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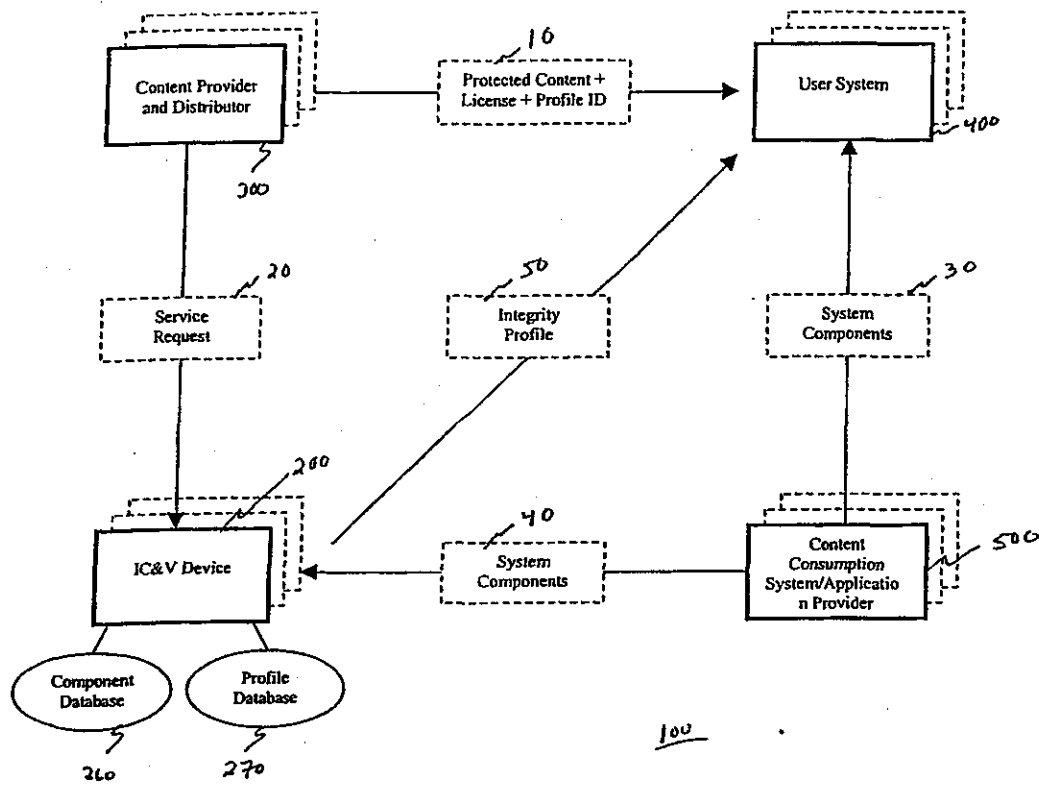


Fig. 1

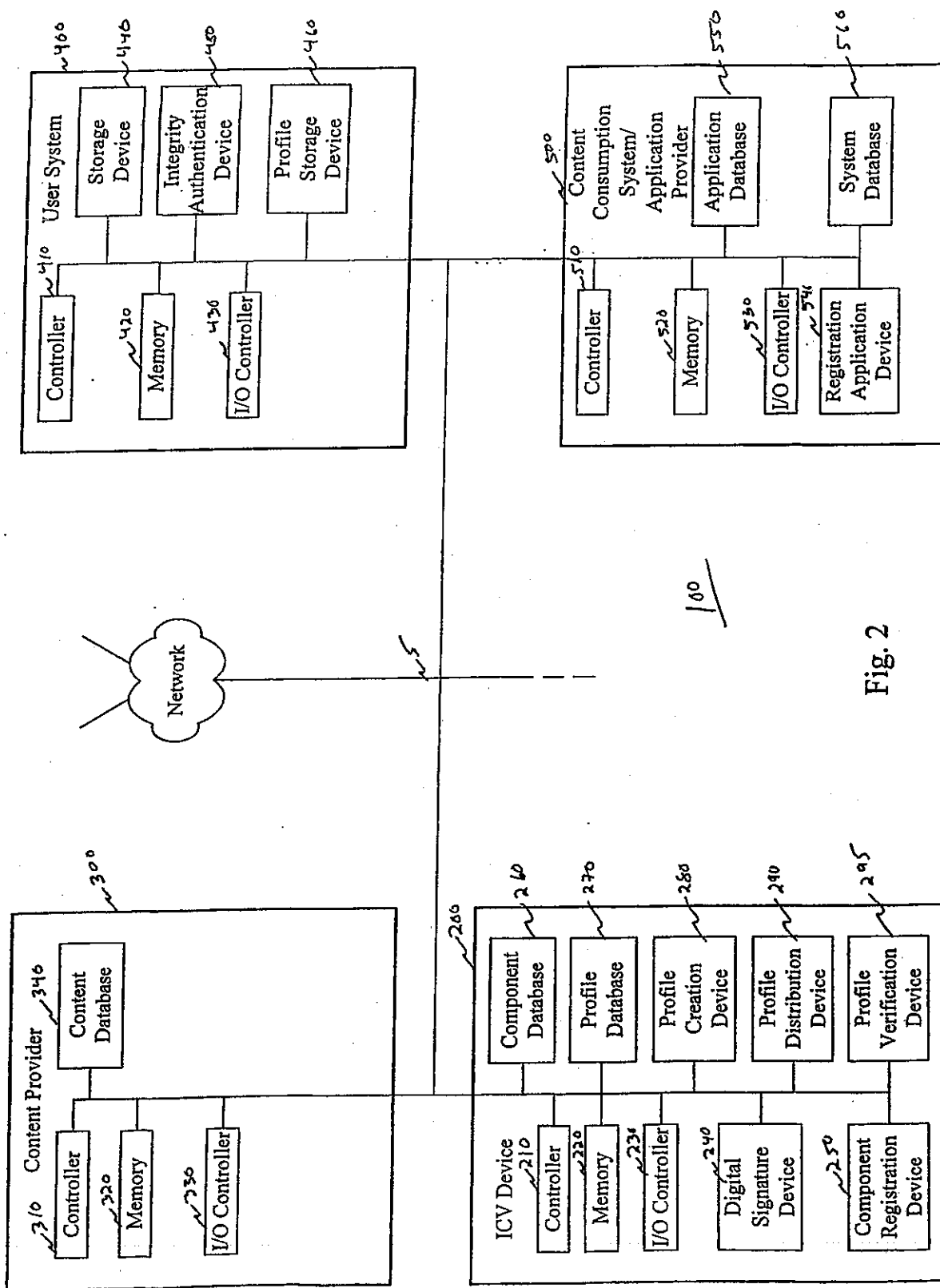


Fig. 2

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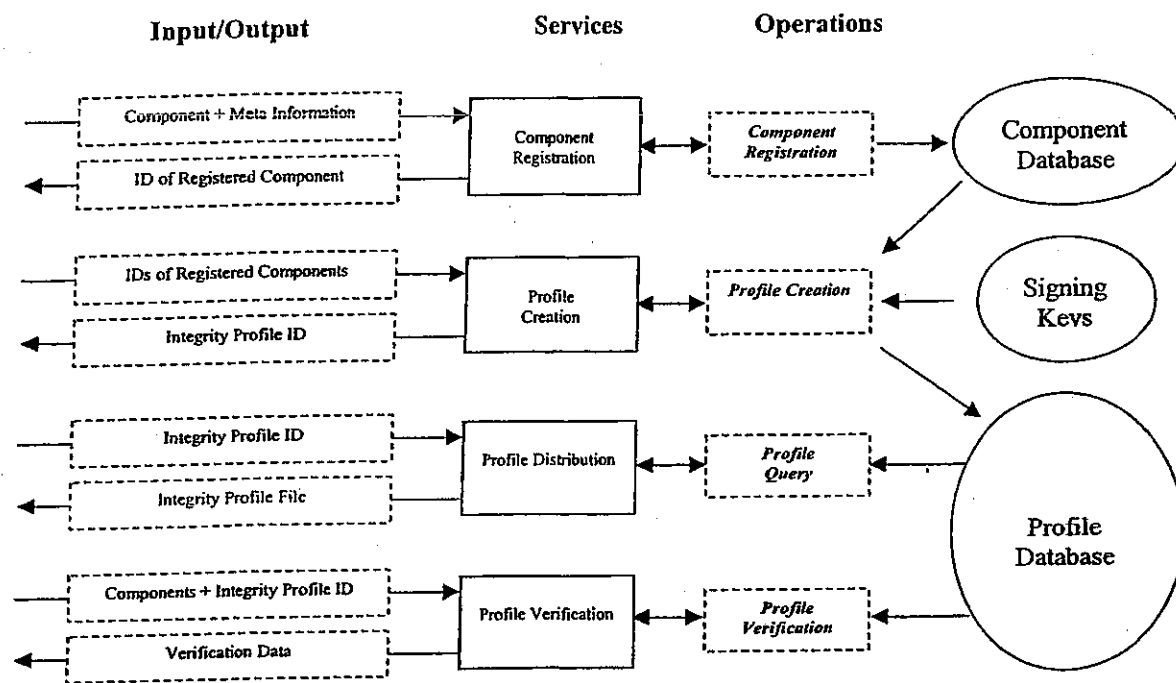


Fig. 3

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Figure 4. A structure of the integrity profile.

Integrity profile identification
Version number of integrity profile
Creation date
Creator
Content Provider Name and ID
A list of integrity values (e.g., hash values) of the components
(optional) Interaction relationship among the components
Digital signature of integrity profile

Figure 5. A general end-user system environment stack

Integrity Authenticator
System Component 1
System Component 2
⋮
System Component N

Figure 6. An example of an end-user system environment stack

Integrity Authenticator
Plug-in
Rendering Application
Operating System
OS Boot Strap
PC Hardware

Figure 7.

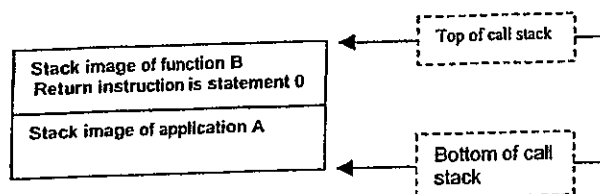


Figure 8.

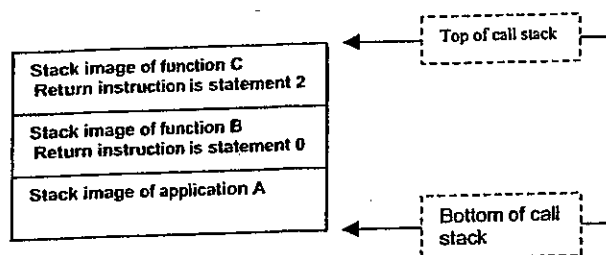


Figure 9.

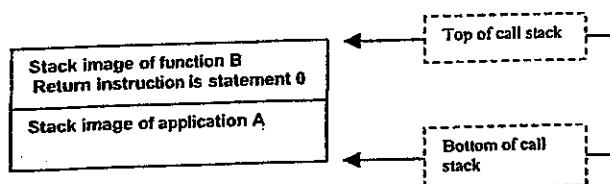
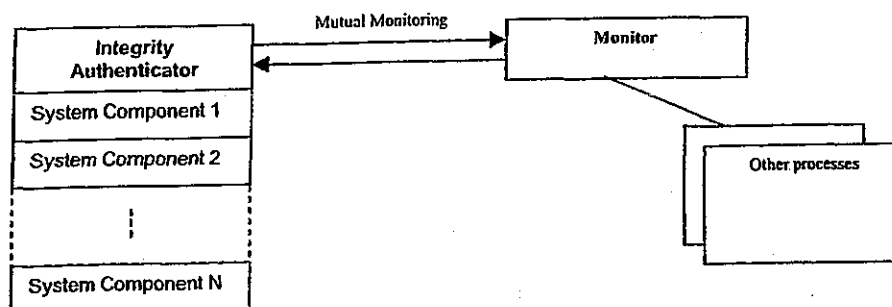


Figure 10. Protection of the execution environment by preventing dynamic tampering using monitoring, such as debugging



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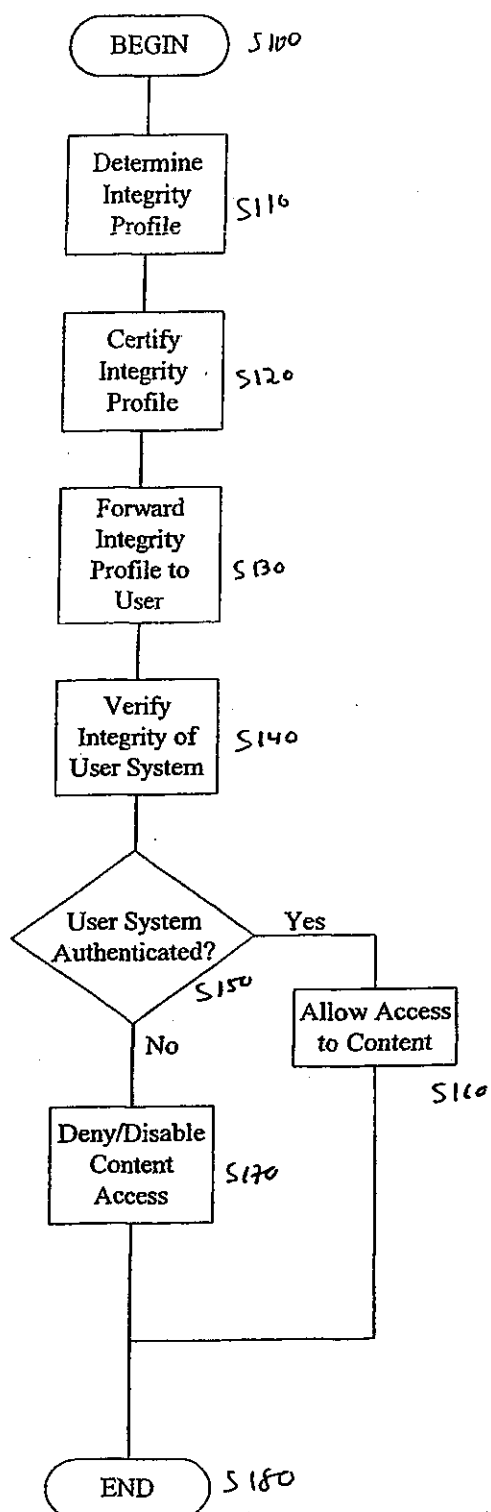


Fig. 11

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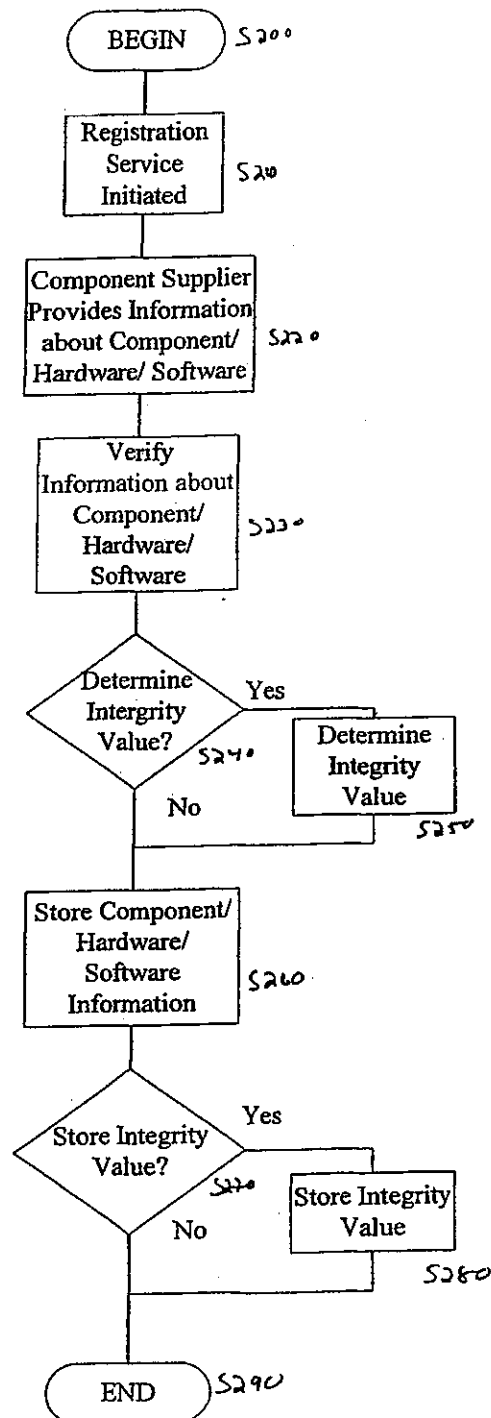


Fig. 12

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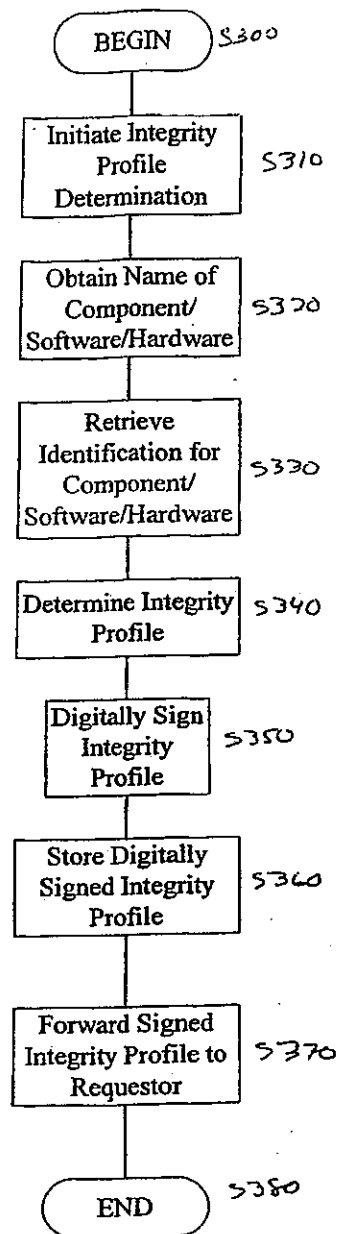


Fig. 13

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