

# EXHIBIT E

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PATENT

Technology Center 2100

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Cox et al.

Group Art Unit: 2155

Serial No.: 09/211,528

Examiner: Backer, F.

Filed: December 14, 1998

For: METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR CENTRALIZED MANAGEMENT OF APPLICATION PROGRAMS ON A NETWORK

#7/A  
LDS  
6-7-01  
entered

May 31, 2001

Commissioner for Patents  
Washington, DC 20231

**AMENDMENT**

Sir:

This Amendment is responsive to the Official Action ("Action") mailed March 28, 2001. As the amendments to the claims below are limited to the addition of new claims, Applicants respectfully submit that a version of the amendments with the changes marked is not required. Applicants affirm the election of the Group 1 claims as patentability of the claims in the respective groups does not depend on the patentability of claims in the other group.

**In The Claims:**

Please cancel Claims 15-20 and 22 without prejudice for purposes of filing the Group II claims in a divisional application.

Please add the following new claims:

~~14~~ ~~24~~ (New) A system according to Claim ~~24~~ further comprising:  
means for maintaining application management information for the plurality of applications at the server; and  
wherein the means for establishing a user desktop includes means for including a plurality of display regions associated with a set of the plurality of application programs for which the user is authorized responsive to the application management information.

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<sup>18</sup>/~~25~~. (New) A system according to Claim <sup>17</sup>/~~24~~ wherein the means for establishing a user desktop includes:

means for distributing application launcher programs associated with each of the set of the plurality of application programs for which the user is authorized to the client; and wherein the means for receiving a selection includes means for receiving the selection from a one of the application launcher programs which is associated with the selected one of the plurality of application programs.

<sup>19</sup>/~~26~~. (New) A system according to Claim <sup>18</sup>/~~25~~ wherein the means for maintaining includes means for maintaining configurable user preference information for the plurality of application programs at the server and wherein the means for providing an instance includes means for providing a set of the configurable user preference information associated with the user and the selected one of the plurality of application programs to the client.

<sup>20</sup>/~~27~~. (New) A system according to Claim <sup>19</sup>/~~26~~ wherein the set of the configurable user preference information includes user preferences configurable by the user and user preferences not configurable by the user which are configurable by an administrator and further comprising means for updating the user preferences configurable by the user responsive to updates from the user and updating the user preferences not configurable by the user responsive to updates from the administrator.

<sup>21</sup>/~~28~~. (New) A system according to Claim <sup>18</sup>/~~25~~ wherein the application launcher programs are JAVA™ applets and the user desktop interface is a JAVA™ applet executed by a web browser.

<sup>22</sup>/~~29~~. (New) A system according to Claim <sup>15</sup>/~~21~~ wherein the means for establishing a user desktop includes;

means for configuring the user desktop interface responsive to an identifier of the user associated with the login request so as to provide associated information for the user desktop interface; and

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means for providing the user desktop interface and the associated information for the user desktop interface to the client for display.

<sup>23</sup>  
~~30.~~ (New) A system according to Claim ~~29~~<sup>22</sup> wherein the means for configuring the user desktop includes means for configuring the user desktop interface not to include display regions associated with any of the plurality of application programs installed at the server for which the user is not authorized.

<sup>24</sup>  
~~21.~~ (New) A system according to Claim ~~21~~<sup>15</sup> further comprising means for determining a license availability for the selected one of the plurality of application programs for the user and wherein the means for providing includes means for providing an unavailability indication to the client responsive to the selection if the license availability indicates that a license is not available for the user.

<sup>25</sup>  
~~32.~~ (New) A system according to Claim ~~31~~<sup>24</sup> wherein the means for establishing a user desktop includes means for distributing application launcher programs associated with each of the set of the plurality of application programs for which the user is authorized to the client and wherein the means for receiving a selection includes means for receiving the selection from a one of the application launcher programs which is associated with the selected one of the plurality of application programs and wherein the means for determining a license availability includes means, associated with one of the application launcher programs associated with the selected one of the plurality of application programs, for obtaining the license availability from a license management server.

<sup>26</sup>  
~~33.~~ (New) A system according to Claim ~~32~~<sup>25</sup> wherein the license management server is the server.

<sup>27</sup>  
~~34.~~ (New) A system according to Claim ~~31~~<sup>15</sup> wherein the plurality of application programs are installed on a network drive accessible to the server.

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<sup>28</sup>/<sub>25</sub>. (New) A system according to Claim <sup>15</sup>/<sub>21</sub> further comprising means for receiving at the server event logging information from the instance of the selected one of the plurality of application programs.

<sup>29</sup>/<sub>26</sub>. (New) A system according to Claim <sup>28</sup>/<sub>35</sub> further comprising means for providing the received event logging information to a network management server associated with the server.

<sup>30</sup>/<sub>27</sub>. (New) A computer program product according to Claim <sup>16</sup>/<sub>23</sub> further comprising:

computer readable program code means for maintaining application management information for the plurality of applications at the server; and

wherein the computer readable program code means for establishing a user desktop includes computer readable program code means for including a plurality of display regions associated with a set of the plurality of application programs for which the user is authorized responsive to the application management information.

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<sup>31</sup>/<sub>28</sub>. (New) A computer program product according to Claim <sup>30</sup>/<sub>37</sub> wherein the computer readable program code means for establishing a user desktop includes:

computer readable program code means for distributing application launcher programs associated with each of the set of the plurality of application programs for which the user is authorized to the client; and

wherein the computer readable program code means for receiving a selection includes computer readable program code means for receiving the selection from a one of the application launcher programs which is associated with the selected one of the plurality of application programs.

<sup>32</sup>/<sub>29</sub>. (New) A computer program product according to Claim <sup>31</sup>/<sub>38</sub> wherein the computer readable program code means for maintaining includes computer readable program code means for maintaining configurable user preference information for the plurality of

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