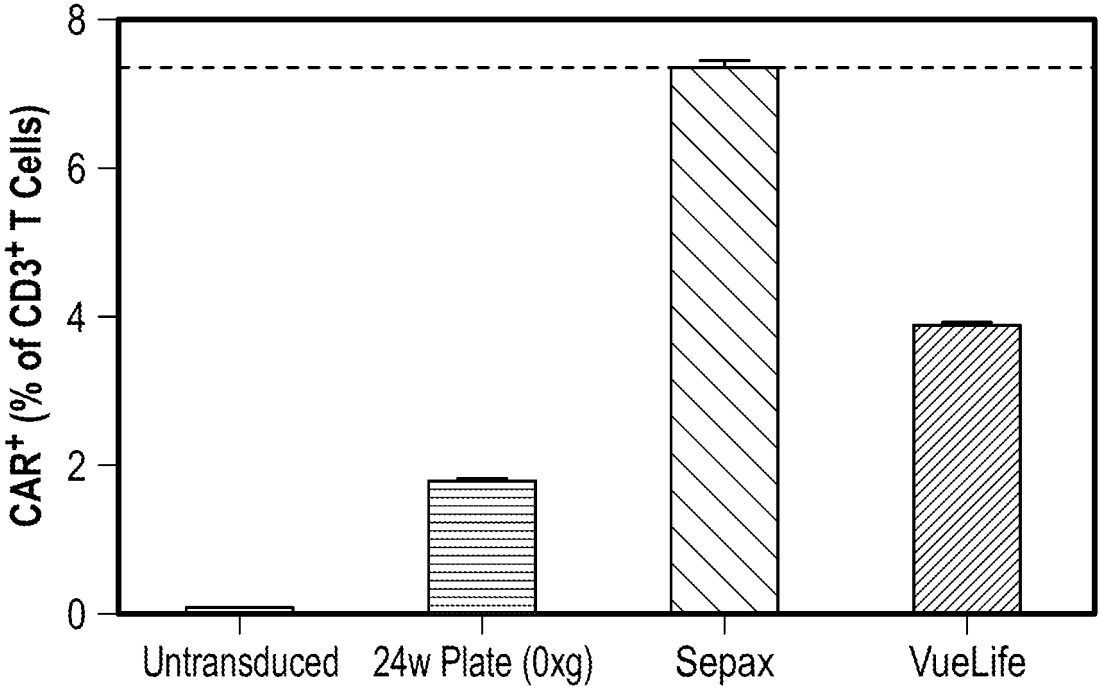

8
6
4
2
0
CAR+ (% of CD3+ T Cells)
Untransduced
24w Plate (0xg)
Sepax
VueLife

FIG. 1A

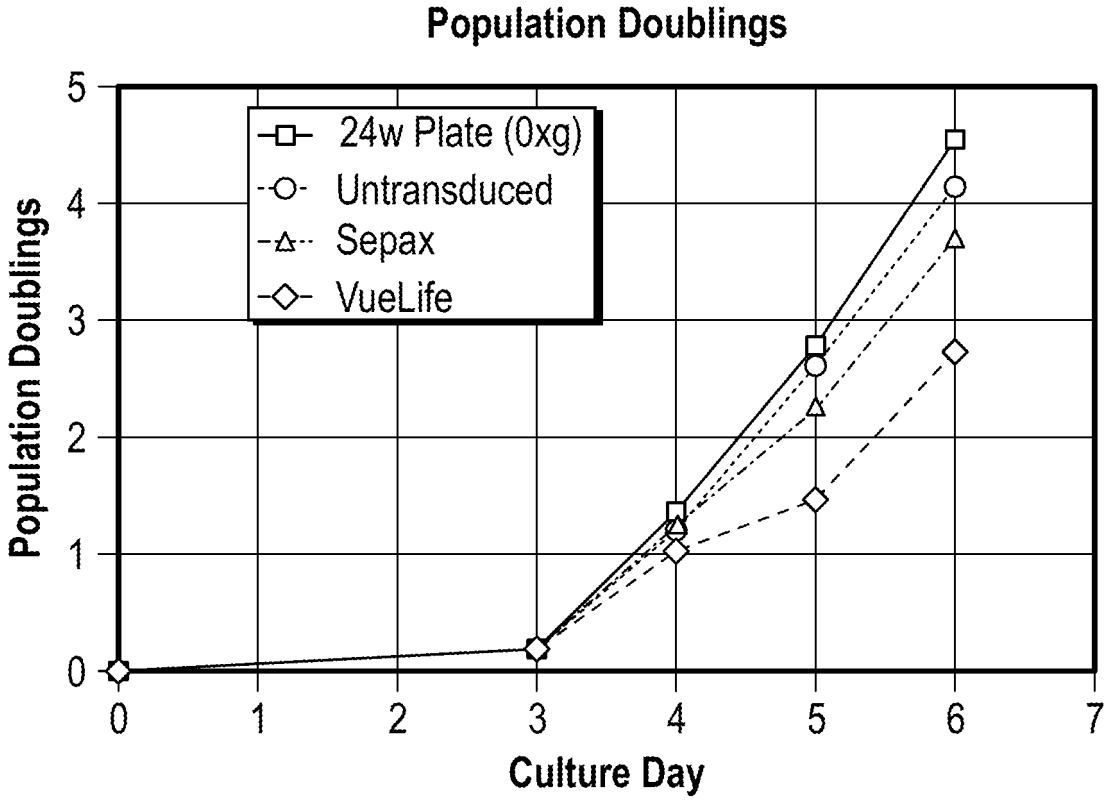

Population Doublings
24w Plate (0xg)
Untransduced
Sepax
VueLife
Population Doublings
Culture Day
0
1
2
3
4
5
6
7

FIG. 1B

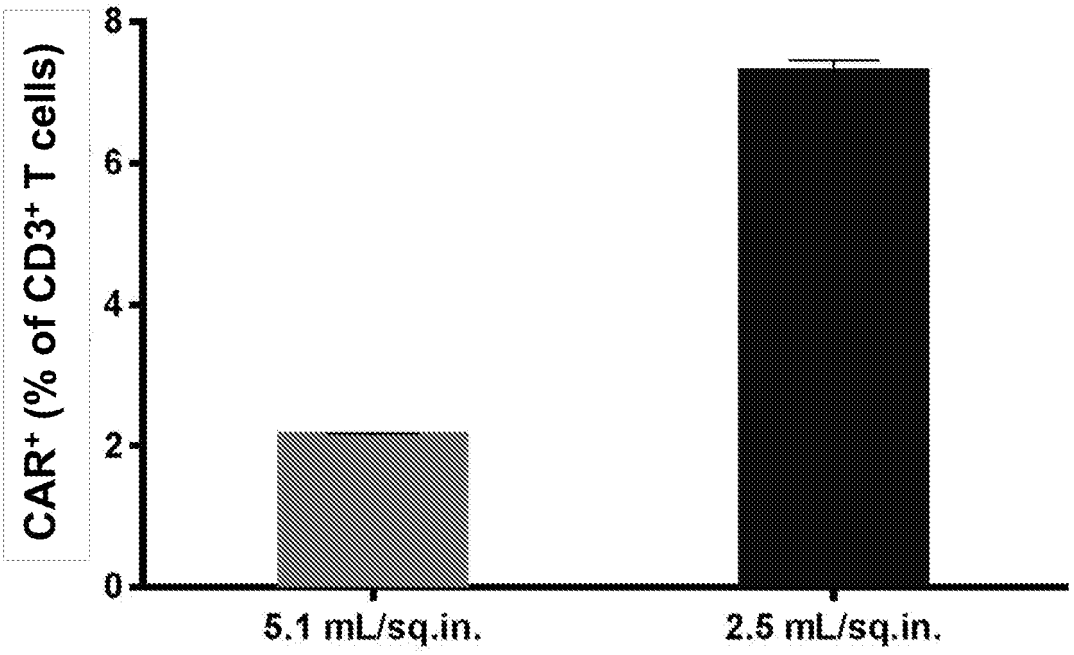


FIG. 2

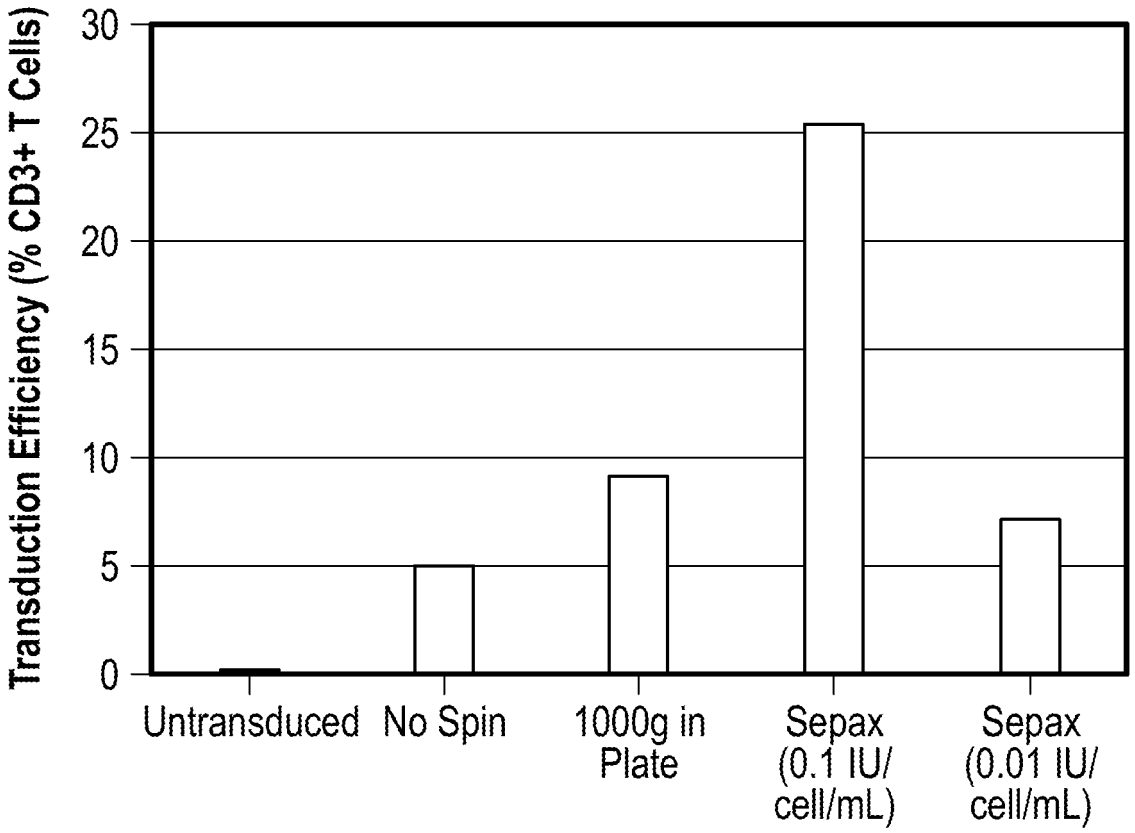

Transduction Efficiency (% CD3+ T Cells)
30
25
20
15
10
5
0
Untransduced
No Spin
1000g in Plate
Sepax (0.1 IU/ cell/mL)
Sepax (0.01 IU/ cell/mL)

FIG. 3

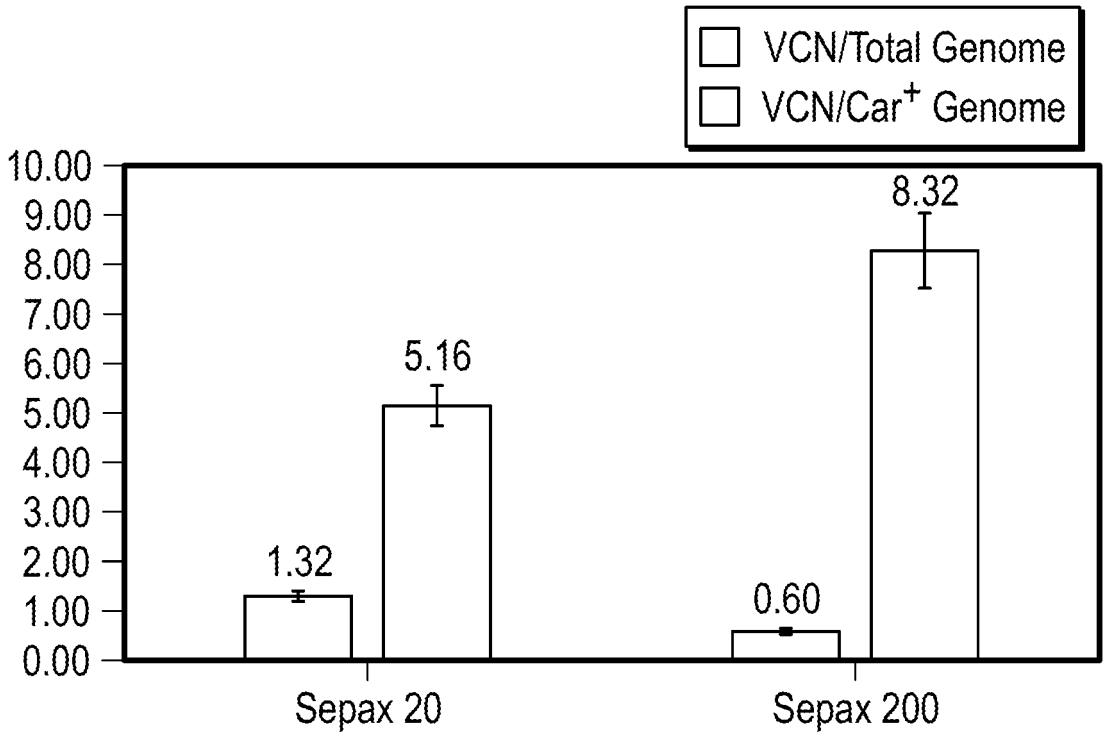

VCN/Total Genome
VCN/Car+ Genome
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
1.32
5.16
0.60
8.32
Sepax 20
Sepax 200

FIG. 4

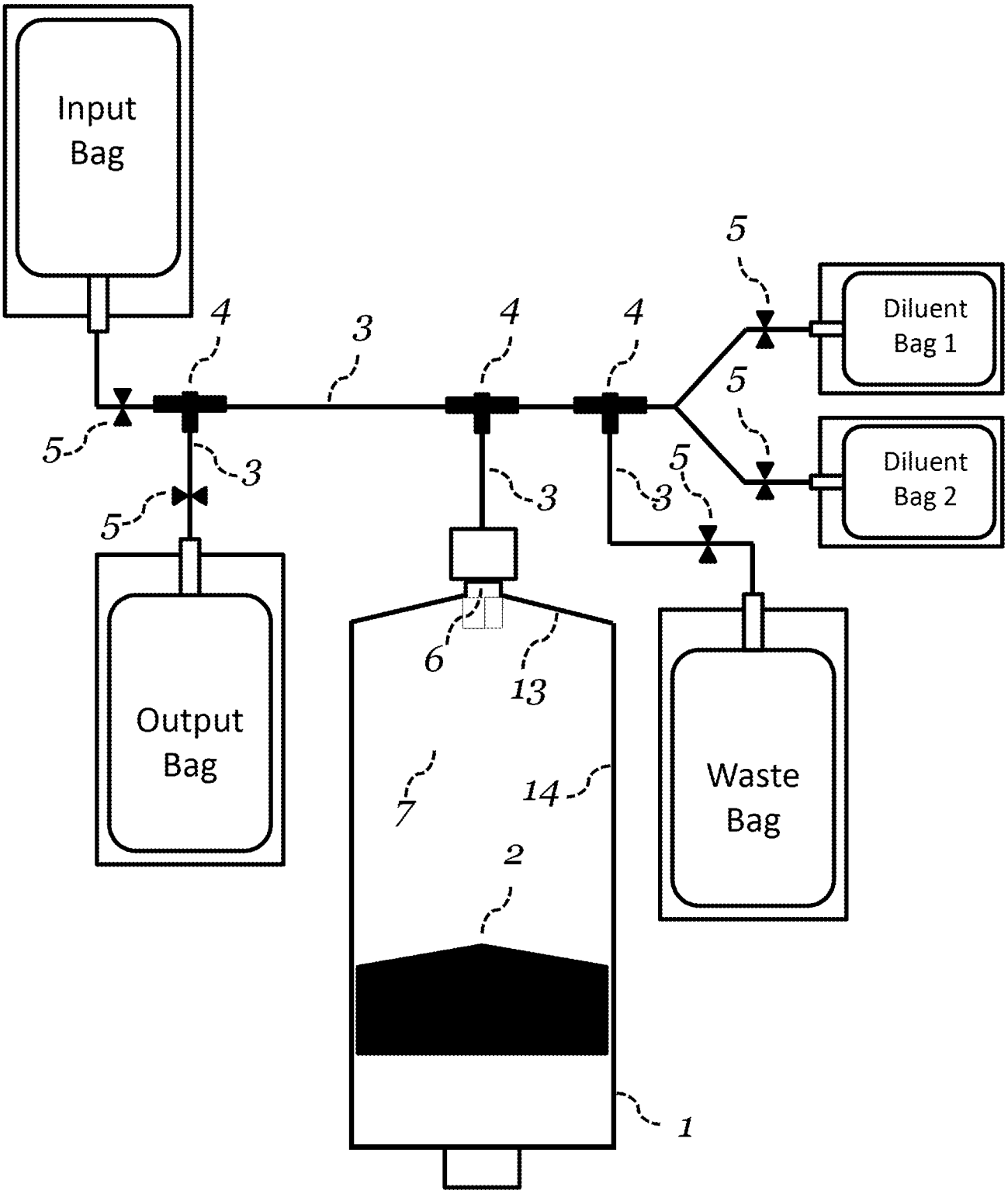

Input Bag
Output Bag
Waste Bag
Diluent Bag 1
Diluent Bag 2
1
2
3
4
5
6
7
13
14

FIG. 5

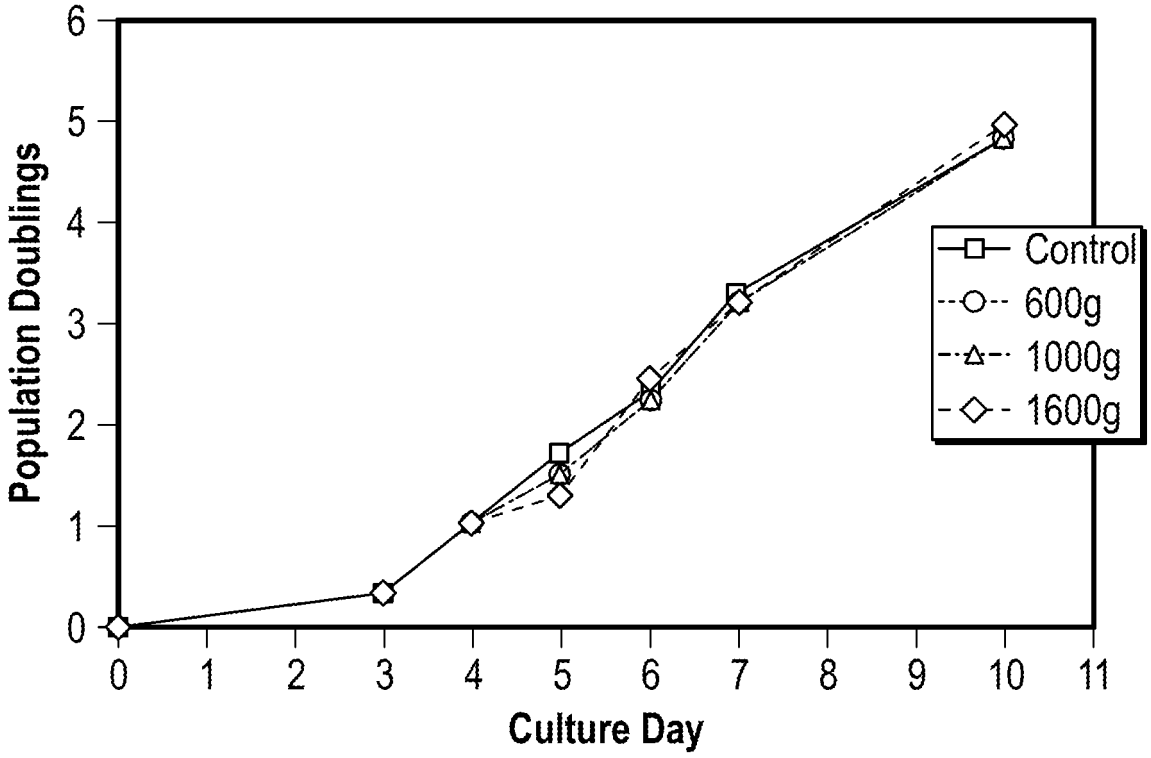

Population Doublings
Culture Day
Control
600g
1000g
1600g
0
1
2
3
4
5
6
7
8
9
10
11

FIG. 6A

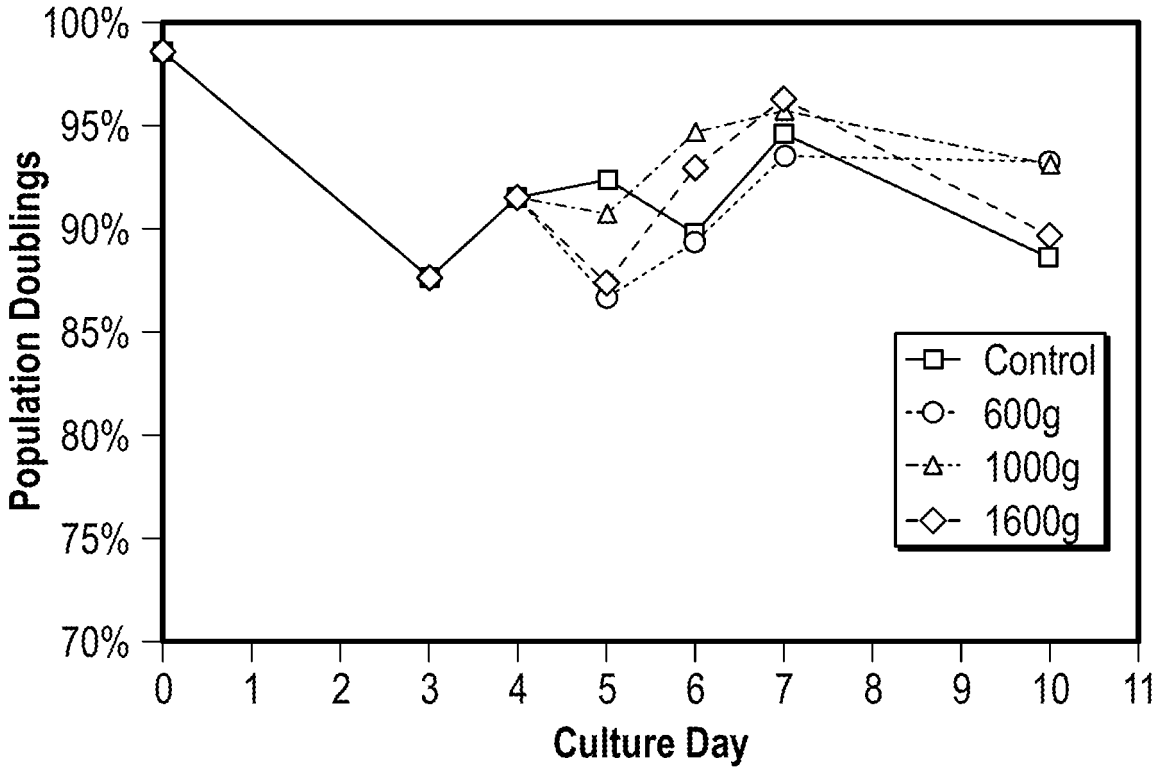

100%
95%
90%
85%
80%
75%
70%
Population Doublings
0
1
2
3
4
5
6
7
8
9
10
11
Culture Day
Control
600g
1000g
1600g

FIG. 6B

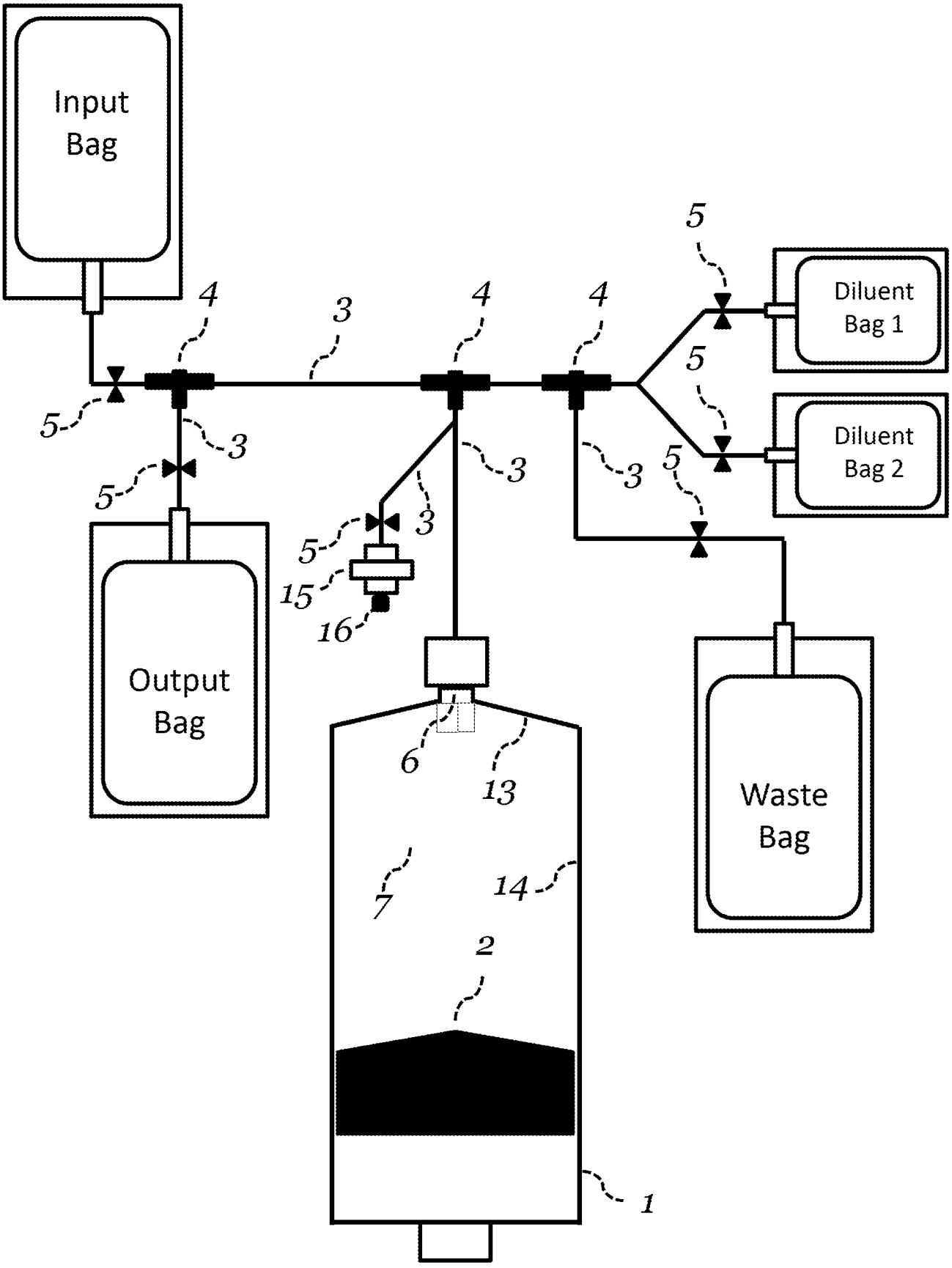

Input Bag
Diluent Bag 1
Diluent Bag 2
Output Bag
Waste Bag
1
2
3
4
5
6
7
13
14
15
16

FIG. 7

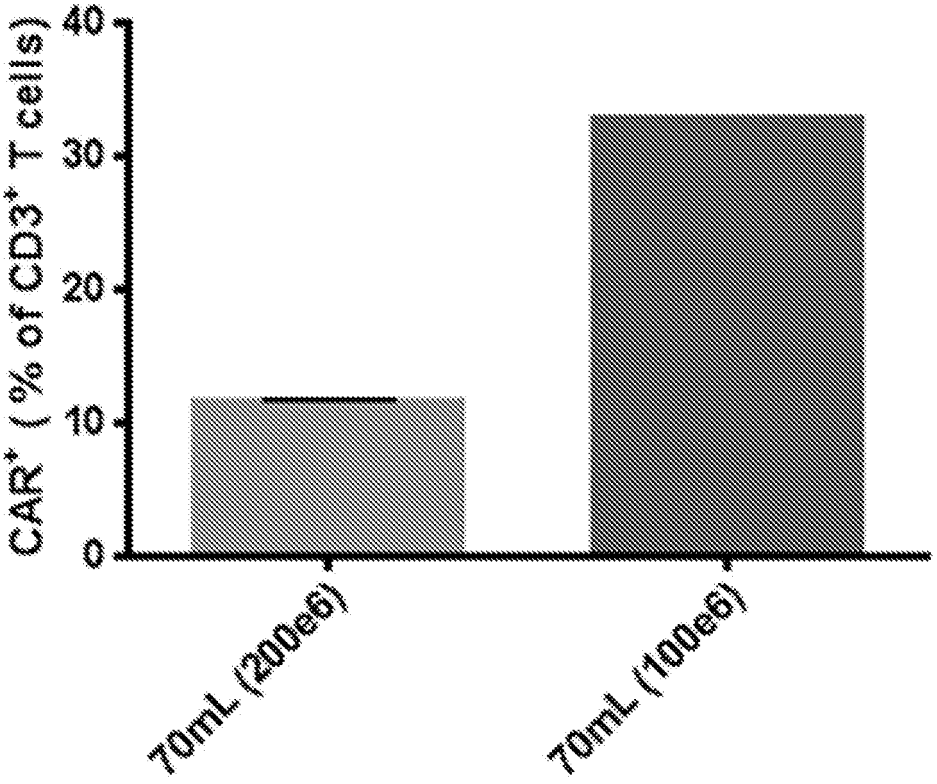

CAR+ (% of CD3+ T cells)
40
30
20
10
0
70mL (200e6)
70mL (100e6)

FIG. 8A

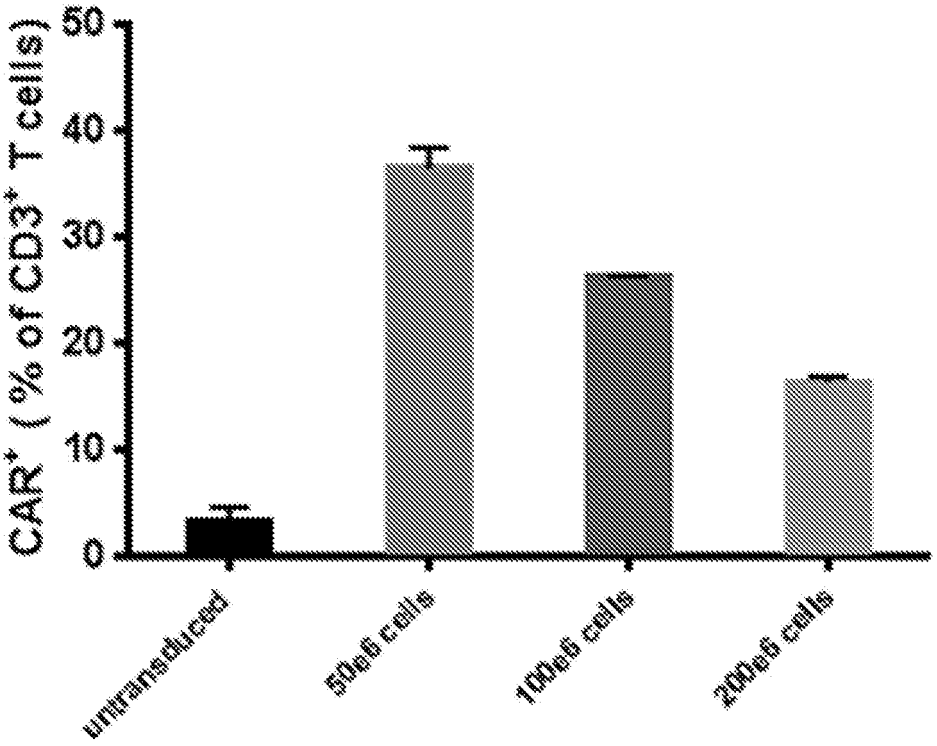

CAR+ (% of CD3+ T cells)
50
40
30
20
10
0
untransduced
50e6 cells
100e6 cells
200e6 cells

FIG. 8B

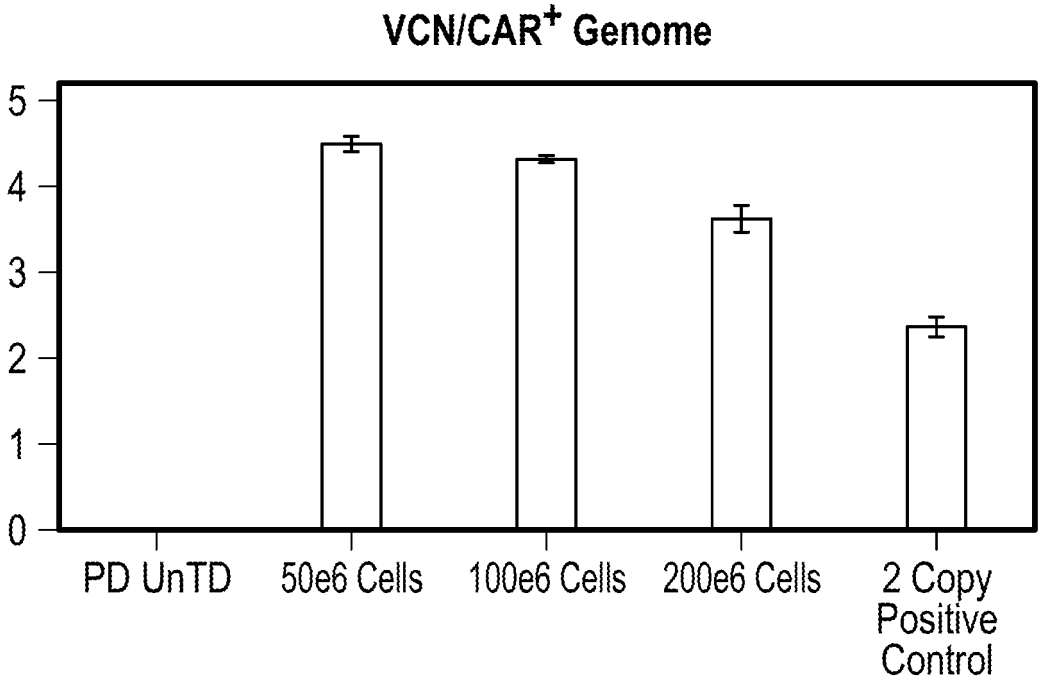

VCN/CAR+ Genome
5
4
3
2
1
0
PD UnTD
50e6 Cells
100e6 Cells
200e6 Cells
2 Copy Positive Control

FIG. 8C

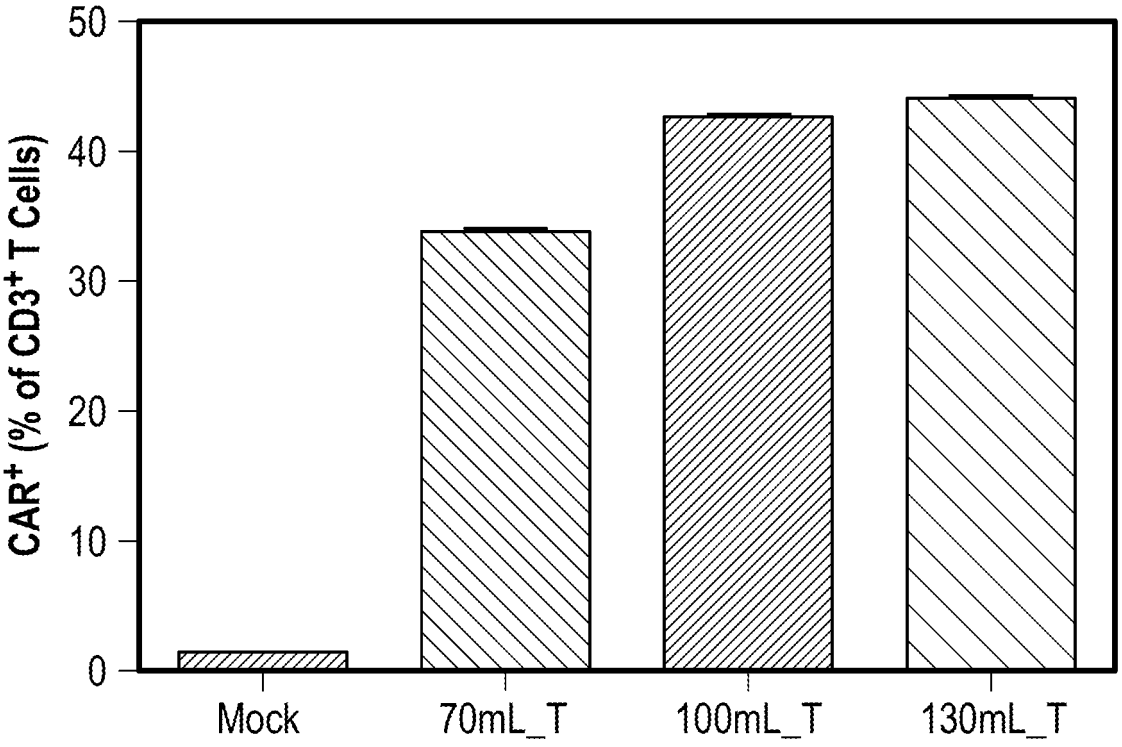

50
40
30
20
10
0
CAR+ (% of CD3+ T Cells)
Mock
70mL_T
100mL_T
130mL_T

FIG. 9A

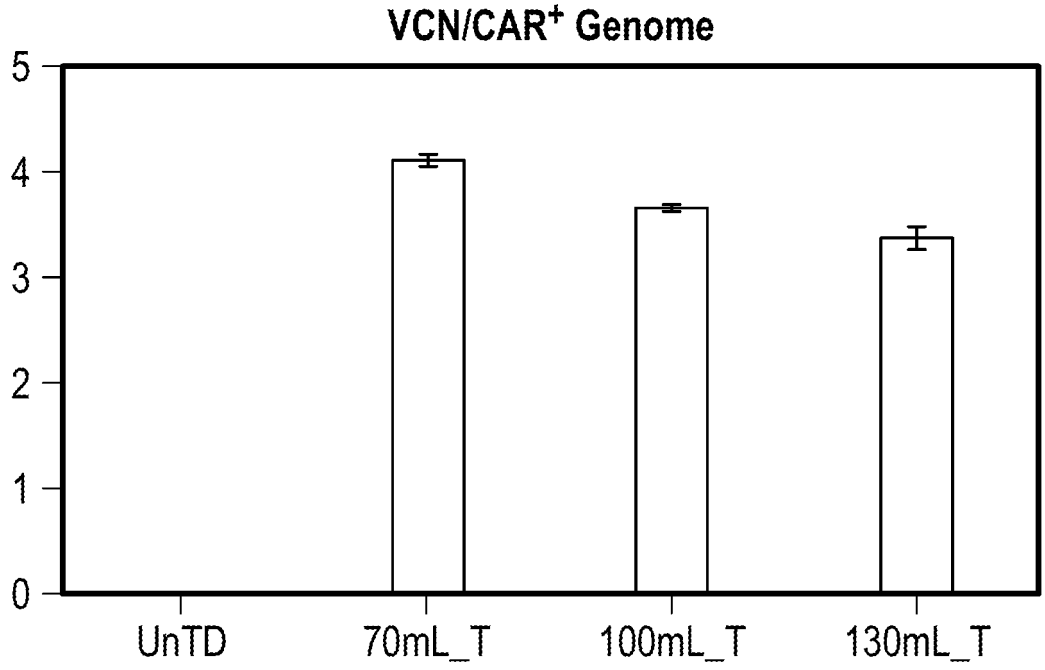

VCN/CAR+ Genome
5
4
3
2
1
0
UnTD
70mL_T
100mL_T
130mL_T

FIG. 9B

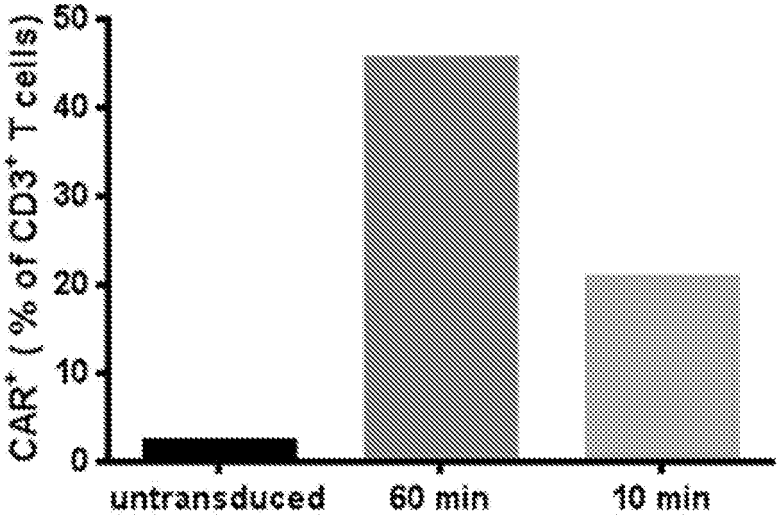


FIG. 10

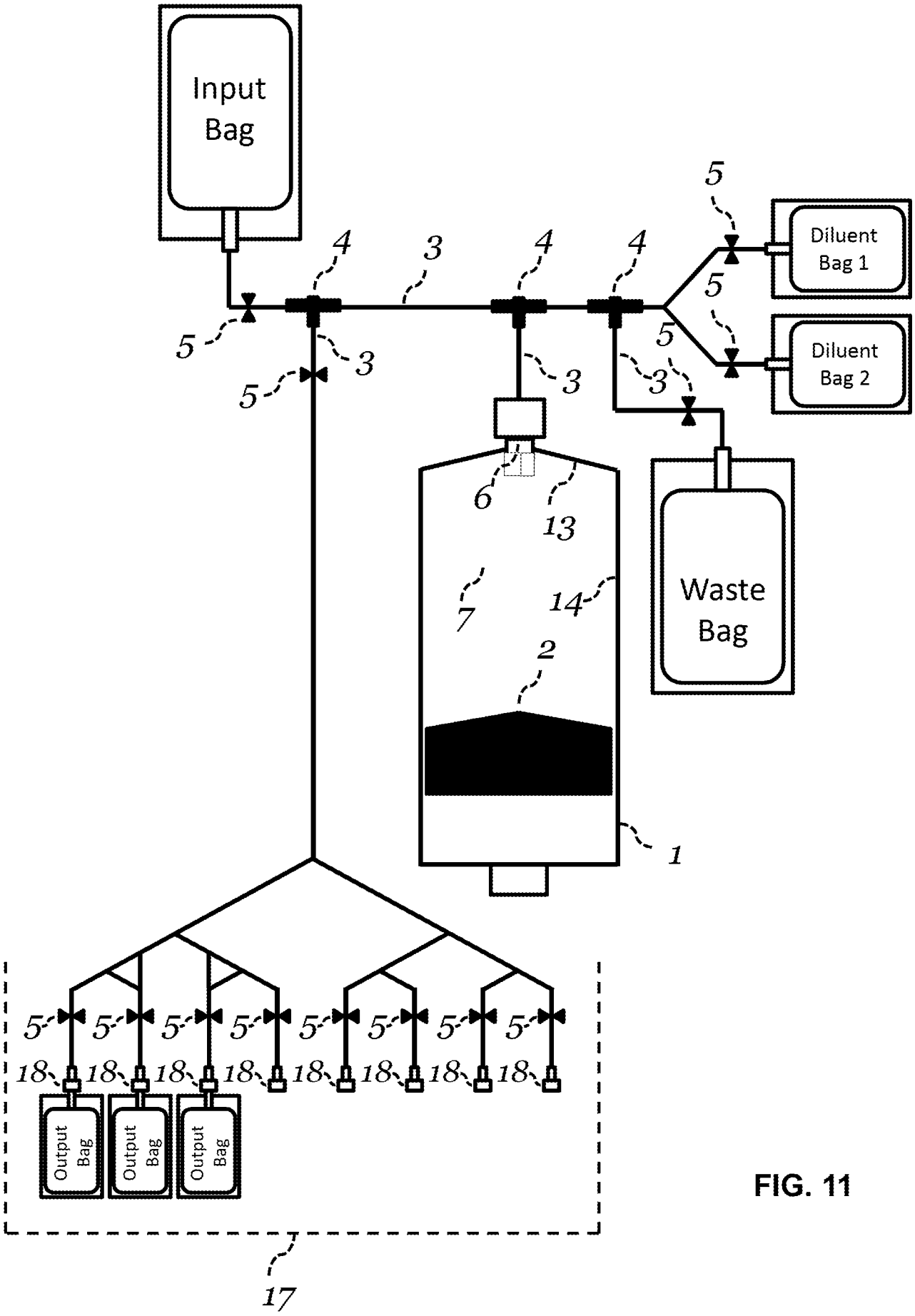

Input Bag
Diluent Bag 1
Diluent Bag 2
Waste Bag
Output Bag
Output Bag
Output Bag
1
2
3
4
5
6
7
13
14
17
18

FIG. 11