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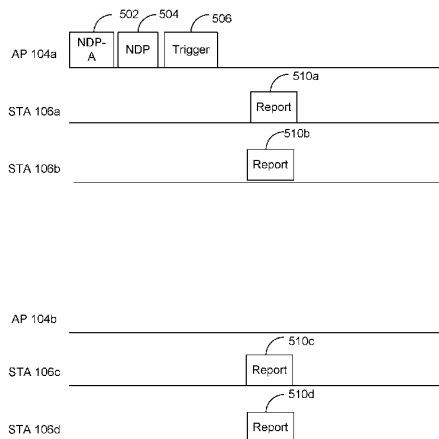


FIG. 5

(57) Abstract: Methods and systems for sounding a wireless network are disclosed. In one aspect, a method includes receiving, by an access point a mes-
sage including a beamforming report from a device. The device may be a sta-
tion that is outside a basic service set of the access point. The method also in-
cludes transmitting a message to the device based on the beamforming report.
For example, in some aspects, the access point may utilize the beamforming
report to perform a coordinated beamforming, multi-access point transmis-
sion or a multi-access point MIMO transmission. In some aspects, the access
point may transmit an interference nulling signal to the device based on the
beamforming report. The nulling signal compensates for another simultaneous
transmission by the access point that interferes with the device's reception of
a message from an access point with which the device is associated.

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