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(12) United States Patent Schmidt et al.

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(54) METHOD MIGRATING OPEN NETWORK CONNECTIONS

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patent is extended or adjusted under 35 U.S.C. 154(b) by 641 days.

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(65) Prior Publication Data

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(51) **Int. Cl.**⁷ **G06F 15/177**; G06F 15/16

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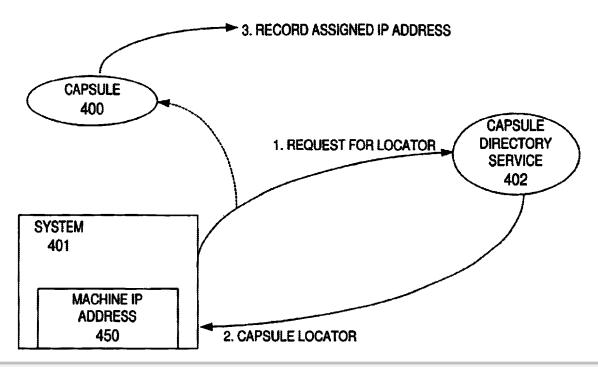
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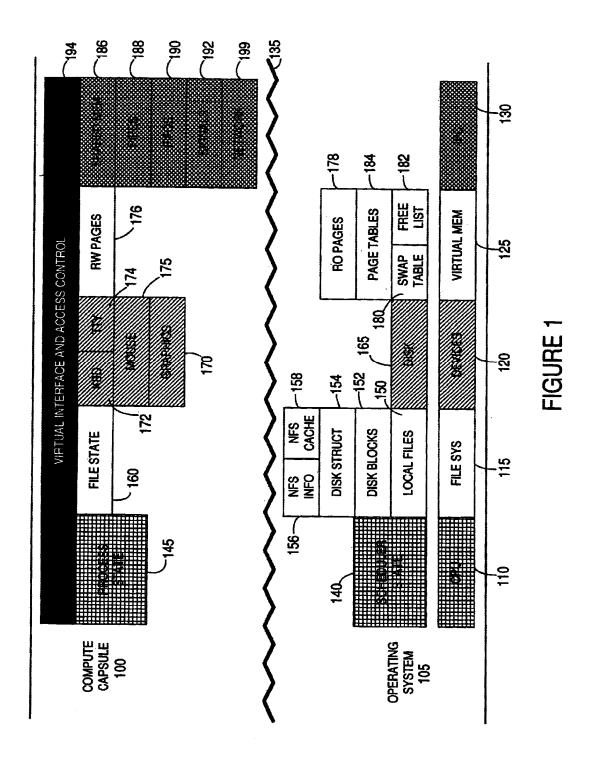
(57) ABSTRACT

A mechanism for the migration of open network connections is described herein. According to one or more embodiments of the present invention, an active computing environment called compute capsule is provided. Each capsule has a unique locator. Packets are used to send information between capsules using the locators. When a capsule migrates, any open network connections that existed before the migration may continue when the capsule finishes the migration.

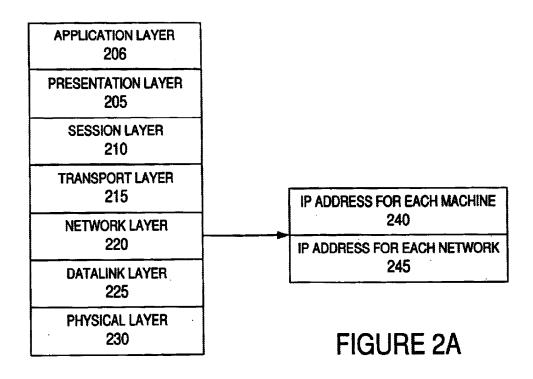
16 Claims, 11 Drawing Sheets

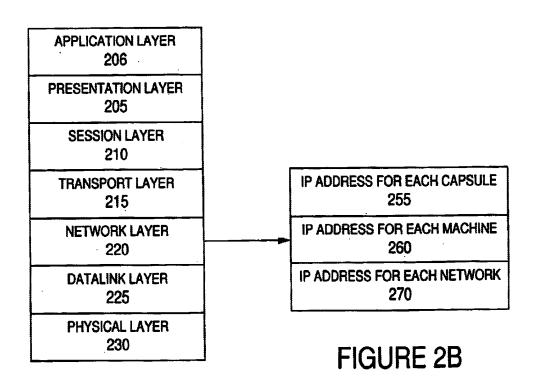














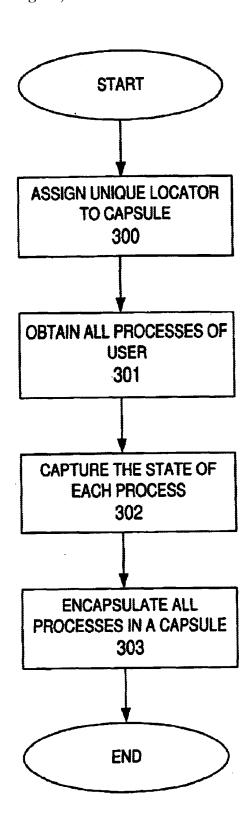


FIGURE 3



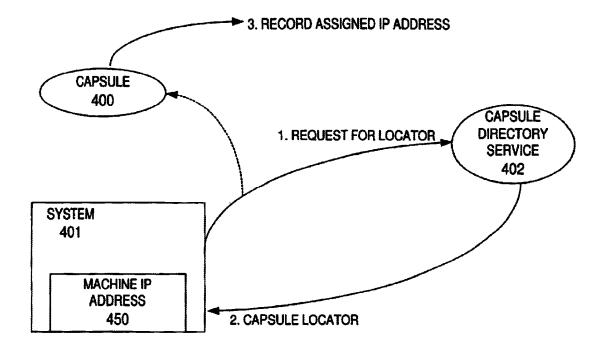


FIGURE 4

DOCKET

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