Title of the Invention: Packet forwarding in a star stacking system
Abstract Title: Packet forwarding in a star stacking system

A stacking port extension member receives a packet, forwards the packet according to a destination port number of the packet when a destination forwarding chip identifier (ID) of the packet is a local forwarding chip ID, determine whether the packet is transmitted to a lower-level stacking port extension member when the destination forwarding chip ID of the packet is not the local forwarding chip ID, forward the packet according to a configured forwarding relationship towards the lower-level stacking port extension member when it is determined that the packet is transmitted to the lower-level stacking port extension member, and otherwise, directly forward the packet through a locally configured uplink second-level stacking port.

FIG. 5

[Diagram showing packet forwarding process]