

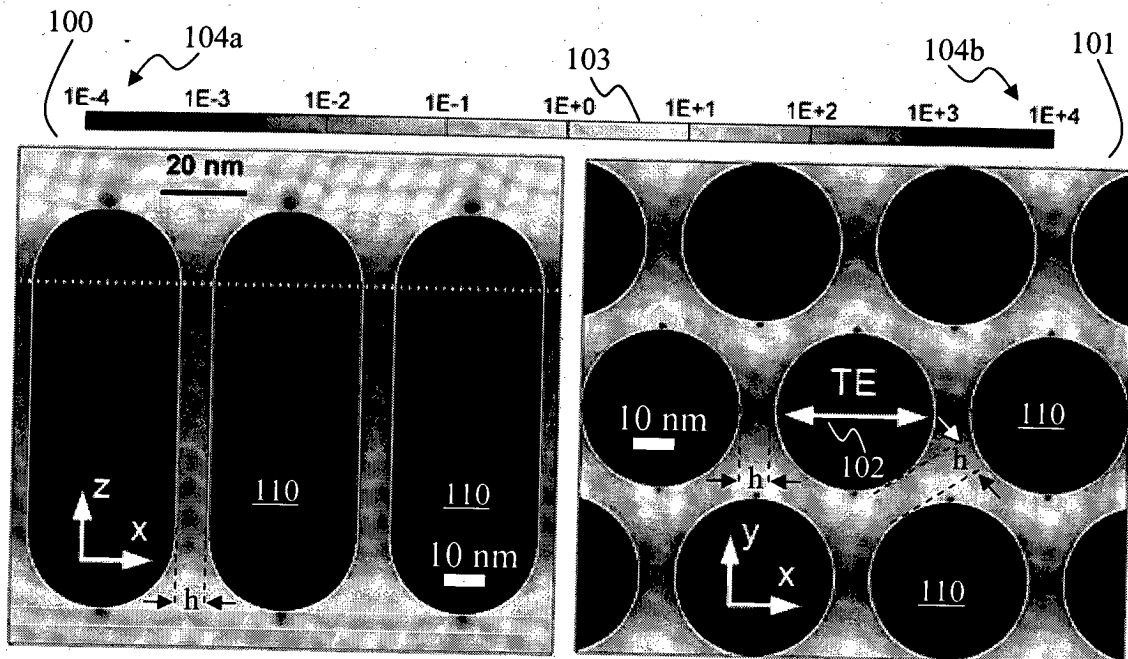


FIG. 1A

FIG. 1B

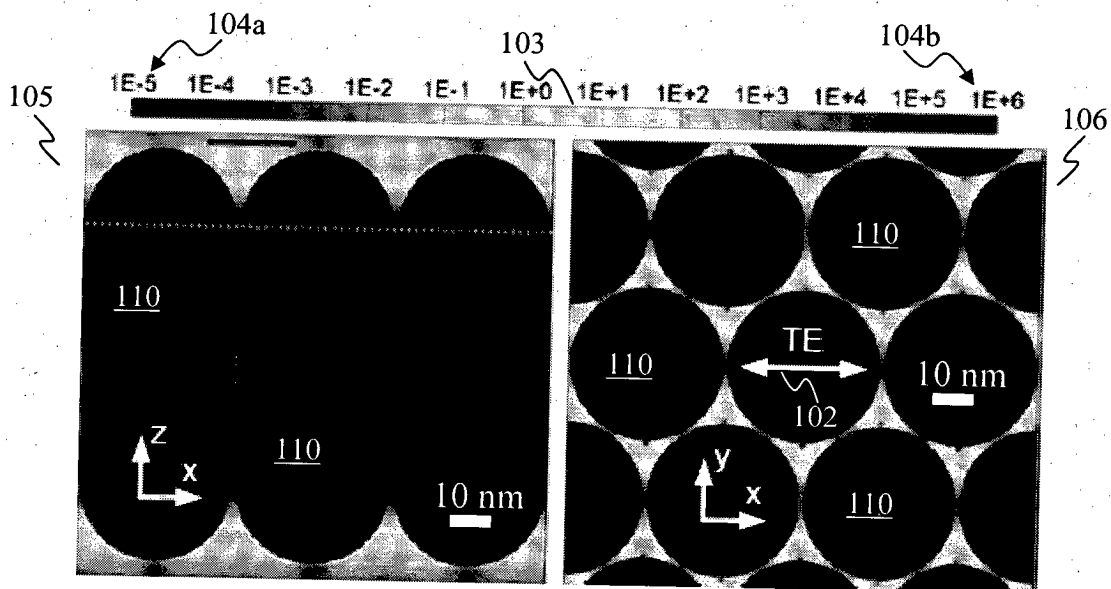


FIG. 1C

FIG. 1D

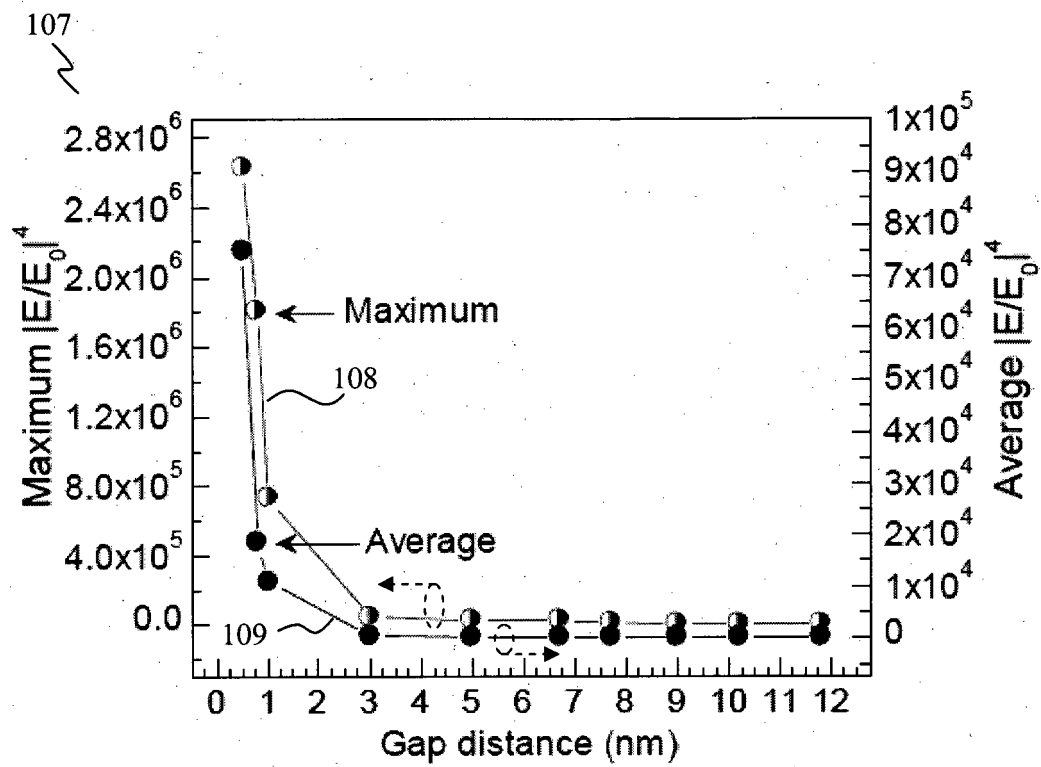


FIG. 1E

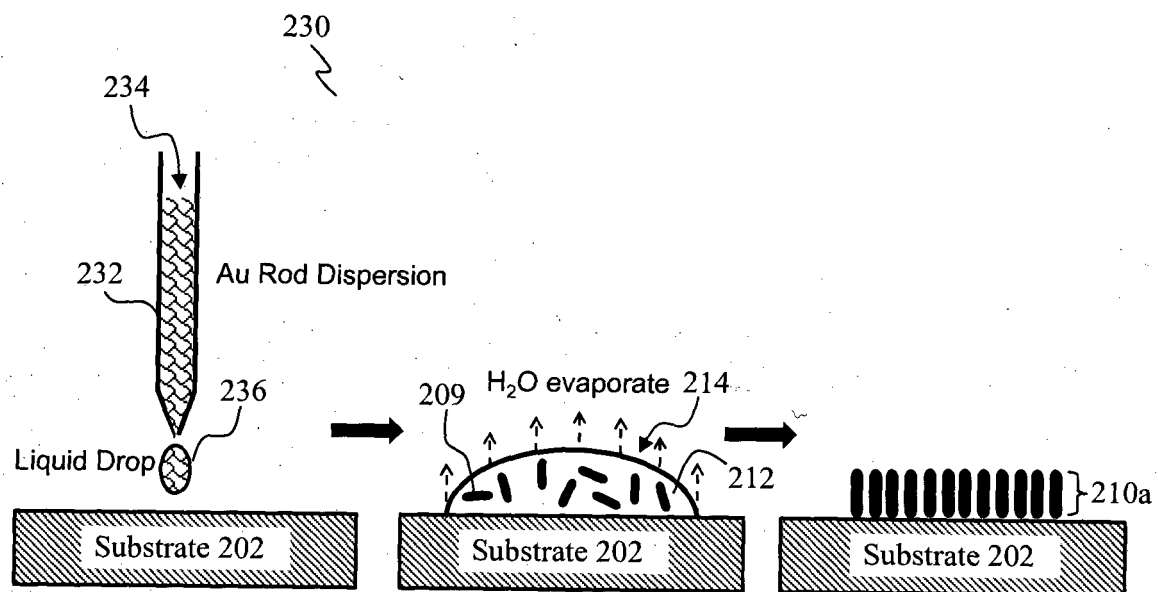
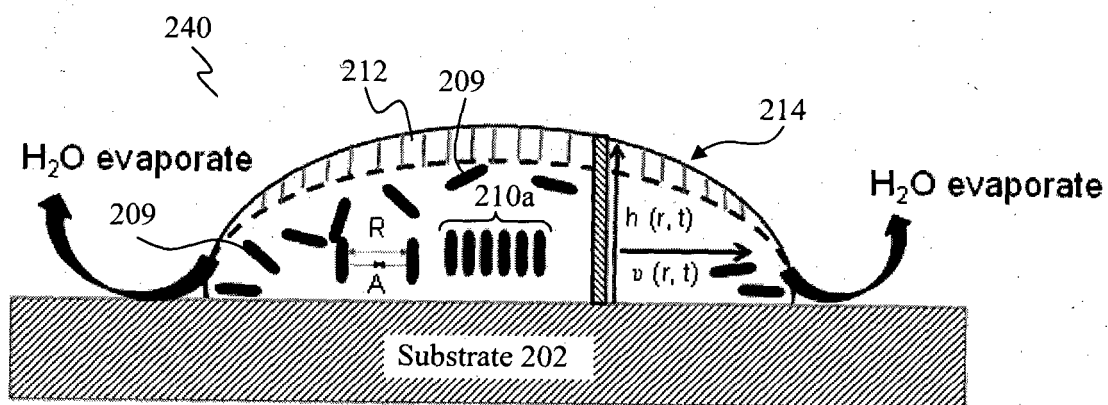


FIG. 2A



R: Electrostatic repulsive force
 A: van der Waals and depletion attractive force

FIG. 2B

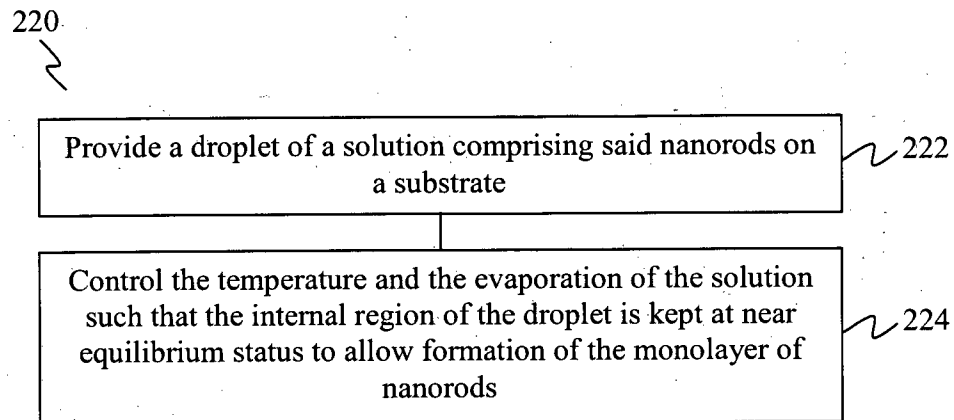


FIG. 2C

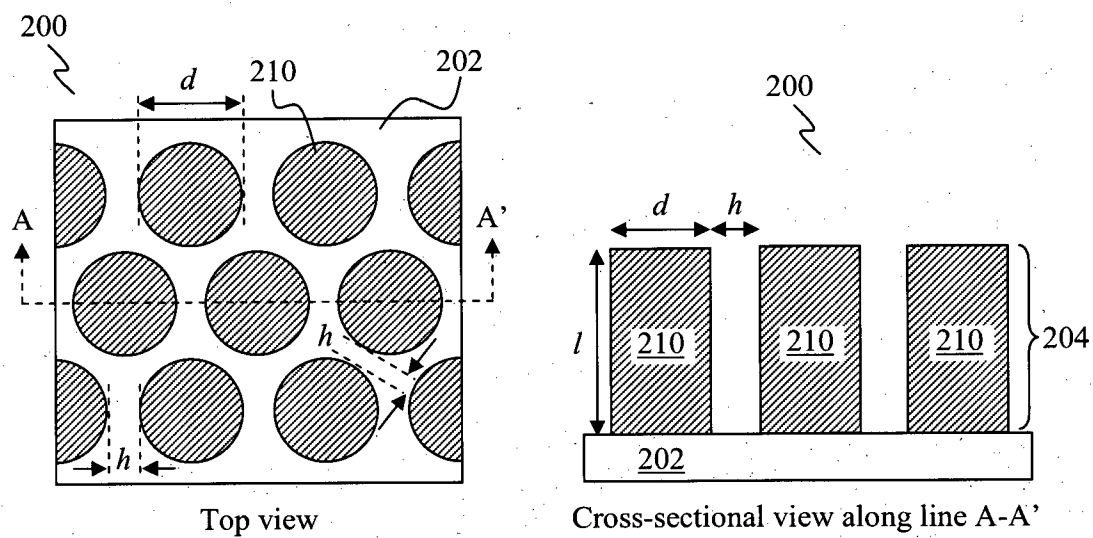


FIG. 2D

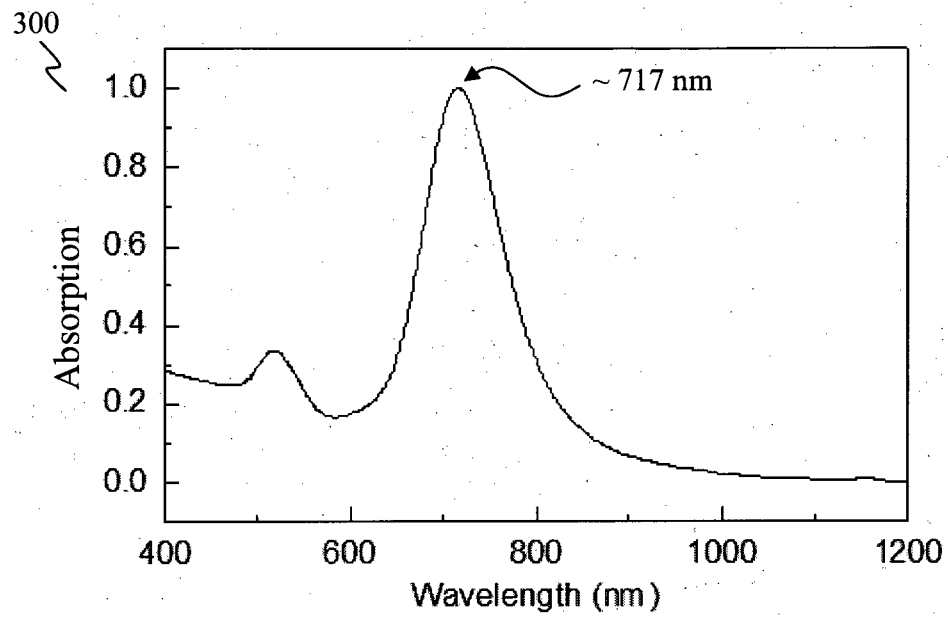


FIG. 3A

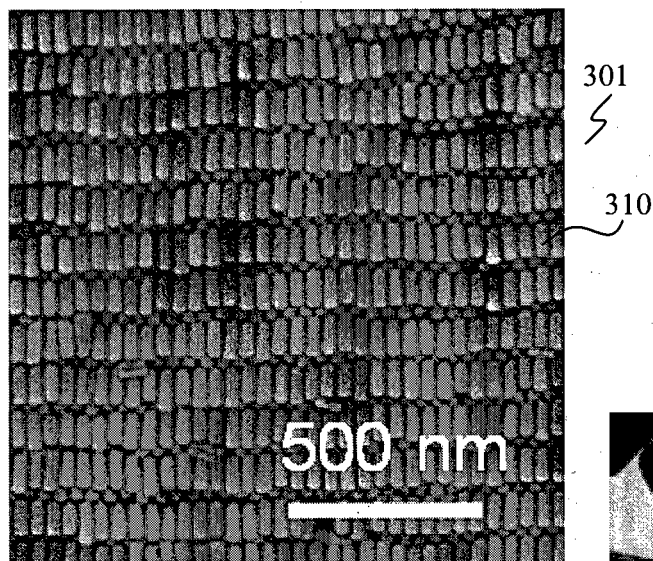


FIG. 3B

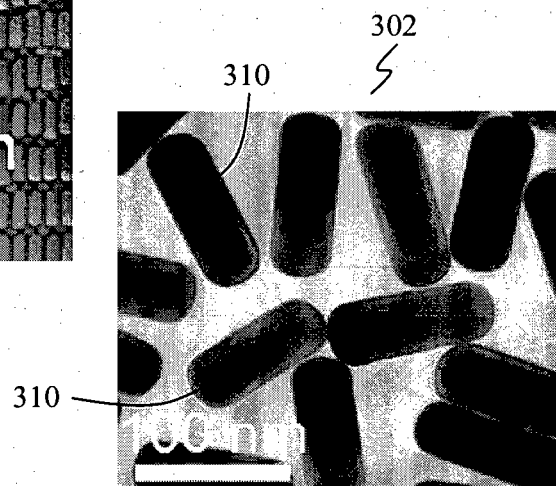


FIG. 3C

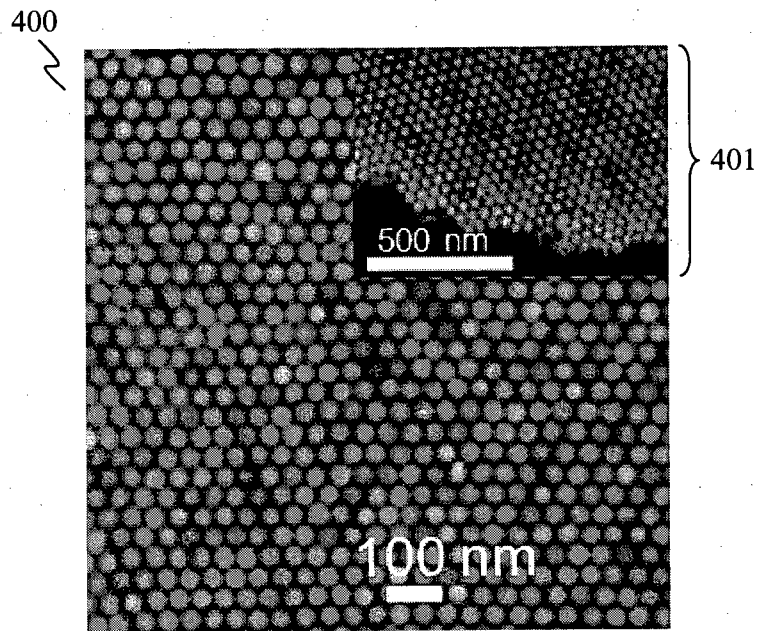


FIG. 4A

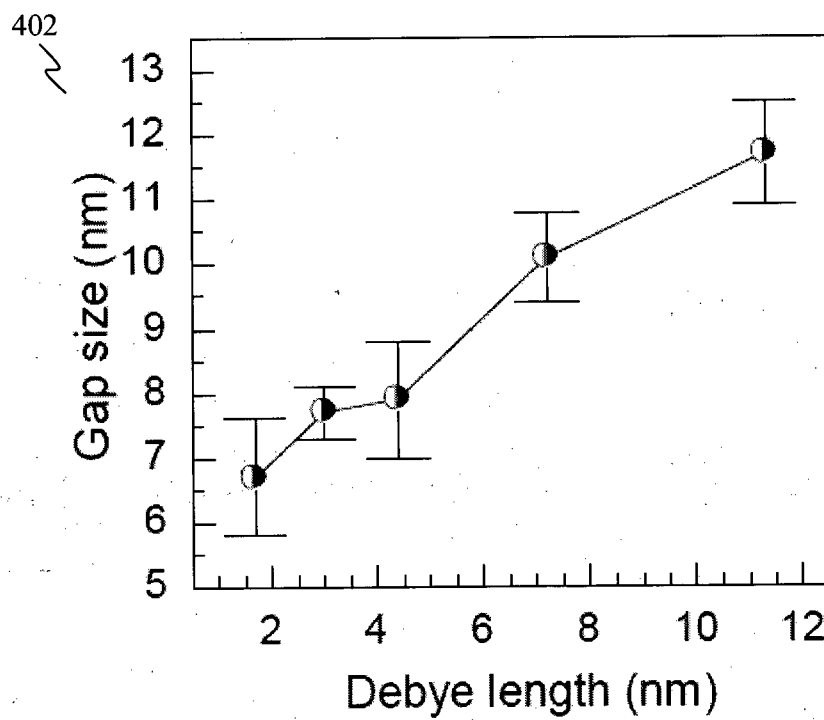


FIG. 4B

403

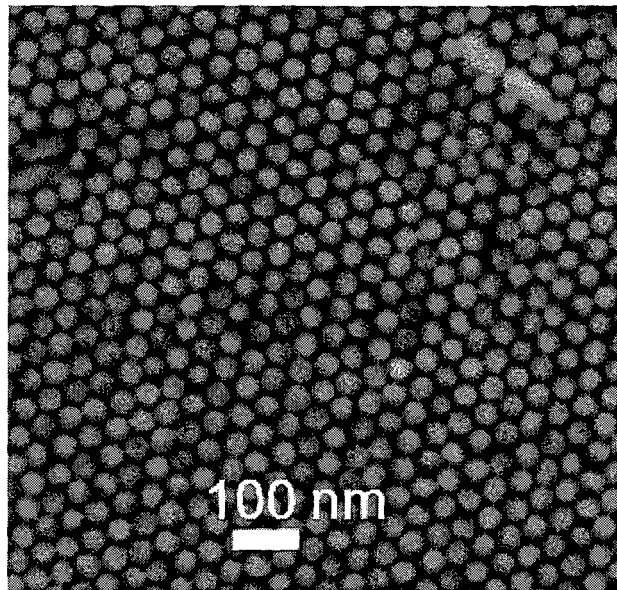


FIG. 4C

404

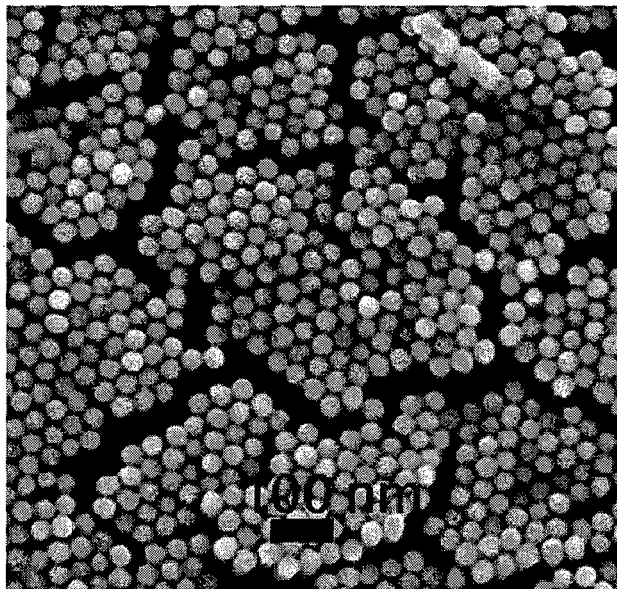


FIG. 4D

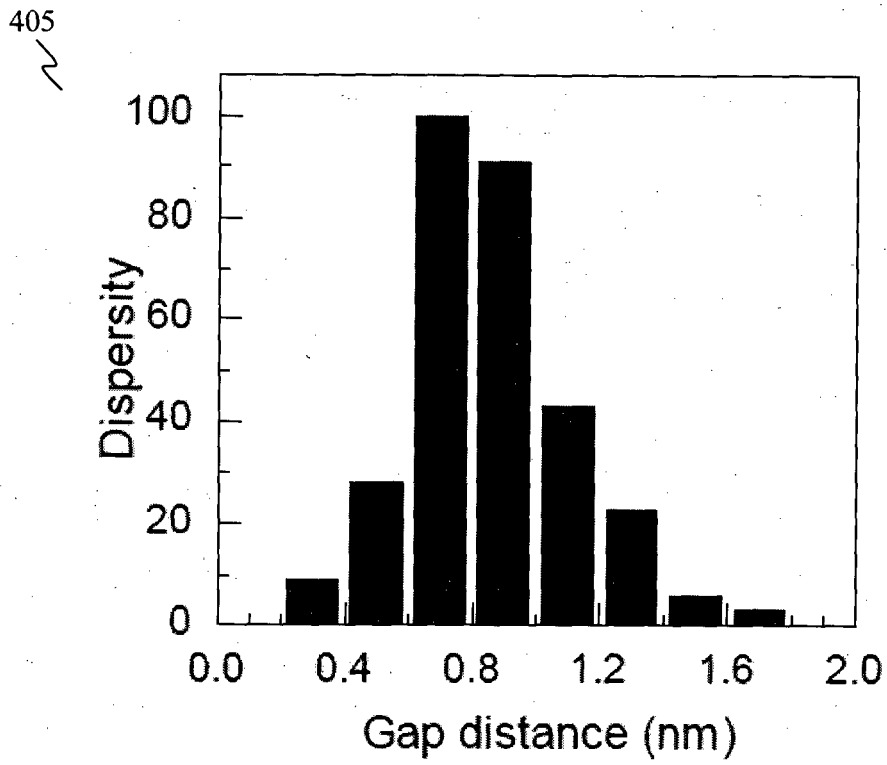


FIG. 4E

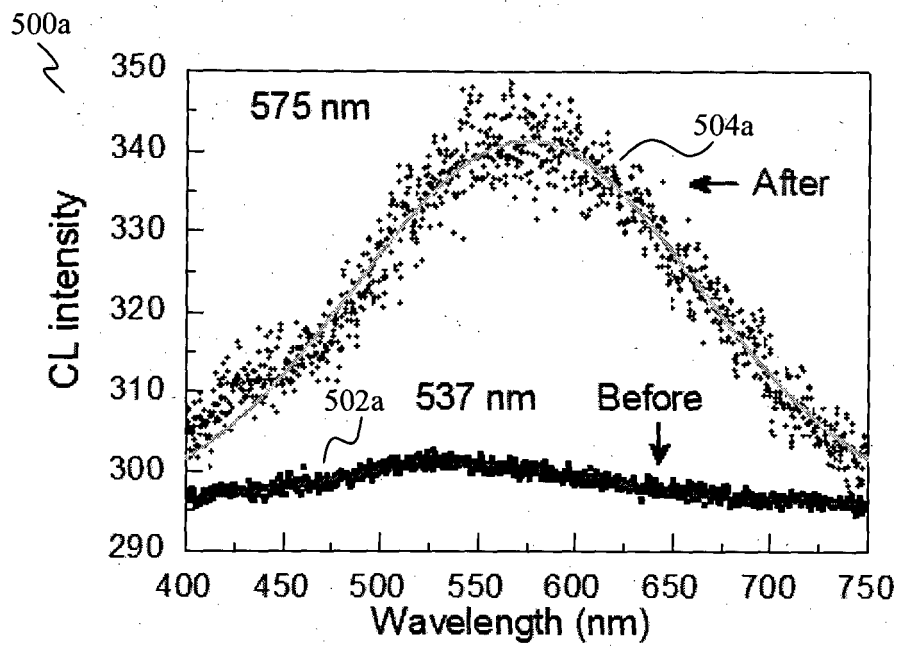


FIG. 5A

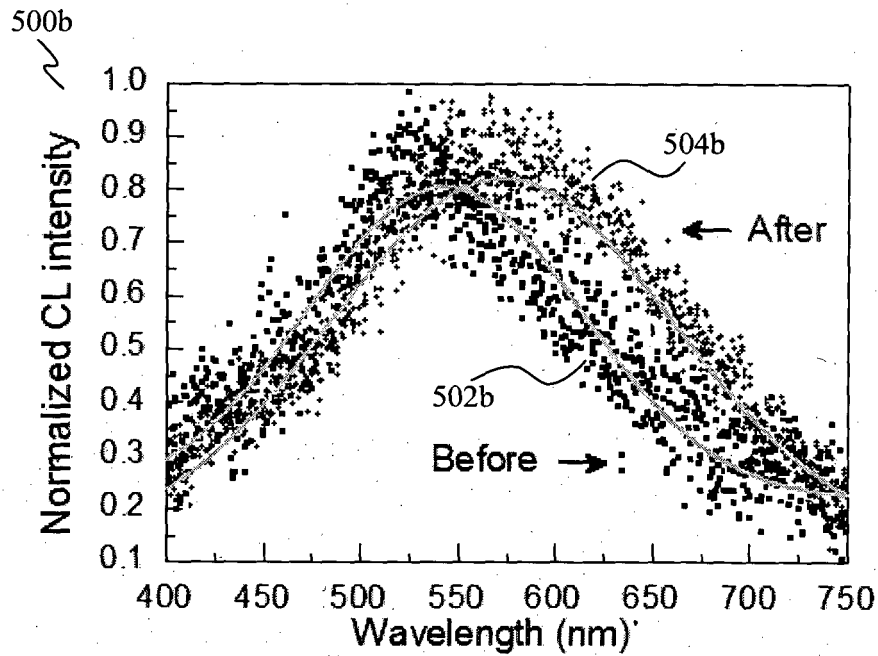


FIG. 5B

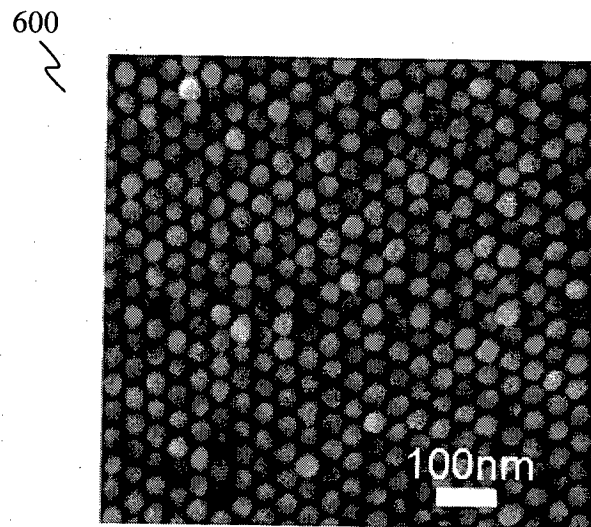


FIG. 6A

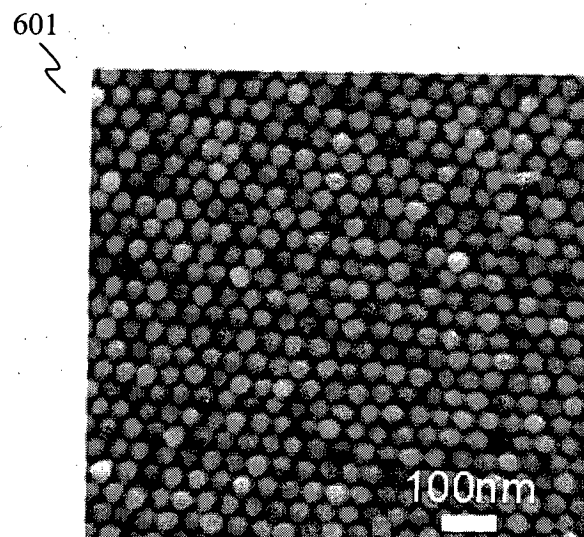


FIG. 6B

602

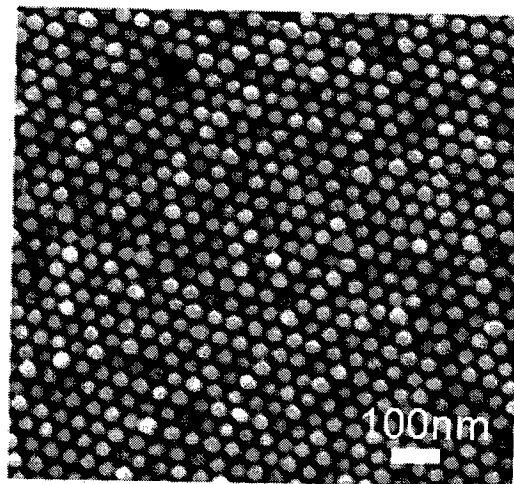


FIG. 6C

603

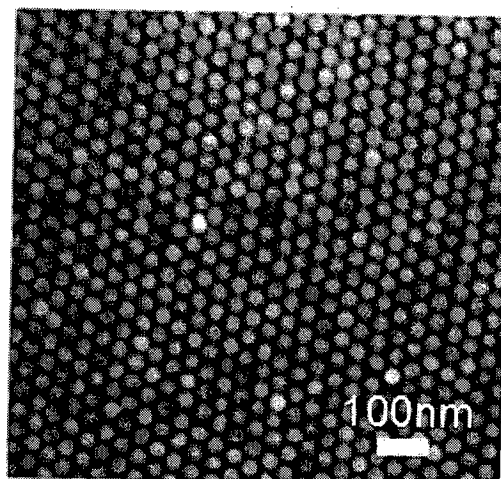


FIG. 6D

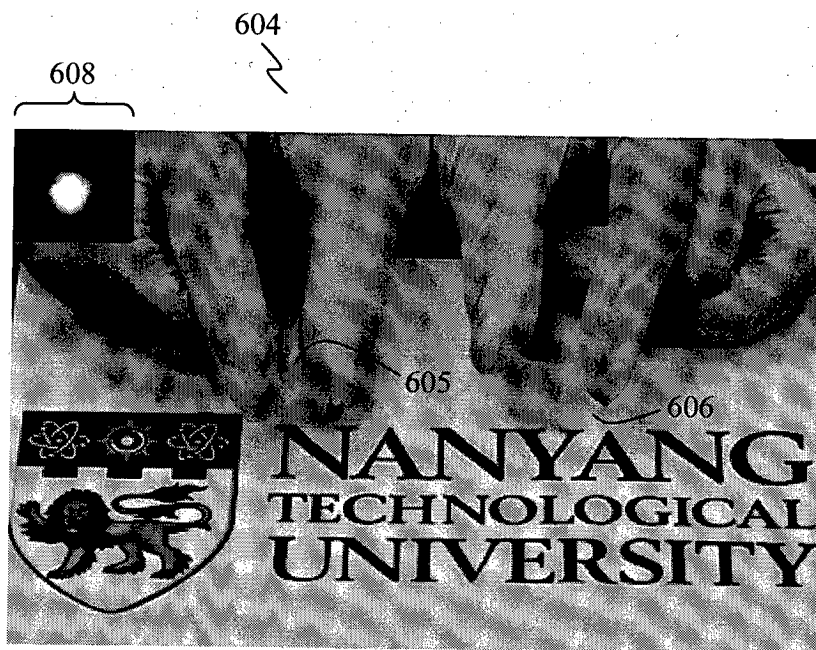


FIG. 6E

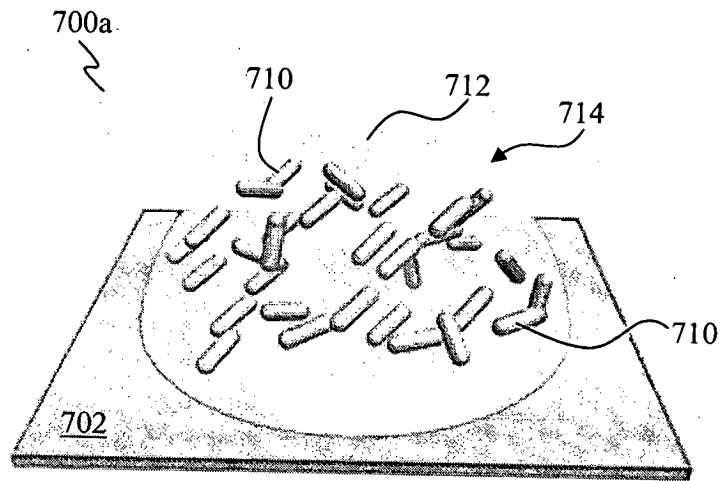


FIG. 7A

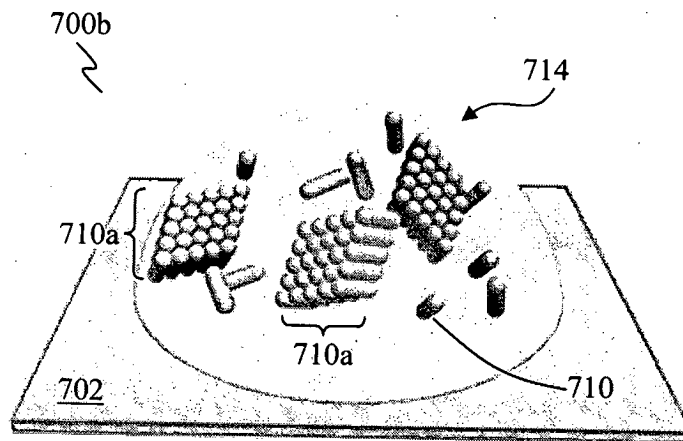


FIG. 7B

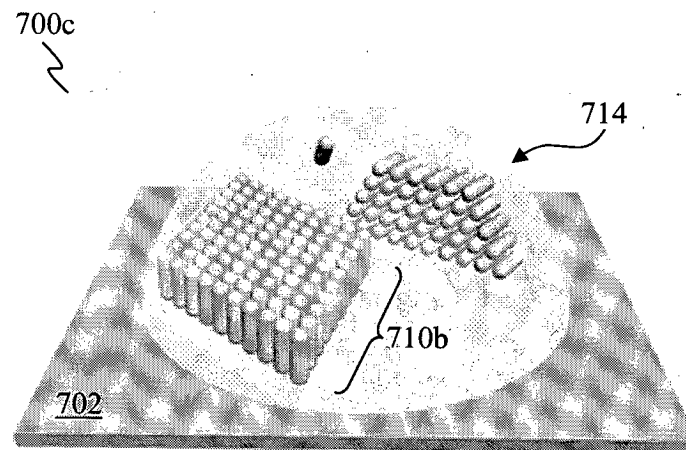


FIG. 7C

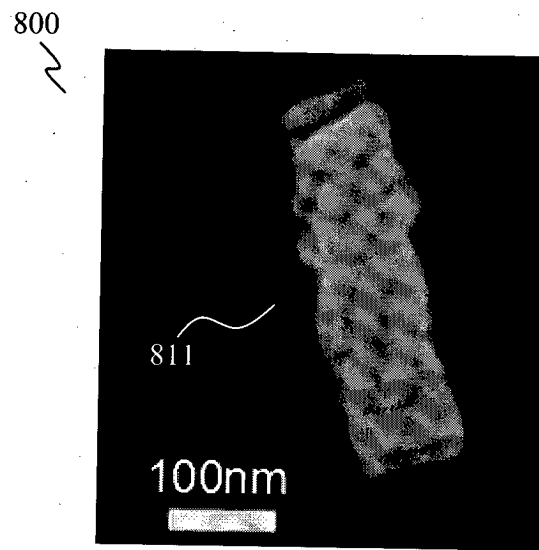


FIG. 8

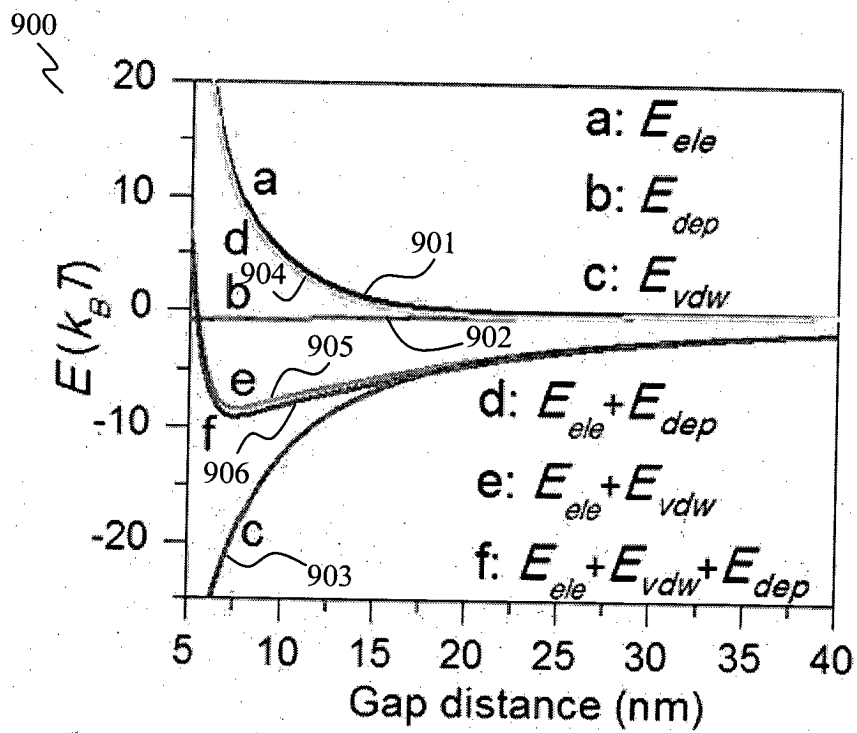


FIG. 9A

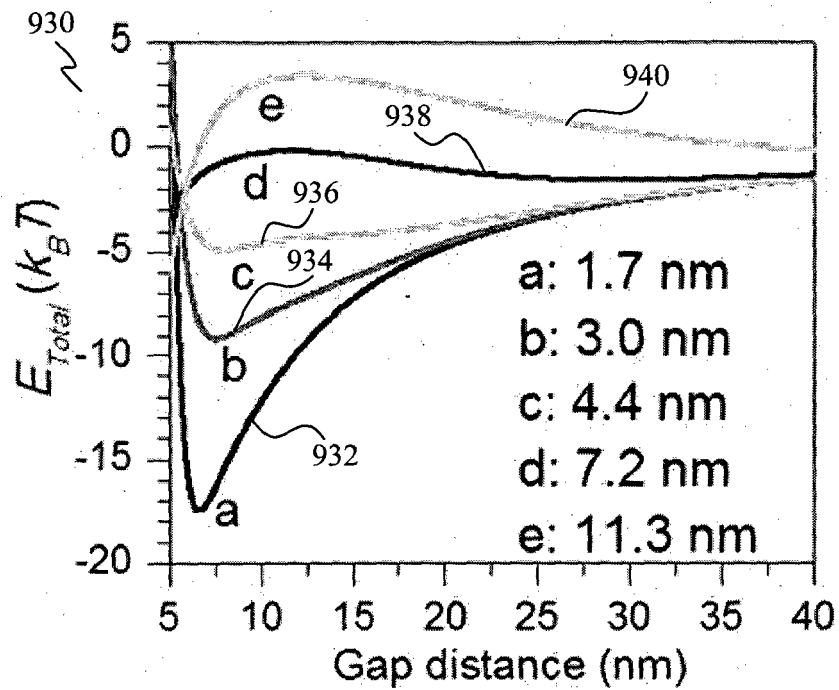


FIG. 9B

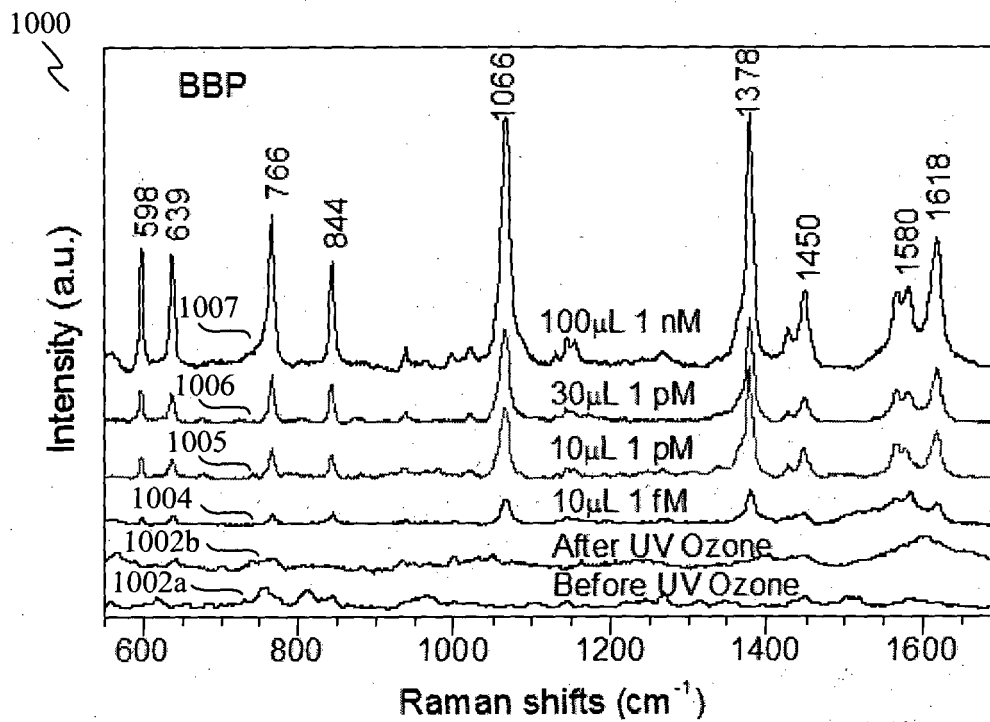


FIG. 10A

1030

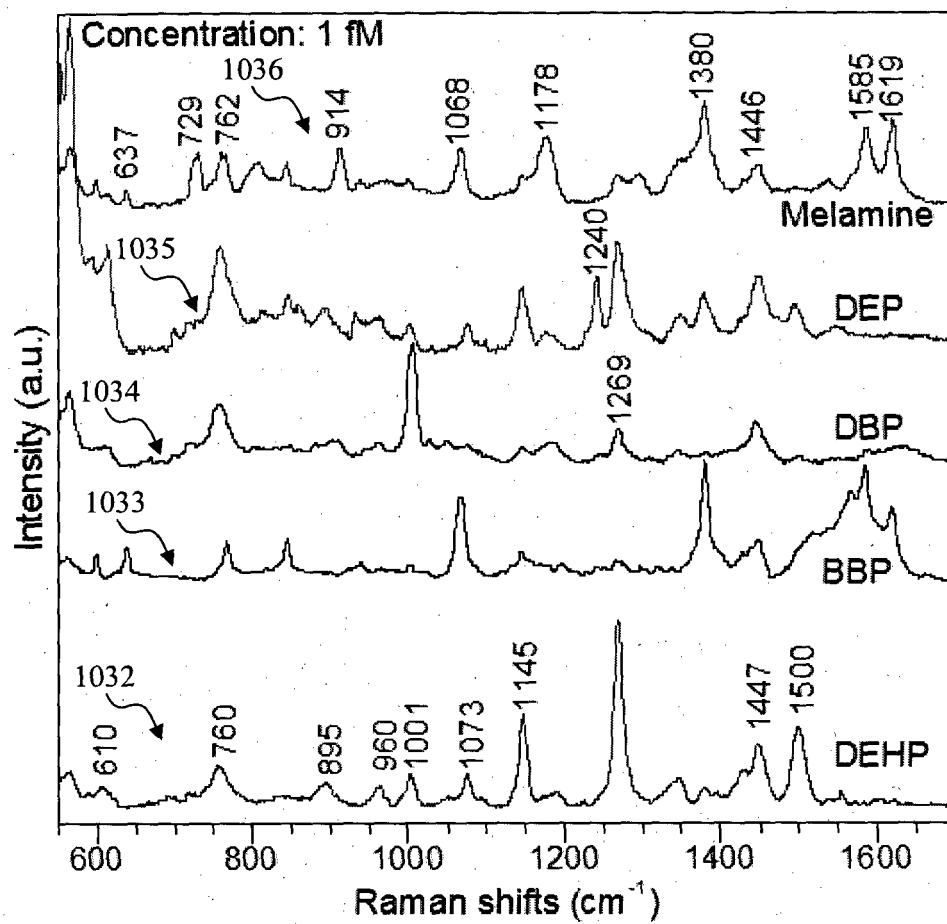


FIG. 10B

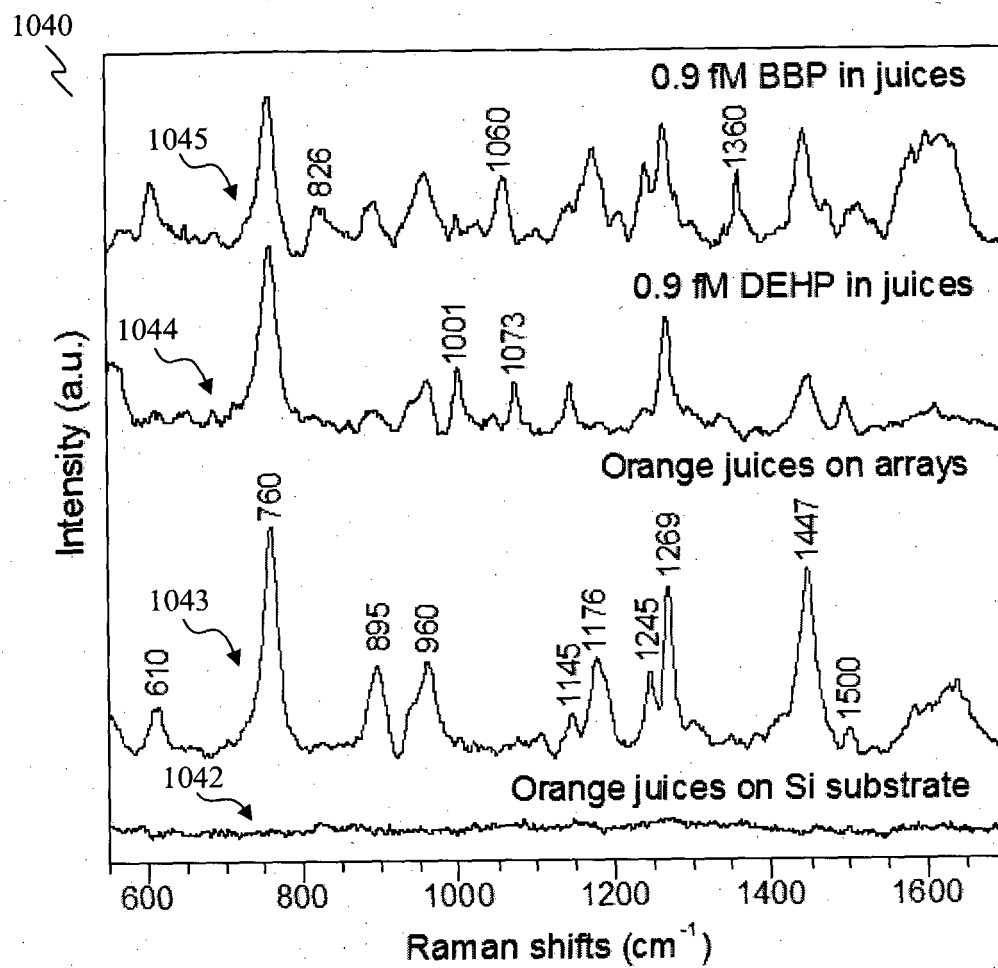


FIG. 10C