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(54) Title: DEVICE, METHOD, AND SYSTEM THAT VIRTUALIZE A NETWORK

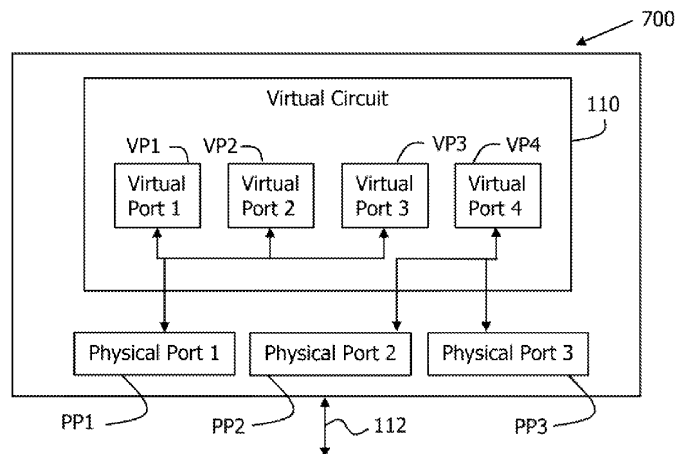


FIG. 7

(57) Abstract: A virtual circuit (110) in a network device (100, 300, 500, 700) reformats one or more incoming data streams at a non-predetermined data rate into one or more outgoing data streams at a predetermined data rate, thereby allowing multiple data streams with non-predetermined data rates that are less than the predetermined data rate to be combined and output from a single network port (PP1), and a single data stream with a non-predetermined data rate that is greater than the predetermined data rate to be split and output from two or more network ports (PP1, PP2).

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