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(54) **SYSTEMS, METHODS AND APPARATUS FOR A VIRTUAL MACHINE CACHE**

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CPC ***G06F 12/0875*** (2013.01); ***G06F 9/45558*** (2013.01); *G06F 2009/45583* (2013.01)

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See application file for complete search history.

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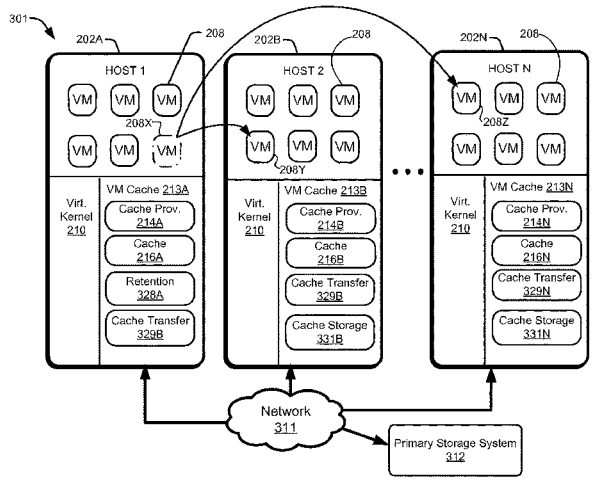
(57) **ABSTRACT**

A virtual machine cache provides for maintaining a working set of the cache during a transfer between virtual machine hosts. In response to the transfer, a previous host retains cache data of the virtual machine, which is provided to the new host of the virtual machine. The cache data may be transferred via a network transfer.

19 Claims, 26 Drawing Sheets