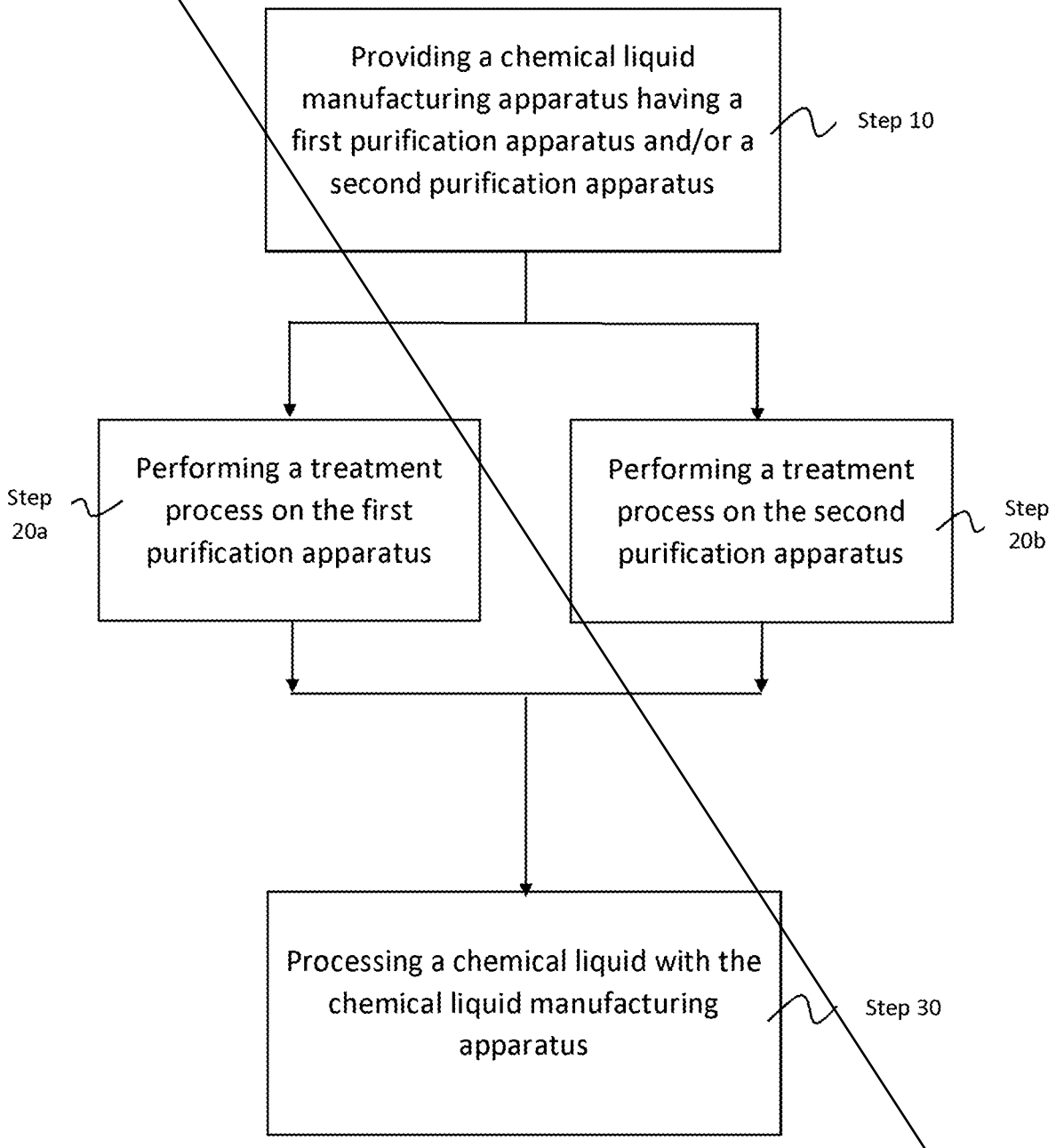
Providing a chemical liquid manufacturing apparatus having a first purification apparatus and/or a second purification apparatus
Step 10
Performing a treatment process on the first purification apparatus
Step 20a
Performing a treatment process on the second purification apparatus
Step 20b
Processing a chemical liquid with the chemical liquid manufacturing apparatus
Step 30

FIG. 1A

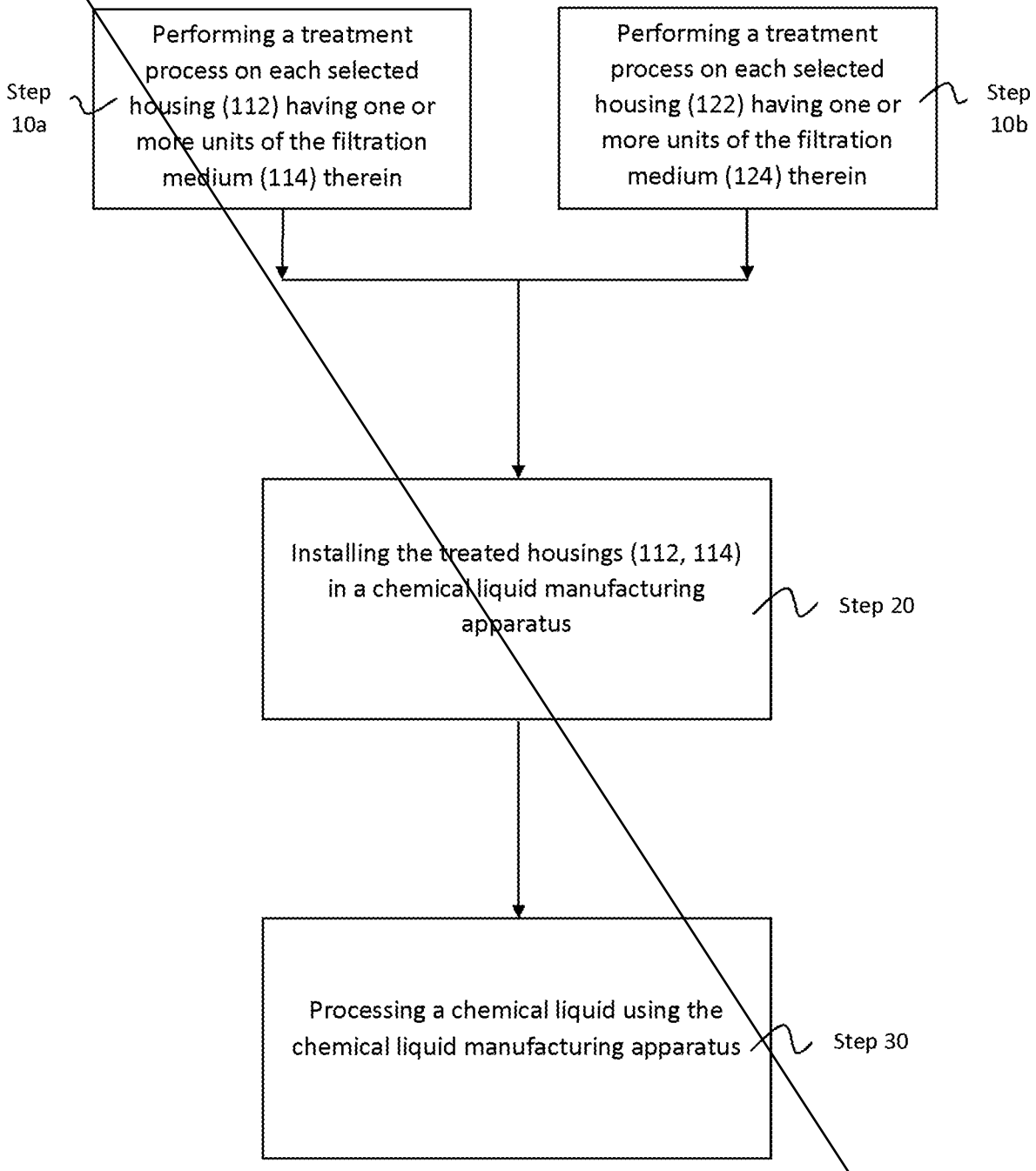
Performing a treatment process on each selected housing (112) having one or more units of the filtration medium (114) therein
Step 10a
Performing a treatment process on each selected housing (122) having one or more units of the filtration medium (124) therein
Step 10b
Installing the treated housings (112, 114) in a chemical liquid manufacturing apparatus
Step 20
Processing a chemical liquid using the chemical liquid manufacturing apparatus
Step 30

FIG. 1B

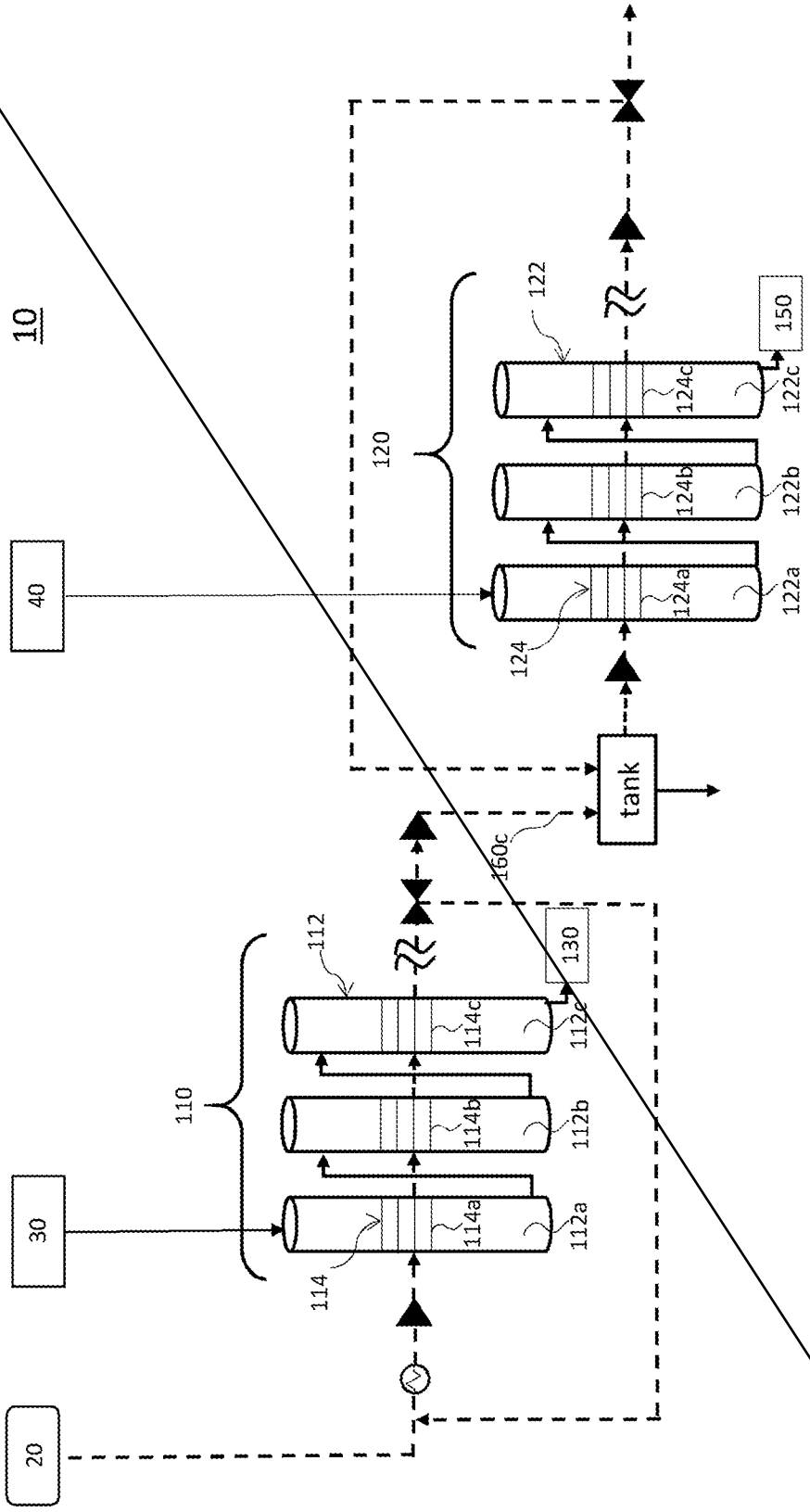
10
20
30
40
110
112
114
112a
112b
112c
114a
114b
114c
120
122
124
122a
122b
122c
124a
124b
124c
130
150
160c
tank

FIG. 2

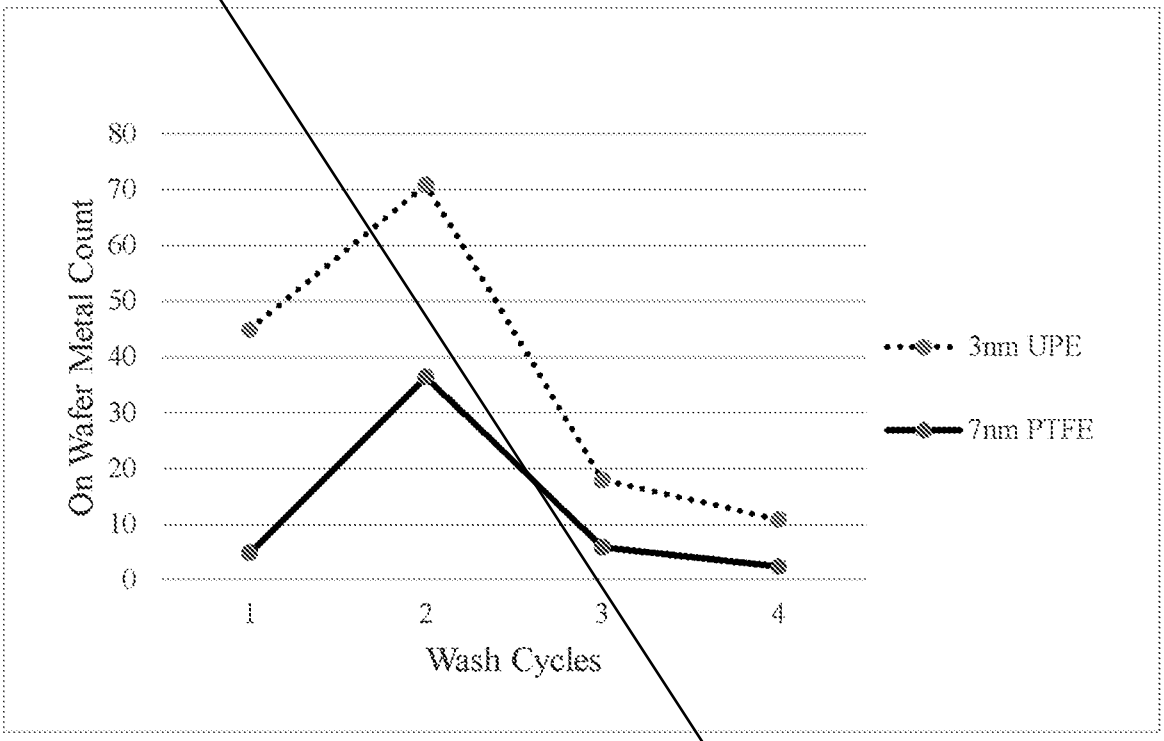
On Wafer Metal Count
80
70
60
50
40
30
20
10
0
1
2
3
4
Wash Cycles
3nm UPE
7nm PTFE

FIG. 3

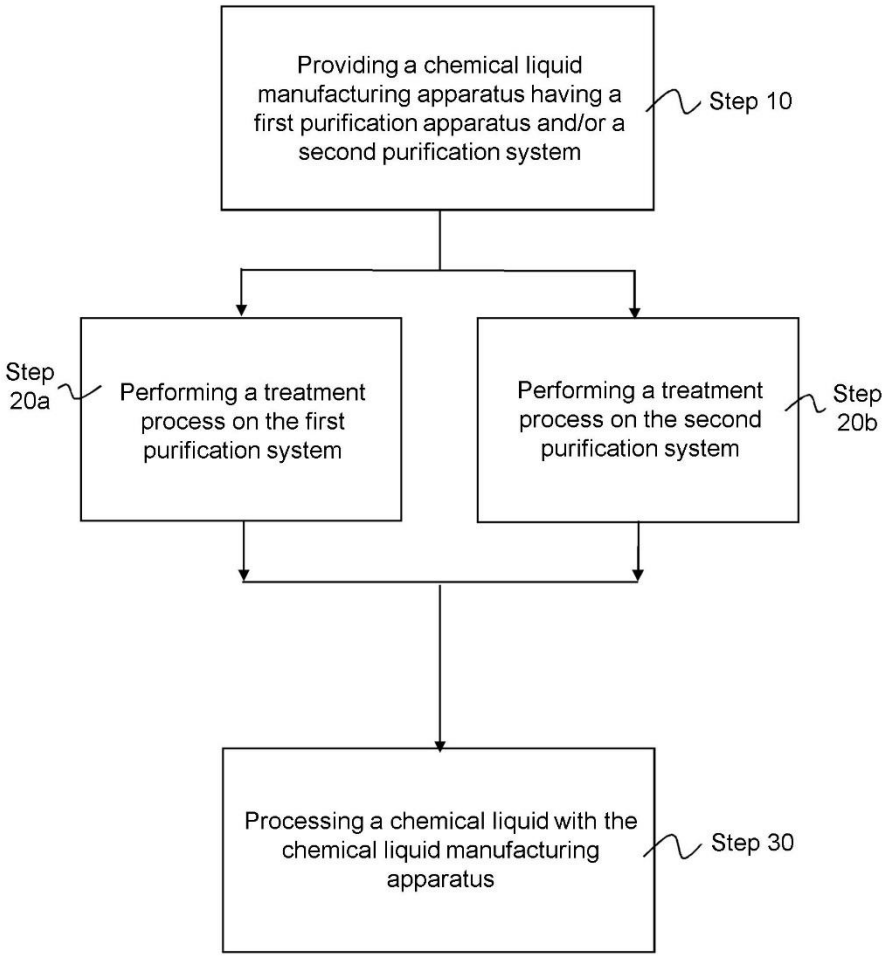
Providing a chemical liquid manufacturing apparatus having a first purification apparatus and/or a second purification system
Step 10
Step 20a
Performing a treatment process on the first purification system
Performing a treatment process on the second purification system
Step 20b
Processing a chemical liquid with the chemical liquid manufacturing apparatus
Step 30

FIG. 1A

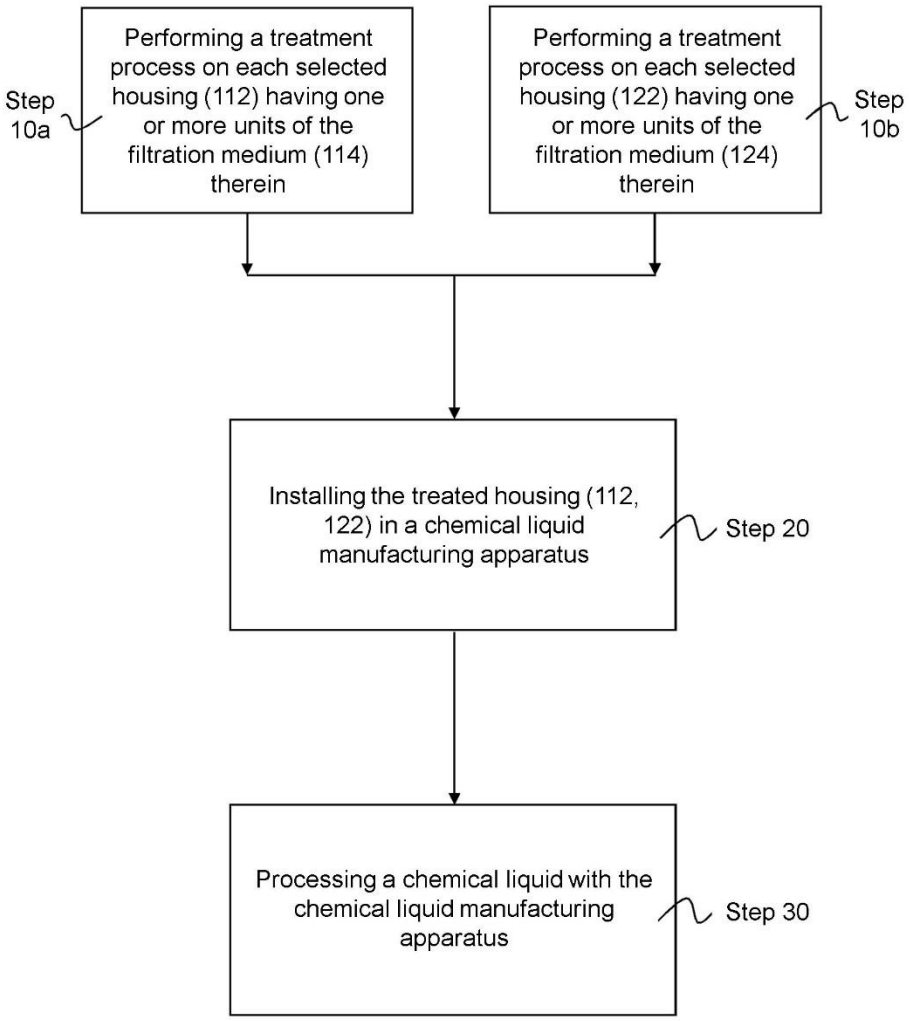
Step 10a
Performing a treatment process on each selected housing (112) having one or more units of the filtration medium (114) therein
Performing a treatment process on each selected housing (122) having one or more units of the filtration medium (124) therein
Step 10b
Installing the treated housing (112, 122) in a chemical liquid manufacturing apparatus
Step 20
Processing a chemical liquid with the chemical liquid manufacturing apparatus
Step 30

FIG. 1B

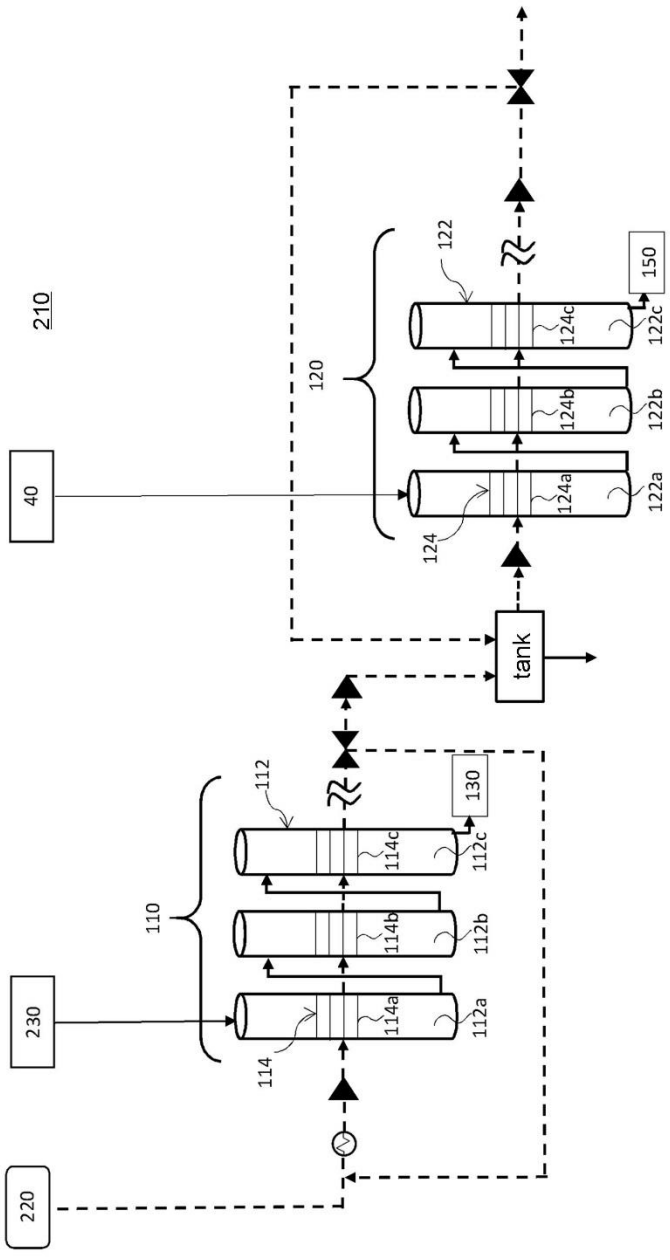
210
220
230
40
110
112
114
112a
112b
112c
114a
114b
114c
130
120
122
124
122a
122b
122c
124a
124b
124c
150
tank

FIG. 2

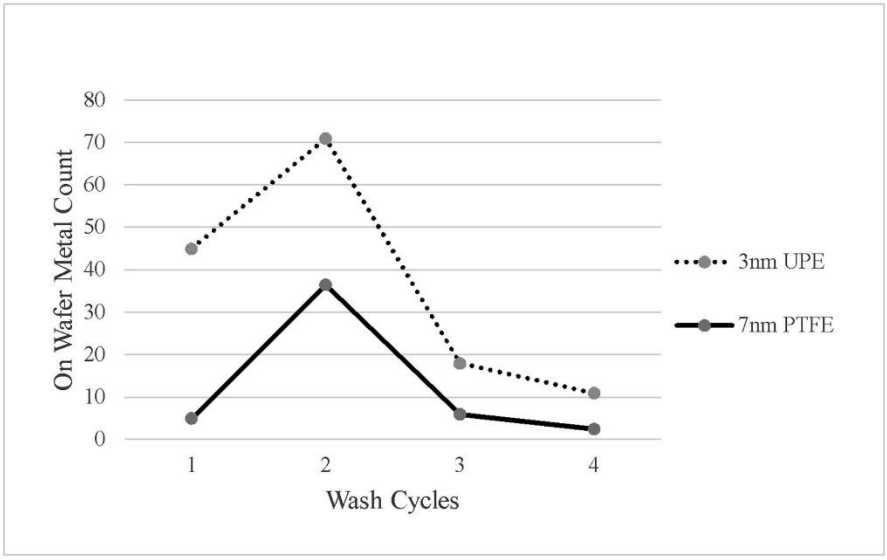
80
70
60
50
40
30
20
10
0
On Wafer Metal Count
1
2
3
4
Wash Cycles
3nm UPE
7nm PTFE

FIG. 3