

11. The apparatus of claim 9 wherein said array of spray emitters is fabricated on a single chip.

12. The apparatus of claim 11 wherein said chip is fabricated by a method selected from the group consisting of laser etching, photolithographic patterning, wet chemical etching, laser ablation, plasma etching, casting, injection molding, and hot and cold stamping (embossing).

13. The apparatus of claim 12 wherein said chip is fabricated from materials selected from the group consisting of polycarbonate, plastic, glass, silicon, and combinations thereof.

14. The apparatus of claim 9 further comprising a liquid separation device wherein said reservoirs are interfaced with a liquid separation device.

15. The apparatus of claim 14 wherein said liquid separation device is selected from the group consisting of a capillary electrophoresis device, a capillary isoelectric focusing device, and a nano column separation device.

16. The apparatus of claim 9 wherein the surface of the array is formed with a CF_4 rf plasma.

* * * * *