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(54) **SYSTEM, METHOD AND PROGRAM TO MIGRATE A VIRTUAL MACHINE**

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(57) **ABSTRACT**

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A system, method and program product for migrating a first virtual machine from a first real computer to a second real computer or from a first LPAR to a second LPAR in a same real computer. Before migration, the first virtual machine comprises an operating system and an application in a first private memory private to the first virtual machine. A communication queue of the first virtual machine resides in a shared memory shared by the first and second computers or the first and second LPARs. The operating system and application are copied from the first private memory to the shared memory. The operating system and application are copied from the shared memory to a second private memory private to the first virtual machine in the second computer or second LPAR. Then, the first virtual machine is resumed in the second computer or second LPAR.

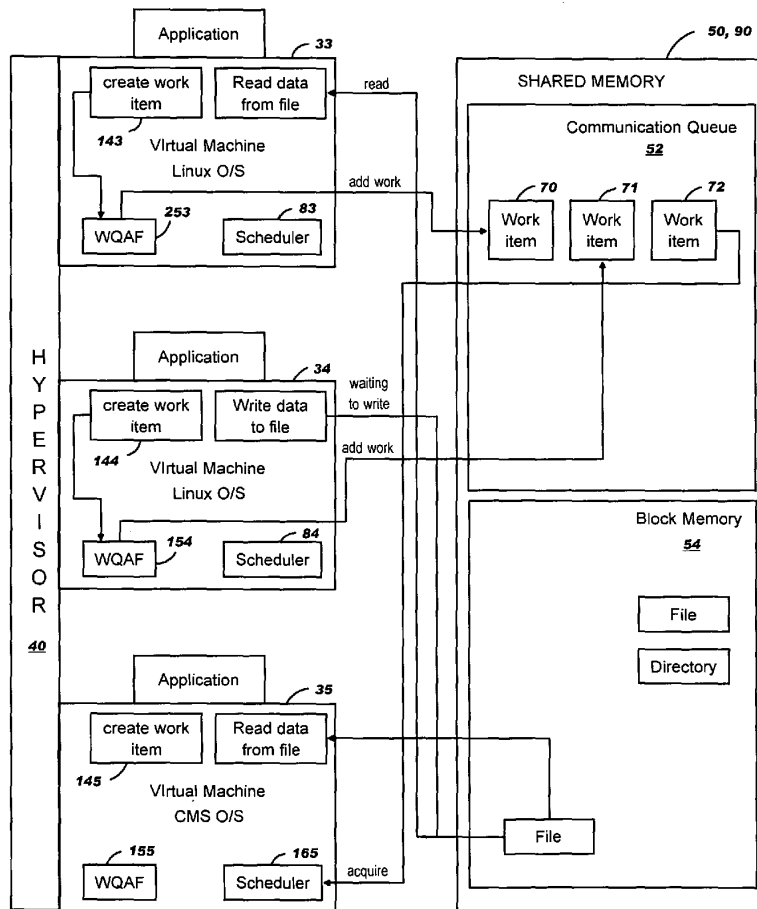


FIG. 1

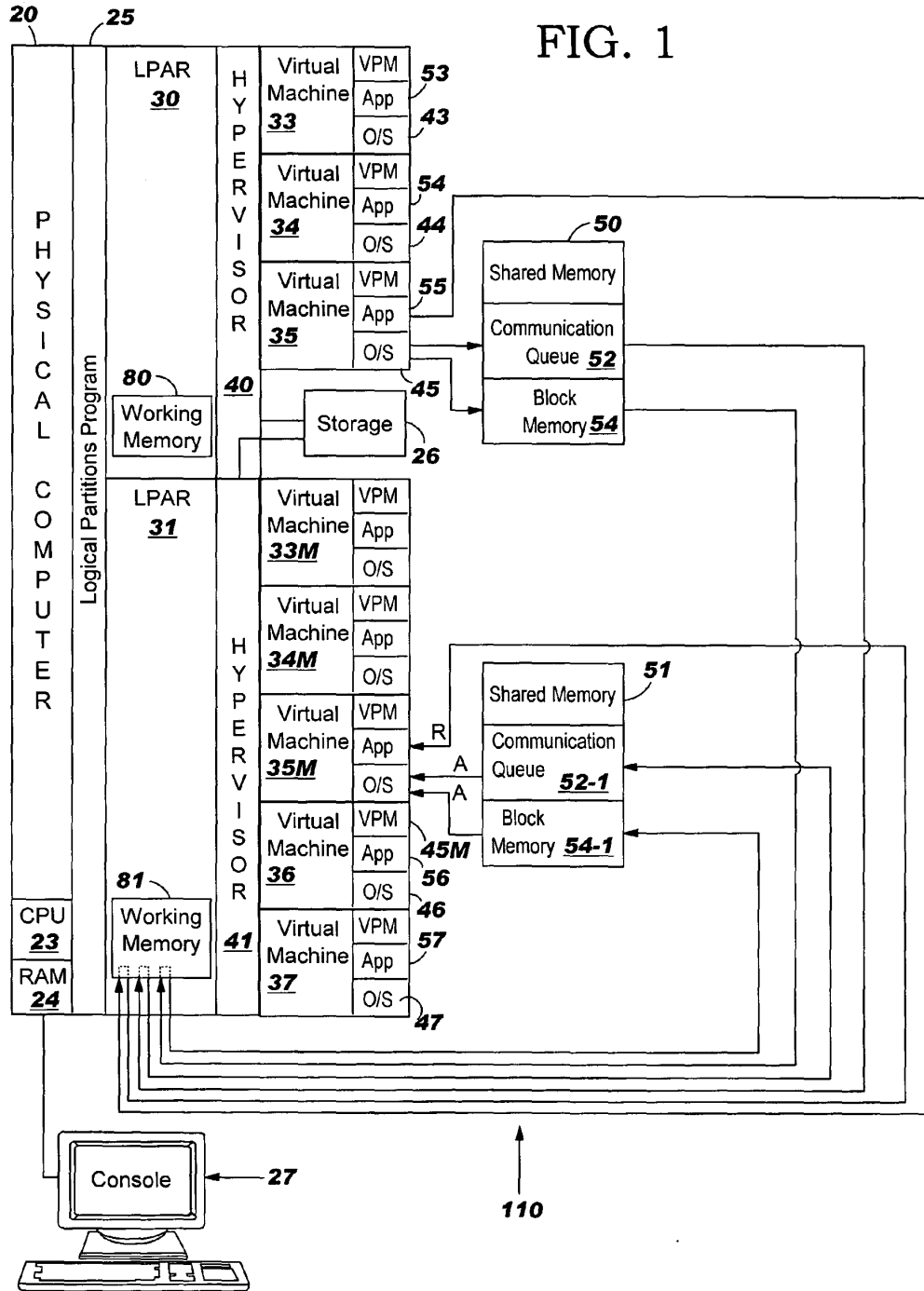
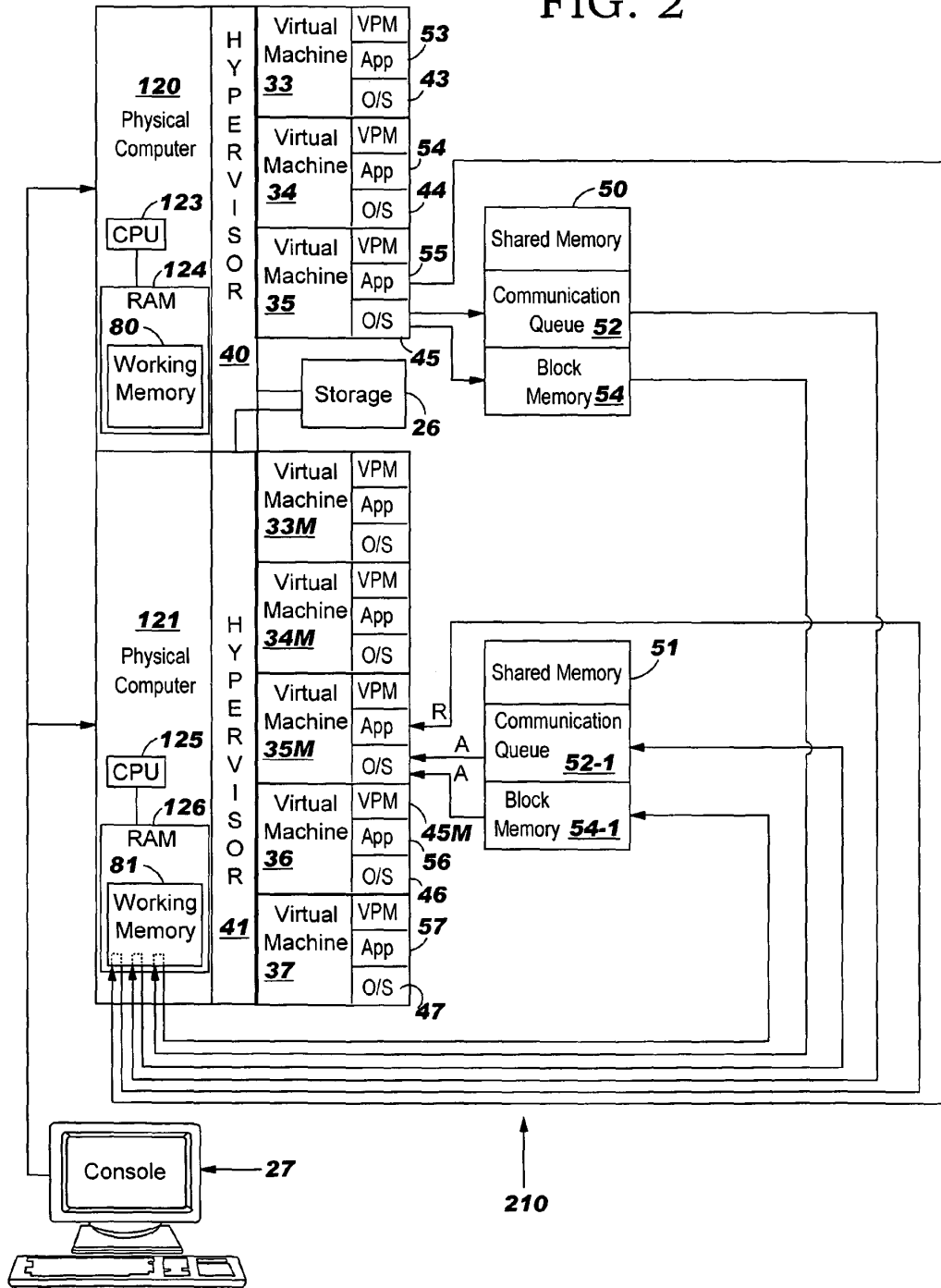


FIG. 2



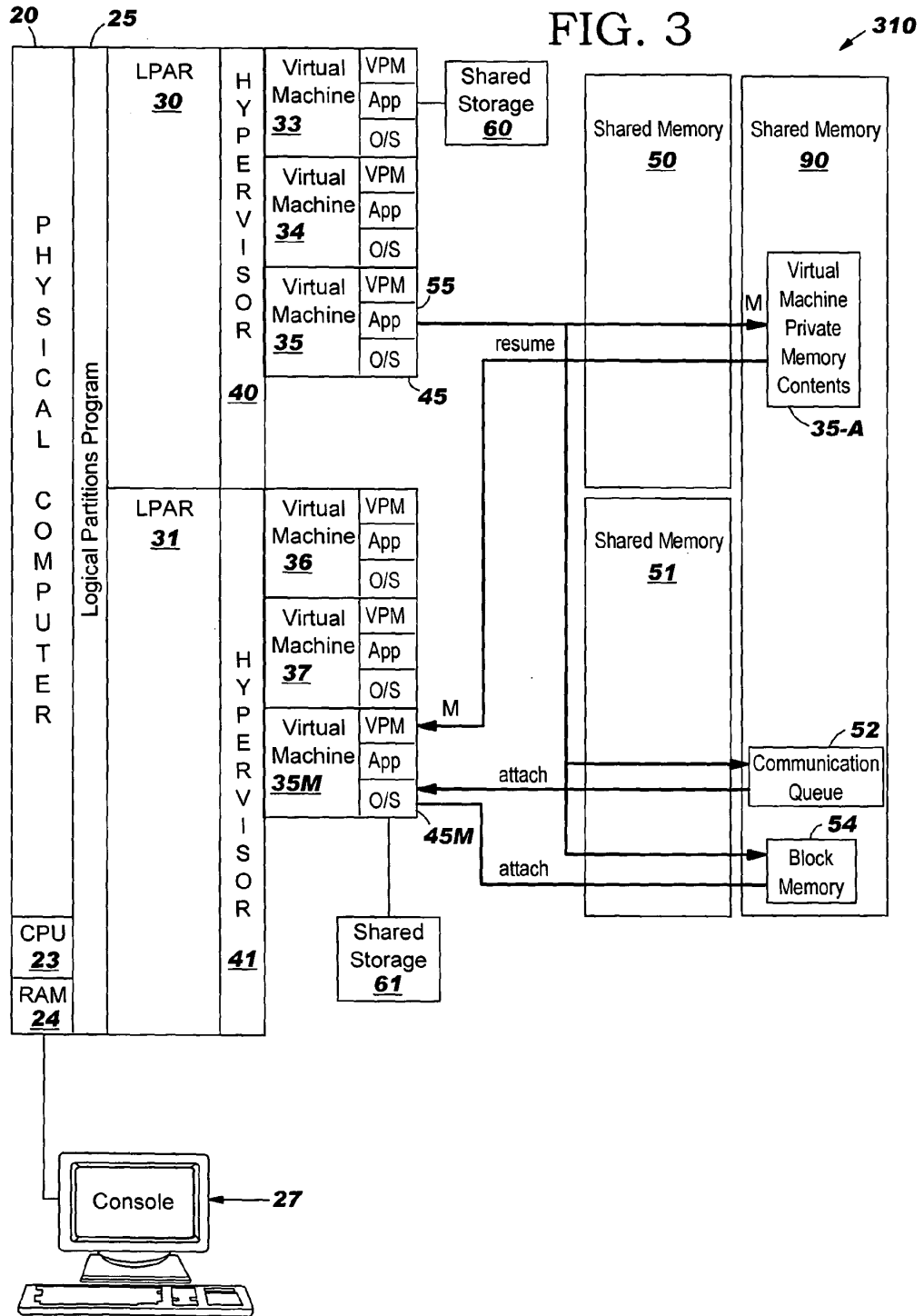
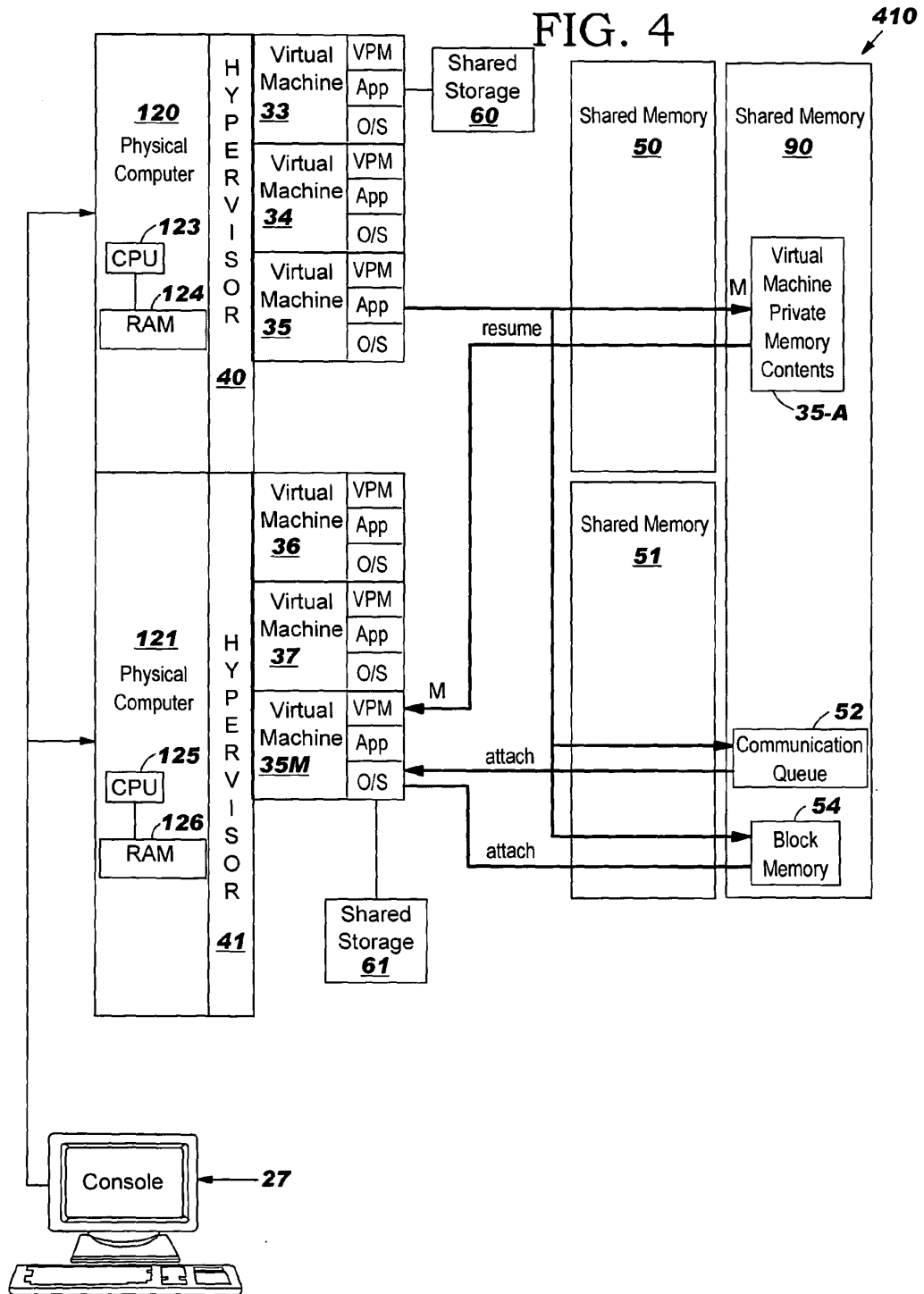


FIG. 4



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