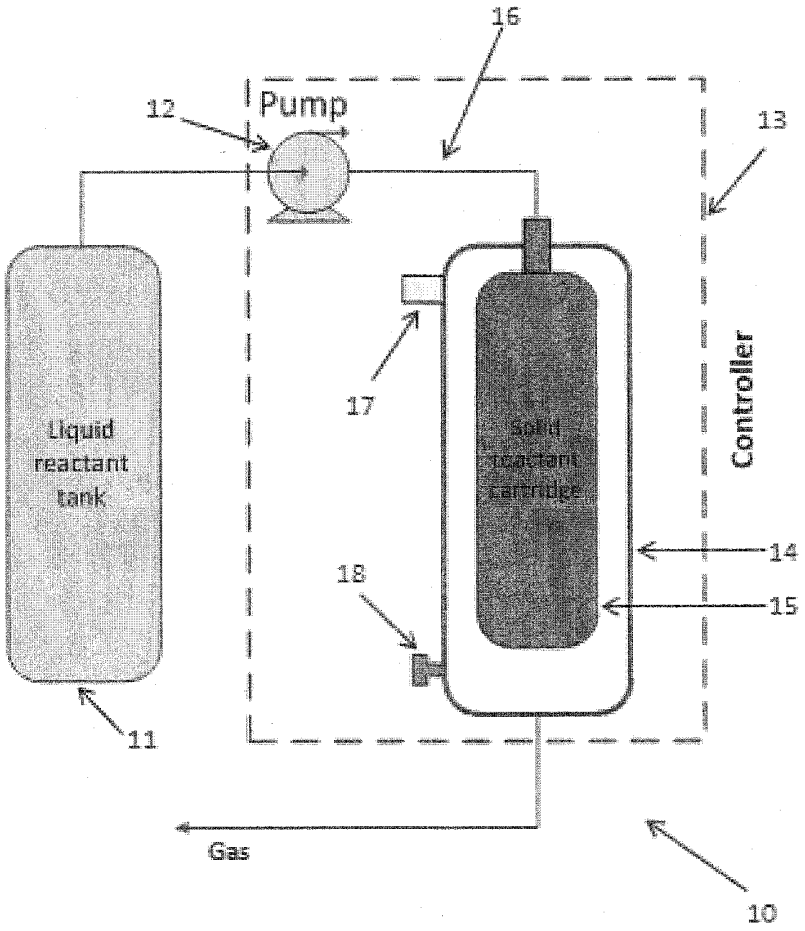

16
Pump
12
13
Controller
17
Liquid reactant tank
Solid reactant cartridge
14
18
15
11
Gas
10

FIG. 1

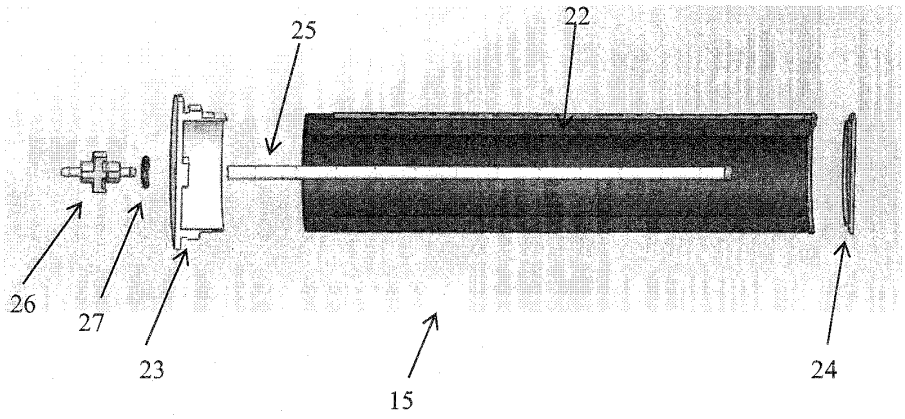


FIG. 2A

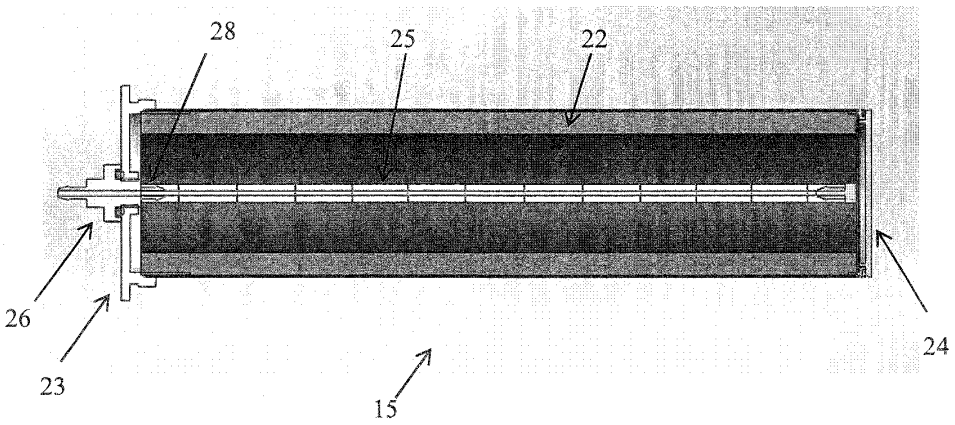


FIG. 2B

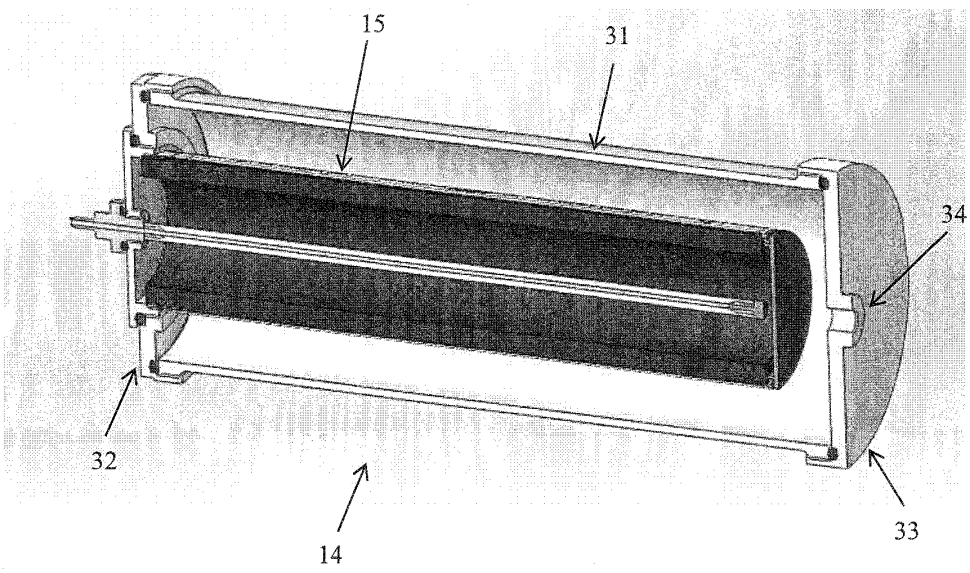


FIG. 3

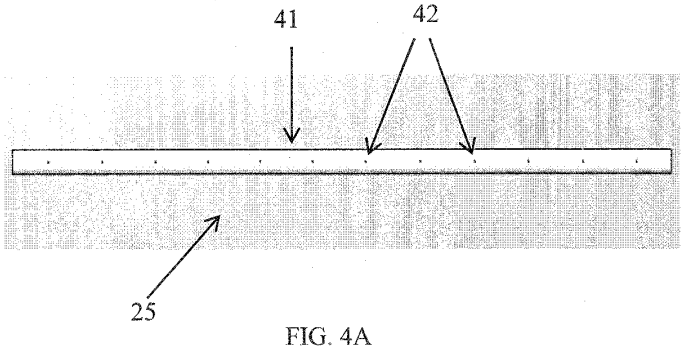


FIG. 4A

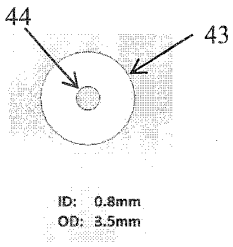


FIG. 4B

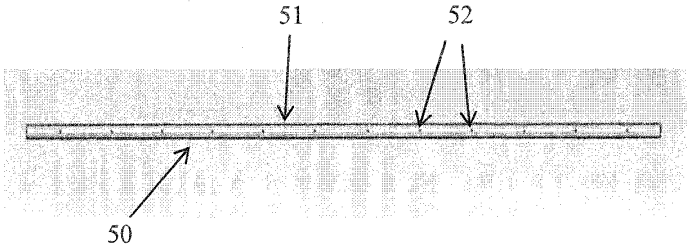


FIG. 5A

(Prior Art)

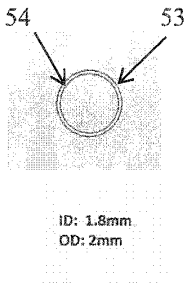


FIG. 5B

(Prior Art)

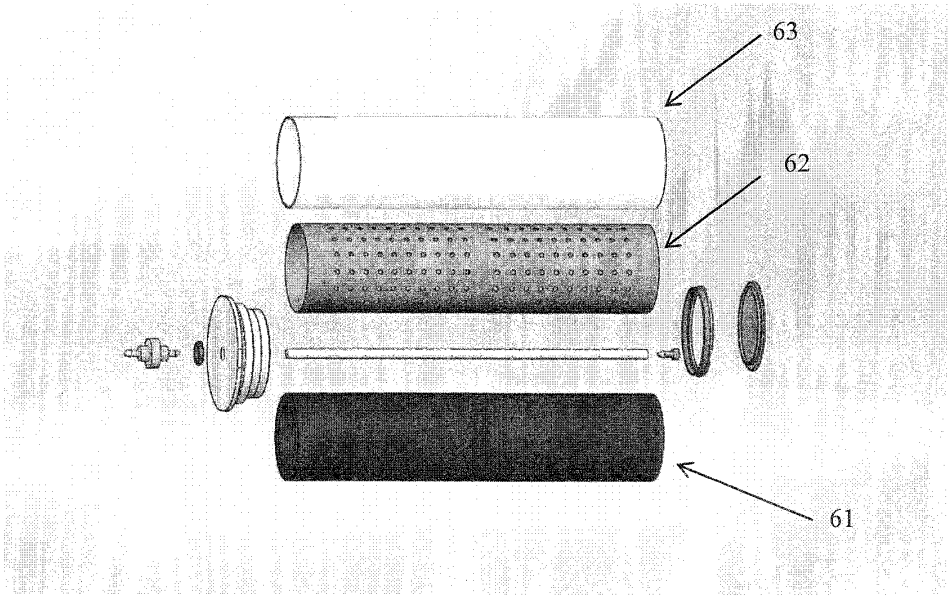


FIG. 6

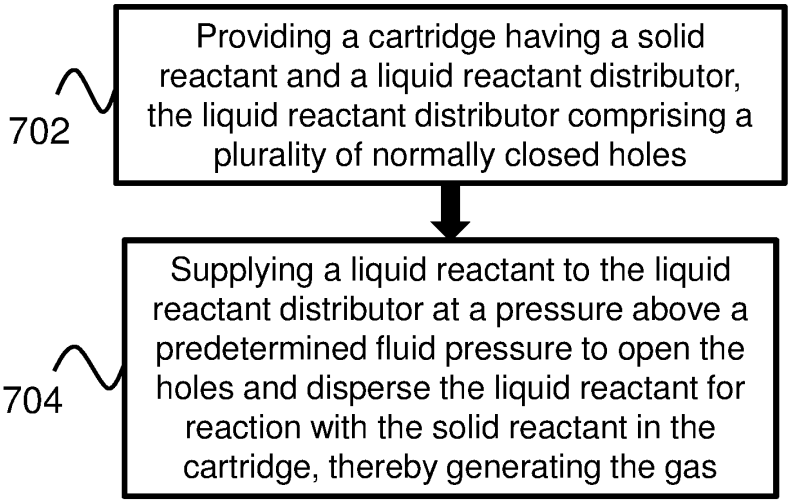

Providing a cartridge having a solid reactant and a liquid reactant distributor, the liquid reactant distributor comprising a plurality of normally closed holes
702
Supplying a liquid reactant to the liquid reactant distributor at a pressure above a predetermined fluid pressure to open the holes and disperse the liquid reactant for reaction with the solid reactant in the cartridge, thereby generating the gas
704

FIG. 7