

FIG.1

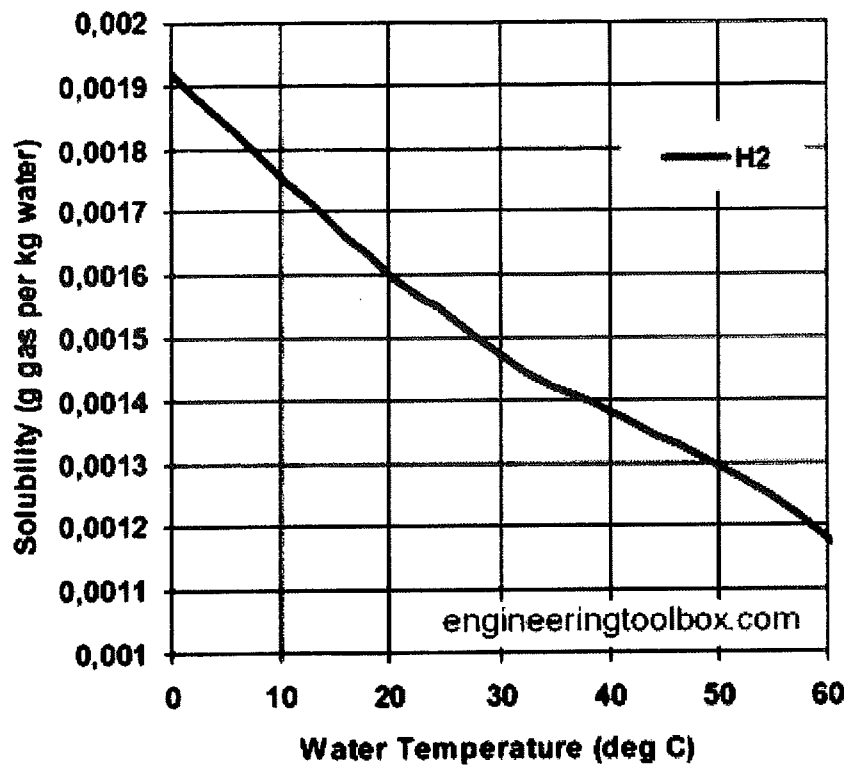


FIG.2

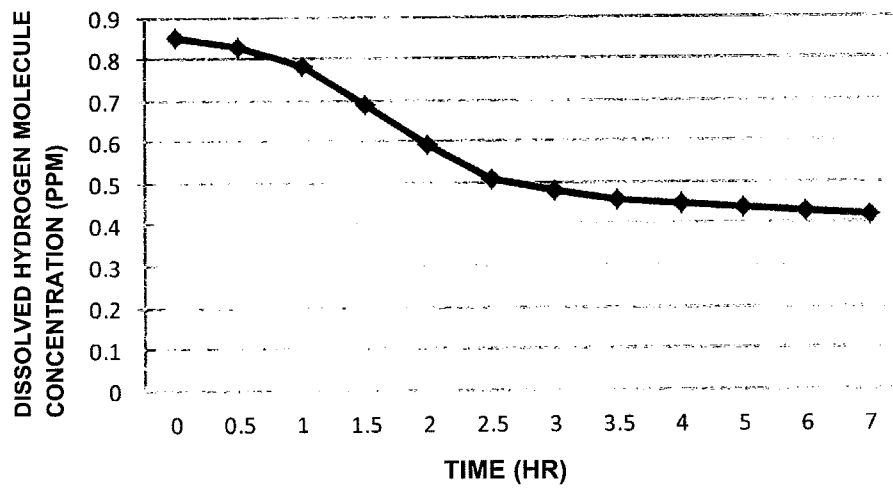
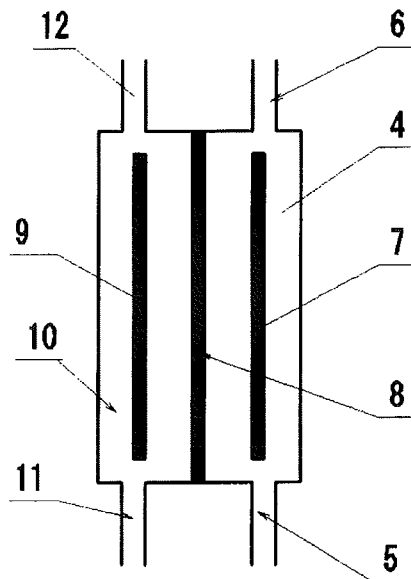
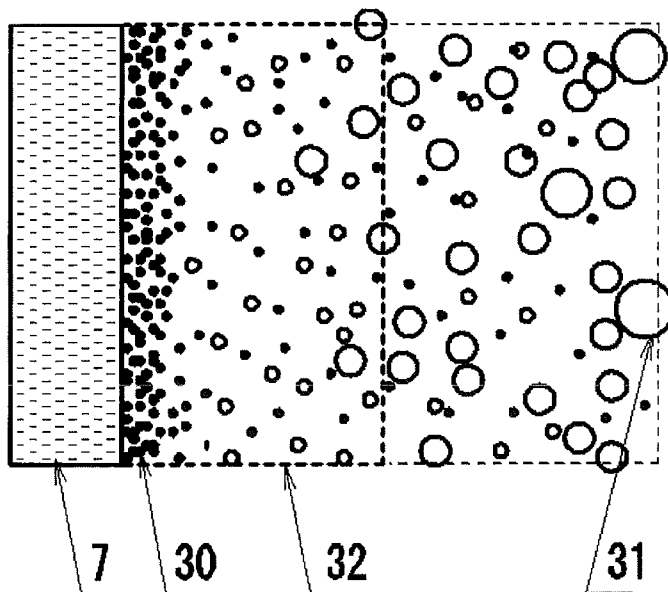


FIG.3



- 4. CATHODE CHAMBER
- 5. CATHODE CHAMBER INLET
- 6. CATHODE CHAMBER OUTLET
- 7. CATHODE ELECTRODE
- 8. DIAPHRAGM
- 9. ANODE ELECTRODE
- 10. ANODE CHAMBER
- 11. ANODE CHAMBER INLET
- 12. ANODE CHAMBER OUTLET

FIG.4



- 7. CATHODE ELECTRODE
- 30. DISSOLVED HYDROGEN MOLECULES
- 31. BUBBLES OF HYDROGEN GAS
- 32. DIFFUSING LAYER

FIG.5

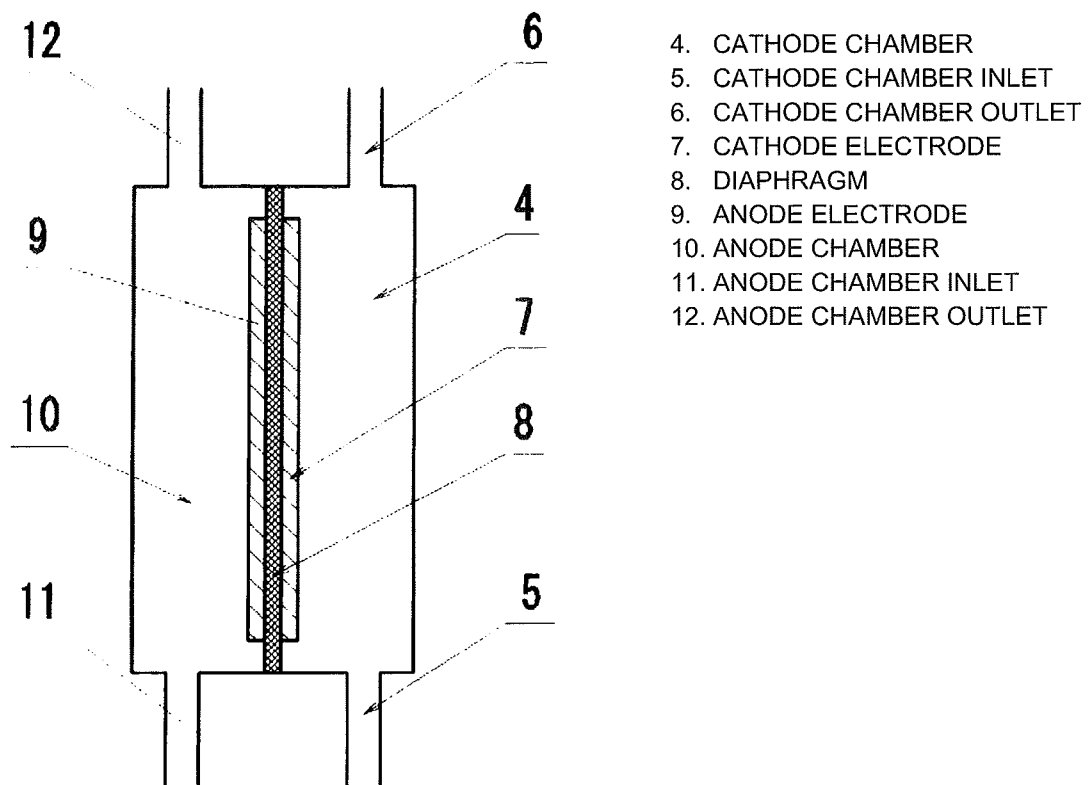


FIG.6

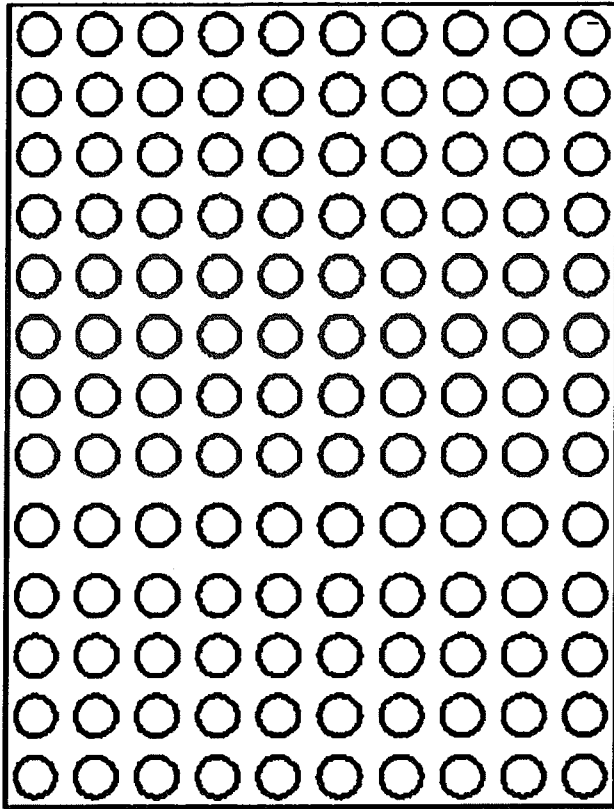
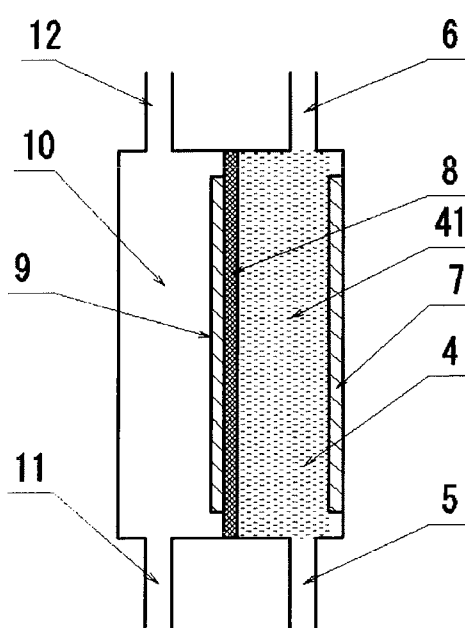
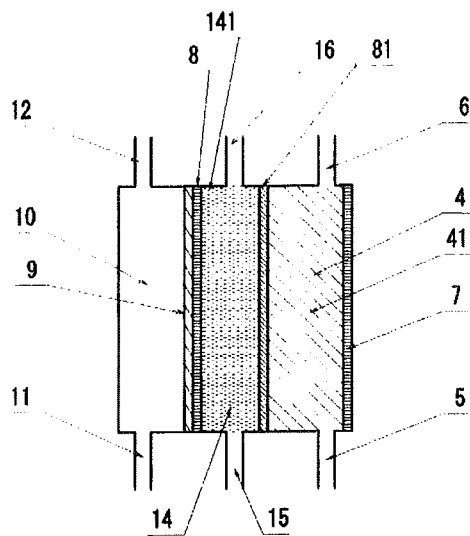


FIG.7



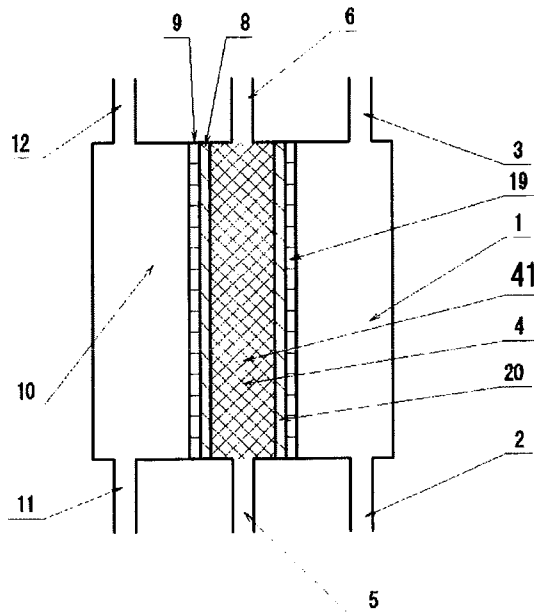
- 4. CATHODE CHAMBER
- 41. ION EXCHANGE RESIN LAYER
- 5. CATHODE CHAMBER INLET
- 6. CATHODE CHAMBER OUTLET
- 7. CATHODE ELECTRODE
- 8. DIAPHRAGM
- 9. ANODE ELECTRODE
- 10. ANODE CHAMBER
- 11. ANODE CHAMBER INLET
- 12. ANODE CHAMBER OUTLET

FIG.8



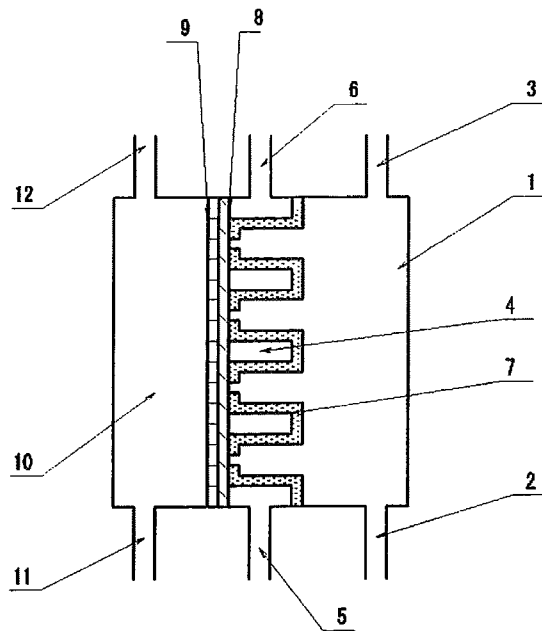
- 4. CATHODE CHAMBER
- 41. ION EXCHANGE RESIN LAYER
- 5. CATHODE CHAMBER INLET
- 6. CATHODE CHAMBER OUTLET
- 7. CATHODE ELECTRODE
- 8. DIAPHRAGM
- 81. DIAPHRAGM B
- 9. ANODE ELECTRODE
- 10. ANODE CHAMBER
- 11. ANODE CHAMBER INLET
- 12. ANODE CHAMBER OUTLET
- 14. INTERMEDIATE CHAMBER
- 141. ION EXCHANGE RESIN LAYER
- 15. INTERMEDIATE CHAMBER INLET
- 16. INTERMEDIATE CHAMBER OUTLET

FIG.9



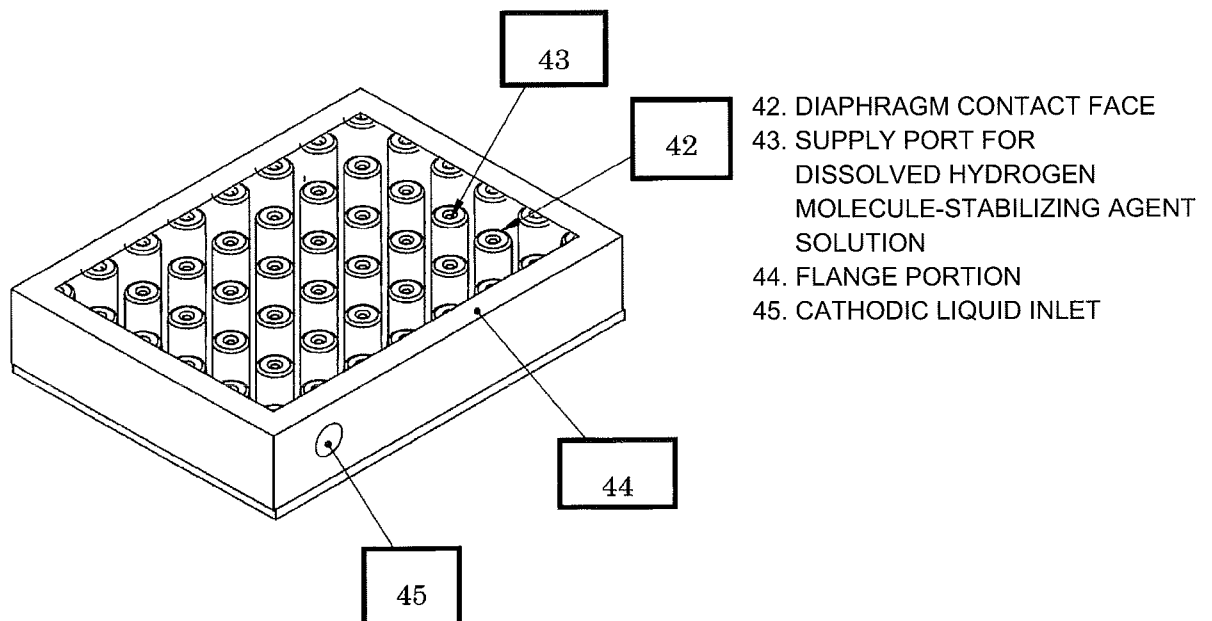
- 1. CHAMBER FOR DISSOLVED HYDROGEN
MOLECULE-STABILIZING AGENT SOLUTION
- 2. CHAMBER INLET FOR DISSOLVED HYDROGEN
MOLECULE-STABILIZING AGENT SOLUTION
- 3. CHAMBER OUTLET FOR DISSOLVED HYDROGEN
MOLECULE-STABILIZING AGENT SOLUTION
- 4. CATHODE CHAMBER
- 41. ION EXCHANGE RESIN LAYER
- 5. CATHODE CHAMBER INLET
- 6. CATHODE CHAMBER OUTLET
- 8. DIAPHRAGM
- 9. ANODE ELECTRODE
- 10. ANODE CHAMBER
- 11. ANODE CHAMBER INLET
- 12. ANODE CHAMBER OUTLET
- 19. POROUS FILM
- 20. POROUS CATHODE ELECTRODE

FIG.10



1. CHAMBER FOR DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION
2. CHAMBER INLET FOR DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION
3. CHAMBER OUTLET FOR DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION
4. CATHODE CHAMBER
5. CATHODE CHAMBER INLET
6. CATHODE CHAMBER OUTLET
7. CATHODE ELECTRODE
8. DIAPHRAGM
9. ANODE ELECTRODE
10. ANODE CHAMBER
11. ANODE CHAMBER INLET
12. ANODE CHAMBER OUTLET

FIG.11



42. DIAPHRAGM CONTACT FACE
43. SUPPLY PORT FOR DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION
44. FLANGE PORTION
45. CATHODIC LIQUID INLET

FIG.12

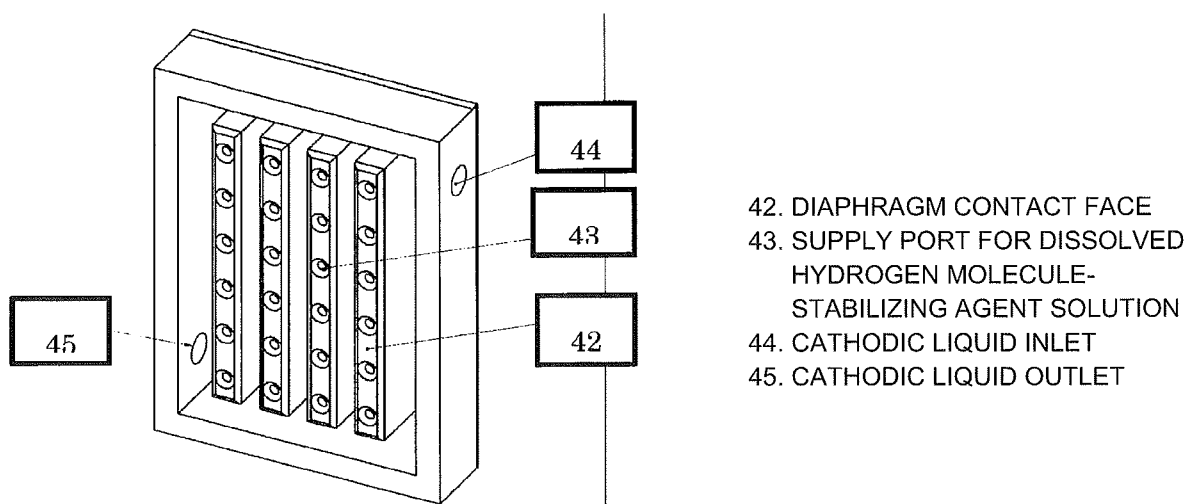


FIG.13

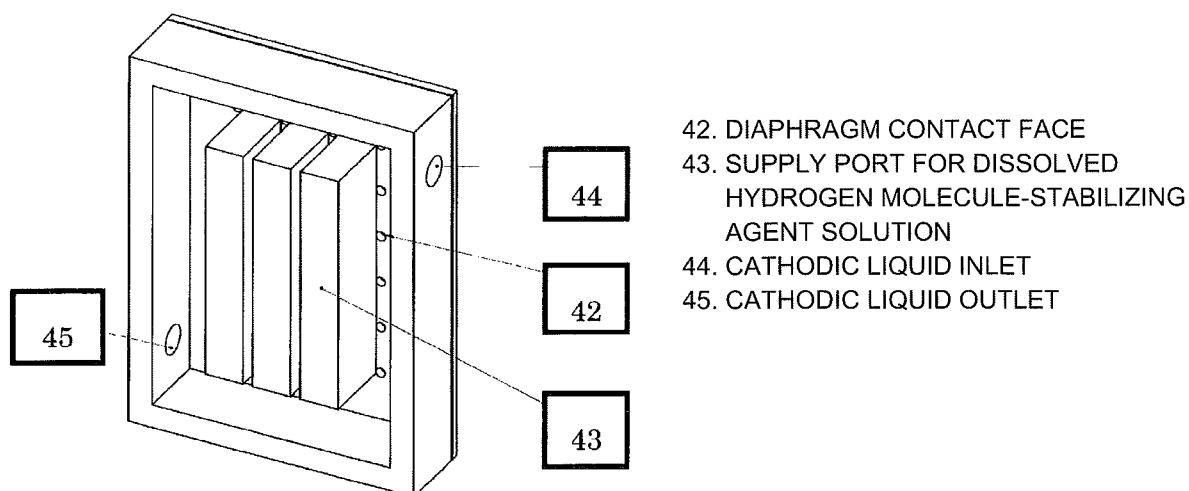
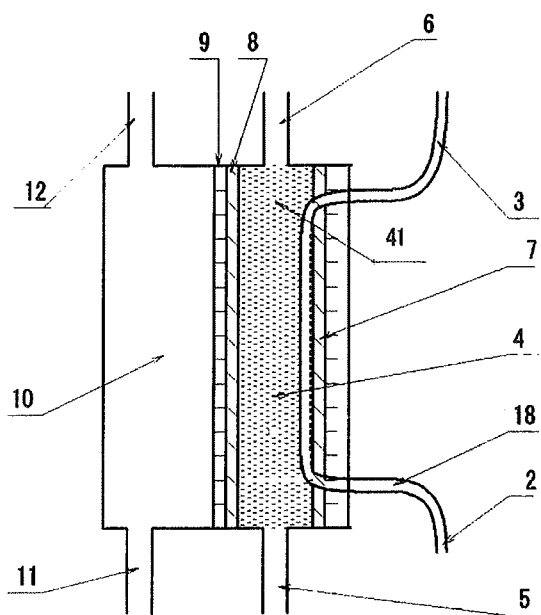
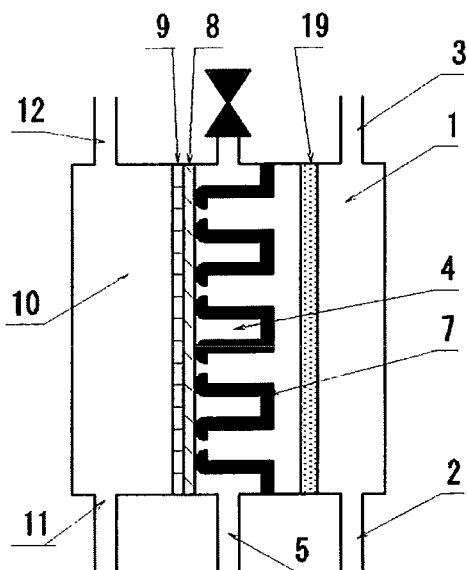


FIG.14 (a)



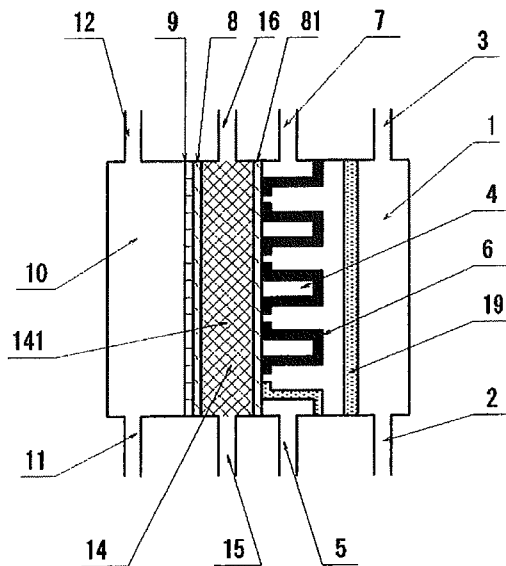
- 2. INLET FOR DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION
- 3. OUTLET FOR DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION
- 4. CATHODE CHAMBER
- 41. ION EXCHANGE RESIN LAYER
- 5. CATHODE CHAMBER INLET
- 6. CATHODE CHAMBER OUTLET
- 7. CATHODE ELECTRODE
- 8. DIAPHRAGM
- 9. ANODE ELECTRODE
- 10. ANODE CHAMBER
- 11. ANODE CHAMBER INLET
- 12. ANODE CHAMBER OUTLET
- 18. TUBE FOR DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION

FIG.14 (b)



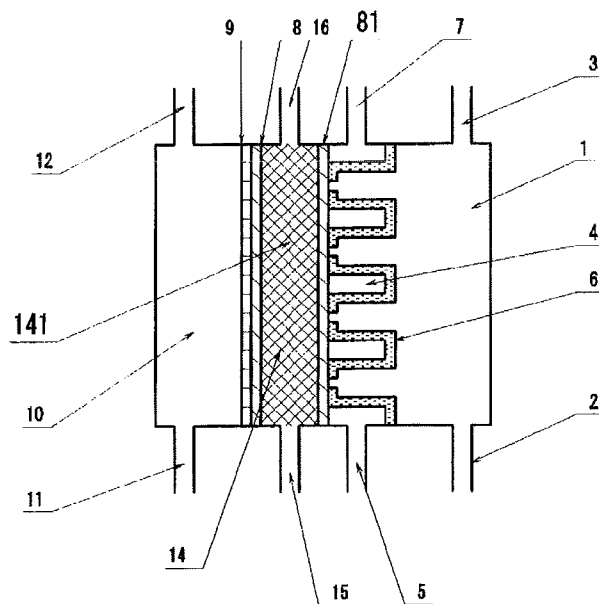
- 1. CHAMBER FOR DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION
- 2. CHAMBER INLET FOR DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION
- 3. CHAMBER OUTLET FOR DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION
- 4. CATHODE CHAMBER
- 5. CATHODE CHAMBER INLET
- 6. CATHODE CHAMBER OUTLET
- 7. CATHODE ELECTRODE
- 8. DIAPHRAGM
- 9. ANODE ELECTRODE
- 10. ANODE CHAMBER
- 11. ANODE CHAMBER INLET
- 12. ANODE CHAMBER OUTLET
- 16. INTERMEDIATE CHAMBER OUTLET
- 19. POROUS FILM

FIG.15 (a)



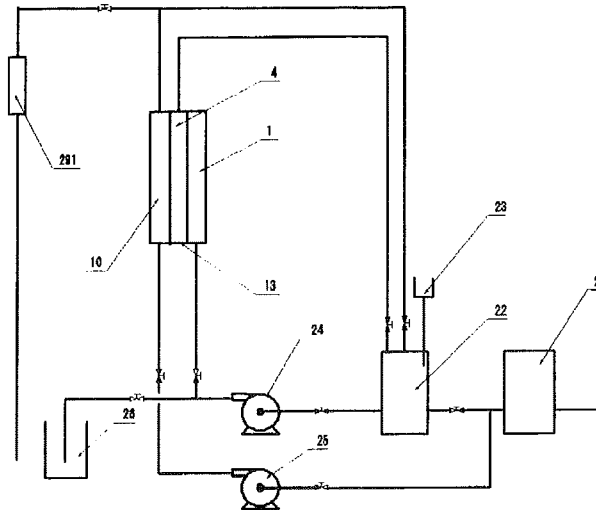
1. CHAMBER FOR DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION
2. CHAMBER INLET FOR DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION
3. CHAMBER OUTLET FOR DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION
4. CATHODE CHAMBER
41. ION EXCHANGE RESIN LAYER
5. CATHODE CHAMBER INLET
6. CATHODE CHAMBER OUTLET
7. CATHODE ELECTRODE
8. DIAPHRAGM
81. DIAPHRAGM B
9. ANODE ELECTRODE
10. ANODE CHAMBER
11. ANODE CHAMBER INLET
12. ANODE CHAMBER OUTLET
14. INTERMEDIATE CHAMBER
141. ION EXCHANGE RESIN
15. INTERMEDIATE CHAMBER INLET
16. INTERMEDIATE CHAMBER OUTLET
19. POROUS FILM

FIG.15 (b)



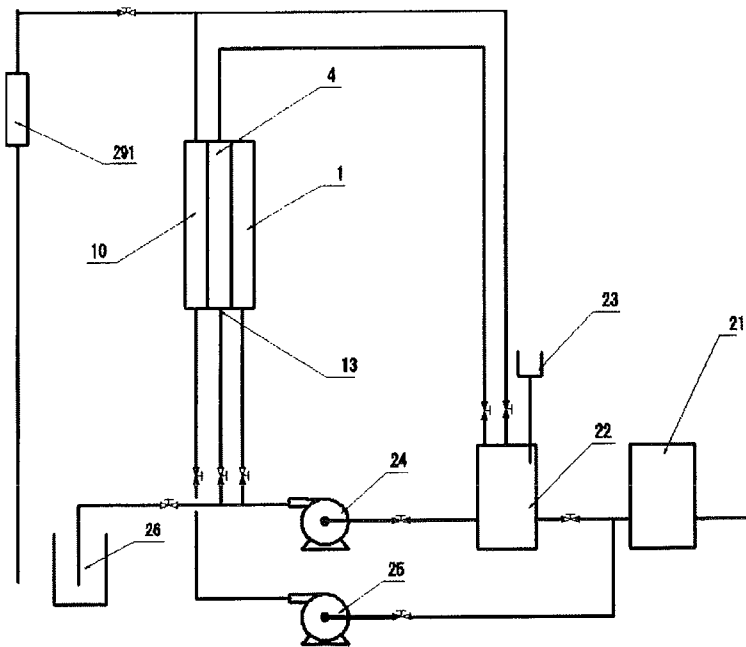
1. CHAMBER FOR DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION
2. CHAMBER INLET FOR DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION
3. CHAMBER OUTLET FOR DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION
4. CATHODE CHAMBER
41. ION EXCHANGE RESIN LAYER
5. CATHODE CHAMBER INLET
6. CATHODE CHAMBER OUTLET
7. CATHODE ELECTRODE
8. DIAPHRAGM
81. DIAPHRAGM B
9. ANODE ELECTRODE
10. ANODE CHAMBER
11. ANODE CHAMBER INLET
12. ANODE CHAMBER OUTLET
14. INTERMEDIATE CHAMBER
141. ION EXCHANGE RESIN
15. INTERMEDIATE CHAMBER INLET
16. INTERMEDIATE CHAMBER OUTLET
19. POROUS FILM

FIG.16 (a)



- 1. CHAMBER FOR DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION
- 4. CATHODE CHAMBER
- 10. ANODE CHAMBER
- 13. ELECTROLYTIC CELL
- 21. WATER-SOFTENING SYSTEM
- 22. TANK FOR DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION
- 23. ADDITION PORT OF DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION
- 24. CATHODIC LIQUID SUPPLY PUMP
- 25. ANODIC LIQUID SUPPLY PUMP
- 26. TANK FOR ELECTROLYTIC REDUCTION DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION
- 291. ACTIVATED CARBON FILTER

FIG.16 (b)



- 1. CHAMBER FOR DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION
- 4. CATHODE CHAMBER
- 10. ANODE CHAMBER
- 13. ELECTROLYTIC CELL
- 21. WATER-SOFTENING SYSTEM
- 22. TANK FOR DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION
- 23. ADDITION PORT OF DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION
- 24. CATHODIC LIQUID SUPPLY PUMP
- 25. ANODIC LIQUID SUPPLY PUMP
- 26. TANK FOR ELECTROLYTIC REDUCTION DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION
- 291. ACTIVATED CARBON FILTER

FIG.17

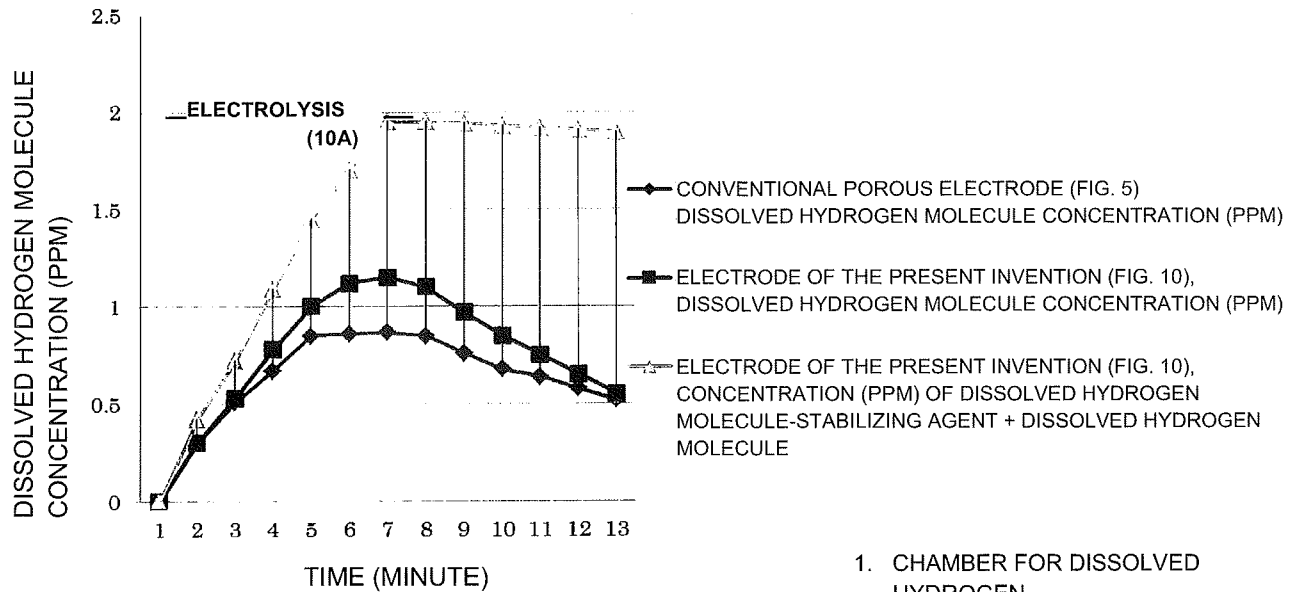
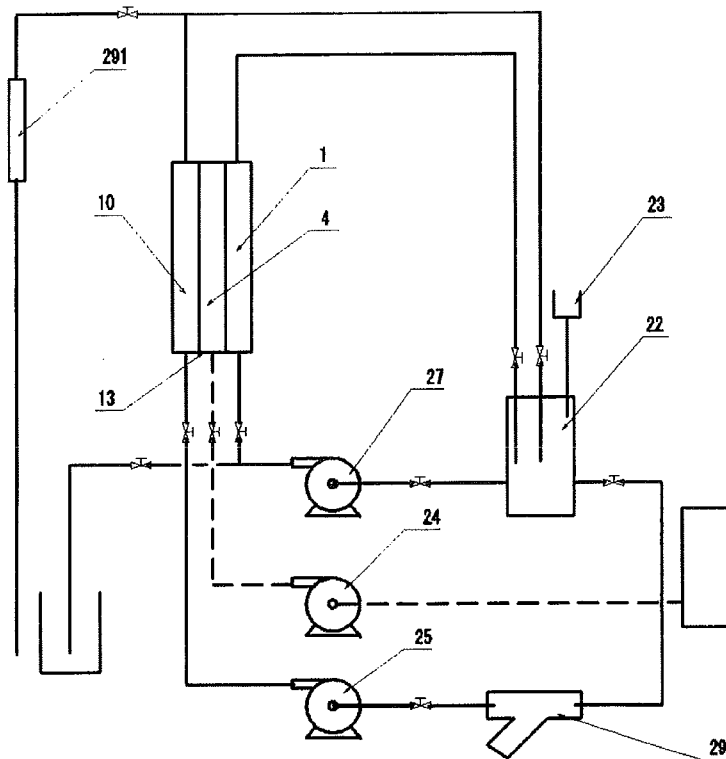


FIG.18



1. CHAMBER FOR DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION
4. CATHODE CHAMBER
10. ANODE CHAMBER
13. ELECTROLYTIC CELL
22. TANK FOR DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION
23. ADDITION PORT FOR CELL-EXTRACTION COMPONENT
24. CATHODIC LIQUID SUPPLY PUMP
25. ANODIC LIQUID SUPPLY PUMP
26. TANK FOR ELECTROLYTIC REDUCTION DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION
27. SUPPLY PUMP FOR DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION
28. REVERSE OSMOSIS MEMBRANE FILTER
291. ACTIVATED CARBON FILTER

FIG.19

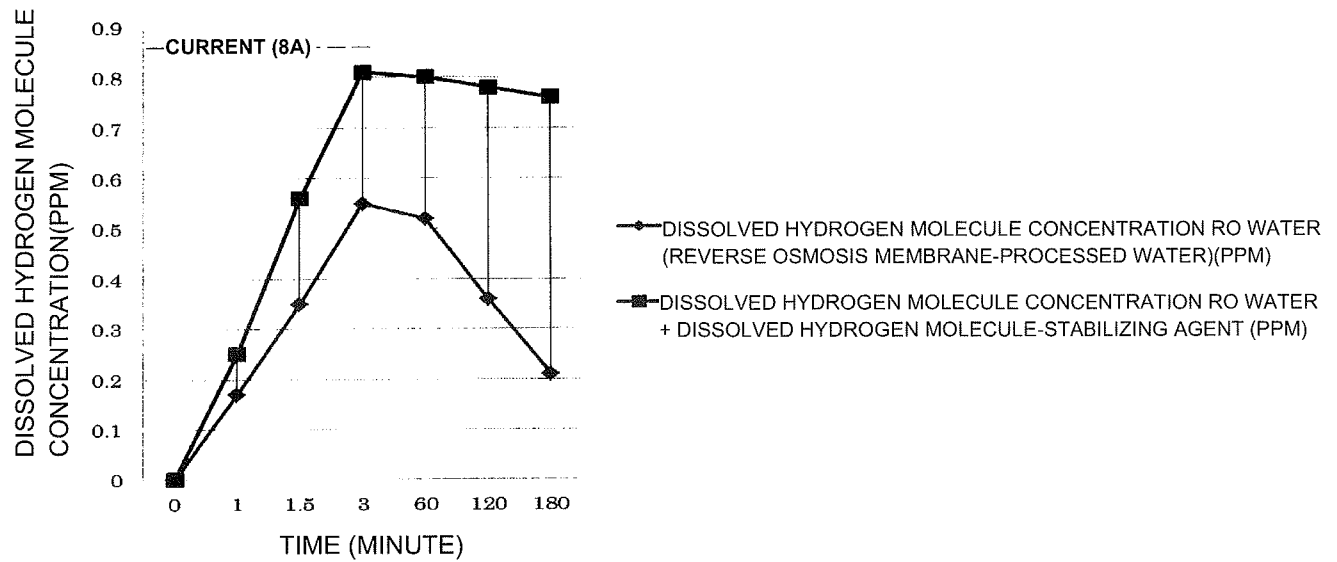


FIG.20

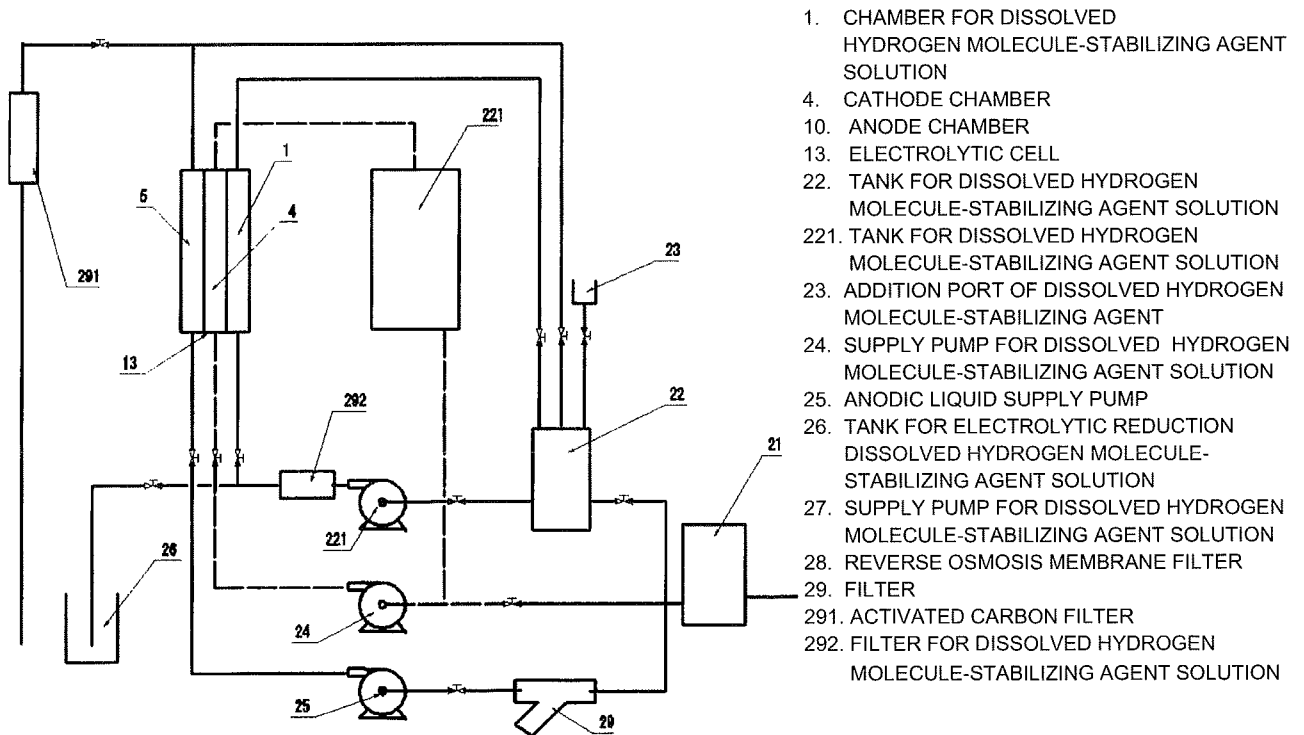


FIG.21

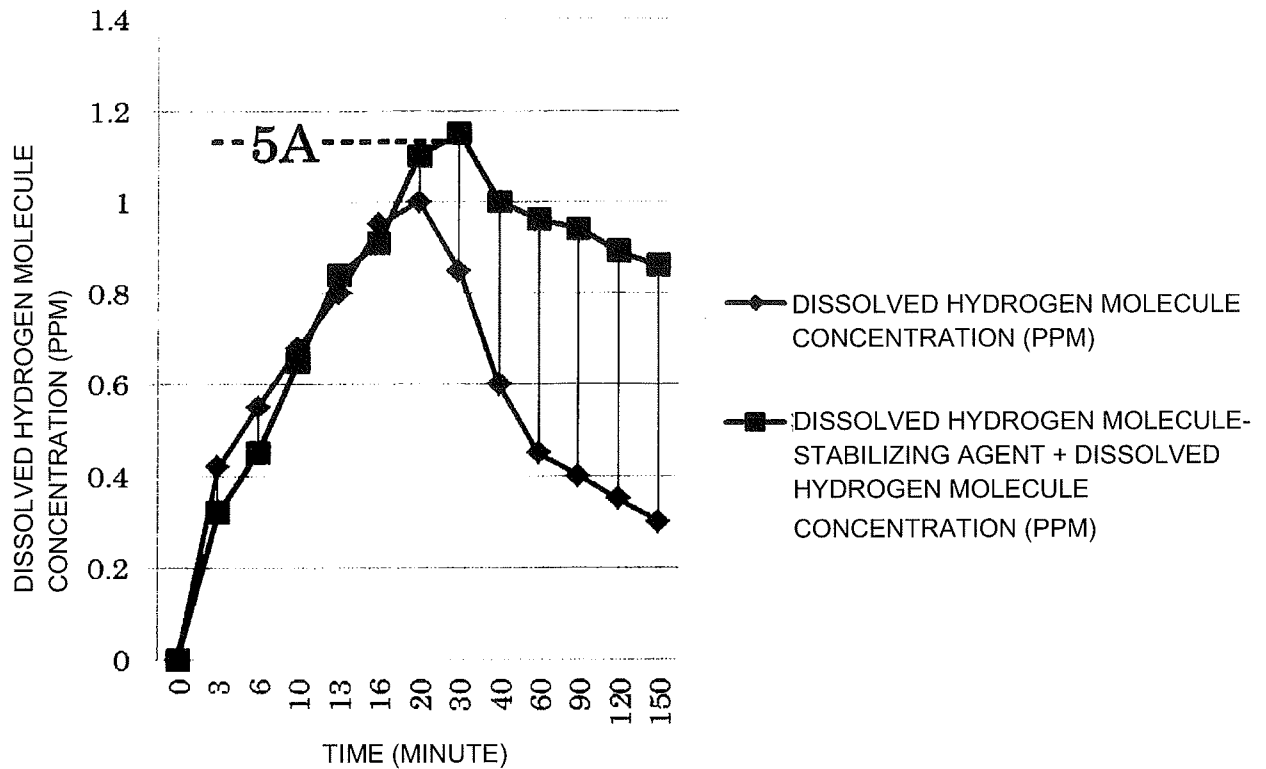


FIG.22

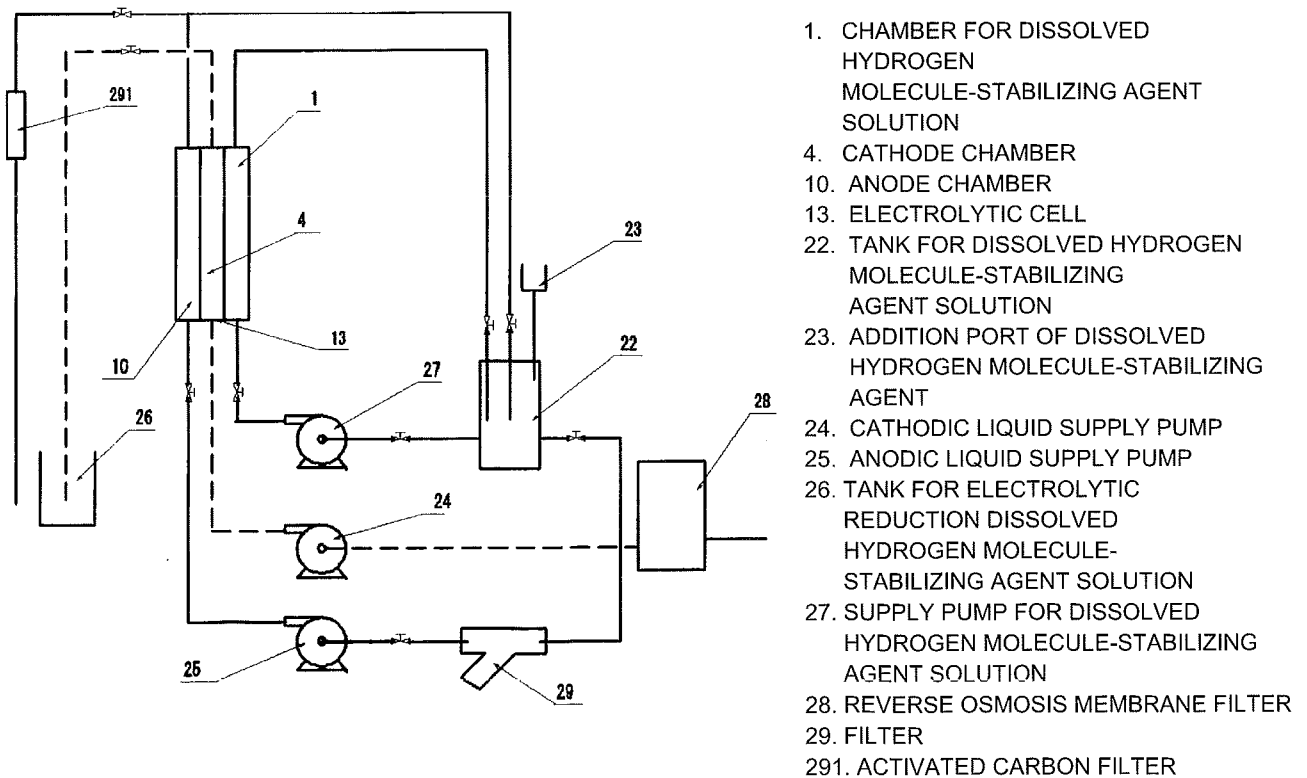
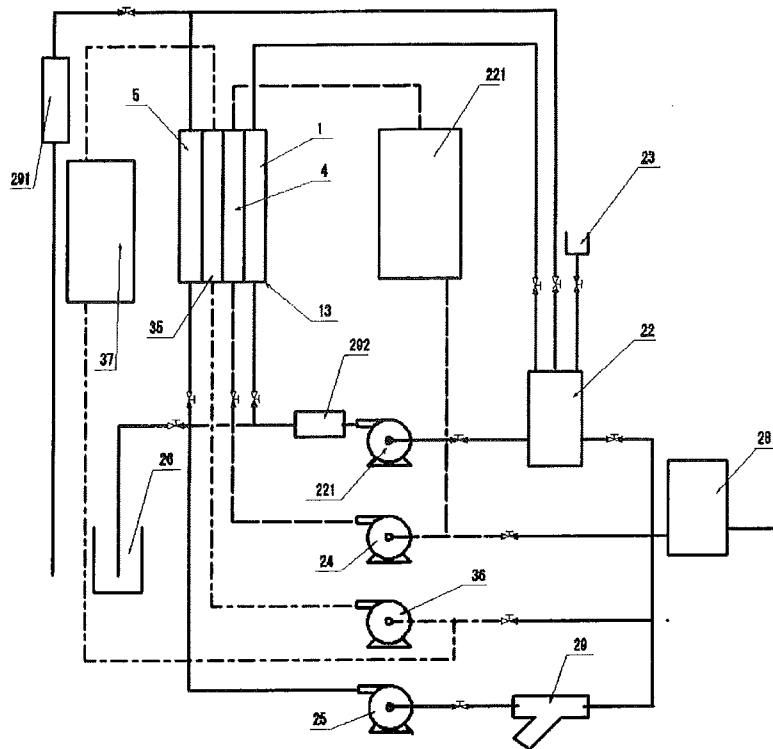
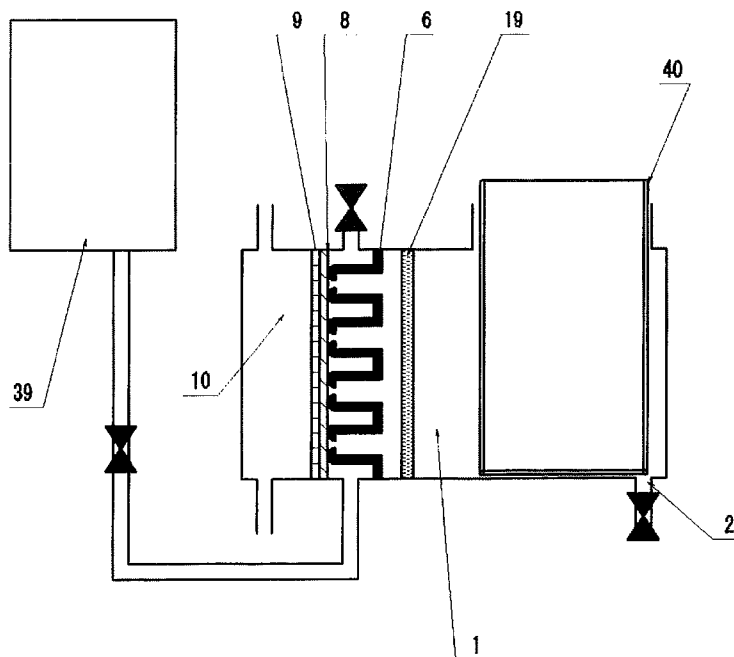


FIG. 23



1. CHAMBER FOR DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION
4. CATHODE CHAMBER
10. ANODE CHAMBER
13. ELECTROLYTIC CELL
14. INTERMEDIATE CHAMBER
22. TANK FOR DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION
221. CATHODIC LIQUID TANK
23. ADDITION PORT OF DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT
24. CATHODIC LIQUID SUPPLY PUMP
25. ANODIC LIQUID SUPPLY PUMP
26. TANK FOR ELECTROLYTIC REDUCTION DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION
27. SUPPLY PUMP FOR DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION
28. REVERSE OSMOSIS MEMBRANE FILTER
29. FILTER
291. ACTIVATED CARBON FILTER
292. FILTER FOR DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT COMPONENT
36. INTERMEDIATE CHAMBER LIQUID CIRCULATE PUMP
37. INTERMEDIATE CHAMBER LIQUID

FIG. 24



1. CHAMBER FOR DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION
2. INLET FOR DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION
3. OUTLET FOR DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION
4. CATHODE CHAMBER
5. CATHODE CHAMBER LIQUID INLET
6. CATHODE CHAMBER LIQUID OUTLET
7. CATHODE ELECTRODE
8. DIAPHRAGM
9. ANODE ELECTRODE
10. ANODE CHAMBER
11. ANODE CHAMBER LIQUID INLET
12. ANODE CHAMBER LIQUID OUTLET
19. POROUS FILM
39. TANK FOR ELECTROLYSIS RAW MATERIAL WATER
40. FILTER FOR DISSOLVED HYDROGEN MOLECULE-STABILIZING AGENT SOLUTION

FIG.25

