## Patent Owner Symantec Corpor

Case No. IPR2013-00150 U.S. Patent No. 7,093,086

Hearing: May 5, 2014



## '086 Patent - Challenged Cla

**Claim 1:** A computer readable medium storing a plurality of instruction instructions which, when executed:

- (i) capture a state of a first virtual machine executing on a first corthe state of the first virtual machine corresponding to a point in execution of the first virtual machine, wherein the first virtual machine comprises at least one virtual disk storing at least one file used application executing in the first virtual machine, and wherein the first virtual machine comprises the at least one file; and
- (ii) copy at least a portion of the state to a destination separate fro device to which the first virtual machine is suspendable, wherei the first virtual machine is performed responsive to a suspend of

Claim 11: The computer readable medium as recited in claim 1 where creating a new log of uncommitted updates for each virtual disk in the machine and creating a memory area to capture writes to a memory virtual machine, such that the first virtual machine can continue execution.



# "Capture A State Of A First Virtual I Executing On A First Computer Sy

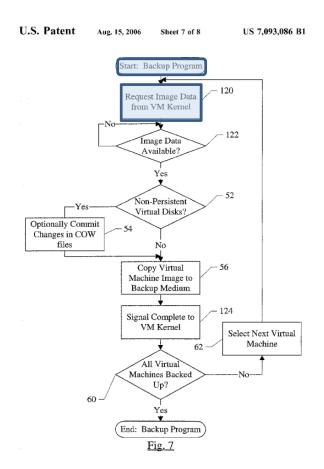


"To create a backup ... computer system may the state in cooperatio virtual machine kernel controls execution of t machines, while the machines to execute"

Resp., p. 9)



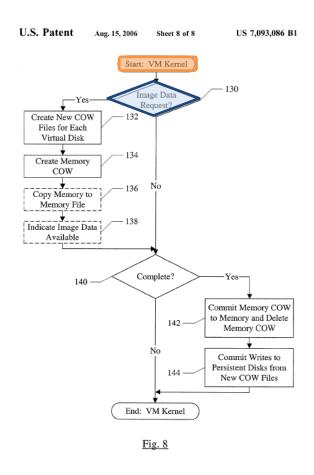
# "Capture A State Of A First Virtual I Executing On A First Computer Sy



"request for the state of the virt as would be provirtual machine suspended, wit suspending the machine" (Col. 11:



## "Capture A State Of A First Virtual M Executing On A First Computer Sys



In response to the image data re kernel 18 may create the "new" for each virtual disk (whether pe non-persistent) in the virtual ma COW file 74A may be used for su updates to the corresponding vi this manner, the state of the CO (which contain the updates prio data request, back to at least the image data request or suspension machine) and the virtual disk fil remain constant even if the virt 16A continues to execute, since updates are directed to the new ... Therefore, the COW files 74 a disk files 72 may be backed up b program 42 without the files bei during the backup. (Col. 11:42-57; F



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