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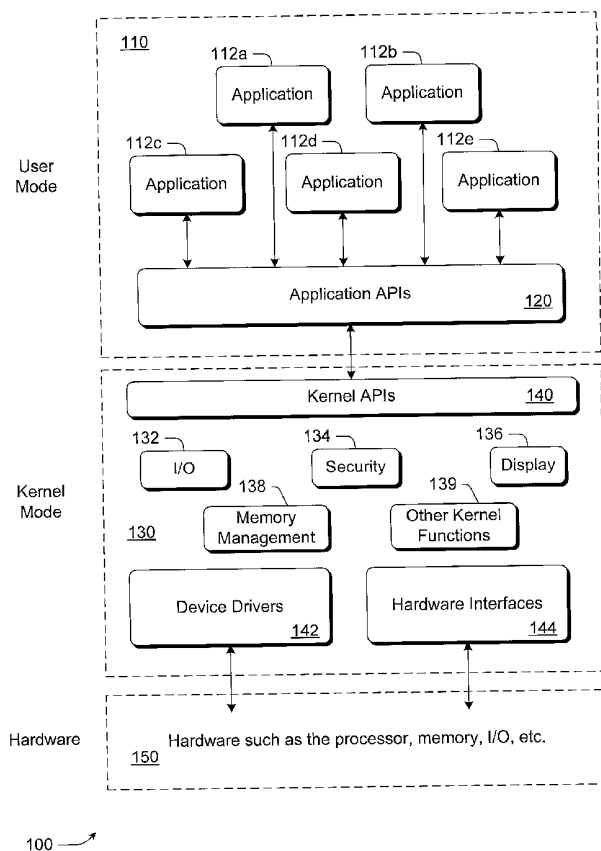
(19) **United States**(12) **Patent Application Publication** (10) **Pub. No.: US 2002/0052727 A1****Bond et al.**(43) **Pub. Date: May 2, 2002**(54) **KERNEL EMULATOR FOR NON-NATIVE PROGRAM MODULES****Publication Classification**(51) **Int. Cl.⁷** **G06F 9/455**(52) **U.S. Cl.** **703/26**(76) Inventors: **Barry Bond**, Maple Valley, WA (US);
ATM Shafiqul Khalid, Bellevue, WA (US)(57) **ABSTRACT**

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SPOKANE, WA 99201(21) Appl. No.: **09/847,535**(22) Filed: **May 1, 2001****Related U.S. Application Data**

(63) Non-provisional of provisional application No. 60/244,410, filed on Oct. 30, 2000.

Described herein is a technology facilitating the operation of non-native program modules within a native computing platform. This invention further generally relates to a technology facilitating the interoperability of native and non-native program modules within a native computing platform. More specifically, this technology involves an emulation of the kernel of the non-native operating system. Instead of interacting with the native kernel of the native computing platform, the non-native program modules interact with a non-native kernel emulator. This abstract itself is not intended to limit the scope of this patent. The scope of the present invention is pointed out in the appending claims.



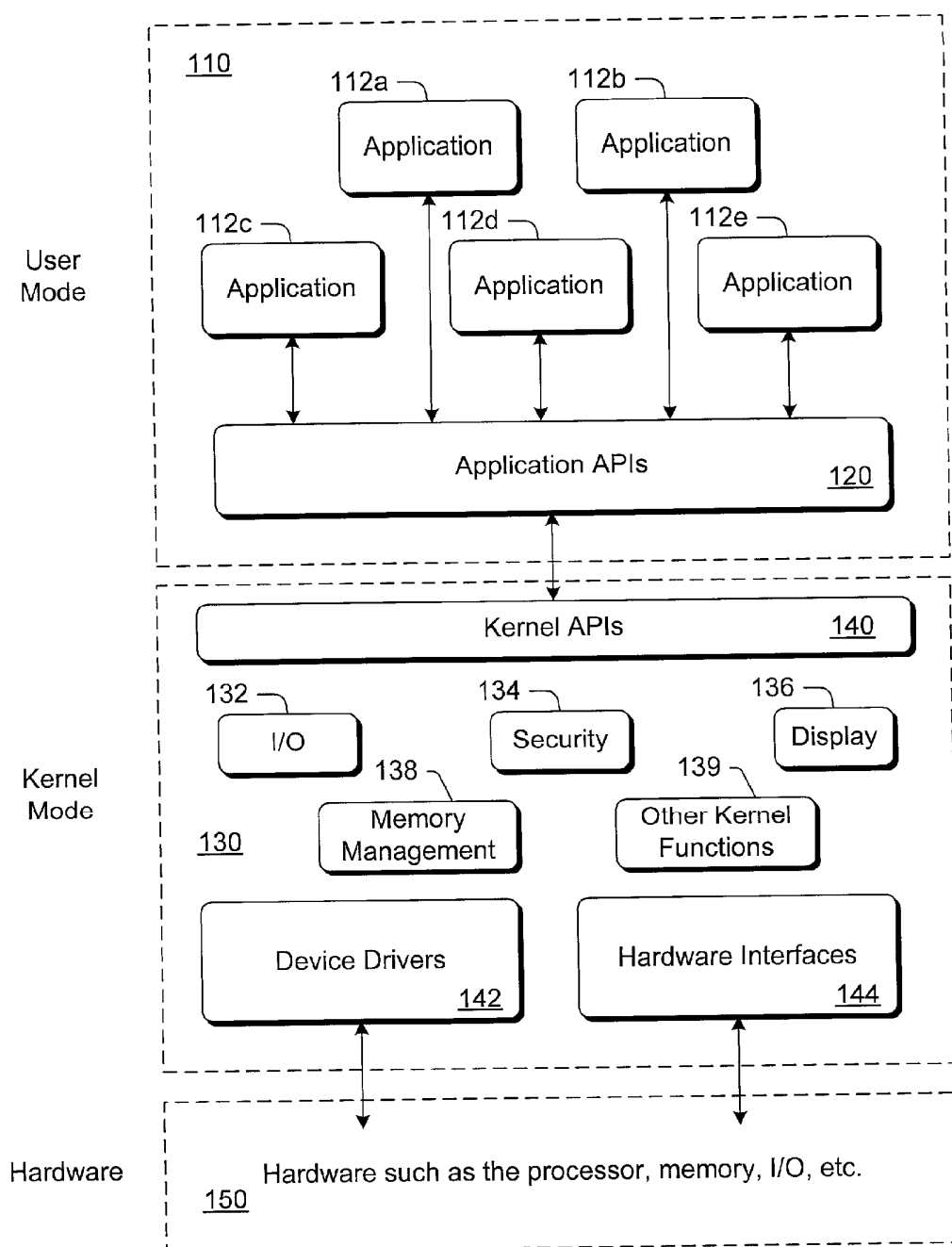


Fig. 1
(background)

100 —→

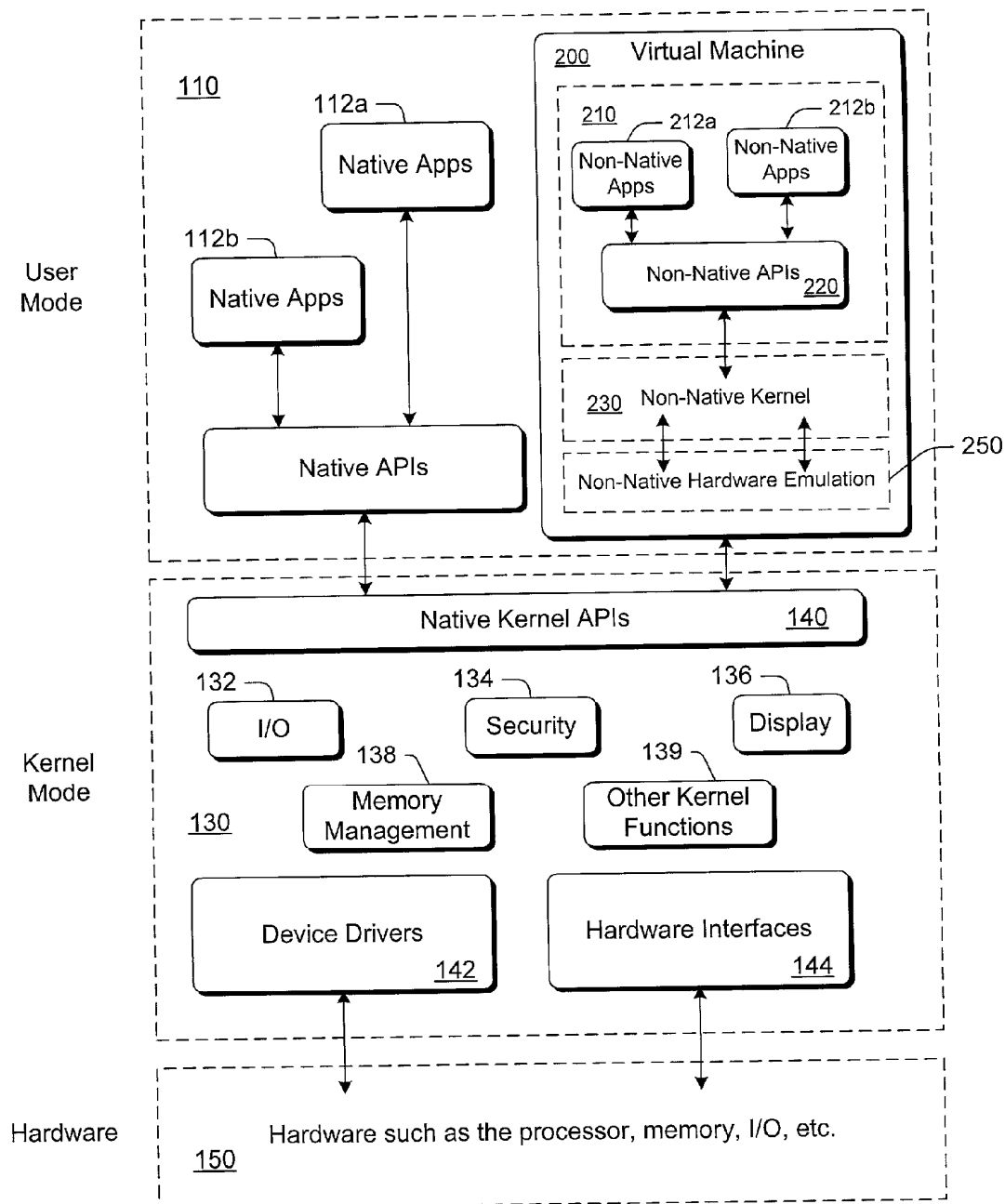
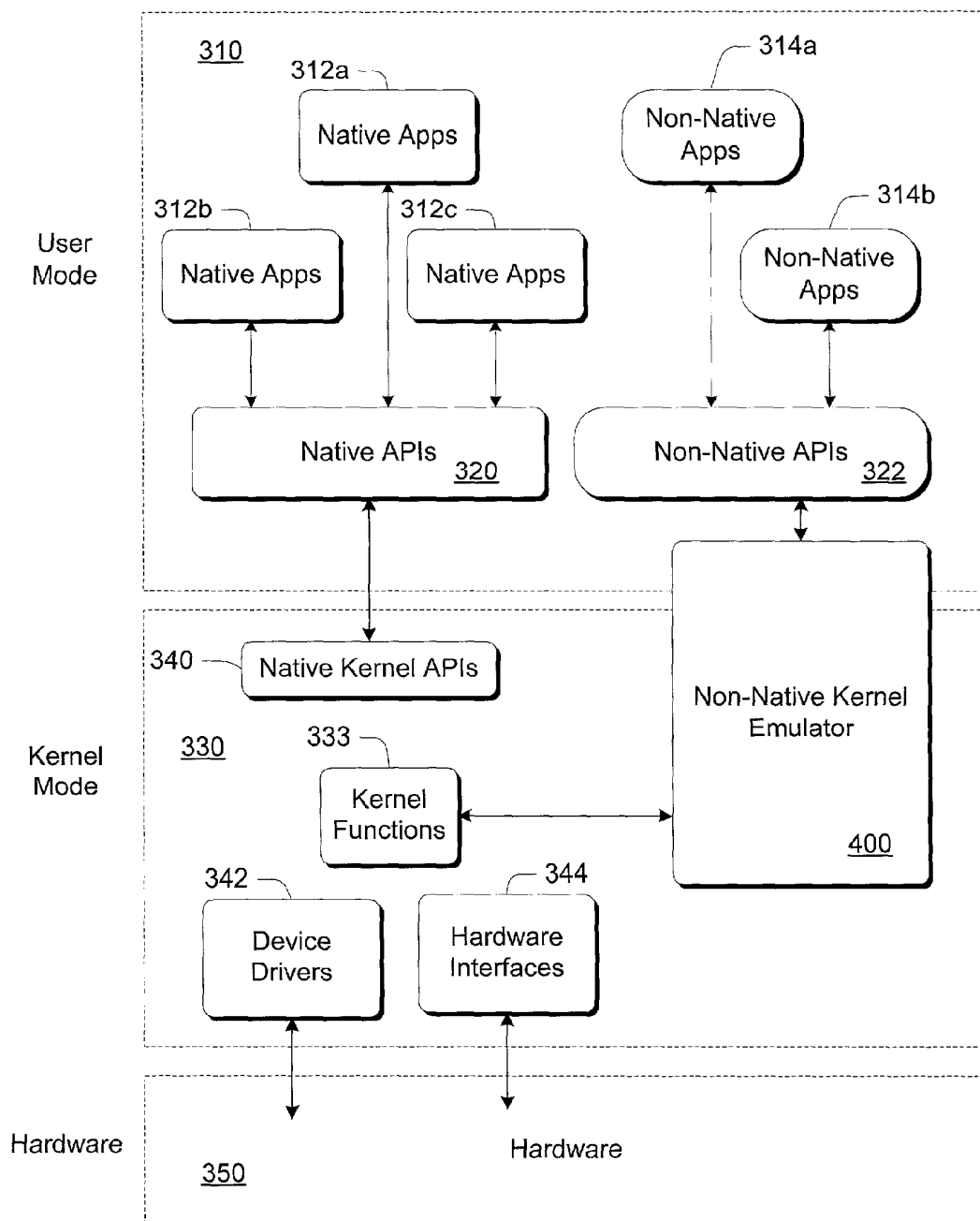


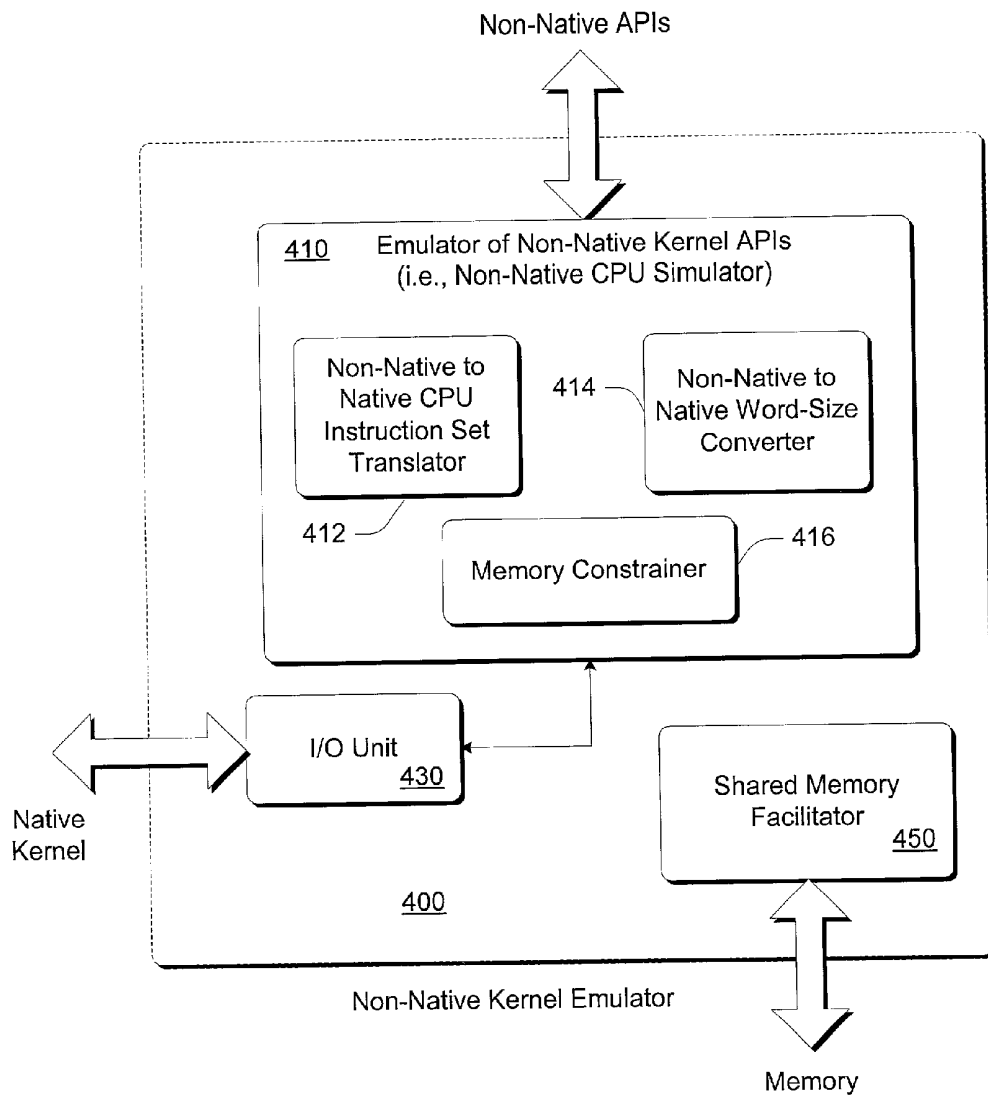
Fig. 2
(background)

100 →



300

Fig. 3

*Fig. 4*

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