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(54) **SYSTEM AND METHOD FOR INTEGRATING SECURE AND NON-SECURE SOFTWARE OBJECTS**

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(57) **ABSTRACT**

A secure first process uses a non-secure software object by hosting said non-secure software object in a separate second process, where the first process's address space is inaccessible to the second process. The first process communicates with the second process, preferably by means of a COM API that the second process exposes to the first process. The application that runs in the second process may expose APIs of the hosted non-secure object to the first process, and the first process may communicate with the non-secure object hosted in the second process through this API. In a preferred embodiment, the second process renders its output in a child window of the first process, so that the use of a second process to host non-secure software objects is transparent to a user of the first process.

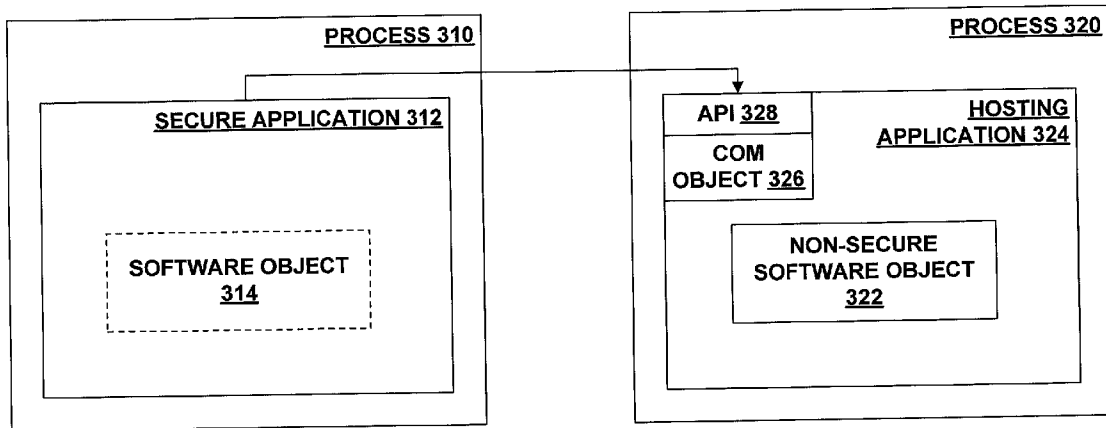
(73) **Assignee:** Microsoft Corporation

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Computer 100

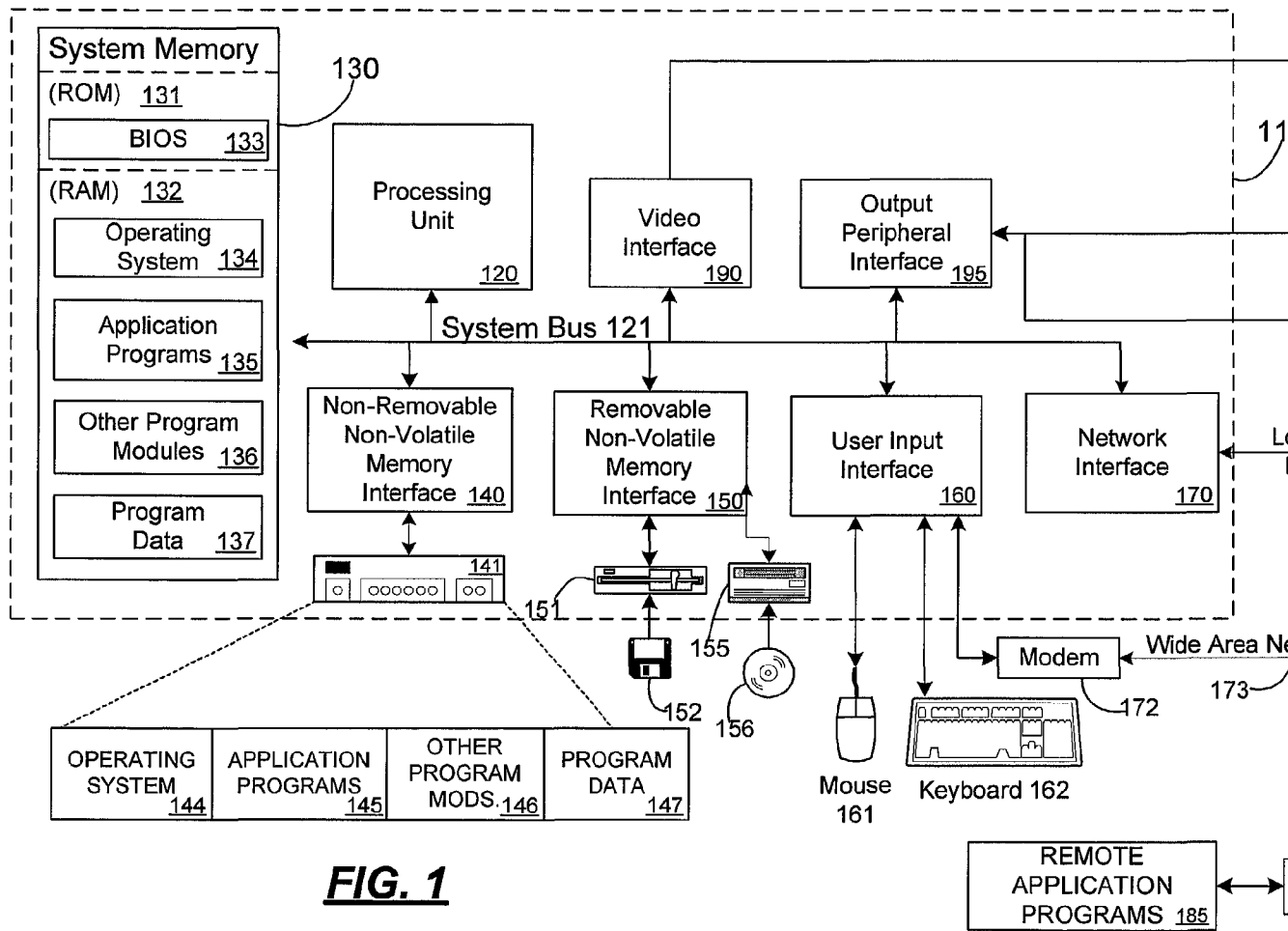


FIG. 1

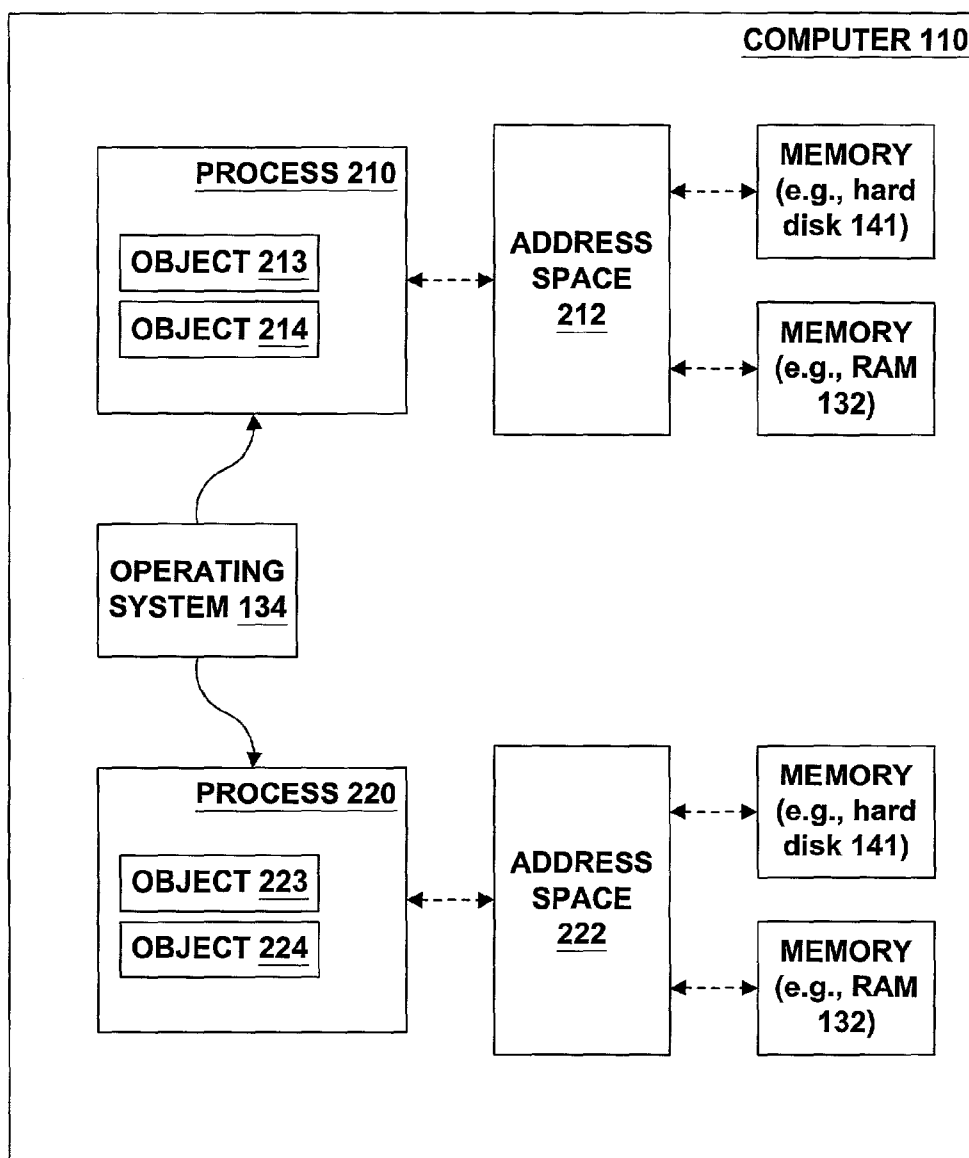


FIG. 2

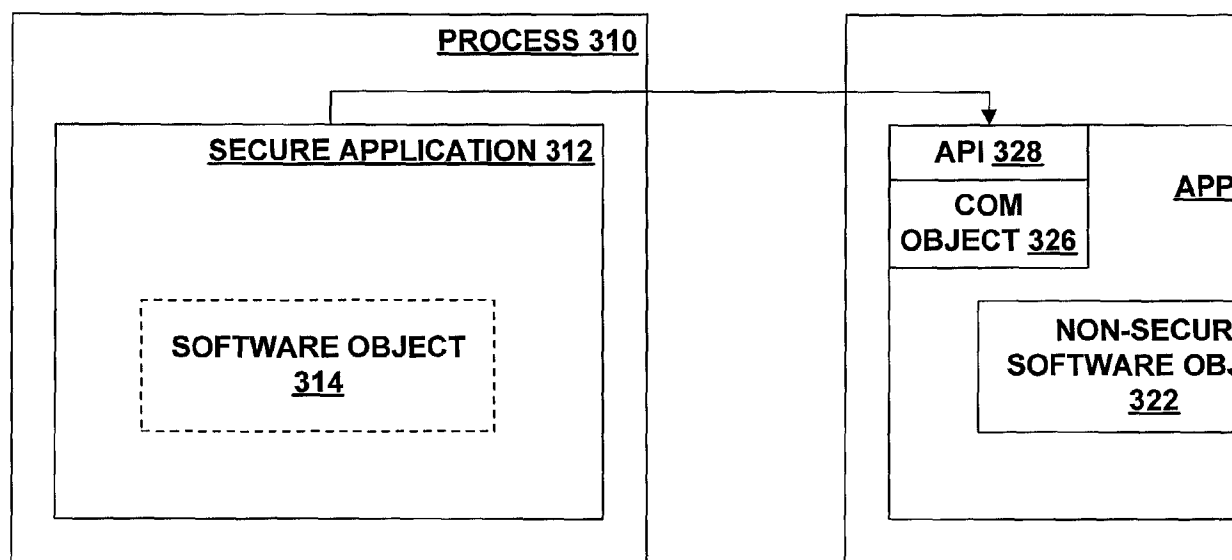


FIG. 3

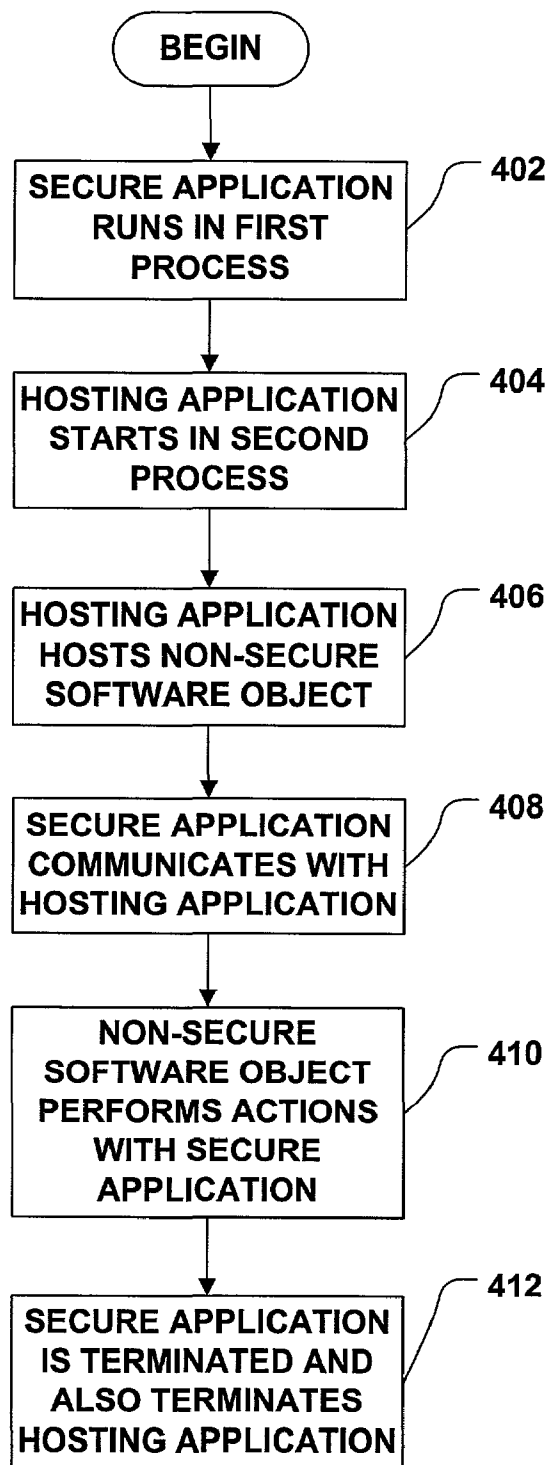


FIG. 4

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