rakeshmenonp/resource/images/photo.jpg">Rakesh Menon ... Shopping Service ... </body> </html> ***Source:*** *Lines 2–365, Source code, HTML Document of webpage at URL* *http://www.javafx.com/samples/ShoppingService/index.html*

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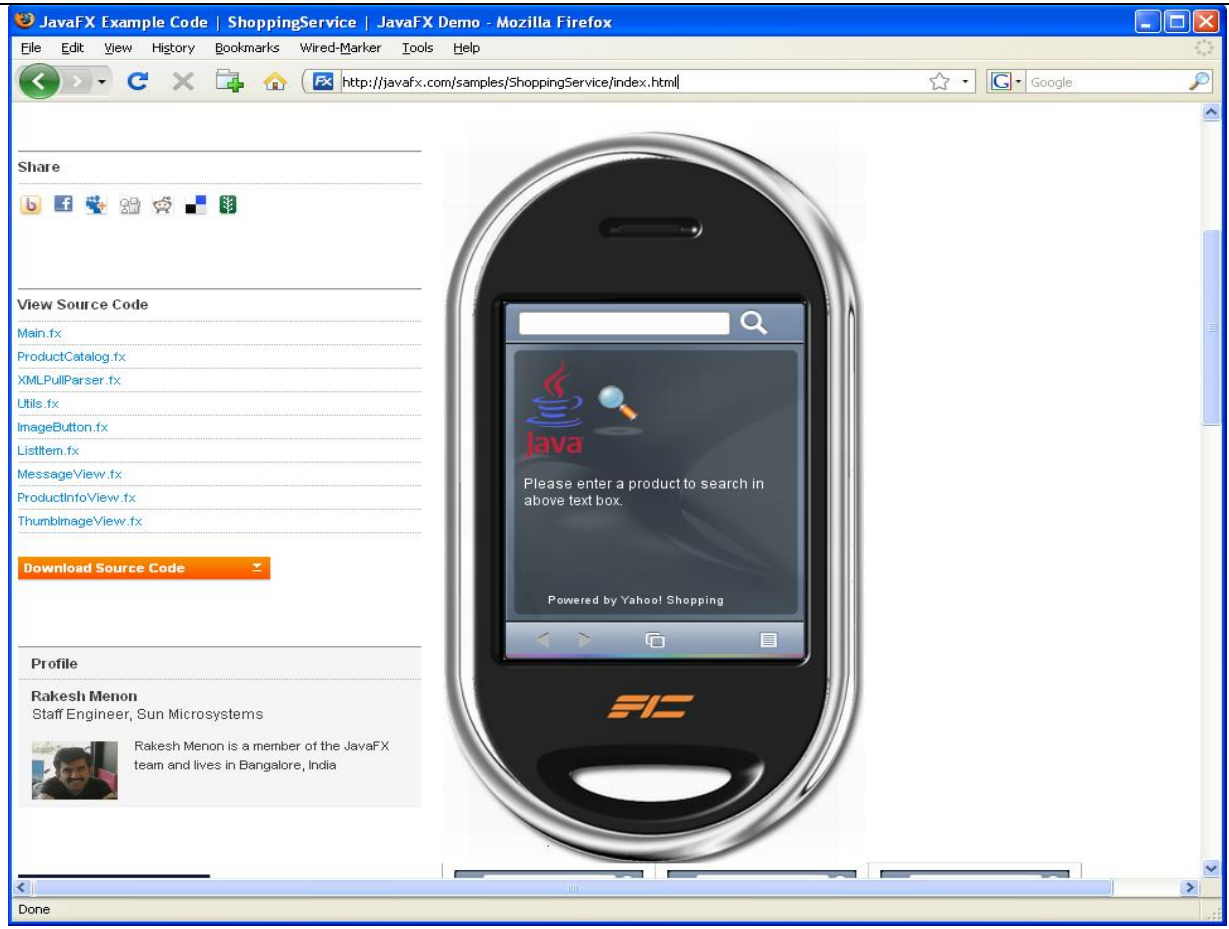
Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 ***Source:*** *http://www.javafx.com/samples/ShoppingService/index.html*
1c	utilizing said browser to display, on said client	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of

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	workstation, at least a portion of a first hypermedia document received over said network from said server, wherein the portion of said first hypermedia document is displayed within a first browser-controlled window on said client workstation,	communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that the browser displays, on said client workstation, at least a portion of a first hypermedia document received over said network from said server, wherein the portion of said first hypermedia document is displayed within a first browser-controlled window on said client workstation. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use.

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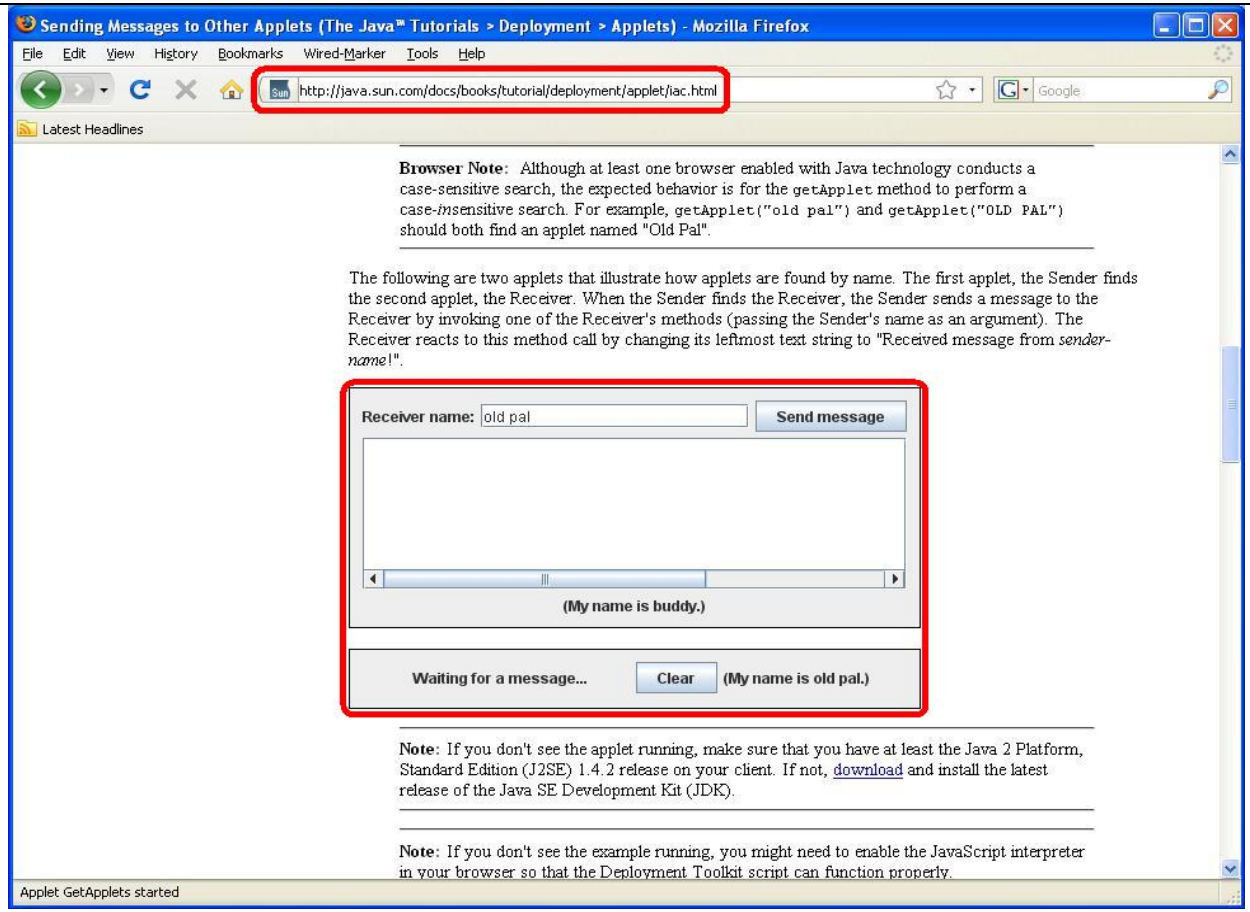
Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 ***Source:*** *http://java.sun.com/docs/books/tutorial/deployment/applet/iac.html*

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		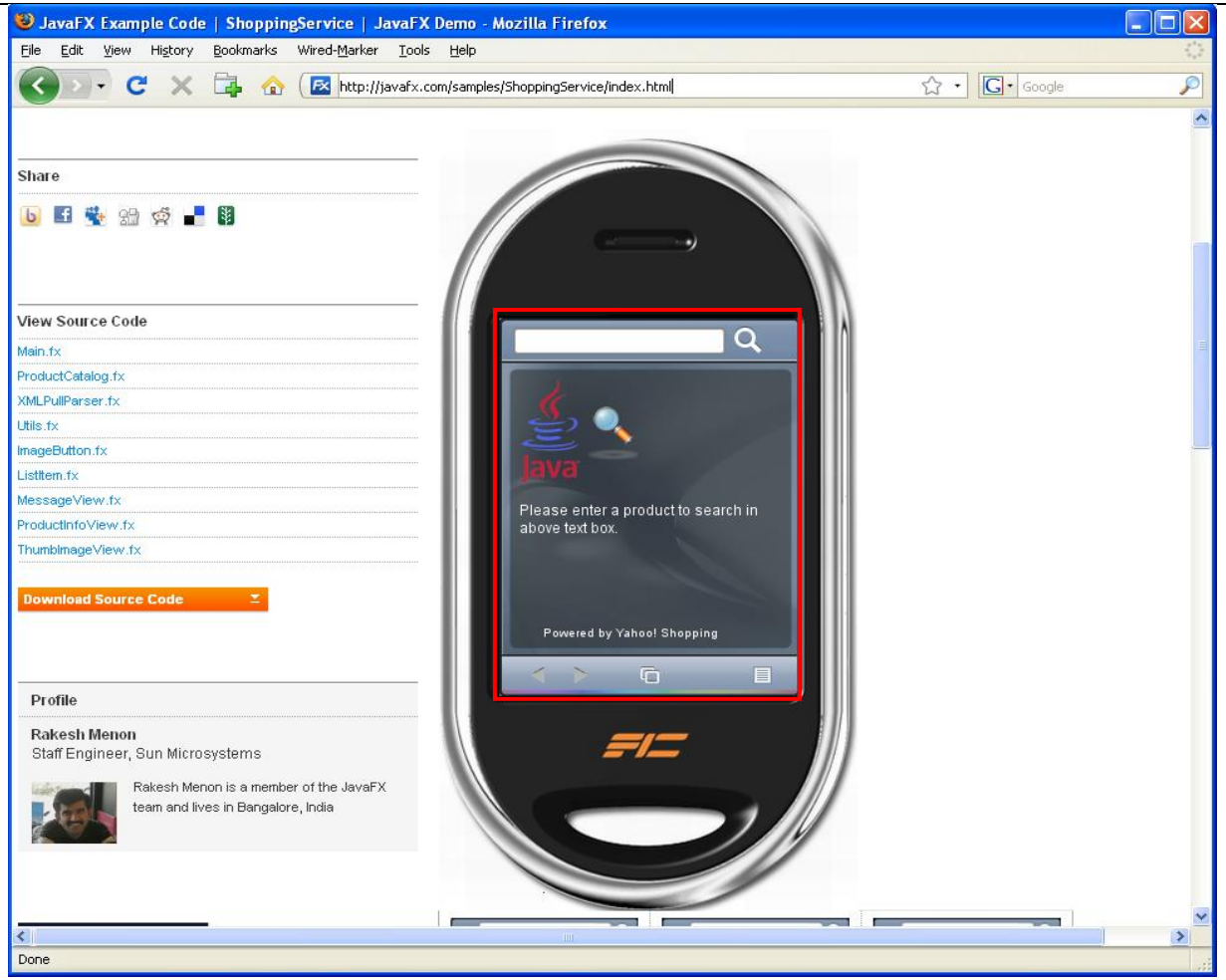 ***Source:*** *http://www.javafx.com/samples/ShoppingService/index.html*
1d	wherein said first distributed	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that

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	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,	includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that 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. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use.

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Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		<script src="http://www.java.com/js/deployJava.js"></script> <script> var attributes = { name:'buddy', code:'Sender.class', archive:'examples/dist/applet_SenderReceiver/applet_SenderReceiver.jar', width:450, height:200} ; var parameters = {receiverName:'old pal'} ; deployJava.runApplet(attributes, parameters, '1.4'); </script> ***Source:*** *Lines 423 - 430, Page Source of* *http://java.sun.com/docs/books/tutorial/deployment/applet/iac.html* <applet name="buddy" code="iac_files/Sender.htm" archive="iac_files/applet_SenderReceiver.jar" width="450" height="200"><param name="receiverName" value="old pal"><param name="codebase_lookup" value="false"></applet> ***Source:*** *Lines 427,* ***iac.html****, saved HTML source code of* *http://java.sun.com/docs/books/tutorial/deployment/applet/iac.html*

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Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites

		runApplet:function(attributes,parameters,minimumVersion){if(minimumVersion=='undefined'||minimumVersion==null){minimumVersion='1.1';}
		var regex="^(\\d+)(?:\\.(\\d+)(?:\\.(\\d+)(?:_(\\d+))?)?)?$";var matchData=minimumVersion.match(regex);if(deployJava.returnPage==null){deployJava.returnPage=document.location;}
		if(matchData!=null){var browser=deployJava.getBrowser();if((browser!='?')&&('Safari'!=deployJava.browserName2)){if(deployJava.versionCheck(minimumVersion+'+')){deployJava.writeAppletTag(attributes,parameters);}else
		if(deployJava.installJRE(minimumVersion+'+')){deployJava.refresh();location.href=document.location;deployJava.writeAppletTag(attributes,parameters);}}else{deployJava.writeAppletTag(attributes,parameters);}}else{if(deployJava.debug){alert('Invalid minimumVersion argument to runApplet():'+
		minimumVersion);}}},writeAppletTag:function(attributes,parameters){var s='<'+'applet ';var codeAttribute=false;for(var attribute in attributes){s+=(' '+attribute+'="'+attributes[attribute]+'"');if(attribute=='code'){codeAttribute=true;}}
		if(!codeAttribute){s+=(' code="dummy"');}
		s+='>';document.write(s);if(parameters!='undefined'&&parameters!=null){var codebaseParam=false;for(var parameter in parameters){if(parameter=='codebase_lookup'){codebaseParam=true;}
		s='<param name="'+parameter+'" value="'+
		parameters[parameter]+'">';document.write(s);}
		if(!codebaseParam){document.write('<param name="codebase_lookup" value="false">');}}
		document.write('<'+'/'+'applet'+'>');}
		Source: *Lines 11-20,* ***deployJava.js,*** *Javascript source code of webpage at URL* *http://java.sun.com/docs/books/tutorial/deployment/applet/iac.html*

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		<script>
		...
		javafx(
		{
		archive: "webstart/ShoppingService.jar,",
		width: 240,
		height: 320,
		code: "shoppingservice.Main",
		draggable: true,
		loading_image_url: "desc-resources/splash.gif",
		loading_image_width: 240,
		loading_image_height: 320,
		
		name: "appl"
		} , {
		yahoo_appid:
		"D_K3wOHV34EPFIcr0yS3VOV4LeCI66CW3Iwda49uJPLUFacYzeON9ESZLI1wHLZlAII-"
		}
		);
		}
		</script>
		Source: *Line 178 - 209, Source code, HTML Document of webpage at URL*
		http://www.javafx.com/samples/ShoppingService/index.html

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Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites

		javafxString:function(launchParams,appletParams){
		…
		var dtId="deployJavaApplet"+(++dtfxObject.overlayCount);
		params["deployJavaAppletID"]=dtId;
		var width=appletTagParams.width;
		var height=appletTagParams.height;
		…
		stringOutput+=tagLeadChar+"APPLET MAYSCRIPT"+carriageReturn;
		…
		stringOutput+=tagLeadChar+"/APPLET"+tagEndChar+carriageReturn;
		if(dtfxObject.fxOverlayEnabled()){stringOutput+=tagLeadChar+"/div"+tagEndChar+carriageRetur
		n;}
		return stringOutput;},
		…
		function javafx(launchParams,appletParams){var
		stringOutput=dtfxObject.javafxString(launchParams,appletParams);if(null!=stringOutput){docume
		nt.write(stringOutput);}}
		function javafxString(launchParams,appletParams){return
		dtfxObject.javafxString(launchParams,appletParams);}
		
		Source: *Lines 25-73,* ***dtfx.js,*** *Javascript source code of webpage at URL* *http://www.javafx.com/samples/ShoppingService/index.html*

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		"JavaFX uses dtfx.js which in turn uses deployJava.js to detect presence of java, the version of java on the system etc. Refer to Java Deployment Toolkit documentation for more information. So how does JavaFX deploys as Applet without using Applet tag? It indeed uses Applet tag, dtfx.js script generates the required Applet tag." ***Source:*** *http://blogs.sun.com/rakeshmenonp/entry/javafx_where_is_applet_tag*
1e	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,	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that 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. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use.

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Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		<script src="http://www.java.com/js/deployJava.js"></script> <script> var attributes = { name:'buddy', code:'Sender.class', archive:'examples/dist/applet_SenderReceiver/applet_SenderReceiver.jar', width:450, height:200} ; var parameters = {receiverName:'old pal'} ; deployJava.runApplet(attributes, parameters, '1.4'); </script> ***Source:*** *Lines 423 - 430, Page Source of* *http://java.sun.com/docs/books/tutorial/deployment/applet/iac.html* <applet name="buddy" code="iac_files/Sender.htm" archive="iac_files/applet_SenderReceiver.jar" width="450" height="200"><param name="receiverName" value="old pal"><param name="codebase_lookup" value="false"></applet> ***Source:*** *Lines 427,* ***iac.html****, saved HTML source code of* *http://java.sun.com/docs/books/tutorial/deployment/applet/iac.html*

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Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites

		runApplet:function(attributes,parameters,minimumVersion){if(minimumVersion=='undefined'||minimumVersion==null){minimumVersion='1.1';}
		var regex="^(\\d+)(?:\\.(\\d+)(?:\\.(\\d+)(?:_(\\d+))?)?)?$";var matchData=minimumVersion.match(regex);if(deployJava.returnPage==null){deployJava.returnPage=document.location;}
		if(matchData!=null){var browser=deployJava.getBrowser();if((browser!='?')&&('Safari'!=deployJava.browserName2)){if(deployJava.versionCheck(minimumVersion+'+')){deployJava.writeAppletTag(attributes,parameters);}else
		if(deployJava.installJRE(minimumVersion+'+')){deployJava.refresh();location.href=document.location;deployJava.writeAppletTag(attributes,parameters);}}else{deployJava.writeAppletTag(attributes,parameters);}}else{if(deployJava.debug){alert('Invalid minimumVersion argument to runApplet():'+
		minimumVersion);}}},writeAppletTag:function(attributes,parameters){var s='<'+'applet ';var codeAttribute=false;for(var attribute in attributes){s+=('+attribute+'="'+attributes[attribute]+'"');if(attribute=='code'){codeAttribute=true;}}
		if(!codeAttribute){s+=(' code="dummy"');}
		s+='>';document.write(s);if(parameters!='undefined'&&parameters!=null){var codebaseParam=false;for(var parameter in parameters){if(parameter=='codebase_lookup'){codebaseParam=true;}
		s='<param name="'+parameter+'" value="'+
		parameters[parameter]+'">';document.write(s);}
		if(!codebaseParam){document.write('<param name="codebase_lookup" value="false">');}}
		document.write('<'+'/'+'applet'+'>');}
		Source: *Lines 11-20,* ***deployJava.js,*** *Javascript source code of webpage at URL* *http://java.sun.com/docs/books/tutorial/deployment/applet/iac.html*

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites

```
<script>
...
   javafx(
      {
         archive: "webstart/ShoppingService.jar,",
         width: 240,
         height: 320,
         code: "shoppingservice.Main",
         draggable: true,
         loading_image_url: "desc-resources/splash.gif",
         loading_image_width: 240,
         loading_image_height: 320,

         name: "appl"
      } , {
         yahoo_appid:
"D_K3wOHV34EPFIcr0yS3VOV4LeCI66CW3Iwda49uJPLUFacYzeON9ESZLI1wHLZlAII-"
 }
   );
}
</script>
```

Source: *Line 178 - 209, Source code, HTML Document of webpage at URL*

http://www.javafx.com/samples/ShoppingService/index.html

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites

		javafxString:function(launchParams,appletParams){
		...
		var dtId="deployJavaApplet"+(++dtfxObject.overlayCount);
		params["deployJavaAppletID"]=dtId;
		var width=appletTagParams.width;
		var height=appletTagParams.height;
		...
		stringOutput+=tagLeadChar+"APPLET MAYSCRIPT"+carriageReturn;
		...
		stringOutput+=tagLeadChar+"/APPLET"+tagEndChar+carriageReturn;
		if(dtfxObject.fxOverlayEnabled()){stringOutput+=tagLeadChar+"/div"+tagEndChar+carriageRetur
		n;}
		return stringOutput;},
		...
		function javafx(launchParams,appletParams){var
		stringOutput=dtfxObject.javafxString(launchParams,appletParams);if(null!=stringOutput){docume
		nt.write(stringOutput);}}
		function javafxString(launchParams,appletParams){return
		dtfxObject.javafxString(launchParams,appletParams);}
		
		Source: *Lines 25-73,* ***dtfx.js,*** *Javascript source code of webpage at URL*
		http://www.javafx.com/samples/ShoppingService/index.html

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		"JavaFX uses dtfx.js which in turn uses deployJava.js to detect presence of java, the version of java on the system etc. Refer to Java Deployment Toolkit documentation for more information. So how does JavaFX deploys as Applet without using Applet tag? It indeed uses Applet tag, dtfx.js script generates the required Applet tag." ***Source:*** *http://blogs.sun.com/rakeshmenonp/entry/javafx_where_is_applet_tag*
1f	and 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	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that when said embed text format is parsed by said browser it automatically invokes said executable application to execute on said client workstation in order to display said object. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use.

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		<script src="http://www.java.com/js/deployJava.js"></script> <script> var attributes = { name:'buddy', code:'Sender.class', archive:'examples/dist/applet_SenderReceiver/applet_SenderReceiver.jar', width:450, height:200} ; var parameters = {receiverName:'old pal'} ; deployJava.runApplet(attributes, parameters, '1.4'); </script> ***Source:*** *Lines 423 - 430, Page Source of* *http://java.sun.com/docs/books/tutorial/deployment/applet/iac.html* <applet name="buddy" code="iac_files/Sender.htm" archive="iac_files/applet_SenderReceiver.jar" width="450" height="200"><param name="receiverName" value="old pal"><param name="codebase_lookup" value="false"></applet> ***Source:*** *Lines 427,* ***iac.html****, saved HTML source code of* *http://java.sun.com/docs/books/tutorial/deployment/applet/iac.html*

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites

		runApplet:function(attributes,parameters,minimumVersion){if(minimumVersion=='undefined'||minimumVersion==null){minimumVersion='1.1';}
		var regex="^(\\d+)(?:\\.(\\d+)(?:\\.(\\d+)(?:_(\\d+))?)?)?$";var matchData=minimumVersion.match(regex);if(deployJava.returnPage==null){deployJava.returnPage=document.location;}
		if(matchData!=null){var browser=deployJava.getBrowser();if((browser!='?')&&('Safari'!=deployJava.browserName2)){if(deployJava.versionCheck(minimumVersion+'+')){deployJava.writeAppletTag(attributes,parameters);}else
		if(deployJava.installJRE(minimumVersion+'+')){deployJava.refresh();location.href=document.location;deployJava.writeAppletTag(attributes,parameters);}}else{deployJava.writeAppletTag(attributes,parameters);}}else{if(deployJava.debug){alert('Invalid minimumVersion argument to runApplet():'+
		minimumVersion);}}},writeAppletTag:function(attributes,parameters){var s='<'+'applet ';var codeAttribute=false;for(var attribute in attributes){s+=(' '+attribute+'="'+attributes[attribute]+'"');if(attribute=='code'){codeAttribute=true;}}
		if(!codeAttribute){s+=(' code="dummy"');}
		s+='>';document.write(s);if(parameters!='undefined'&&parameters!=null){var codebaseParam=false;for(var parameter in parameters){if(parameter=='codebase_lookup'){codebaseParam=true;}
		s='<param name="'+parameter+'" value="'+
		parameters[parameter]+'">';document.write(s);}
		if(!codebaseParam){document.write('<param name="codebase_lookup" value="false">');}}
		document.write('<'+'/'+'applet'+'>');}
		Source: *Lines 11-20,* ***deployJava.js,*** *Javascript source code of webpage at URL* *http://java.sun.com/docs/books/tutorial/deployment/applet/iac.html*

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites

		<script>
		...
		javafx(
		{
		archive: "webstart/ShoppingService.jar,",
		width: 240,
		height: 320,
		code: "shoppingservice.Main",
		draggable: true,
		loading_image_url: "desc-resources/splash.gif",
		loading_image_width: 240,
		loading_image_height: 320,
		
		name: "appl"
		} , {
		yahoo_appid:
		"D_K3wOHV34EPFIcr0yS3VOV4LeCI66CW3Iwda49uJPLUFacYzeON9ESZLI1wHLZlAII-"
		}
		);
		}
		</script>
		Source: *Line 178 - 209, Source code, HTML Document of webpage at URL*
		http://www.javafx.com/samples/ShoppingService/index.html

* Allegation not limited to the browser in use

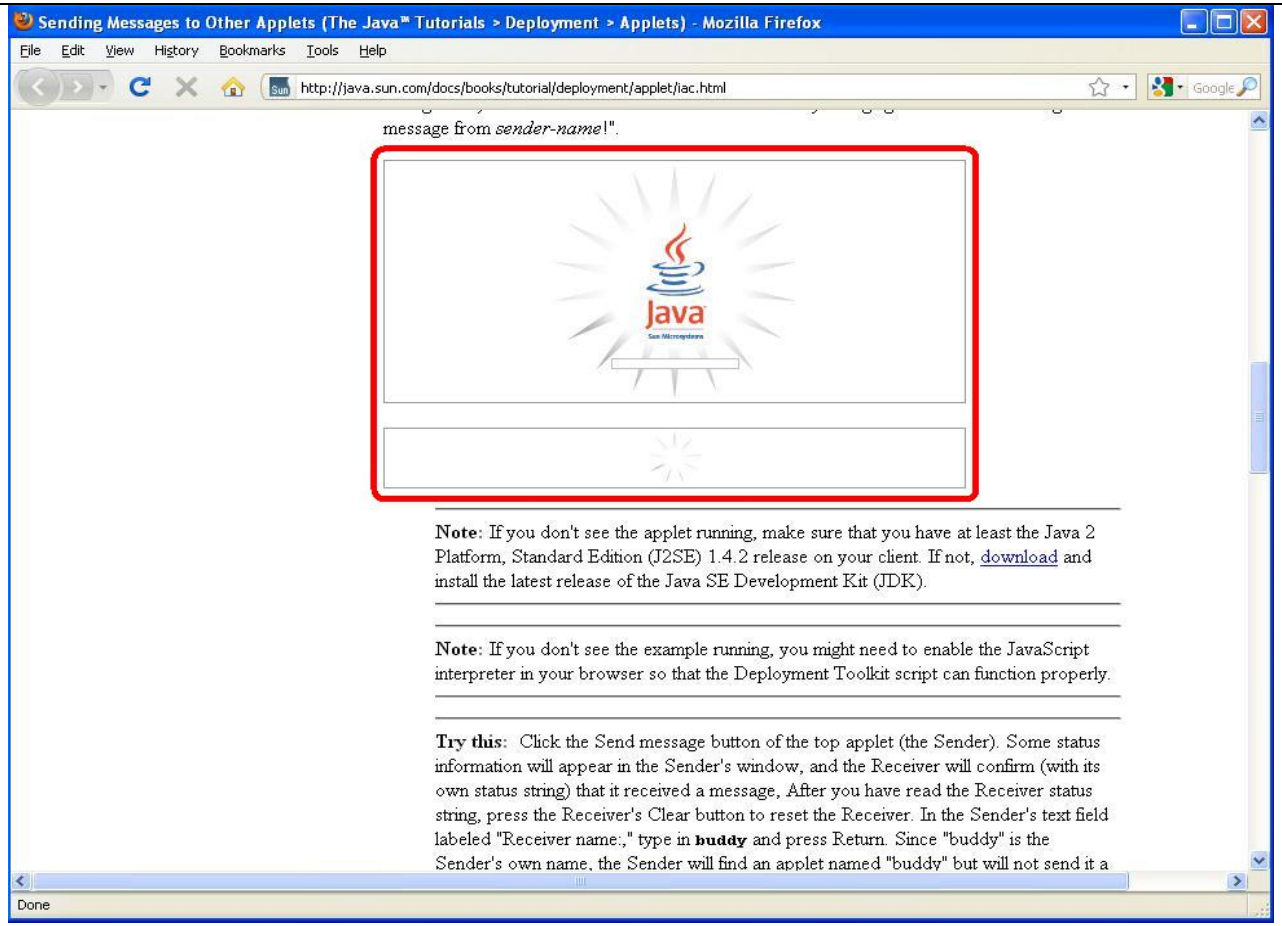
Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites

		javafxString:function(launchParams,appletParams){
		…
		var dtId="deployJavaApplet"+(++dtfxObject.overlayCount);
		params["deployJavaAppletID"]=dtId;
		var width=appletTagParams.width;
		var height=appletTagParams.height;
		…
		stringOutput+=tagLeadChar+"APPLET MAYSCRIPT"+carriageReturn;
		…
		stringOutput+=tagLeadChar+"/APPLET"+tagEndChar+carriageReturn;
		if(dtfxObject.fxOverlayEnabled()){stringOutput+=tagLeadChar+"/div"+tagEndChar+carriageReturn;}
		return stringOutput;},
		…
		function javafx(launchParams,appletParams){var stringOutput=dtfxObject.javafxString(launchParams,appletParams);if(null!=stringOutput){document.write(stringOutput);}}
		function javafxString(launchParams,appletParams){return dtfxObject.javafxString(launchParams,appletParams);}
		Source: *Lines 25-73,* ***dtfx.js,*** *Javascript source code of webpage at URL*
		http://www.javafx.com/samples/ShoppingService/index.html

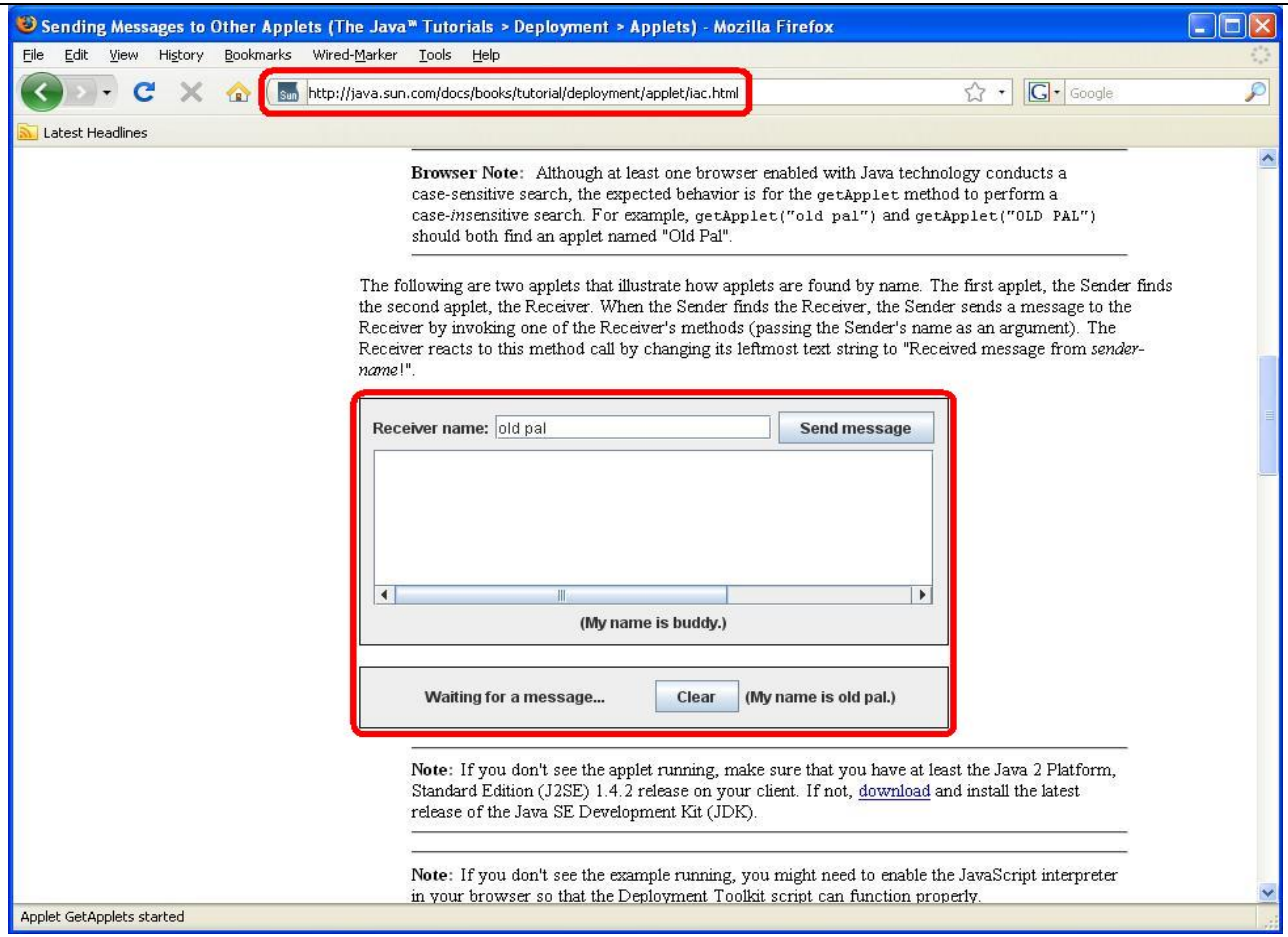
* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		"JavaFX uses dtfx.js which in turn uses deployJava.js to detect presence of java, the version of java on the system etc. Refer to Java Deployment Toolkit documentation for more information. So how does JavaFX deploys as Applet without using Applet tag? It indeed uses Applet tag, dtfx.js script generates the required Applet tag." ***Source:*** *http://blogs.sun.com/rakeshmenonp/entry/javafx_where_is_applet_tag*

* Allegation not limited to the browser in use

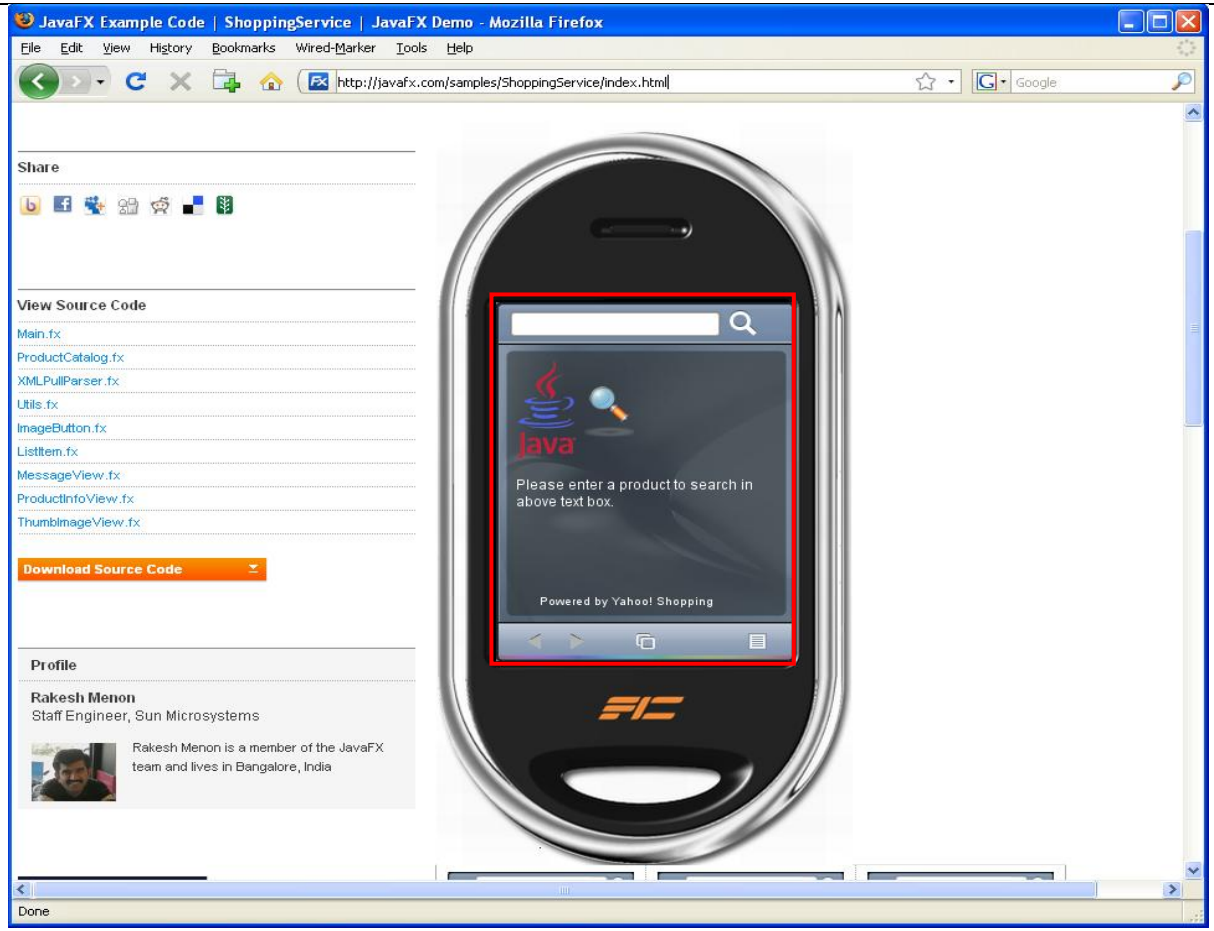
Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 ***Source:*** *http://java.sun.com/docs/books/tutorial/deployment/applet/iac.html*

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		

Source: *http://java.sun.com/docs/books/tutorial/deployment/applet/iac.html*

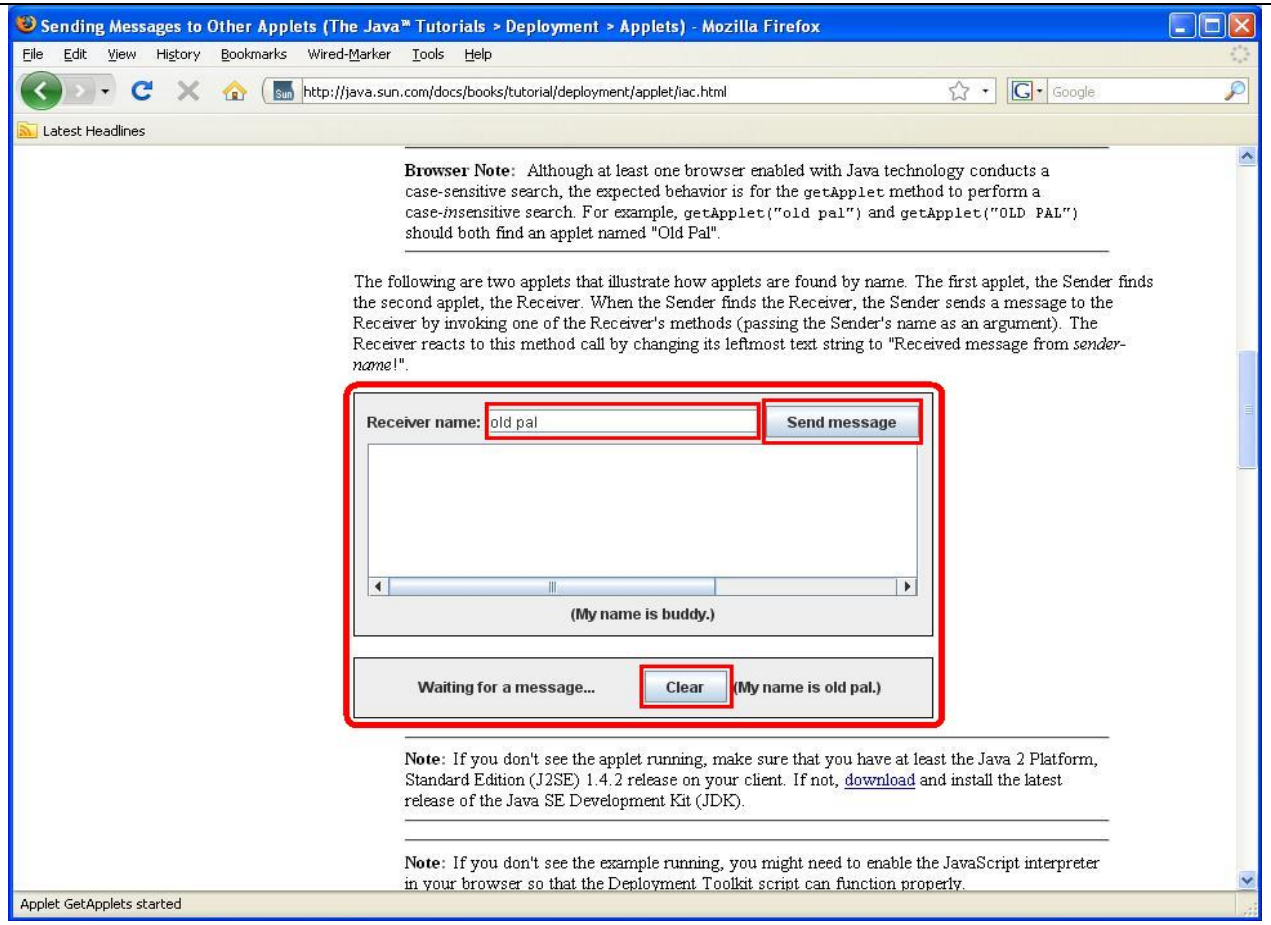
* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 ***Source:*** *http://www.javafx.com/samples/ShoppingService/index.html*
1g	and enable an end-user to directly interact with said	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	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.	communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that an end-user is enabled 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. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use.

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 ***Source:*** *http://java.sun.com/docs/books/tutorial/deployment/applet/iac.html*

* Allegation not limited to the browser in use

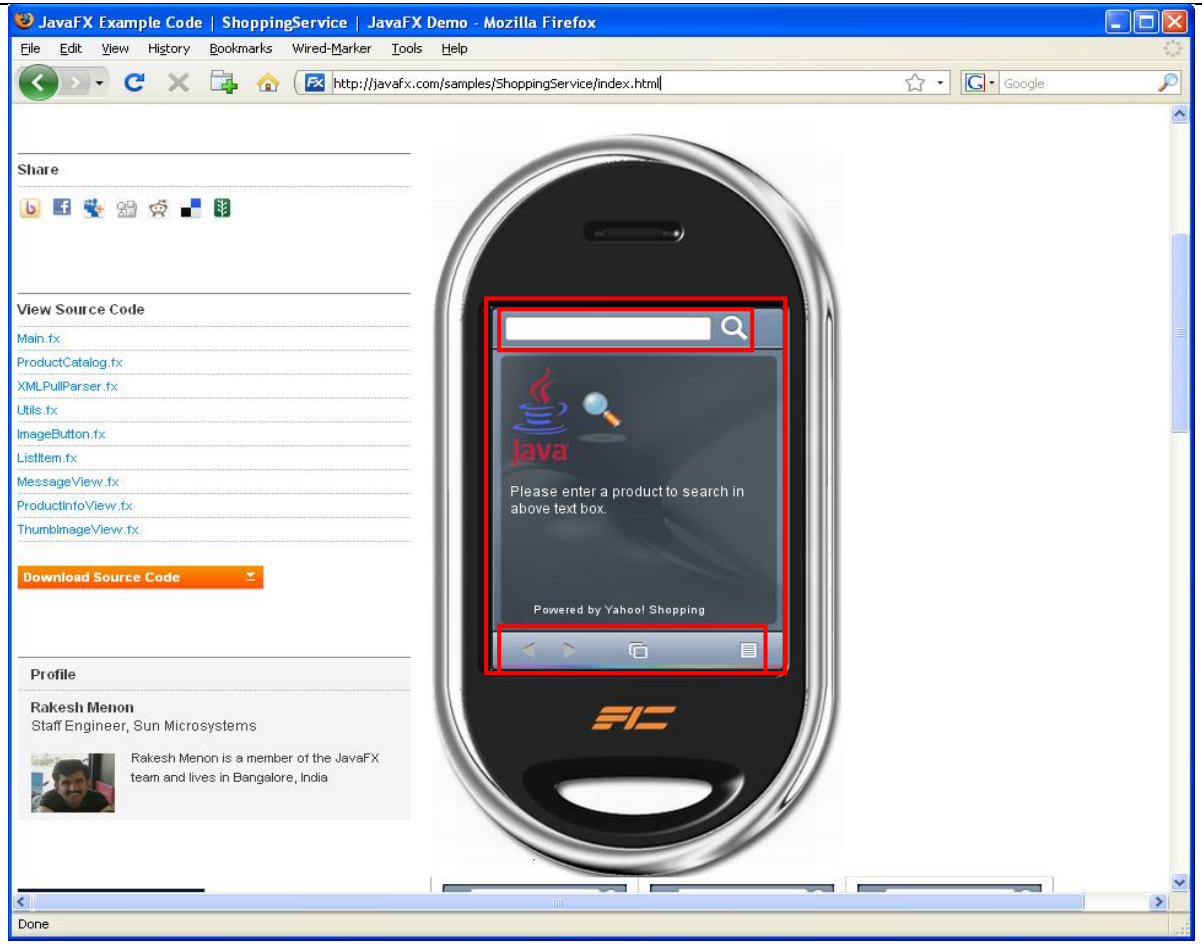
Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		<script src="http://www.java.com/js/deployJava.js"></script> <script> var attributes = { name:'buddy', code:'Sender.class', archive:'examples/dist/applet_SenderReceiver/applet_SenderReceiver.jar', width:450, height:200} ; var parameters = {receiverName:'old pal'} ; deployJava.runApplet(attributes, parameters, '1.4'); </script> ***Source:*** *Lines 423 - 430, Page Source of* *http://java.sun.com/docs/books/tutorial/deployment/applet/iac.html* <applet name="buddy" code="iac_files/Sender.htm" archive="iac_files/applet_SenderReceiver.jar" width="450" height="200"><param name="receiverName" value="old pal"><param name="codebase_lookup" value="false"></applet> ***Source:*** *Lines 427,* ***iac.html****, saved HTML source code of* *http://java.sun.com/docs/books/tutorial/deployment/applet/iac.html*

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites

		runApplet:function(attributes,parameters,minimumVersion){if(minimumVersion=='undefined'||minimumVersion==null){minimumVersion='1.1';}
		var regex="^(\\d+)(?:\\.(\\d+)(?:\\.(\\d+)(?:_(\\d+))?)?)?$";var matchData=minimumVersion.match(regex);if(deployJava.returnPage==null){deployJava.returnPage=document.location;}
		if(matchData!=null){var browser=deployJava.getBrowser();if((browser!='?')&&('Safari'!=deployJava.browserName2)){if(deployJava.versionCheck(minimumVersion+'+')){deployJava.writeAppletTag(attributes,parameters);}else
		if(deployJava.installJRE(minimumVersion+'+')){deployJava.refresh();location.href=document.location;deployJava.writeAppletTag(attributes,parameters);}}else{deployJava.writeAppletTag(attributes,parameters);}}else{if(deployJava.debug){alert('Invalid minimumVersion argument to runApplet():'+
		minimumVersion);}}},writeAppletTag:function(attributes,parameters){var s='<'+'applet ';var codeAttribute=false;for(var attribute in attributes){s+=(' '+attribute+'="'+attributes[attribute]+'"');if(attribute=='code'){codeAttribute=true;}}
		if(!codeAttribute){s+=(' code="dummy"');}
		s+='>';document.write(s);if(parameters!='undefined'&&parameters!=null){var codebaseParam=false;for(var parameter in parameters){if(parameter=='codebase_lookup'){codebaseParam=true;}
		s='<param name="'+parameter+'" value="'+
		parameters[parameter]+'">';document.write(s);}
		if(!codebaseParam){document.write('<param name="codebase_lookup" value="false">');}}
		document.write('<'+'/'+'applet'+'>');}
		Source: *Lines 11-20,* ***deployJava.js,*** *Javascript source code of webpage at URL* *http://java.sun.com/docs/books/tutorial/deployment/applet/iac.html*

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 ***Source:*** *http://www.javafx.com/samples/ShoppingService/index.html*

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites

		<script>
		...
		javafx(
		{
		archive: "webstart/ShoppingService.jar,",
		width: 240,
		height: 320,
		code: "shoppingservice.Main",
		draggable: true,
		loading_image_url: "desc-resources/splash.gif",
		loading_image_width: 240,
		loading_image_height: 320,
		
		name: "appl"
		} , {
		yahoo_appid:
		"D_K3wOHV34EPFIcr0yS3VOV4LeCI66CW3Iwda49uJPLUFacYzeON9ESZLI1wHLZlAII-"
		}
		);
		}
		</script>
		Source: *Line 178 - 209, Source code, HTML Document of webpage at URL*
		http://www.javafx.com/samples/ShoppingService/index.html

* Allegation not limited to the browser in use

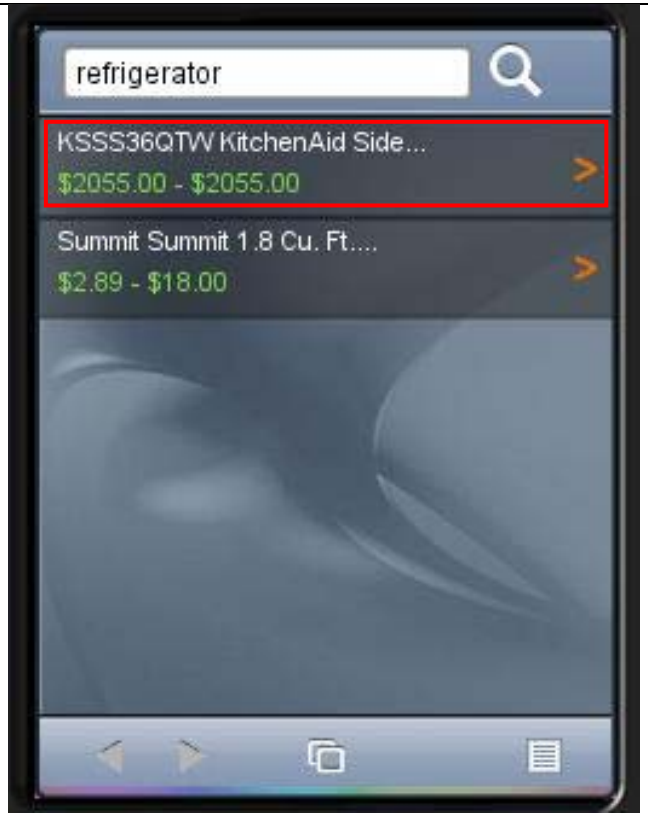
Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites

		javafxString:function(launchParams,appletParams){
		…
		var dtId="deployJavaApplet"+(++dtfxObject.overlayCount);
		params["deployJavaAppletID"]=dtId;
		var width=appletTagParams.width;
		var height=appletTagParams.height;
		…
		stringOutput+=tagLeadChar+"APPLET MAYSCRIPT"+carriageReturn;
		…
		stringOutput+=tagLeadChar+"/APPLET"+tagEndChar+carriageReturn;
		if(dtfxObject.fxOverlayEnabled()){stringOutput+=tagLeadChar+"/div"+tagEndChar+carriageRetur
		n;}
		return stringOutput;},
		…
		function javafx(launchParams,appletParams){var
		stringOutput=dtfxObject.javafxString(launchParams,appletParams);if(null!=stringOutput){docume
		nt.write(stringOutput);}}
		function javafxString(launchParams,appletParams){return
		dtfxObject.javafxString(launchParams,appletParams);}
		
		Source: *Lines 25-73,* ***dtfx.js,*** *Javascript source code of webpage at URL*
		http://www.javafx.com/samples/ShoppingService/index.html

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		"JavaFX uses dtfx.js which in turn uses deployJava.js to detect presence of java, the version of java on the system etc. Refer to Java Deployment Toolkit documentation for more information. So how does JavaFX deploys as Applet without using Applet tag? It indeed uses Applet tag, dtfx.js script generates the required Applet tag." ***Source:*** *http://blogs.sun.com/rakeshmenonp/entry/javafx_where_is_applet_tag*

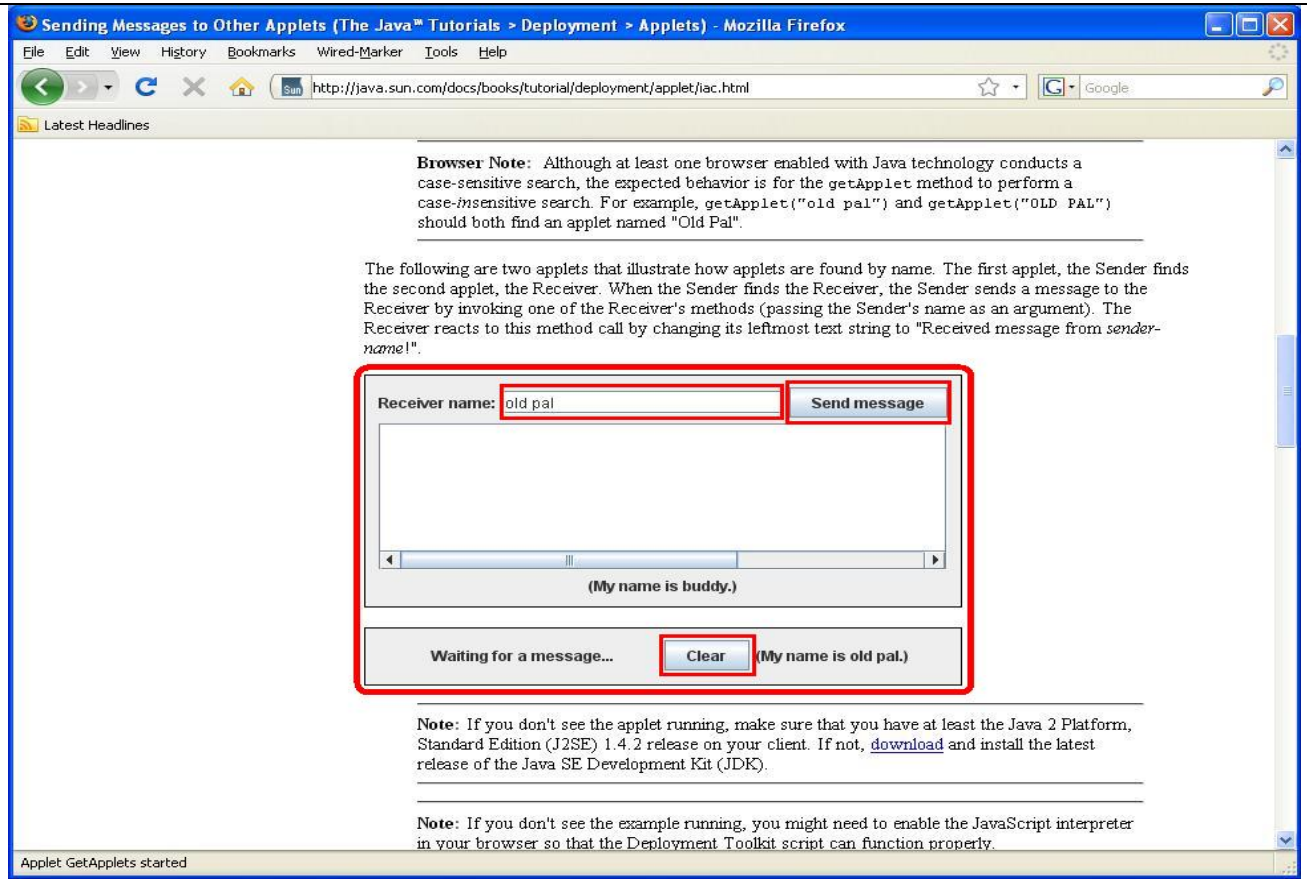
* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 ***Source:*** *http://www.javafx.com/samples/ShoppingService/index.html*
2pre	The method of claim 1, wherein said executable	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers which further comprises the method of claim 1, said

* Allegation not limited to the browser in use

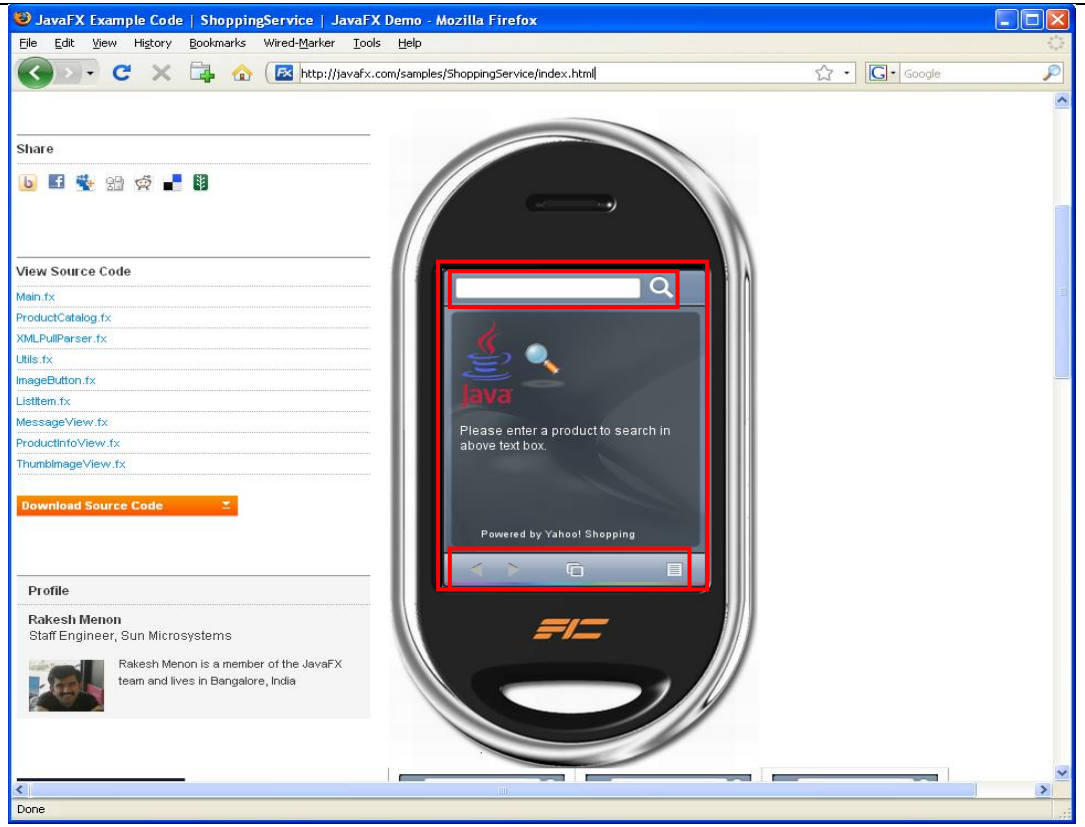
Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	application is a controllable application and further comprising the step of:	executable application is a controllable application and further comprises the following steps. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use.

* Allegation not limited to the browser in use

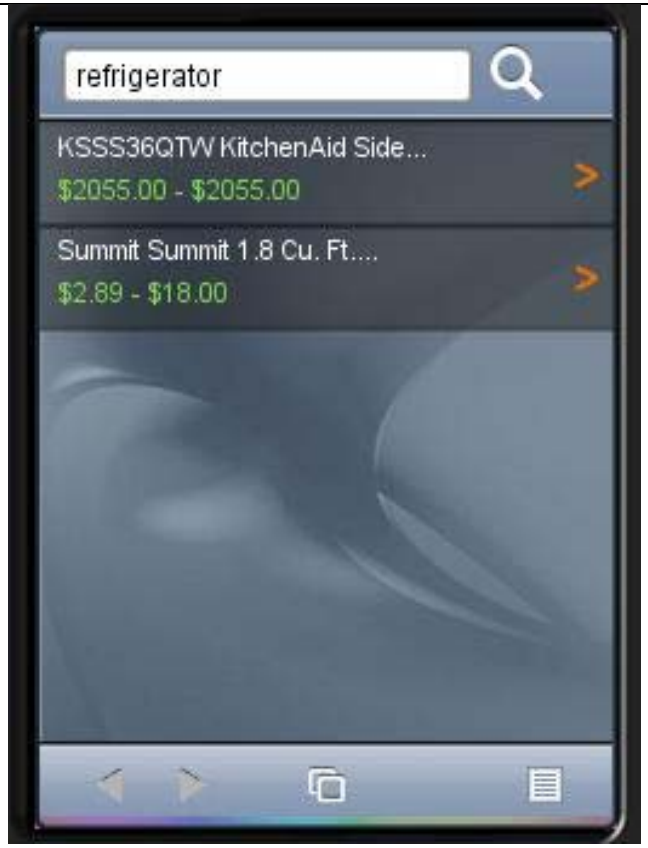
Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		

Source: *http://java.sun.com/docs/books/tutorial/deployment/applet/iac.html*

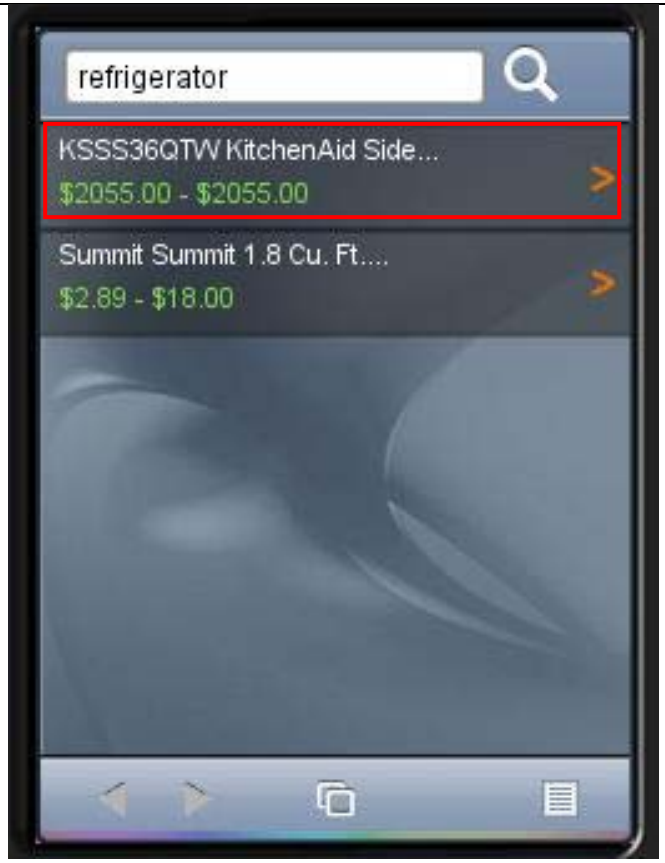
* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 ***Source:*** *http://www.javafx.com/samples/ShoppingService/index.html*

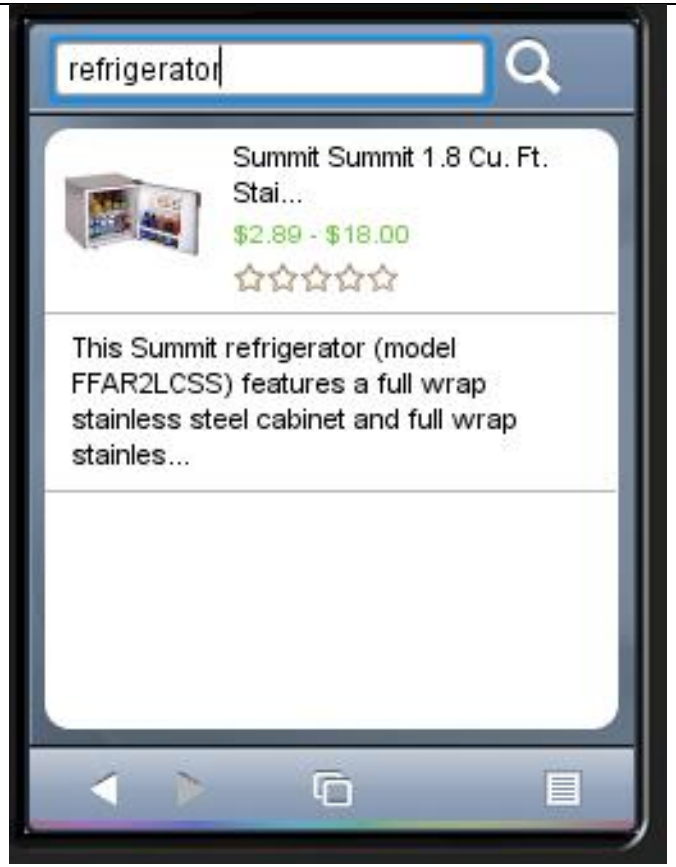
* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 ***Source:*** *http://www.javafx.com/samples/ShoppingService/index.html*

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 ***Source:*** *http://www.javafx.com/samples/ShoppingService/index.html*

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 ***Source:*** *http://www.javafx.com/samples/ShoppingService/index.html*

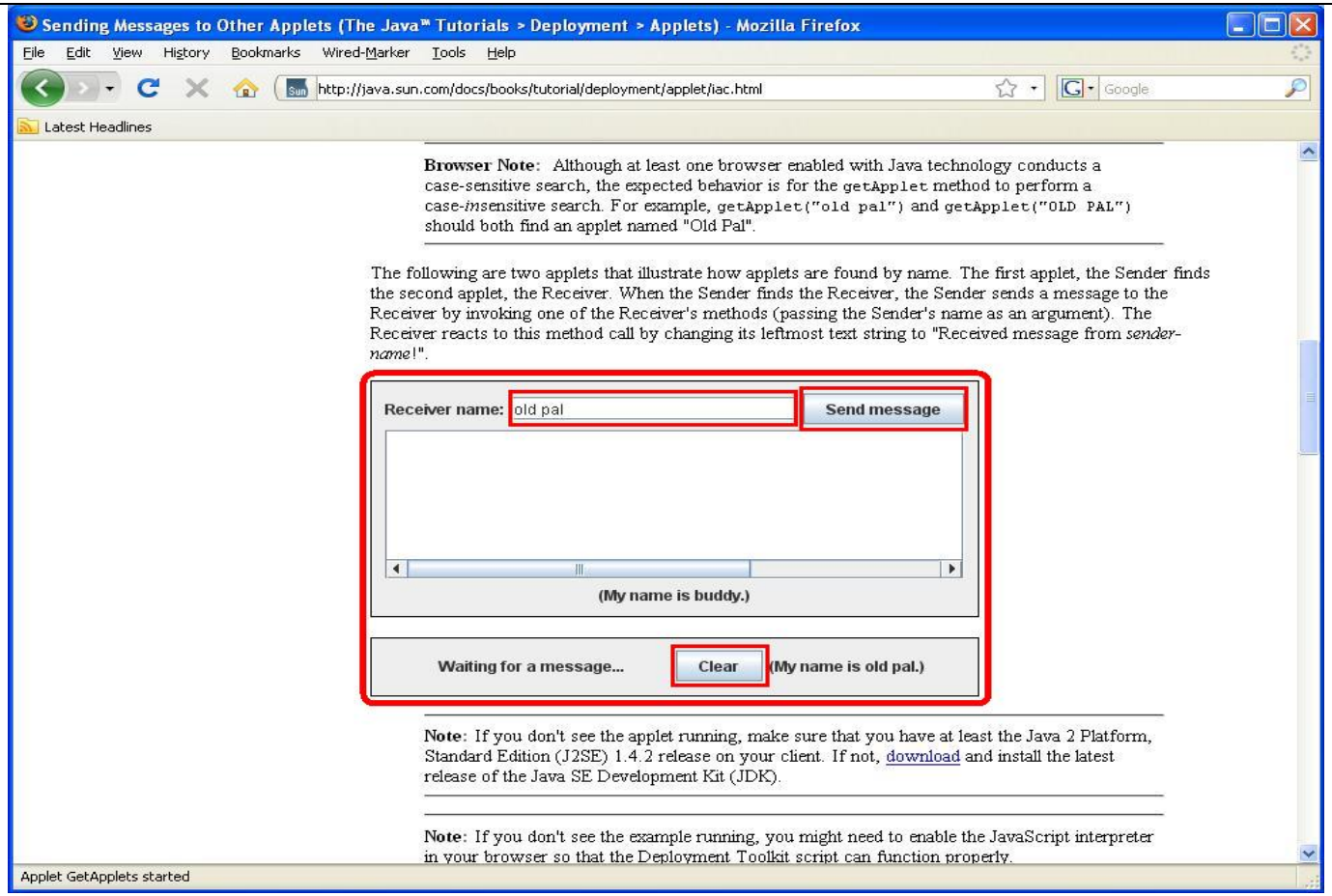
* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 Source: *http://www.javafx.com/samples/ShoppingService/index.html*
2a	interactively controlling said controllable	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	application on said client workstation via inter-process communications between said browser and said controllable application.	communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that there is interactive control of said controllable application on said client workstation via inter-process communications between said browser and said controllable application. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use.

* Allegation not limited to the browser in use

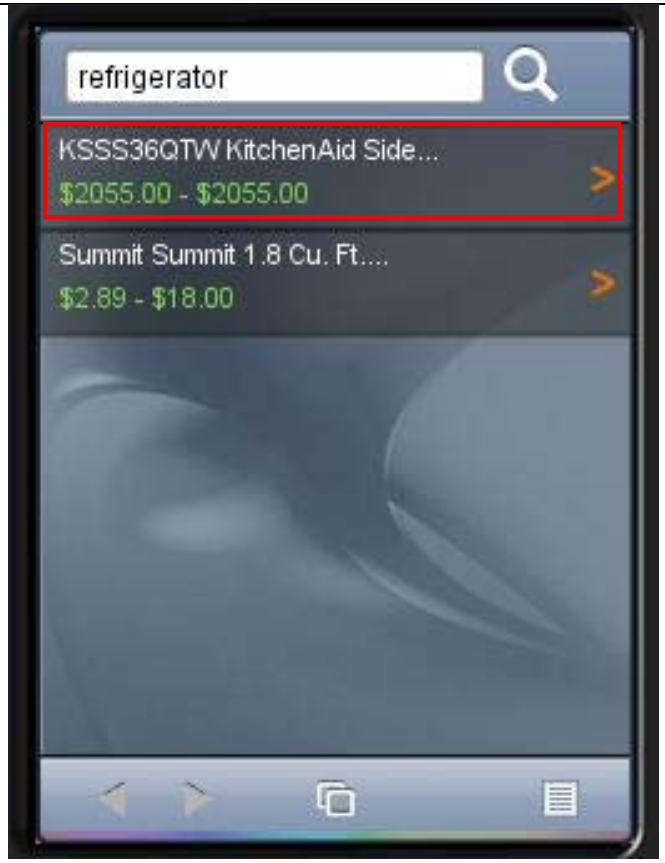
Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		

Source: *http://java.sun.com/docs/books/tutorial/deployment/applet/iac.html*

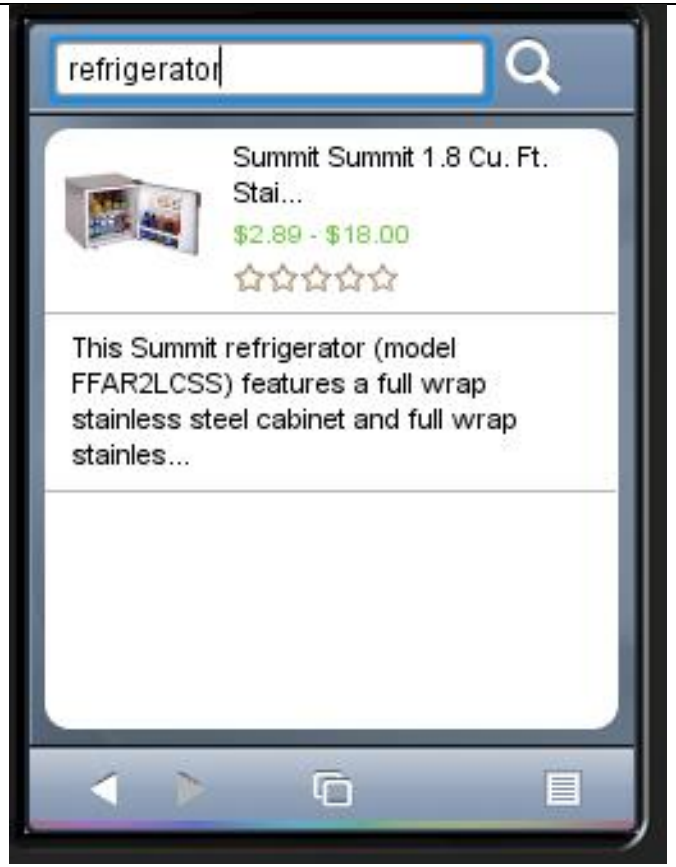
* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		Source: *http://www.javafx.com/samples/ShoppingService/index.html*

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 ***Source:*** *http://www.javafx.com/samples/ShoppingService/index.html*

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 ***Source:*** *http://www.javafx.com/samples/ShoppingService/index.html*

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Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 Source: *http://www.javafx.com/samples/ShoppingService/index.html*

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		"Netscape Plugin Application Programming Interface (NPAPI) is a cross-platform plugin architecture used by many web browsers. It was first developed for the Netscape family of browsers starting with Netscape Navigator 2.0 but has subsequently been implemented in other browsers including Mozilla Application Suite, Mozilla Firefox, Safari, Opera, Konqueror, Google Chrome, and some older versions of Microsoft Internet Explorer." ***Source:*** *http://en.wikipedia.org/wiki/NPAPI* "To interact with the browser, plugins use a plugin API, such as the NPAPI [9], supported by the browser." ***Source:*** *http://w2spconf.com/2009/papers/s1p1.pdf*
3	The method of claim 2, wherein the communications to interactively control said	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers which further comprises 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

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Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	controllable application continue to be exchanged between the controllable application and the browser even after the controllable application program has been launched.	program has been launched. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use. *See the evidence and information cited for the claim elements 1g and 2a supra which is expressly incorporated herein.*
4pre	A method for running an application program in a computer network environment, comprising:	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers and comprises a method for running an application program in a computer network environment, comprising the following steps. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use. *See the evidence and information cited for the claim element 1pre supra which is expressly incorporated herein.*

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Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
4a	providing at least one client workstation and one network server coupled to said network environment, wherein said network environment is a distributed hypermedia environment;	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes at least one client workstation and one network server coupled to said network environment, wherein said network environment is a distributed hypermedia environment. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use. *See the evidence and information cited for the claim element 1a supra which is expressly incorporated herein.*
4b	executing, at said client workstation, a browser application, that parses a first distributed hypermedia document to identify text formats included in	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that the client workstation executes a browser application to parse a first distributed hypermedia document to identify text formats included in said distributed hypermedia document for responding to predetermined text formats to initiate processing specified by said text formats. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use.

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Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	said distributed hypermedia document and for responding to predetermined text formats to initiate processing specified by said text formats;	*See the evidence and information cited for the claim element 1b supra which is expressly incorporated herein.*
4c	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, wherein the portion of said first hypermedia document is displayed within a	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that the client workstation executes a browser application to display, on said client workstation, at least a portion of a first hypermedia document received over said network from said server, wherein the portion of said first hypermedia document is displayed within a first browser-controlled window on said client workstation. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use. *See the evidence and information cited for the claim element 1c supra which is expressly incorporated herein.*

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Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	first browser-controlled window on said client workstation,	
4d	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,	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that 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. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use. *See the evidence and information cited for the claim element 1d supra which is expressly incorporated herein.*

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Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
4e	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,	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that 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. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use. *See the evidence and information cited for the claim element 1e supra which is expressly incorporated herein.*
4f	and wherein said embed text format is parsed by said browser to automatically invoke said executable application to execute on said client workstation	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that when said embed text format is parsed by said browser, said executable application is automatically invoked to execute on said client workstation in order to display said object. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use.

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Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	in order to display said object	*See the evidence and information cited for the claim element 1f supra which is expressly incorporated herein.*
4g	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.	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that interactive processing of said object is enabled 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. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use. *See the evidence and information cited for the claim element 1g supra which is expressly incorporated herein.*
4h	wherein said executable application is a controllable application and	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers where said executable application is a controllable application and further comprises the following steps. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users,

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Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	further comprising the step of:	and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use. *See the evidence and information cited for the claim element 2pre supra which is expressly incorporated herein.*
4i	interactively controlling said controllable application on said client workstation via inter-process communications between said browser and said controllable application;	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that interactive controlling of said controllable application on said client workstation occurs via inter-process communications between said browser and said controllable application. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use. *See the evidence and information cited for the claim element 2a supra which is expressly incorporated herein.*
4j	wherein the communications to interactively control said controllable application continue	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that communications to interactively control said controllable

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Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	to be exchanged between the controllable application and the browser even after the controllable application program has been launched; and	application continue to be exchanged between the controllable application and the browser even after the controllable application program has been launched. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use. *See the evidence and information cited for the claim elements 1g and 2a supra which are expressly incorporated herein.*
4k	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	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that the additional instructions for controlling said controllable application reside on said network server, wherein said step of interactively controlling said controllable application includes the following sub-steps identified below. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use.

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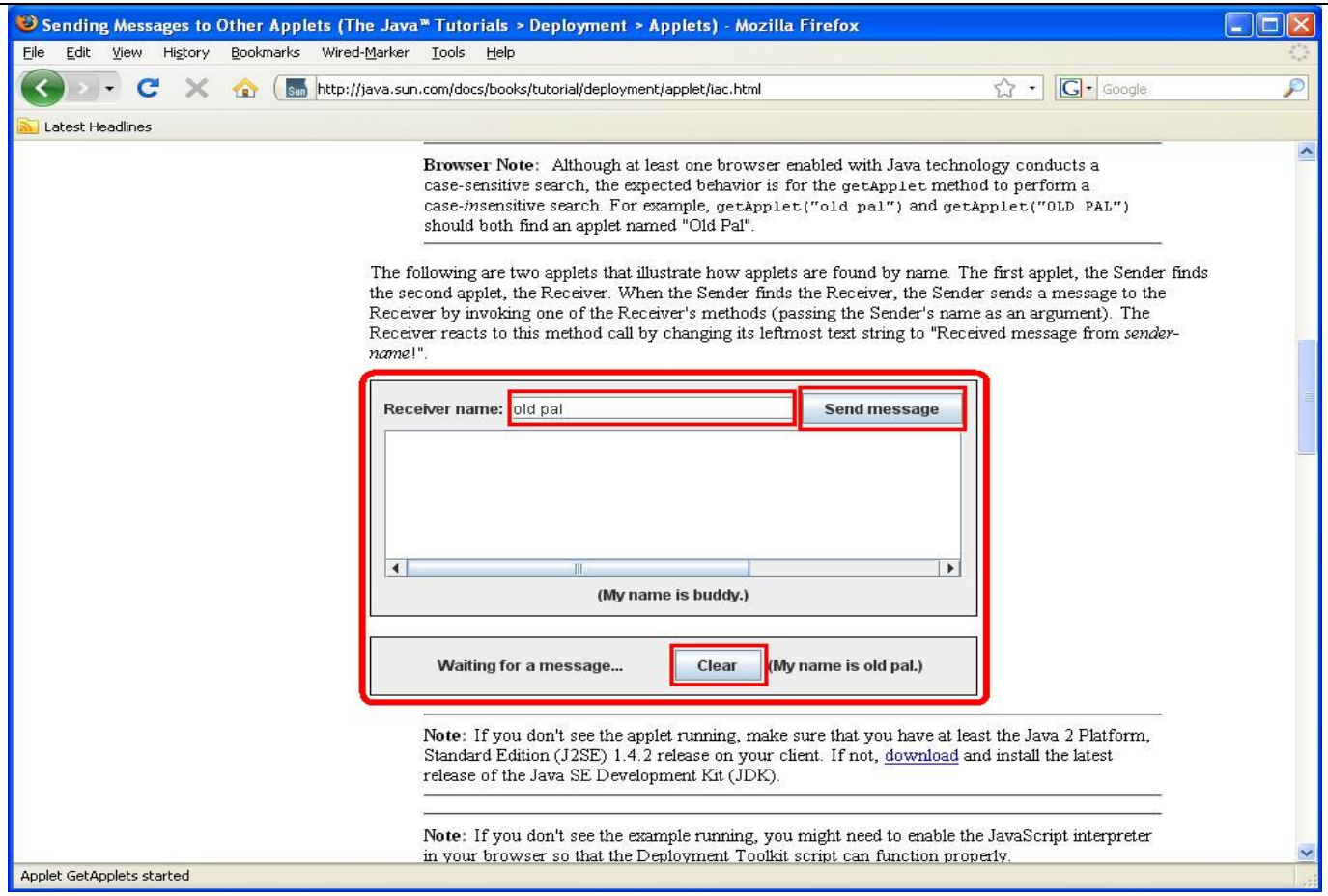
	substeps:	

Source: *http://java.sun.com/docs/books/tutorial/deployment/applet/iac.html*

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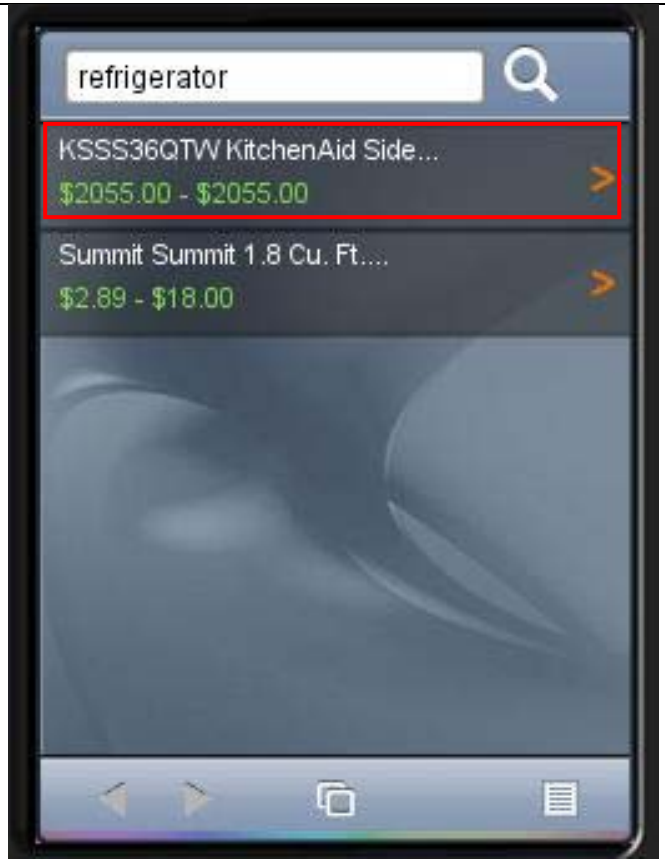
Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 ***Source:*** *http://www.javafx.com/samples/ShoppingService/index.html*

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Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		"Applets, like other Java programs, can use the API defined in the java.net package to communicate across the network. An applet can communicate with server applications that run on the same host as the applet. This communication does not require any special setup on the server." ***Source:*** *http://java.sun.com/docs/books/tutorial/deployment/applet/server.html* "As you can see, your options in working with applet/servlet communication are far greater than when using RMI in your applet; the examples shown here, are just a start. While inserting another layer in your application may take a little more work, the payoff is an applet that is more compatible, client/server communication that is more flexible, and an RMI server application that is more reliable." ***Source:*** *http://java.sun.com/developer/technicalArticles/RMI/rmi/*
4l	issuing, from the client workstation, one or more commands to the network server;	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that the client workstation is caused to issue one or more commands to the network server. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use.

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		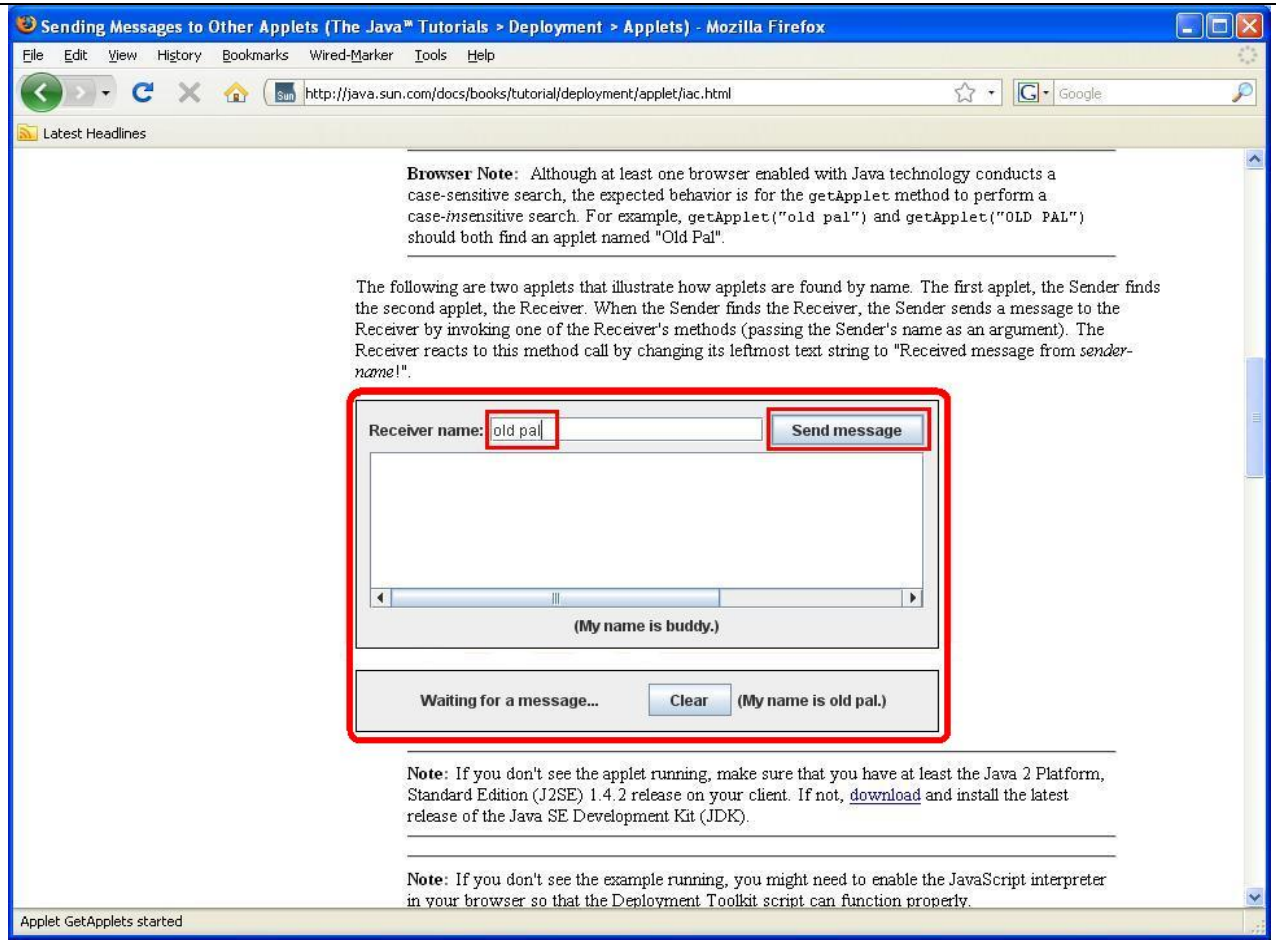

Source: *http://java.sun.com/docs/books/tutorial/deployment/applet/iac.html*

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		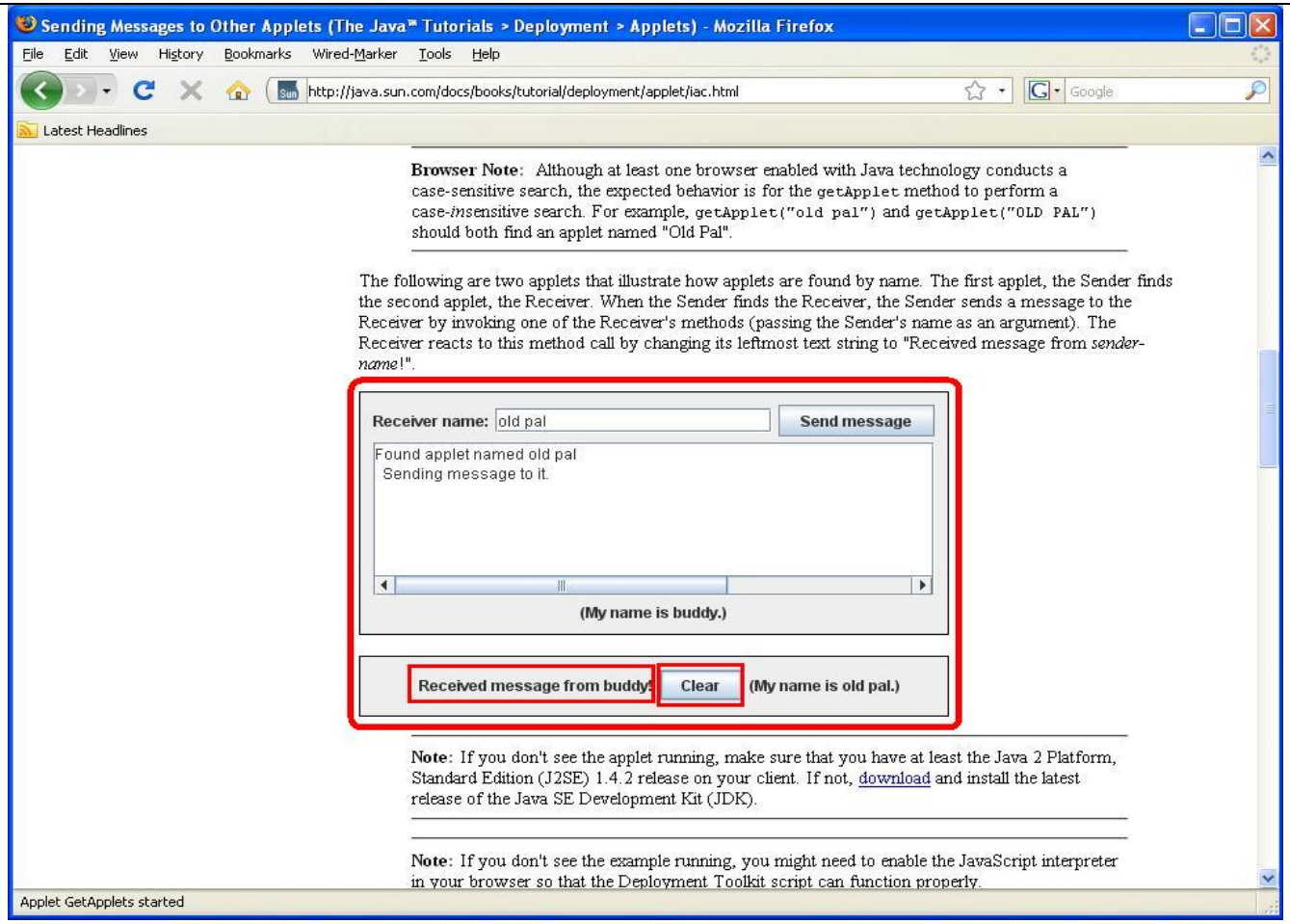

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		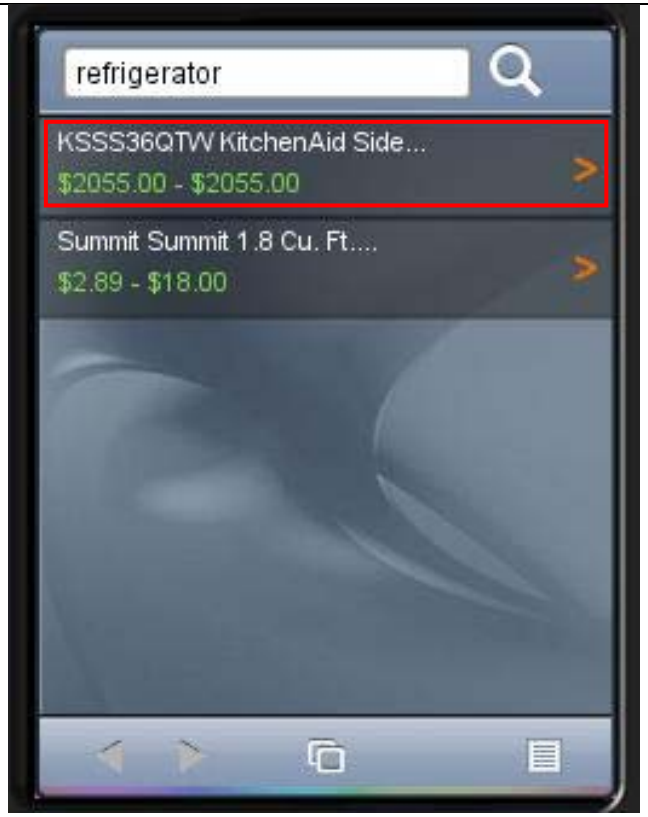 ***Source:*** *http://www.javafx.com/samples/ShoppingService/index.html*

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4m	executing, on the network server, one or more instructions in response to said commands;	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that the network server executes one or more instructions in response to said commands. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use.

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		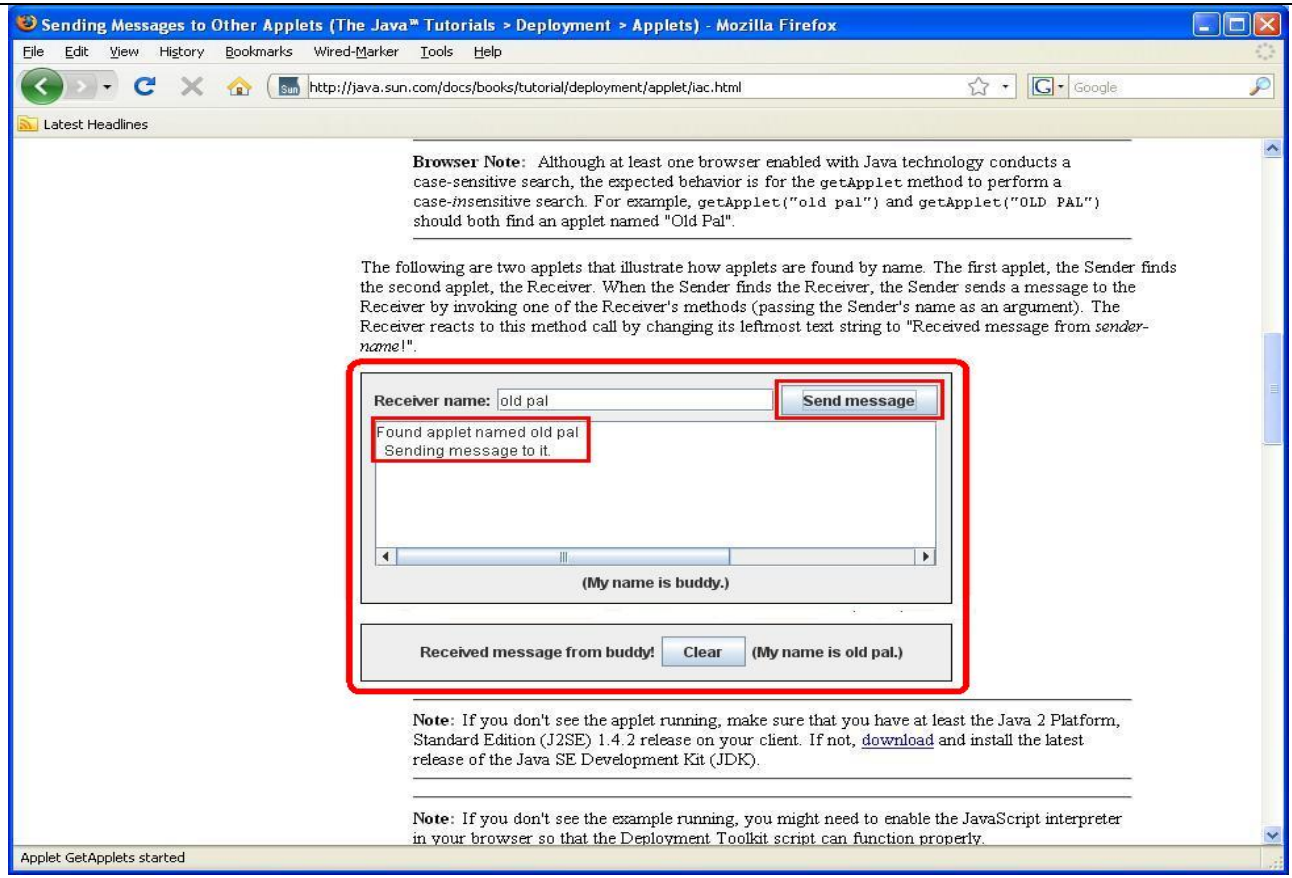

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		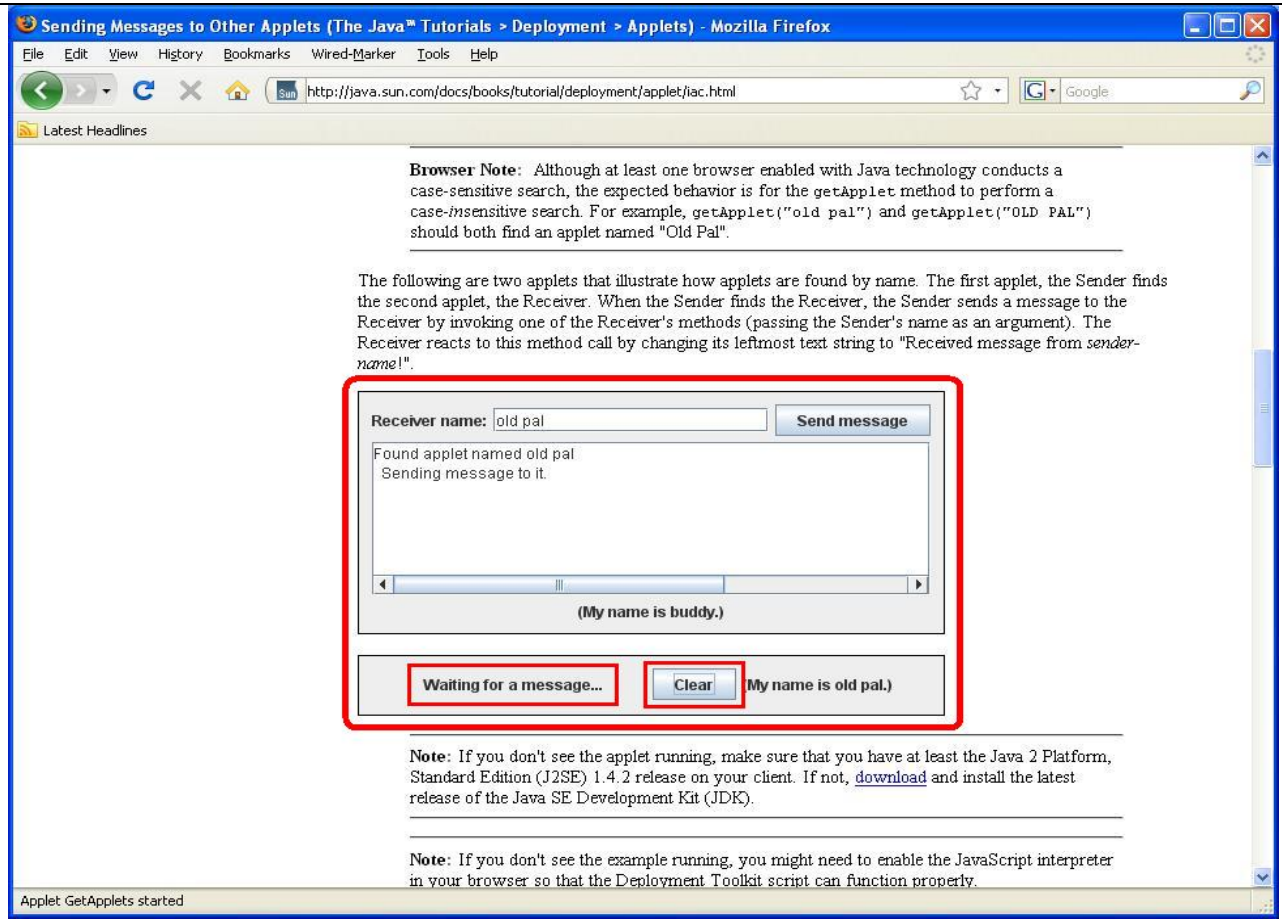 ***Source:*** *http://java.sun.com/docs/books/tutorial/deployment/applet/iac.html*

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		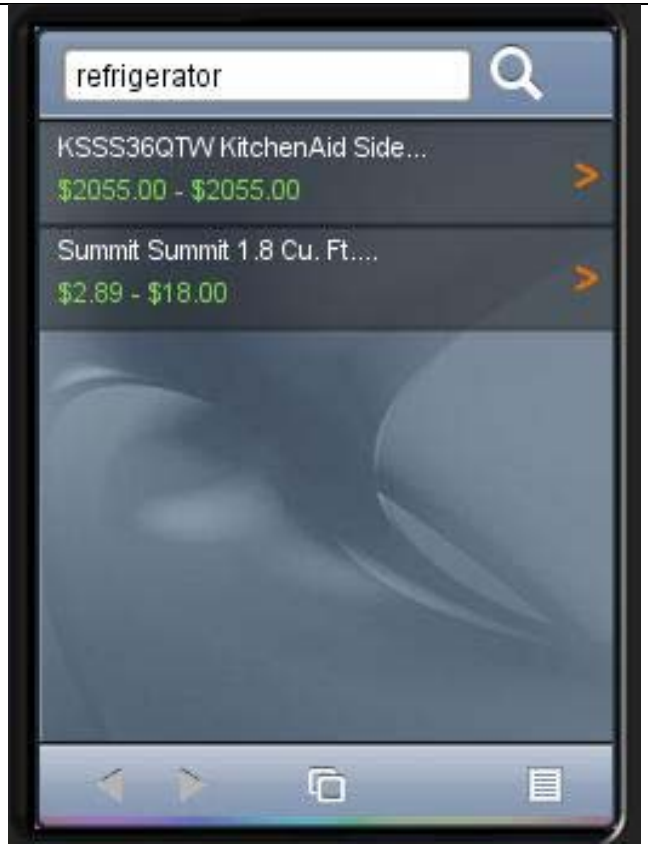 ***Source:*** *http://www.javafx.com/samples/ShoppingService/index.html*

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		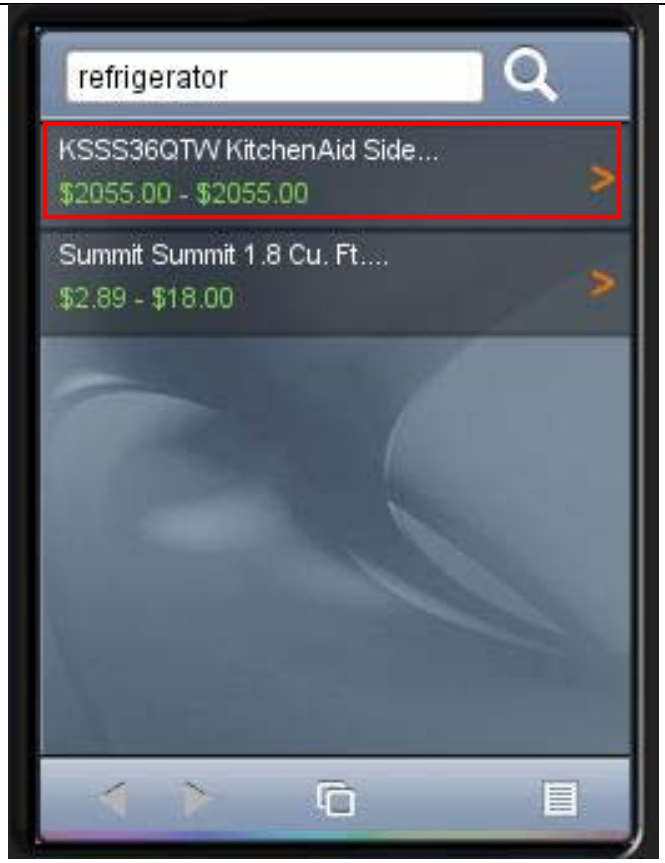 ***Source:*** *http://www.javafx.com/samples/ShoppingService/index.html*

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		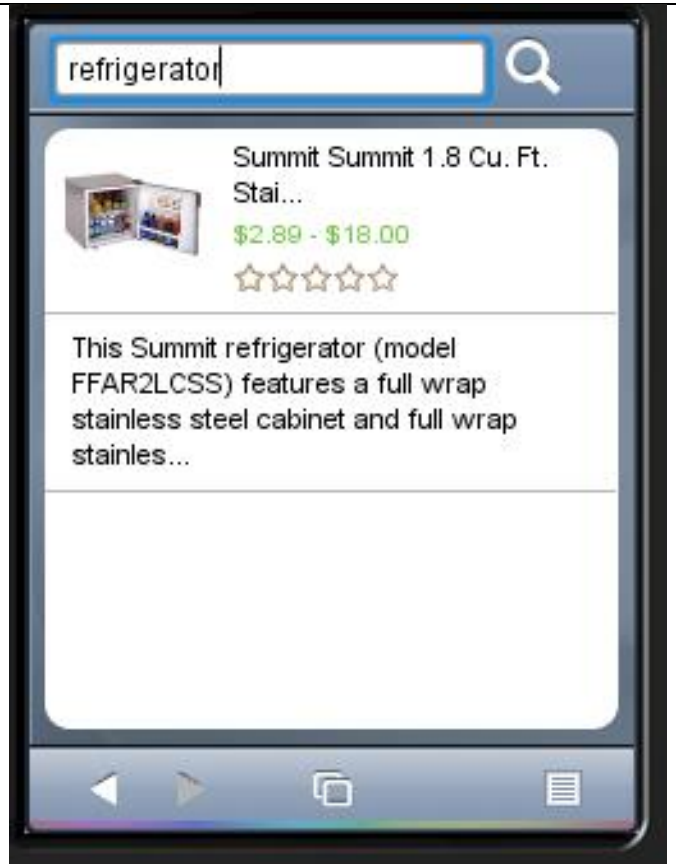 ***Source:*** *http://www.javafx.com/samples/ShoppingService/index.html*

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4n	sending information from said network server to said client workstation in response to said executed instructions;	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that information is sent from said network server to said client workstation in response to said executed instructions. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use.

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		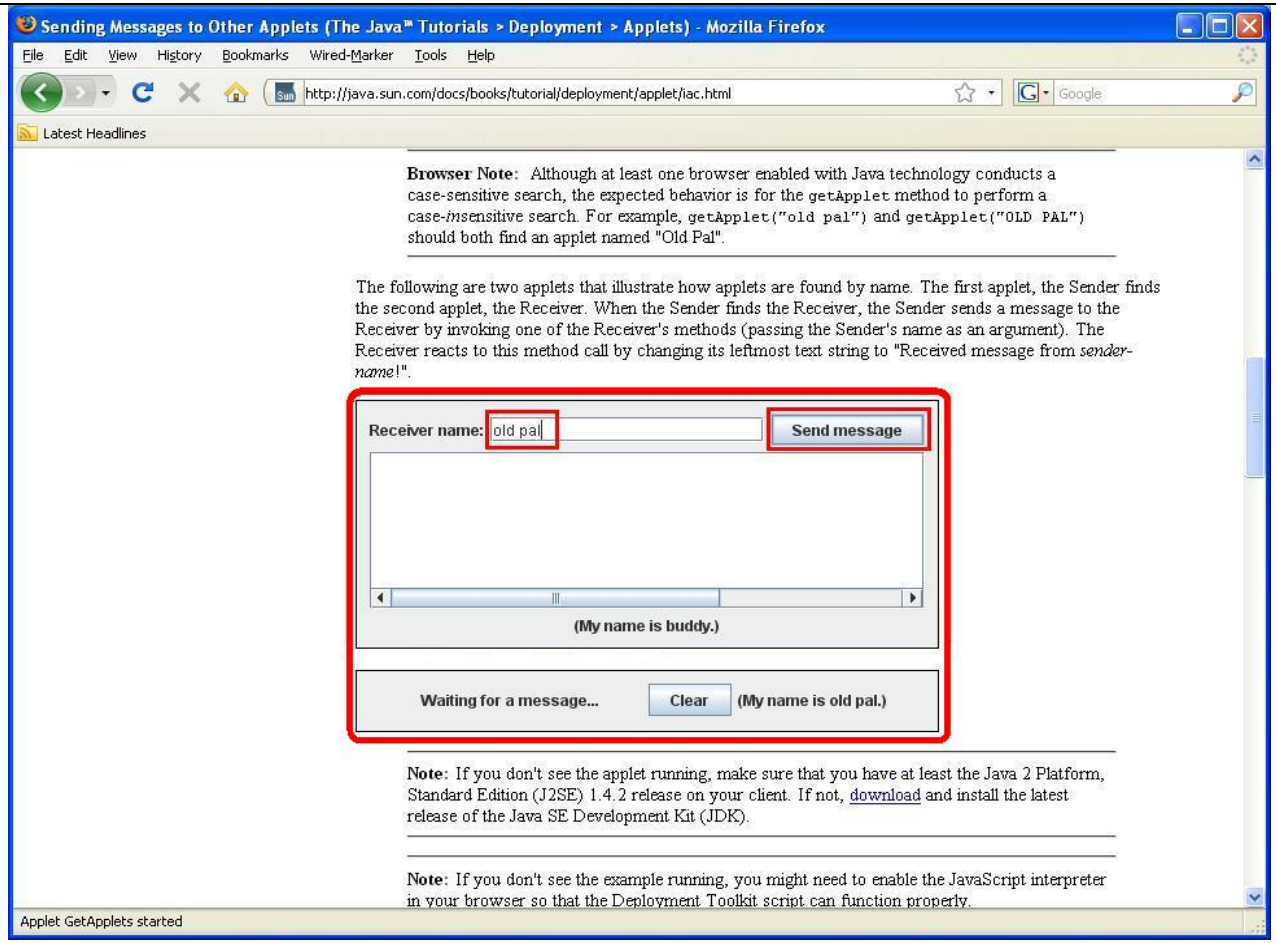

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		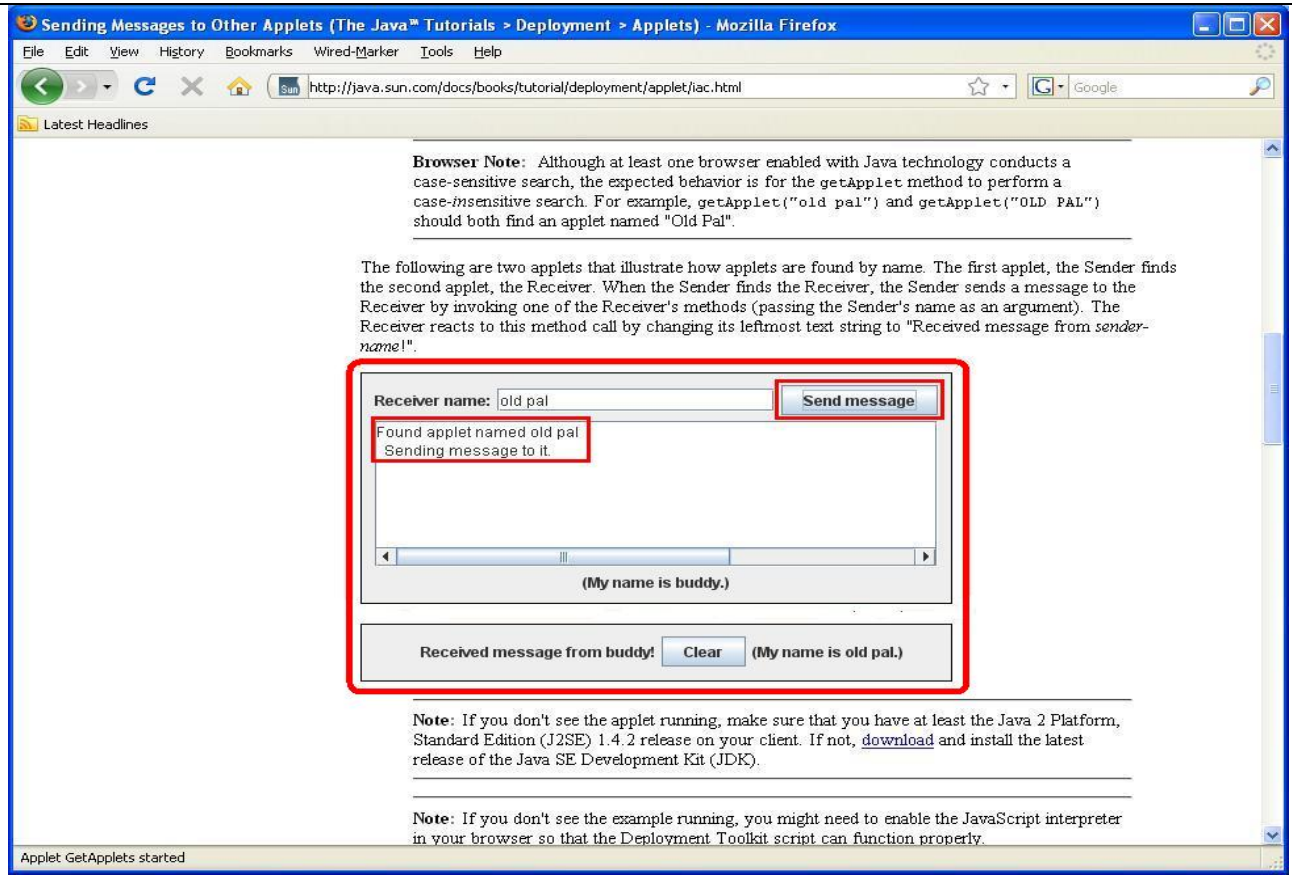

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		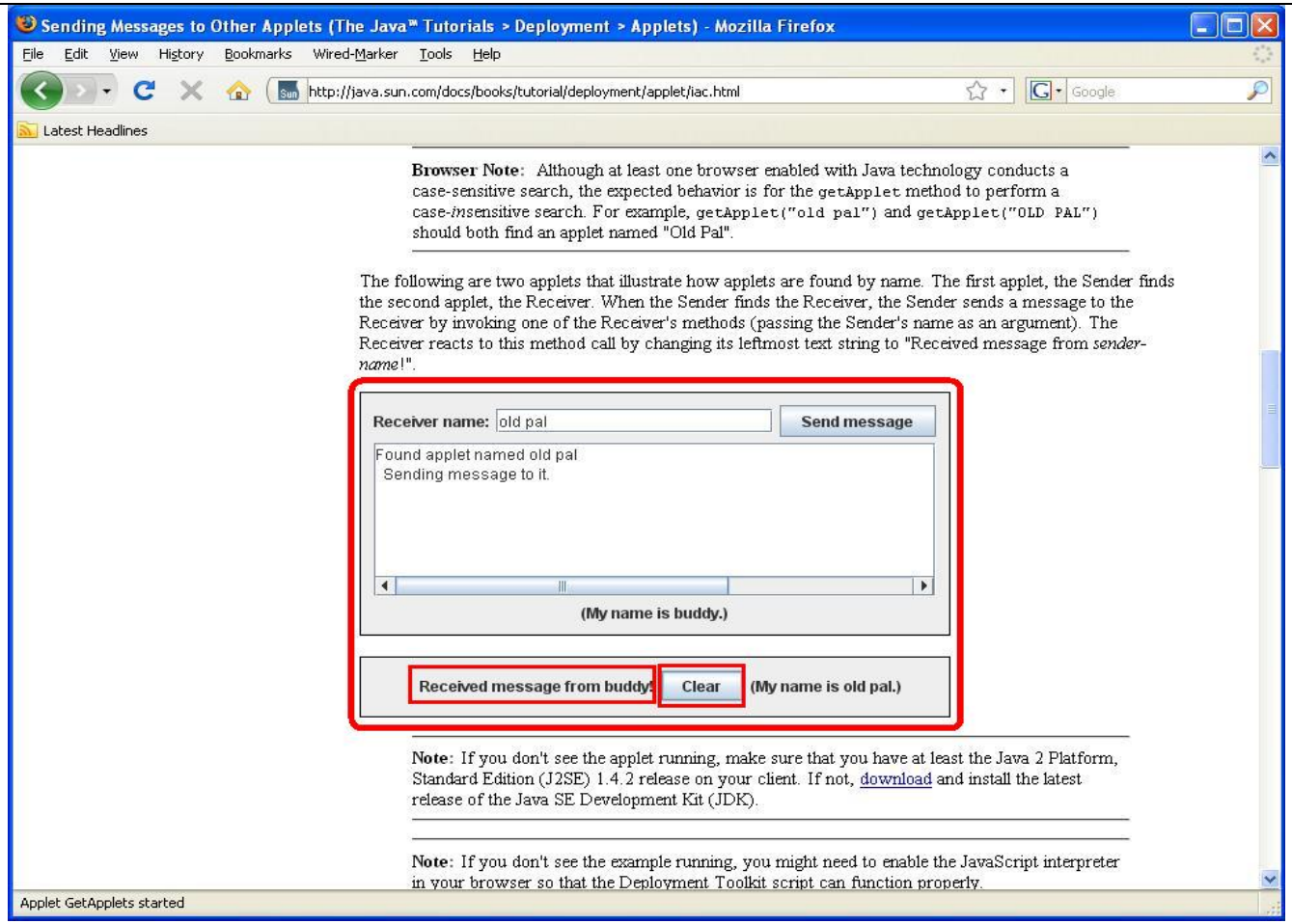

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		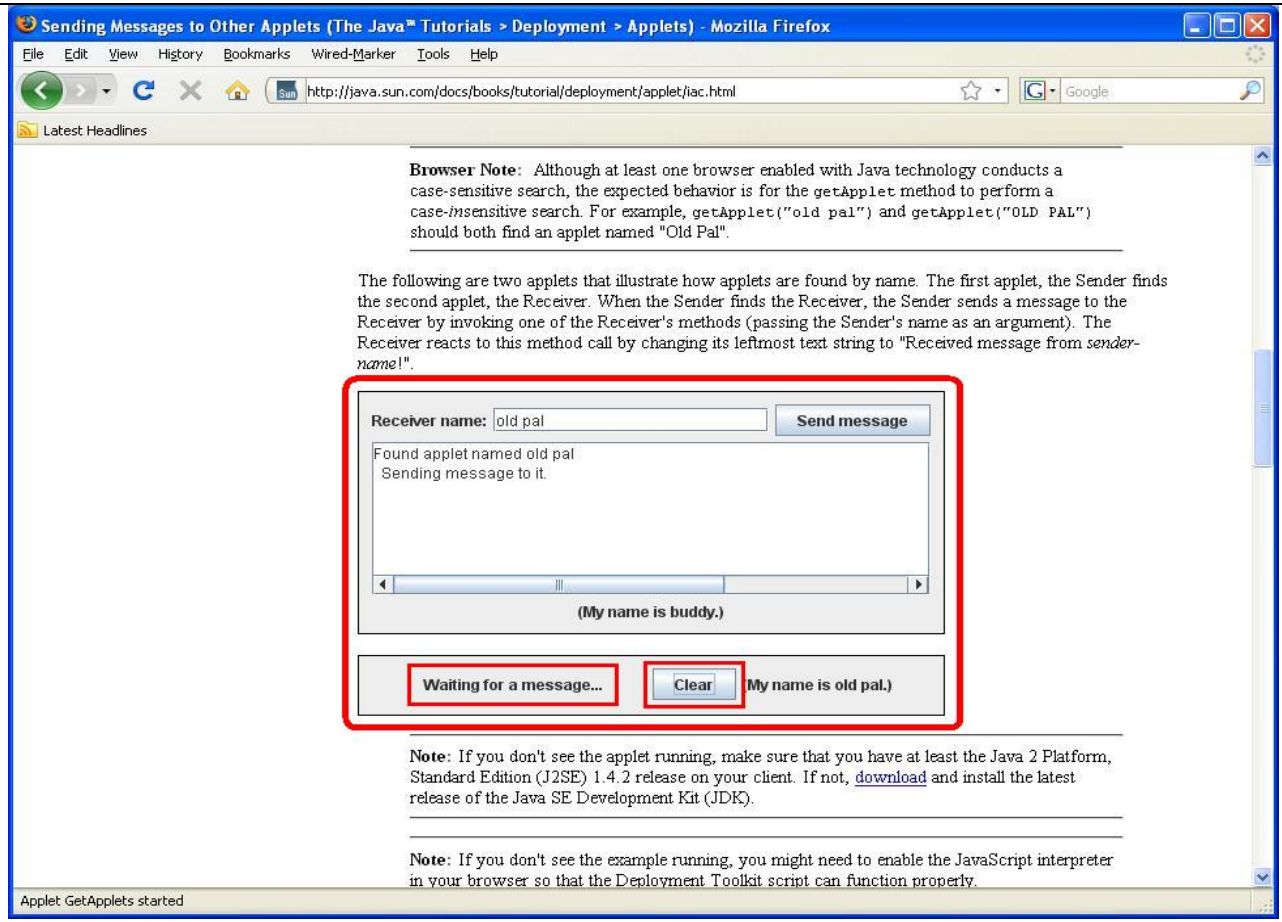 ***Source:*** *http://java.sun.com/docs/books/tutorial/deployment/applet/iac.html*

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		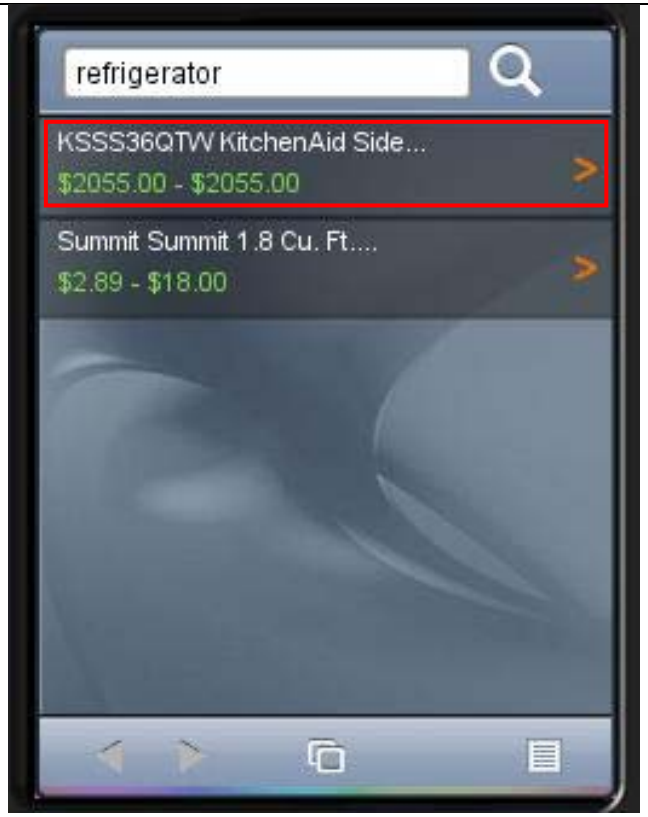 ***Source:*** *http://www.javafx.com/samples/ShoppingService/index.html*

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		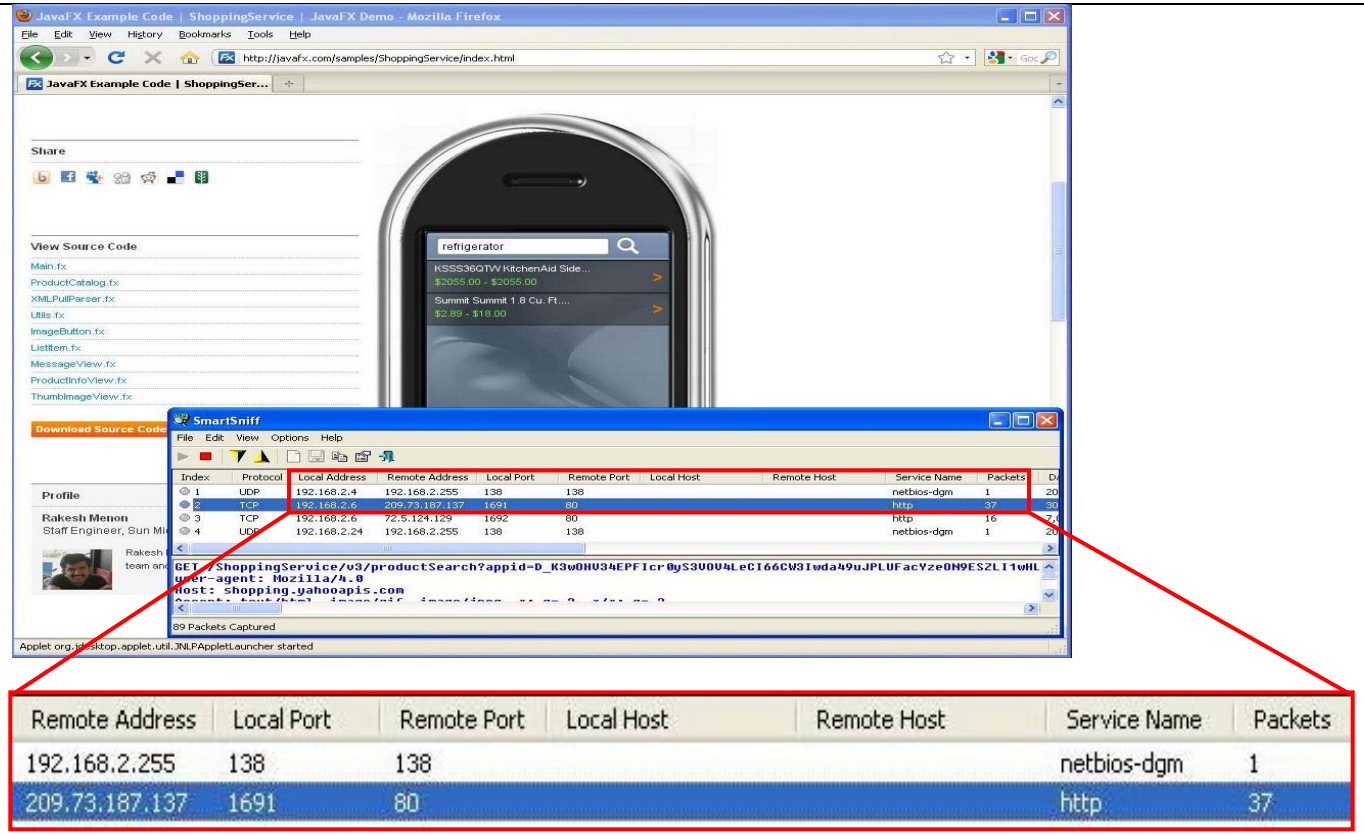 ***Source:*** 1) http://www.javafx.com/samples/ShoppingService/index.html 2) *Smartsniff, a network monitoring utility for capturing TCP/IP packets transferred between client workstation and network server*

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		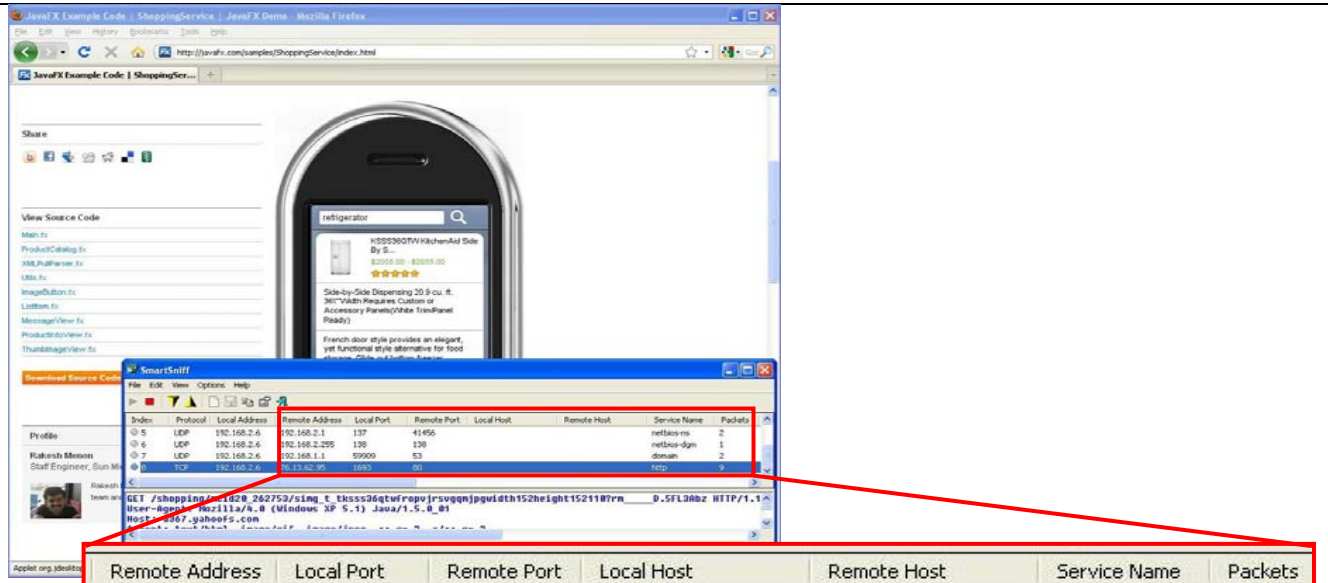

Source:

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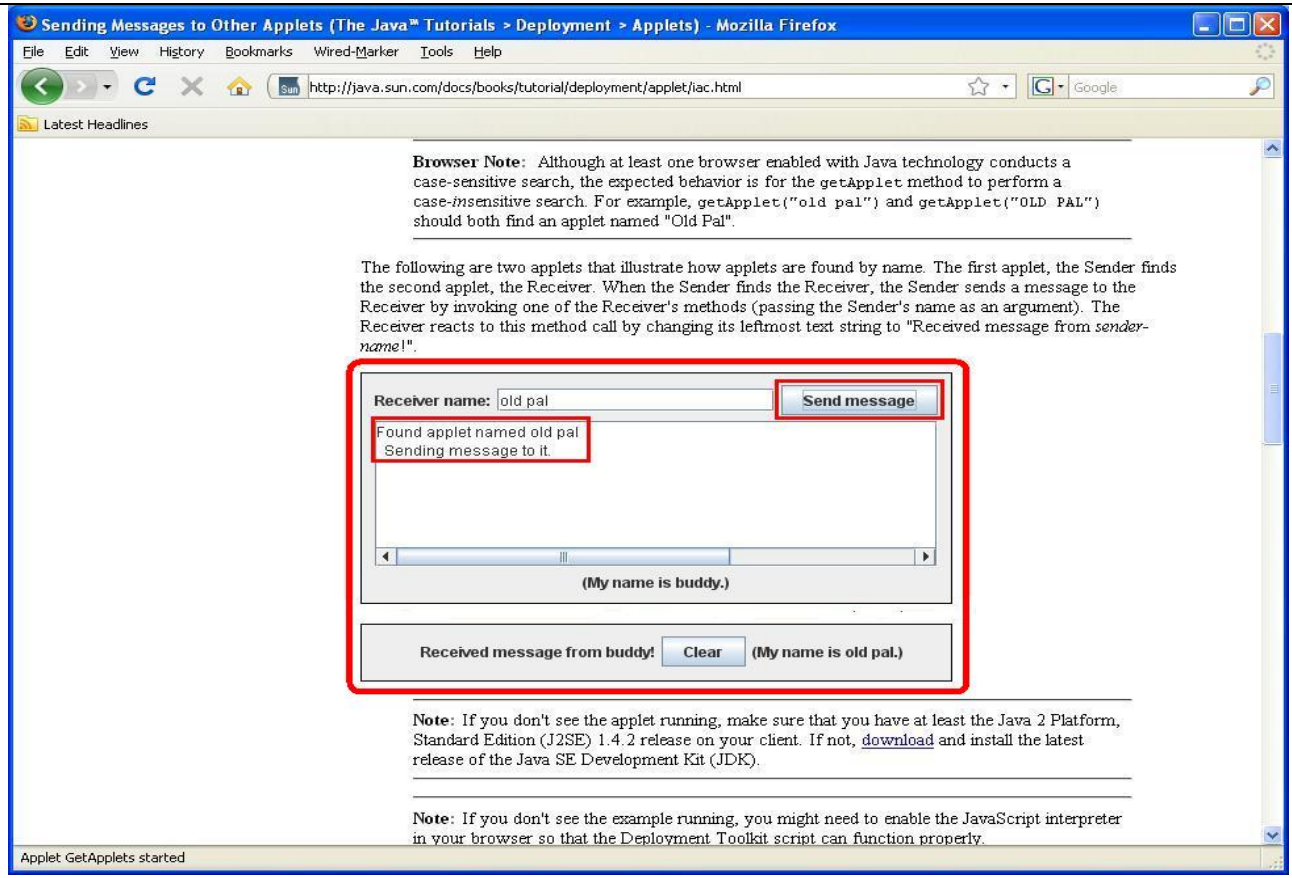
* Allegation not limited to the browser in use

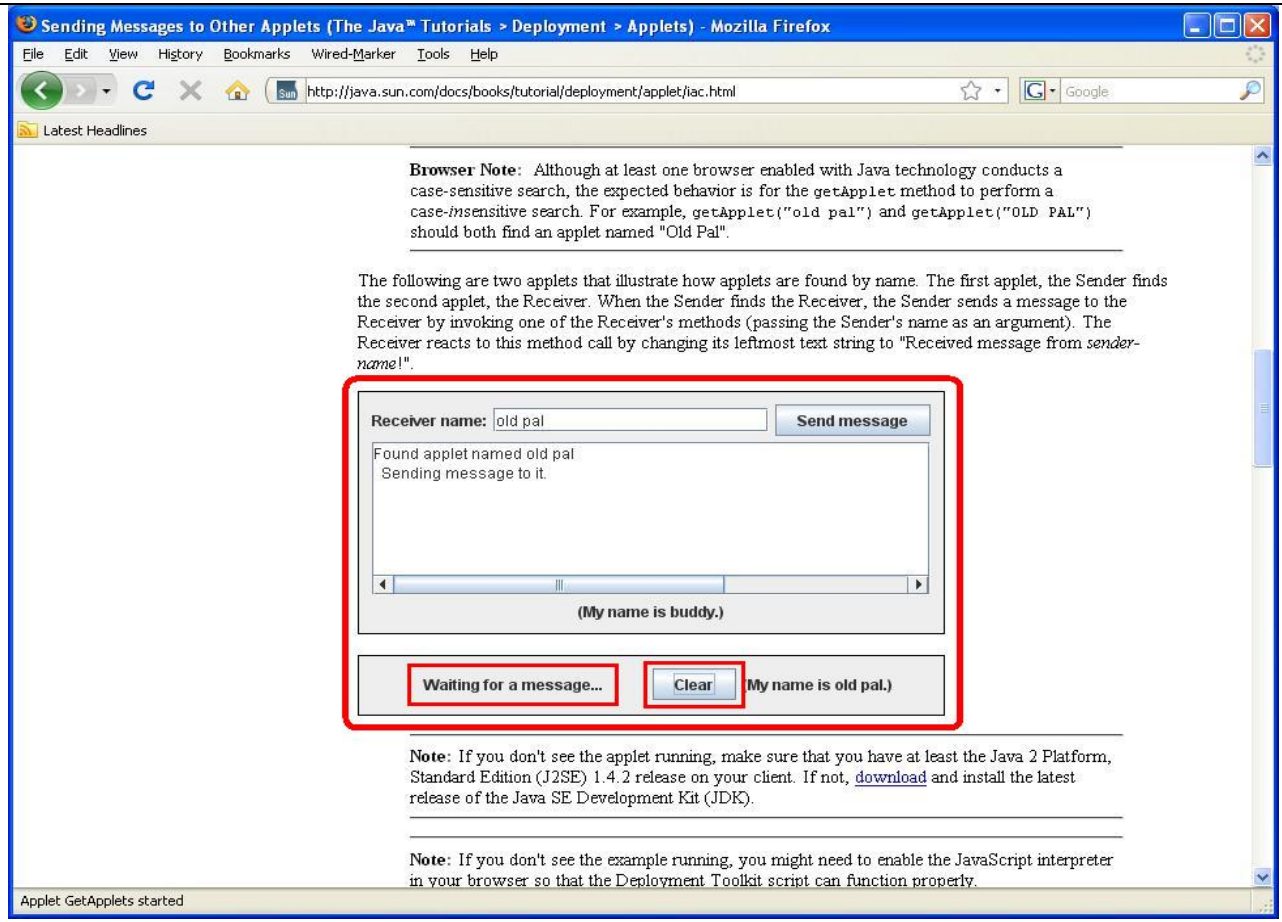
Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		"Applets, like other Java programs, can use the API defined in the java.net package to communicate across the network. An applet can communicate with server applications that run on the same host as the applet. This communication does not require any special setup on the server." ***Source:*** *http://java.sun.com/docs/books/tutorial/deployment/applet/server.html* "As you can see, your options in working with applet/servlet communication are far greater than when using RMI in your applet; the examples shown here, are just a start. While inserting another layer in your application may take a little more work, the payoff is an applet that is more compatible, client/server communication that is more flexible, and an RMI server application that is more reliable." ***Source:*** *http://java.sun.com/developer/technicalArticles/RMI/rmi/*
4o	and processing said information at the client workstation to interactively control said controllable application.	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that the client workstation processes said information at the client workstation to interactively control said controllable application. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use.

* Allegation not limited to the browser in use

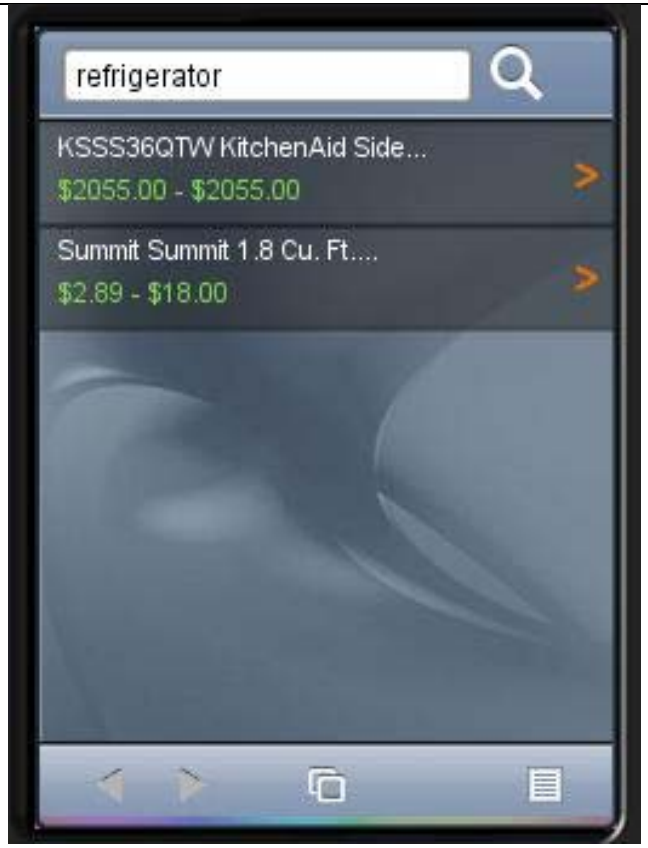
Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		

Source: *http://java.sun.com/docs/books/tutorial/deployment/applet/iac.html*

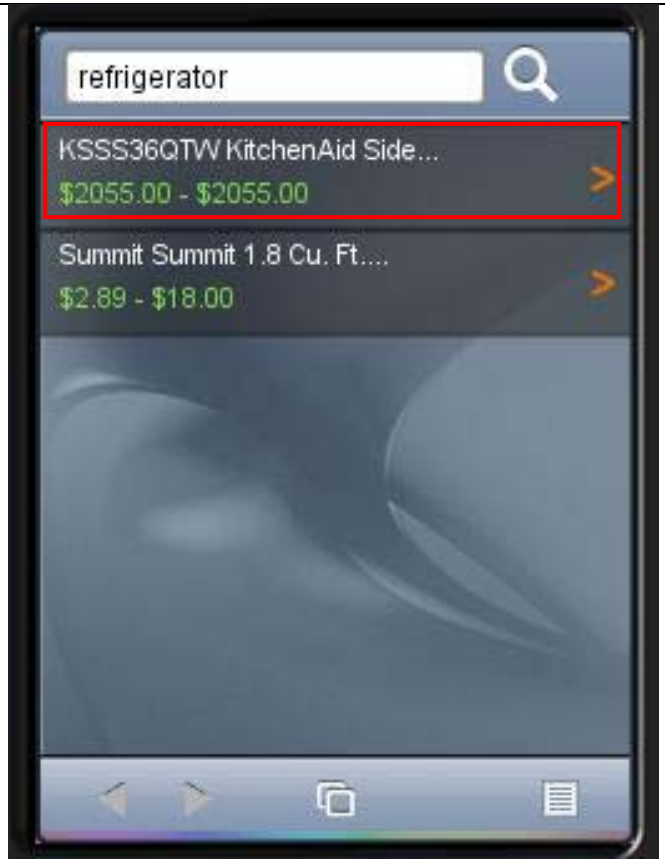
* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 ***Source:*** *http://java.sun.com/docs/books/tutorial/deployment/applet/iac.html*

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 ***Source:*** *http://www.javafx.com/samples/ShoppingService/index.html*

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 ***Source:*** *http://www.javafx.com/samples/ShoppingService/index.html*

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 Source: *http://www.javafx.com/samples/ShoppingService/index.html*

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 Source: *http://www.javafx.com/samples/ShoppingService/index.html*
5pre	A method for running an application program	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers and comprises a method for running an application

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	in a computer network environment, comprising:	program in a computer network environment, comprising the following elements. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use. *See the evidence and information cited for claim element 1pre supra which is expressly incorporated herein.*
5a	providing at least one client workstation and one network server coupled to said network environment, wherein said network environment is a distributed hypermedia environment;	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes at least one client workstation and one network server coupled to said network environment, wherein said network environment is a distributed hypermedia environment. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use. *See the evidence and information cited for claim element 1a supra which is expressly incorporated herein.*
5b	executing, at said client workstation, a browser	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	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;	communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that the browser 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. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use. *See the evidence and information cited for claim element 1b supra which is expressly incorporated herein.*
5c	utilizing said browser to display, on said client workstation, at least a portion of a first hypermedia document received	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that the browser displays, on said client workstation, at least a portion of a first hypermedia document received over said network from said server, wherein the portion of said first hypermedia document is displayed within a first browser-controlled window on said

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	over said network from said server, wherein the portion of said first hypermedia document is displayed within a first browser-controlled window on said client workstation,	client workstation. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use. *See the evidence and information cited for claim element 1c supra which is expressly incorporated herein.*
5d	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	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that the 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. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use.

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Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	location of at least a portion of an object external to the first distributed hypermedia document,	*See the evidence and information cited for claim element 1d supra which is expressly incorporated herein.*
5e	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,	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that 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. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use. *See the evidence and information cited for claim element 1e supra which is expressly incorporated herein.*
5f	and wherein said embed text format is parsed by said	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	browser to automatically invoke said executable application to execute on said client workstation in order to display said object	communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that when said embed text format is parsed by said browser, it automatically invokes said executable application to execute on said client workstation in order to display said object. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use. *See the evidence and information cited for claim element 1f supra which is expressly incorporated herein.*
5g	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-	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that interactive processing of said object is enabled 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. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use. *See the evidence and information cited for claim element 1g supra which is expressly incorporated herein.*

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Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	controlled window.	
5h	wherein said executable application is a controllable application and further comprising the step of:	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network and format the communications so that said executable application is a controllable application further comprising the following steps. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use. *See the evidence and information cited for claim element 2pre supra which is expressly incorporated herein.*
5i	interactively controlling said controllable application on said client workstation via inter-process communications between said browser and said controllable	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network and format the communications so that interactive controlling of said controllable application on said client workstation occurs via inter-process communications between said browser and said controllable application. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use.

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Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	application;	*See the evidence and information cited for claim element 2a supra which is expressly incorporated herein.*
5j	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;	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network and format the communications so that 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. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use. *See the evidence and information cited for the claim elements 1g and 2a supra which is expressly incorporated herein.*
5k	wherein additional instructions for controlling said controllable application reside on said network server, wherein	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that the additional instructions for controlling said controllable application reside on said network server, wherein said step of interactively controlling said controllable application includes the following sub-steps identified below. In addition, Sun

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Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	said step of interactively controlling said controllable application includes the following substeps:	Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use. *See the evidence and information cited for the claim element 4k supra which is expressly incorporated herein.*
5l	issuing, from the client workstation, one or more commands to the network server;	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that the client workstation is caused to issue one or more commands to the network server. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use. *See the evidence and information cited for the claim element 4l supra which is expressly incorporated herein*
5m	executing, on the network server, one or more	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of

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Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	instructions in response to said commands;	communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that the network server executes one or more instructions in response to said commands. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use. *See the evidence and information cited for the claim element 4m supra which is expressly incorporated herein.*
5n	sending information from said network server to said client workstation in response to said executed instructions;	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that information is sent from said network server to said client workstation in response to said executed instructions. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use. *See the evidence and information cited for the claim element 4n supra which is expressly incorporated herein.*
5o	and processing said information at the client workstation	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of

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Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	to interactively control said controllable application; and	communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that the client workstation processes said information at the client workstation to interactively control said controllable application. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use. *See the evidence and information cited for the claim element 4o supra which is expressly incorporated herein.*
5p	wherein said additional instructions for controlling said controllable application reside on said client workstation.	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that the additional instructions for controlling said controllable application reside on said client workstation. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use.

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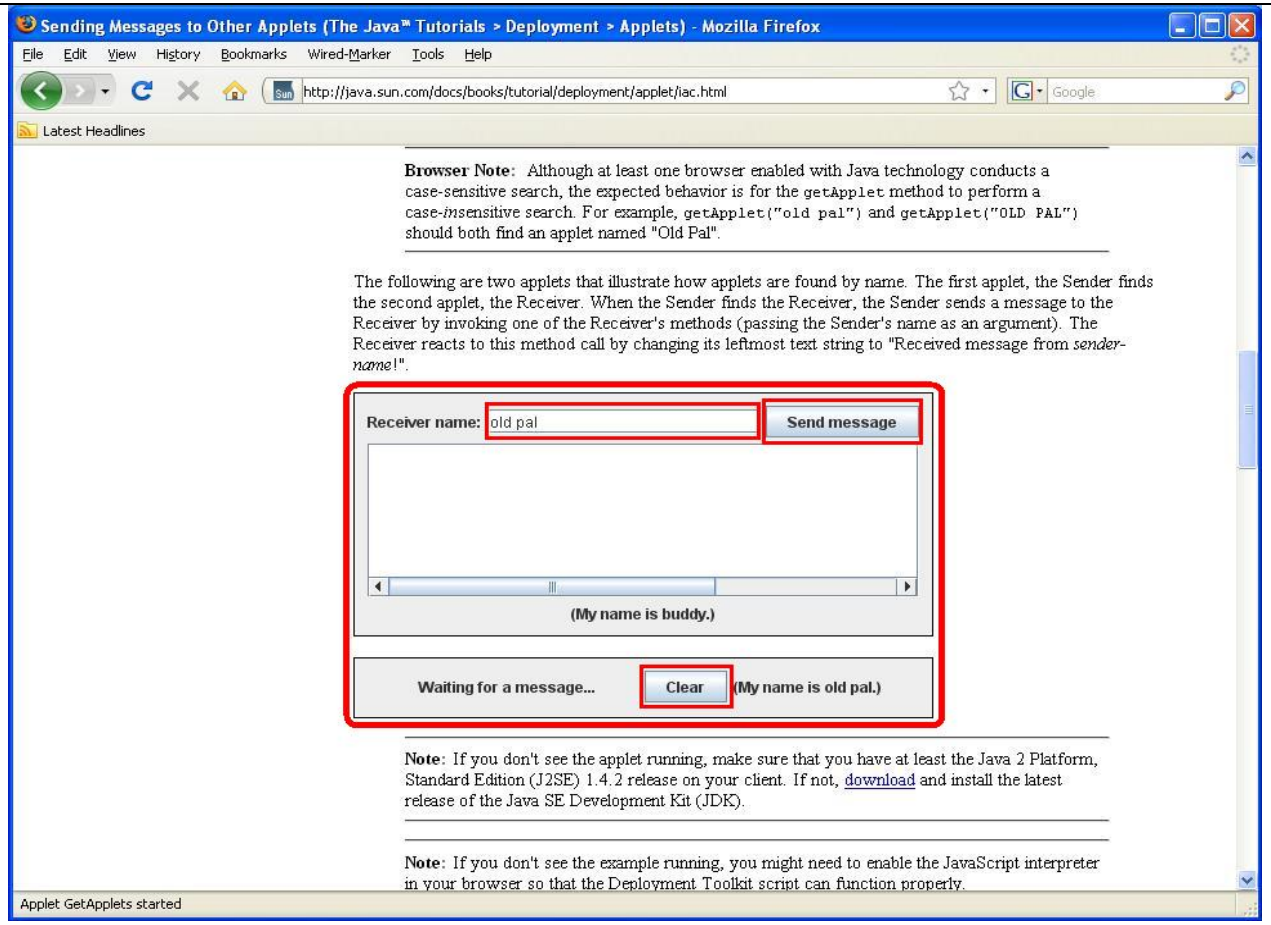
Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 ***Source:*** *http://java.sun.com/docs/books/tutorial/deployment/applet/iac.html*

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Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		"An applet is a program written in the Java programming language that can be included in an HTML page, much in the same way an image is included in a page. When you use a Java technology-enabled browser to view a page that contains an applet, the applet's code is transferred to your system and executed by the browser's Java Virtual Machine (JVM)." ***Source:*** *http://java.sun.com/applets/*

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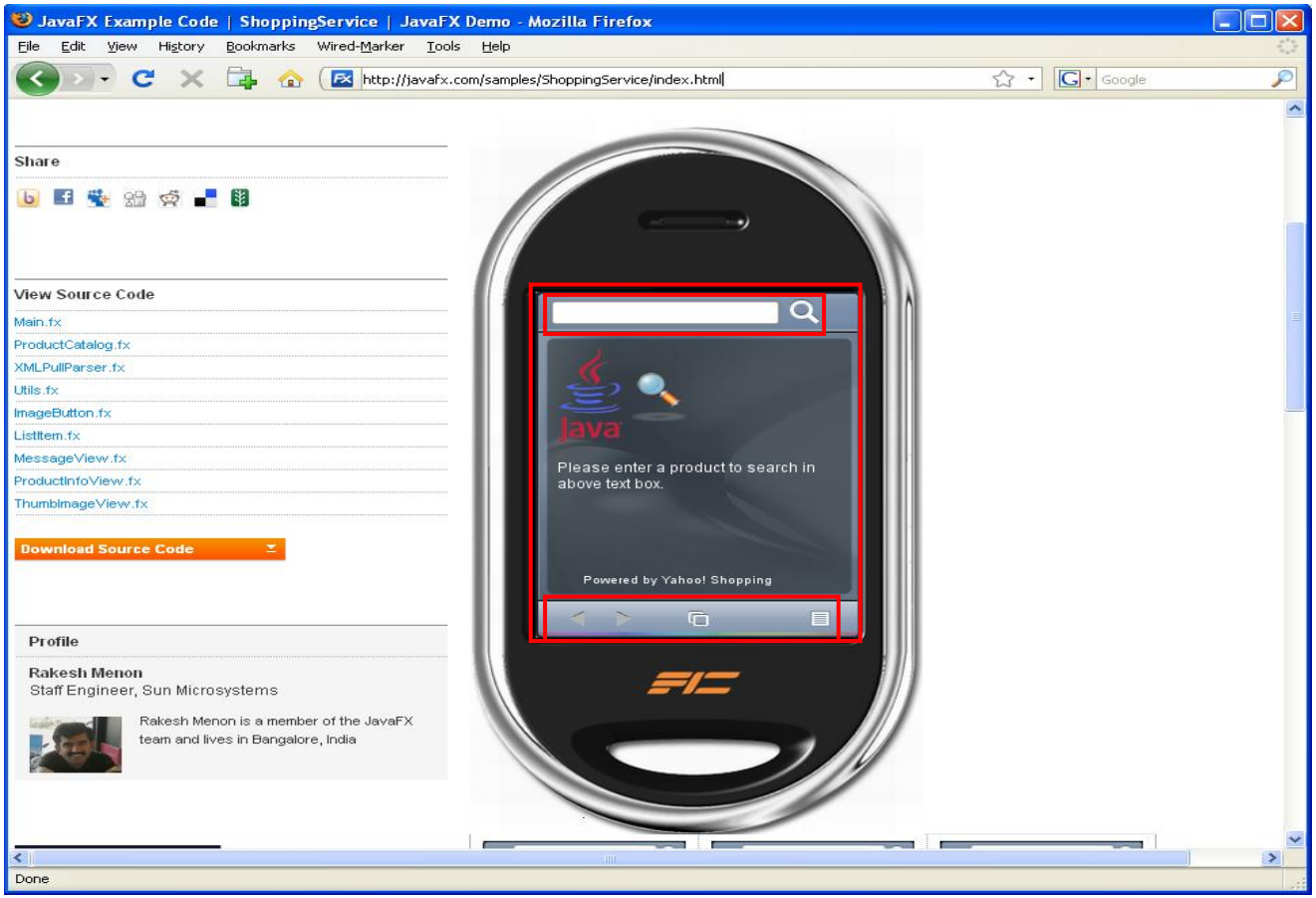
Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 ***Source:*** *http://www.javafx.com/samples/ShoppingService/index.html*
6pre	A computer program product	Sun Microsystems's websites comprise a computer program product for use in a system having at least one client workstation and one network server coupled to said network environment, wherein said

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	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:	network environment is a distributed hypermedia environment, the computer program product further comprising the elements set forth below. *See the evidence and information cited for the claim elements 1pre and 1a supra which is expressly incorporated herein.*
6a	a computer usable medium having computer readable program code physically embodied therein, said computer program product	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein, said computer program product further comprising the elements set forth below.

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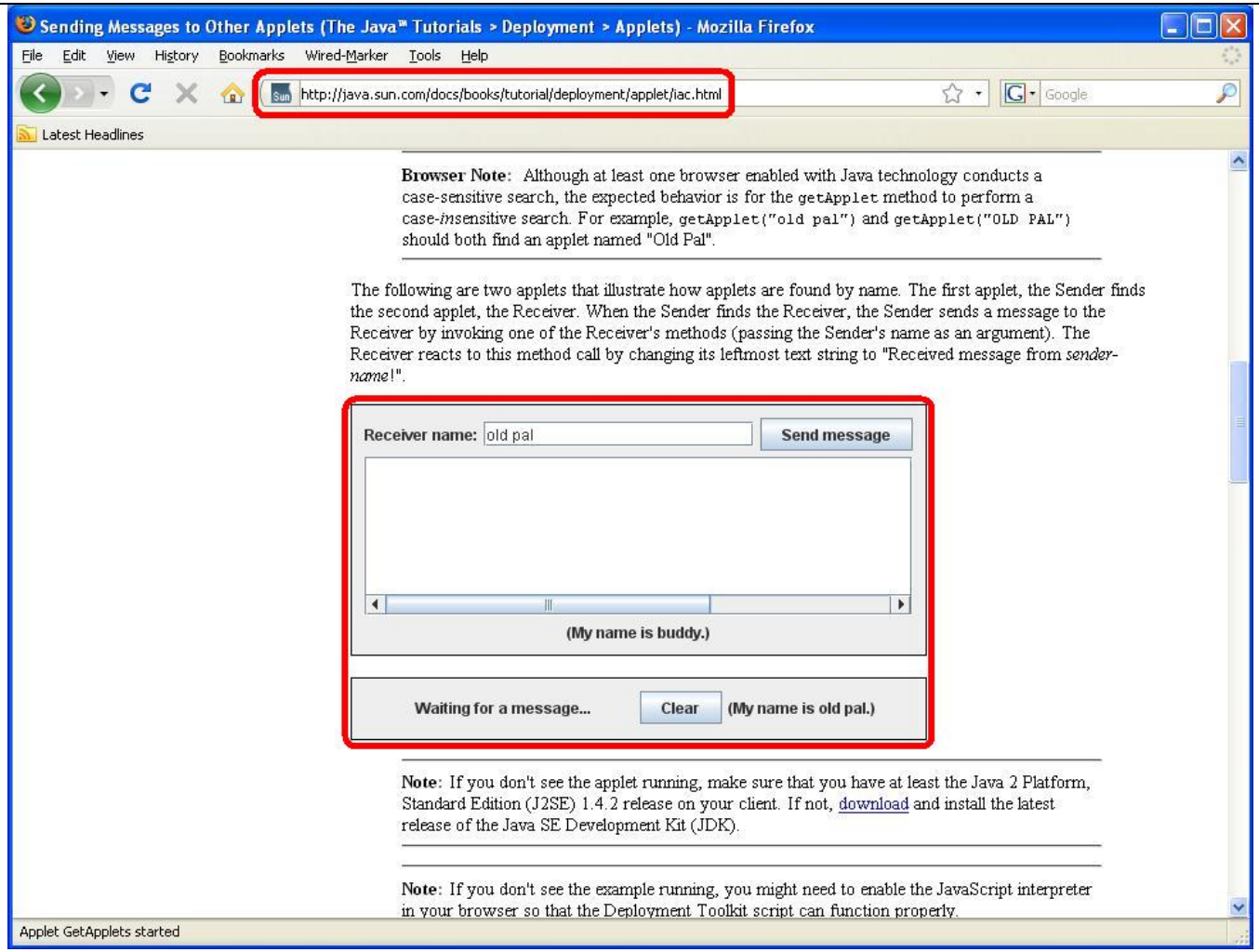
Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	further comprising:	

Source: *http://java.sun.com/docs/books/tutorial/deployment/applet/iac.html*

* Allegation not limited to the browser in use

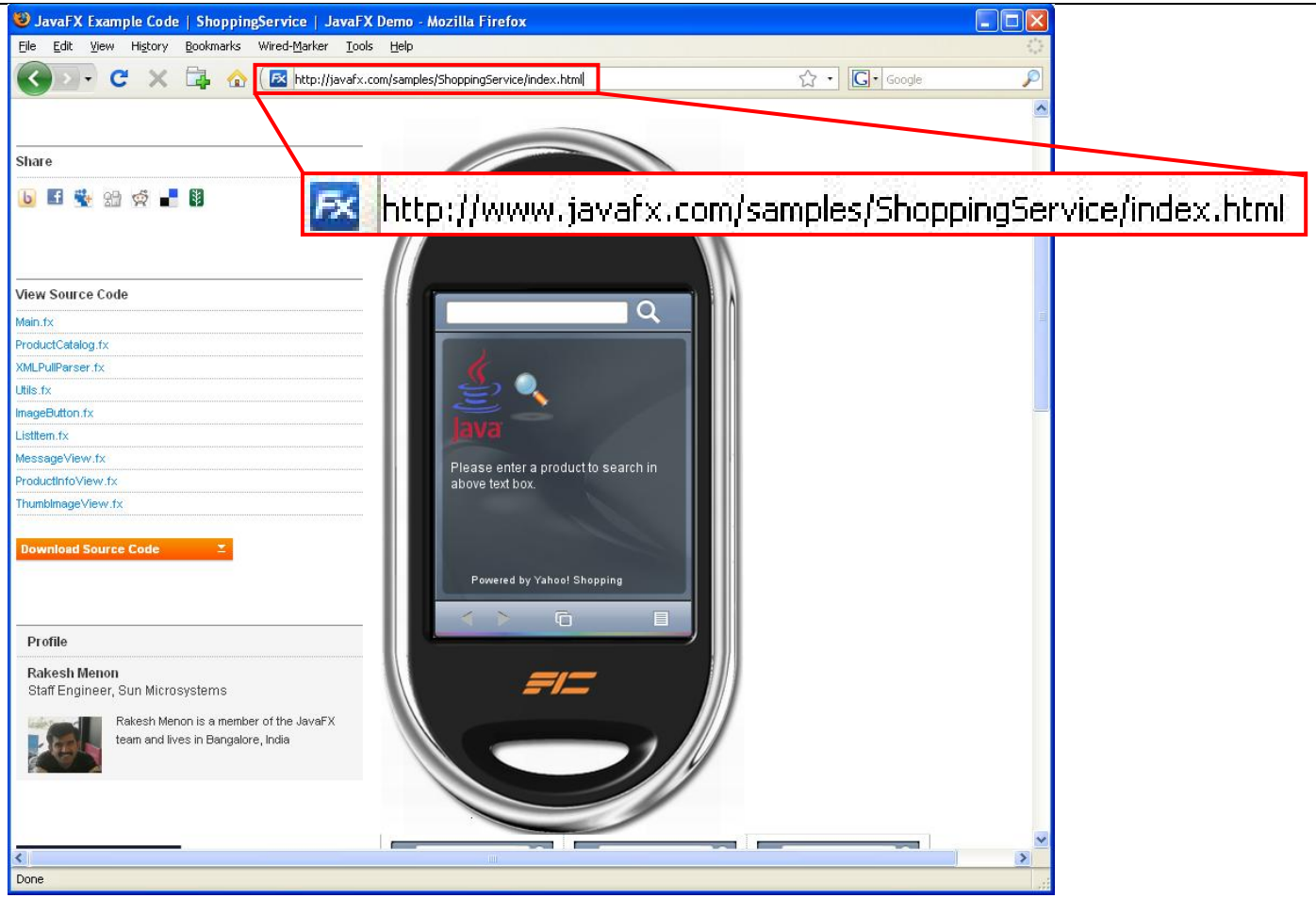
Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 Source: *Command "ping java.sun.com", Command Prompt window*

* Allegation not limited to the browser in use

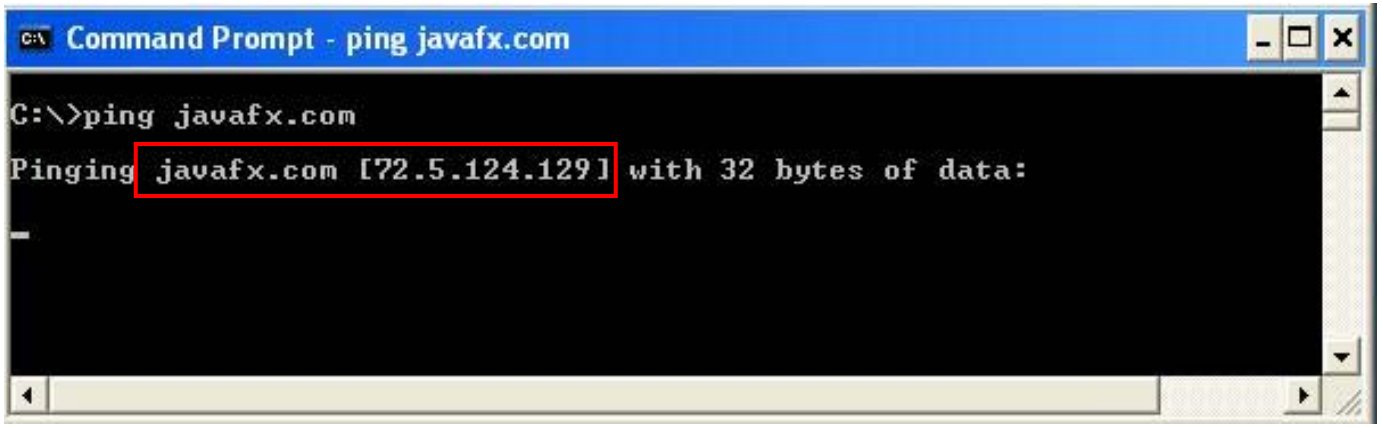
Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites

		<html>
		<head>
		<title>Sending Messages to Other Applets (The Java™ Tutorials >
		Deployment > Applets)
		</title>
		...
		<style type="text/css">
		.FigureCaption {
		margin-left: 1in;
		margin-right: 1in;
		...
		</style>
		<script type="text/javascript">
		function leftBar() {
		var nameq = 'tutorial_showLeftBar='
		var cookies = document.cookie.split(';');
		...
		</script>
		</head>
		<body onload="load()">
		
		...
		<script language="JavaScript" src="/js/omi/jsc/s_code_remote.js"></script></body>
		</html>
		
		Source: *Lines 2–641, Source code, HTML Document of webpage at URL* *http://java.sun.com/docs/books/tutorial/deployment/applet/iac.html*

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 ***Source:*** *http://www.javafx.com/samples/ShoppingService/index.html*

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		 ***Source:*** *Command "ping javafx.com", Command Prompt window*

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Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		<link rel="stylesheet" type="text/css" media="screen, projection" href="../shared/new_style/css/reset.css" /> <link rel="stylesheet" type="text/css" media="screen, projection" href="../shared/new_style/css/javafx.css" /> <link rel="stylesheet" type="text/css" media="screen, projection" href="../shared/new_style/css/samples.css" /> ... <link rel="stylesheet" type="text/css" href="../shared/new_style/css/ie.css" /> ... <link rel="stylesheet" type="text/css" href="../shared/new_style/css/ie6.css" /> ... <link rel="stylesheet" type="text/css" href="../shared/new_style/css/ie7.css" /> ... <link rel="shortcut icon" type="image/ico" href="../shared/new_style/images/favicon.ico" /> ... <script src="http://dl.javafx.com/1.2/dtfx.js"></script> ... <script src="http://java.com/js/deployJava.js"></script> ... <script src="../shared/new_style/js/omi/s_code_remote.js" type="text/javascript"></script> ... <script type="text/javascript" src="http://ajax.googleapis.com/ajax/libs/jquery/1.2.6/jquery.min.js"></script> ... <script type="text/javascript" src="../shared/new_style/js/jquery.ifixpng.js"></script> ... <script type="text/javascript" src="../shared/new_style/js/jquery.history.js"></script> <script type="text/javascript" src="../shared/new_style/js/javafx.js"></script> ***Source:*** *Lines 17-377, Source code, HTML Document of webpage at URL* [*http://www.javafx.com/samples/ShoppingService/index.html*](http://www.javafx.com/samples/ShoppingService/index.html)

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
6b	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;	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein, 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. *See the evidence and information cited for claim element 1b supra which is expressly incorporated herein.*
6c	computer readable program code for causing said client	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	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, wherein the portion of said first hypermedia document is displayed within a first browser-controlled window on said client workstation,	websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein, 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, wherein the portion of said first hypermedia document is displayed within a first browser-controlled window on said client workstation. *See the evidence and information cited for claim element 1c supra which is expressly incorporated herein.*
6d	wherein said first distributed hypermedia document includes an embed text	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	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,	embodied therein. The computer usable media operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that 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. *See the evidence and information cited for claim element 1d supra which is expressly incorporated herein.*
6e	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	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein. The computer usable media operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that said object which has type information associated with it utilized by said browser to identify and locate an executable application external to the first distributed hypermedia document.

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	hypermedia document,	*See the evidence and information cited for claim element 1e supra which is expressly incorporated herein.*
6f	and 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	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein. The computer usable media operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that when said embed text format is parsed by said browser, it automatically invokes said executable application to execute on said client workstation in order to display said object. *See the evidence and information cited for claim element 1f supra which is expressly incorporated herein.*
6g	and enable an end-user to directly interact with said object within a display area created at said first	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein. The computer usable media operate in a hypermedia network environment that

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	location within the portion of said first distributed hypermedia document being displayed in said first browser-controlled window.	includes client workstations executing browsers. Each comprises computer readable program code for causing said client workstation to 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. *See the evidence and information cited for claim element 1g supra which is expressly incorporated herein.*
7pre	The computer program product of claim 6, wherein said executable application is a controllable application and further comprising:	Sun Microsystems's websites, the Sun Microsystems's websites themselves and the servers hosting Sun Microsystems's websites and/or the users' computers accessing Sun Microsystems's websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers which further comprises the computer program product of claim 6, wherein said executable application is a controllable application and further comprising the element set forth below. *See the evidence and information cited for claim element 2 pre supra which is expressly incorporated herein.*
7a	computer readable program code for causing said client workstation to interactively control	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	said controllable application on said client workstation via inter-process communications between said browser and said controllable application.	embodied therein, 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. *See the evidence and information cited for claim element 2a supra which is expressly incorporated herein.*
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	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein. The computer usable media operate in a hypermedia network environment that includes client workstations executing browsers. Each comprises 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. *See the evidence and information cited for claim elements 1g and 2a supra which is expressly incorporated herein.*

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	application program has been launched.	
9pre	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:	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein. Each comprises 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 the following elements. *See the evidence and information cited for the claim elements 1pre and 1a supra which is expressly incorporated herein.*
9a	a computer usable medium having computer readable	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	program code physically embodied therein, said computer program product further comprising:	websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein, said computer program product further comprising the following elements. *See the evidence and information cited for the claim element 6a supra which is expressly incorporated herein.*
9b	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	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein, 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. *See the evidence and information cited for claim element 1b supra which is expressly incorporated herein.*

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	processes specified by said text formats;	
9c	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, wherein the portion of said first hypermedia document is displayed within a first browser-controlled window on said client workstation,	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein, 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, wherein the portion of said first hypermedia document is displayed within a first browser-controlled window on said client workstation. *See the evidence and information cited for claim element 1c supra which is expressly incorporated herein.*

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
9d	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,	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein. The computer usable media operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that 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. *See the evidence and information cited for claim element 1d supra which is expressly incorporated herein.*
9e	wherein said object has type information associated with it utilized by said browser to identify	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein. The computer usable media operate in a hypermedia network environment that

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	and locate an executable application external to the first distributed hypermedia document,	includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that said object which has type information associated with it utilized by said browser to identify and locate an executable application external to the first distributed hypermedia document. *See the evidence and information cited for claim element 1e supra which is expressly incorporated herein.*
9f	and 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	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein. The computer usable media operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that when said embed text format is parsed by said browser, it automatically invokes said executable application to execute on said client workstation in order to display said object. *See the evidence and information cited for claim element 1f supra which is expressly incorporated herein.*

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
9g	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;	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein. The computer usable media operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that it enables 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. *See the evidence and information cited for claim element 1g supra which is expressly incorporated herein.*
9h	wherein said executable application is a controllable application and further comprising:	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein. The computer usable media operate in a hypermedia network environment that includes client workstations executing browsers and where said executable application is a controllable application that further comprises the elements set forth below.

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		See the evidence and information cited for claim element 2pre supra which is expressly incorporated herein.
9i	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;	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein, 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. *See the evidence and information cited for claim element 2a supra which is expressly incorporated herein.*
9j	wherein the communications to interactively control said controllable application continue to be exchanged	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein. The computer usable media operate in a hypermedia network environment that

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	between the controllable application and the browser even after the controllable application program has been launched; and	includes client workstations executing browsers, 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. *See the evidence and information cited for claim elements 1g and 2a supra which is expressly incorporated herein.*
9k	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	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein. The computer usable media operate in a hypermedia network environment that includes client workstations executing browsers, wherein the additional instructions for controlling said controllable application reside on said network server, wherein said step of interactively controlling said controllable application includes the following elements. *See the evidence and information cited for claim element 4k supra which is expressly incorporated herein.*

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	client workstation includes:	
9l	computer readable program code for causing said client workstation to issue, from the client workstation, one or more commands to the network server;	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein. The computer usable media operate in a hypermedia network environment that includes client workstations executing browsers, wherein the workstation possesses computer readable program code for causing said client workstation to issue, from the client workstation, one or more commands to the network server. *See the evidence and information cited for claim element 4l supra which is expressly incorporated herein.*
9m	computer readable program code for causing said network server to execute one or more instructions in response to said commands;	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein. The computer usable media operate in a hypermedia network environment that includes client workstations executing browsers, wherein the computer readable program code causes said network server to execute one or more instructions in response to said commands.

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		See the evidence and information cited for claim element 4m supra which is expressly incorporated herein.
9n	computer readable program code for causing said network server to send information to said client workstation in response to said executed instructions; and	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein. The computer usable media operate in a hypermedia network environment that includes client workstations executing browsers, wherein the computer readable program code causes said network server to send information to said client workstation in response to said executed instructions. *See the evidence and information cited for claim element 4n supra which is expressly incorporated herein.*
9o	computer readable program code for causing said client workstation to process said information at the client workstation	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein, causing said client workstation to process said information at the client workstation to interactively control said controllable application.

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	to interactively control said controllable application.	*See the evidence and information cited for claim element 4o supra which is expressly incorporated herein.*
10pre	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:	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein. The computer usable media operate in a hypermedia network environment that includes 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 the following elements. *See the evidence and information cited for the claim elements 1pre and 1a supra which is expressly incorporated herein.*

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
10a	a computer usable medium having computer readable program code physically embodied therein, said computer program product further comprising:	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein. The computer usable media operate in a hypermedia network environment that includes client workstations executing browsers, said computer program product further comprising the following elements. *See the evidence and information cited for the claim element 6a supra which is expressly incorporated herein.*
10b	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	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein, 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. *See the evidence and information cited for claim element 1b supra which is expressly incorporated herein.*

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	hypermedia document and to respond to predetermined text formats to initiate processes specified by said text formats;	
10c	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, wherein the portion of said first hypermedia	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein, 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, wherein the portion of said first hypermedia document is displayed within a first browser-controlled window on said client workstation. *See the evidence and information cited for claim element 1c supra which is expressly incorporated herein.*

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	document is displayed within a first browser-controlled window on said client workstation,	
10d	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,	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein. The computer usable media operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that 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. *See the evidence and information cited for claim element 1d supra which is expressly incorporated herein.*

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
10e	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,	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein. The computer usable media operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that said object which has type information associated with it utilized by said browser to identify and locate an executable application external to the first distributed hypermedia document. *See the evidence and information cited for claim element 1e supra which is expressly incorporated herein.*
10f	and wherein said embed text format is parsed by said browser to automatically invoke said executable application to execute on said	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein. The computer usable media operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that when said embed text format is parsed by said browser, it

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	client workstation in order to display said object	automatically invokes said executable application to execute on said client workstation in order to display said object. *See the evidence and information cited for claim element 1f supra which is expressly incorporated herein.*
10g	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;	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein. The computer usable media operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that it enables 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. *See the evidence and information cited for claim element 1g supra which is expressly incorporated herein.*
10h	wherein said executable application is a	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	controllable application and further comprising:	websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein. The computer usable media operate in a hypermedia network environment that includes client workstations executing browsers and where said executable application is a controllable application that further comprises the elements set forth below. *See the evidence and information cited for claim element 2pre supra which is expressly incorporated herein.*
10i	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;	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein, 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. *See the evidence and information cited for claim element 2a supra which is expressly incorporated herein.*

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
10j	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;	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein. The computer usable media operate in a hypermedia network environment that includes client workstations executing browsers, 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. *See the evidence and information cited for the claim elements 1g and 2a which is expressly incorporated herein.*
10k	wherein additional instructions for controlling said controllable application reside on said network server, wherein said computer readable program code for causing	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein. The computer usable media operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that said step of interactively controlling said controllable application includes the following elements.

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	said client workstation to interactively control said controllable application on said client workstation includes:	*See the evidence and information cited for claim element 4k supra which is expressly incorporated herein.*
10l	computer readable program code for causing said client workstation to issue, from the client workstation, one or more commands to the network server;	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein. The computer usable media operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that the client workstation is caused to issue one or more commands to the network server. *See the evidence and information cited for claim element 4l supra which is expressly incorporated herein.*
10m	computer readable program code for	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	causing said network server to execute one or more instructions in response to said commands;	(such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein. The computer usable media operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that the network server executes one or more instructions in response to said commands. *See the evidence and information cited for claim element 4m supra which is expressly incorporated herein.*
10n	computer readable program code for causing said network server to send information to said client workstation in response to said executed instructions; and	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein. The computer usable media operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that information is sent from said network server to said client workstation in response to said executed instructions.

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		See the evidence and information cited for claim element 4n supra which is expressly incorporated herein.
10o	computer readable program code for causing said client workstation to process said information at the client workstation to interactively control said controllable application; and	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein. The computer usable media operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that the client workstation processes said information at the client workstation to interactively control said controllable application. *See the evidence and information cited for claim element 4o supra which is expressly incorporated herein.*
10p	wherein said additional instructions for controlling said controllable application reside on said client	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein. The computer usable media operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	workstation.	communications to client workstations in the distributed hypermedia network and format the communications so that the additional instructions for controlling said controllable application reside on said client workstation. *See the evidence and information cited for claim element 5p supra which is expressly incorporated herein.*
11pre	The method of claim 3, wherein the additional instructions for controlling said controllable application reside on said network server, wherein said step of interactively controlling said controllable application includes the following sub-steps:	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers which further comprises the method of claim 3, wherein the additional instructions for controlling said controllable application reside on said network server, wherein said step of interactively controlling said controllable application includes the following sub-steps identified below. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use. *See the evidence and information cited for the claim element 4k supra which is expressly incorporated herein.*

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
11a	issuing, from the client workstation, one or more commands to the network server;	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that the client workstation is caused to issue one or more commands to the network server. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use. *See the evidence and information cited for the claim element 4l supra which is expressly incorporated herein.*
11b	executing, on the network server, one or more instructions in response to said commands;	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that the network server executes one or more instructions in response to said commands. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use. *See the evidence and information cited for the claim element 4m supra which is expressly incorporated herein.*

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
11c	sending information from said network server to said client workstation in response to said executed instructions;	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that information is sent from said network server to said client workstation in response to said executed instructions. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use. *See the evidence and information cited for the claim element 4n supra which is expressly incorporated herein.*
11d	and processing said information at the client workstation to interactively control said controllable application.	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers. Sun Microsystems's servers transmit a series of communications to client workstations in the distributed hypermedia network. Sun Microsystems's servers format the communications so that the client workstation processes said information at the client workstation to interactively control said controllable application. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use.

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
		See the evidence and information cited for the claim element 4o supra which is expressly incorporated herein.
12	The method of claim 11, wherein said additional instructions for controlling said controllable application reside on said client workstation.	Users of Sun Microsystems's websites, the websites themselves and/or the servers hosting that websites (and/or the combination thereof), operate in a hypermedia network environment that includes client workstations executing browsers which further comprises the method of claim 11, wherein said additional instructions for controlling said controllable application reside on said client workstation. In addition, Sun Microsystems provides the infrastructure (e.g. servers, Sun Microsystems's websites, etc.), in addition to instructions to users, and causes them to use Sun Microsystems's websites in an infringing manner in its default and expected use. *See the evidence and information cited for claim element 5p supra which is expressly incorporated herein.*
13pre	The computer program product of claim 8, wherein additional instructions for controlling said controllable application reside on said network server, wherein	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein. The computer program products of claim 8 operate in a hypermedia network environment that includes client workstations executing browsers, 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 elements.

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	said computer readable program code for causing said client workstation to interactively control said controllable application on said client workstation includes:	*See the evidence and information cited for claim element 4k supra which is expressly incorporated herein.*
13a	computer readable program code for causing said client workstation to issue, from the client workstation, one or more commands to the network server;	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein, causing said client workstation to issue, from the client workstation, one or more commands to the network server. *See the evidence and information cited for claim element 4l supra which is expressly incorporated herein.*
13b	computer readable program code for	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	causing said network server to execute one or more instructions in response to said commands;	(such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein, causing said network server to execute one or more instructions in response to said commands. *See the evidence and information cited for claim element 4m supra which is expressly incorporated herein.*
13c	computer readable program code for causing said network server to send information to said client workstation in response to said executed instructions; and	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein, causing said network server to send information to said client workstation in response to said executed instructions. *See the evidence and information cited for claim element 4n supra which is expressly incorporated herein.*
13d	computer readable program code for causing said client workstation to	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are

* Allegation not limited to the browser in use

Claim	Claim Language	Exemplary evidence from Sun Microsystems' websites
	process said information at the client workstation to interactively control said controllable application.	hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein, causing said client workstation to process said information at the client workstation to interactively control said controllable application. *See the evidence and information cited for claim element 4o supra which is expressly incorporated herein.*
14	The computer program product of claim 13, wherein said additional instructions for controlling said controllable application reside on said client workstation.	Sun Microsystems's websites, as well as the Sun Microsystems's servers which host them, and the computers of users of the Sun Microsystems's websites each comprise a computer usable medium (such as a DVD/CD-ROM, the hard-disk/volatile memory of the user of the Sun Microsystems's websites, the hard-disk/volatile memory of the server from which the Sun Microsystems's websites are hosted, and etc.). The computer usable medium has computer readable program code physically embodied therein. The computer program products of claim 13 operate in a hypermedia network environment that includes client workstations executing browsers, wherein said additional instructions for controlling said controllable application reside on said client workstation. *See the evidence and information cited for the claim element 5p supra which is expressly incorporated herein.*

* Allegation not limited to the browser in use