

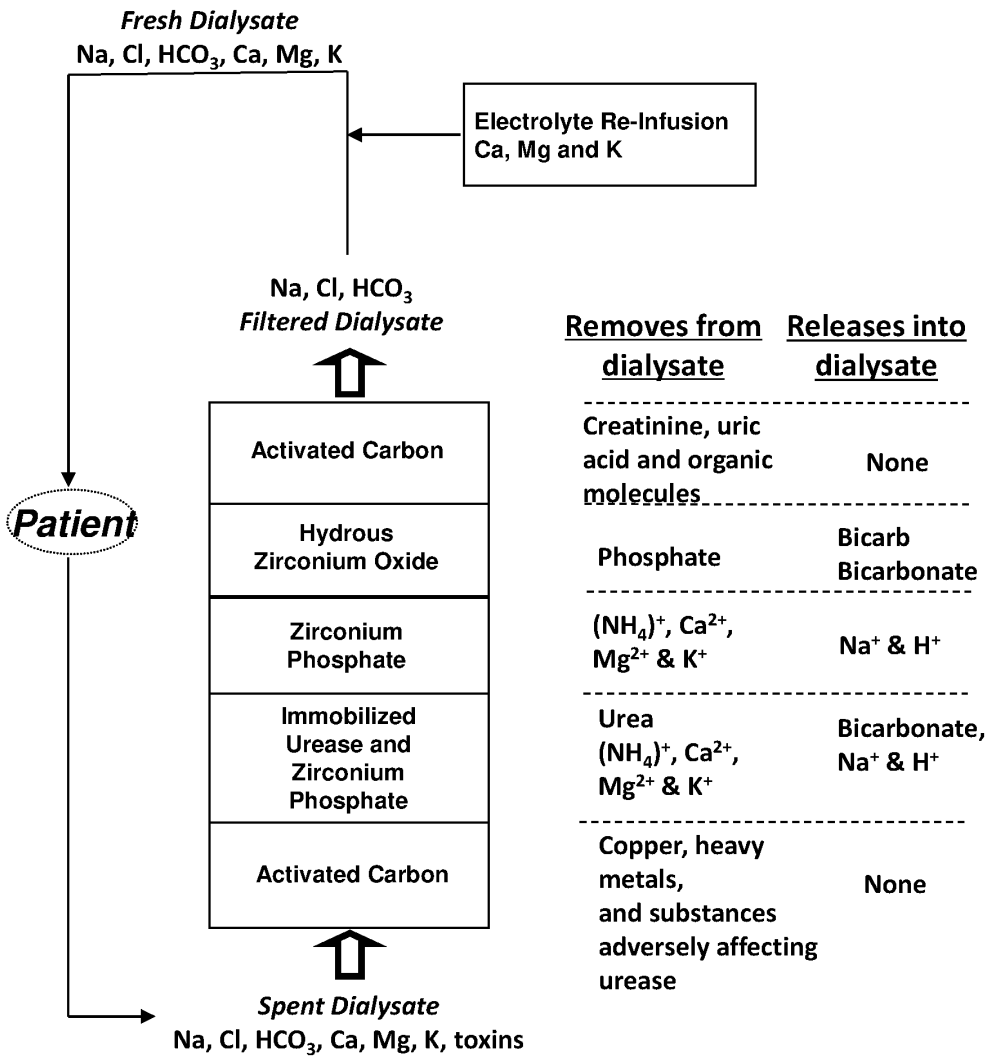


FIG. 1

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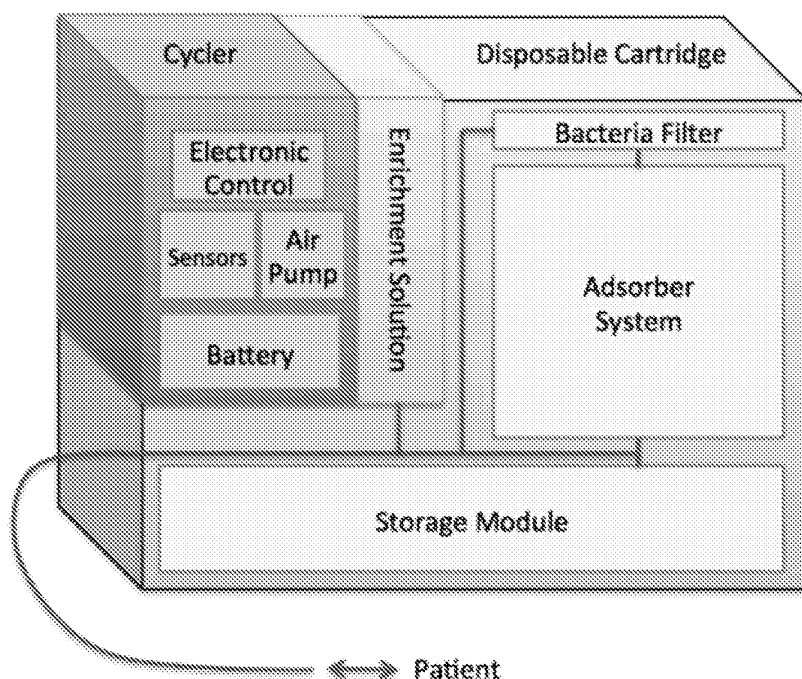


FIG. 2

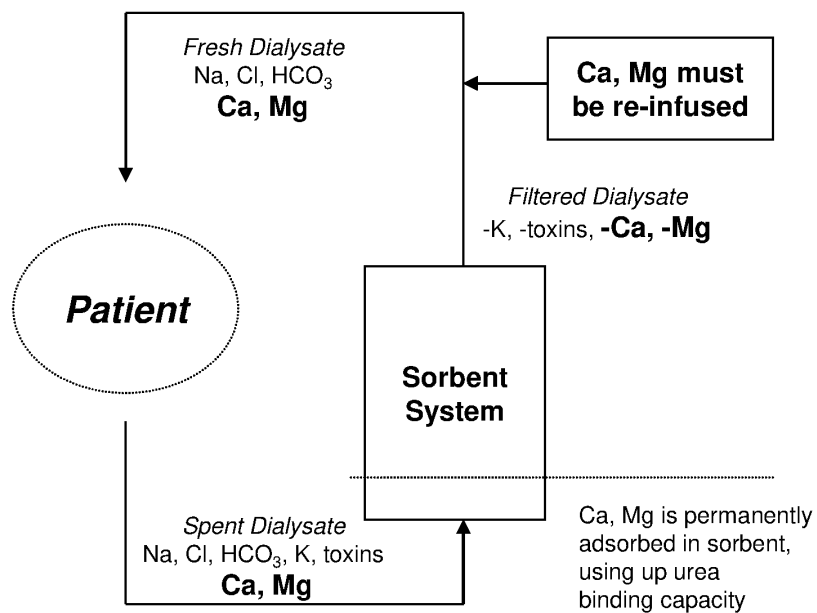


FIG. 3

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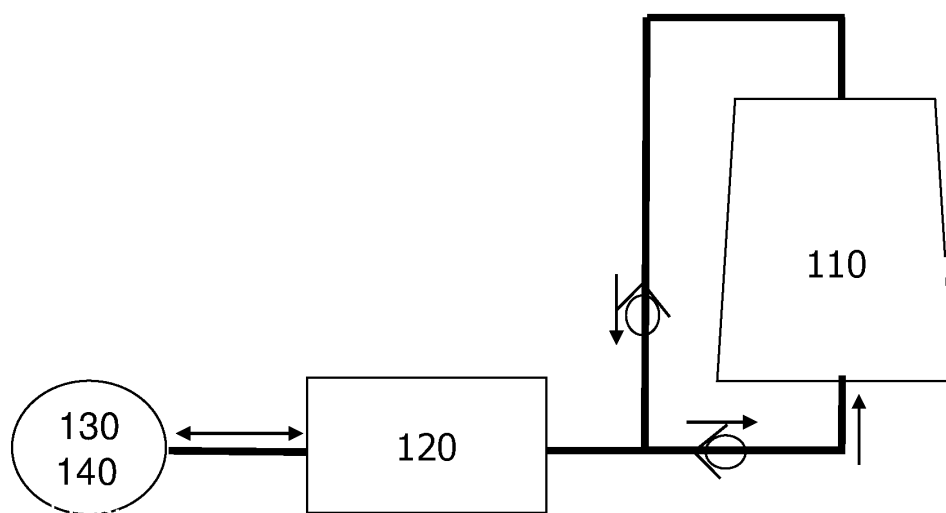


FIG. 4

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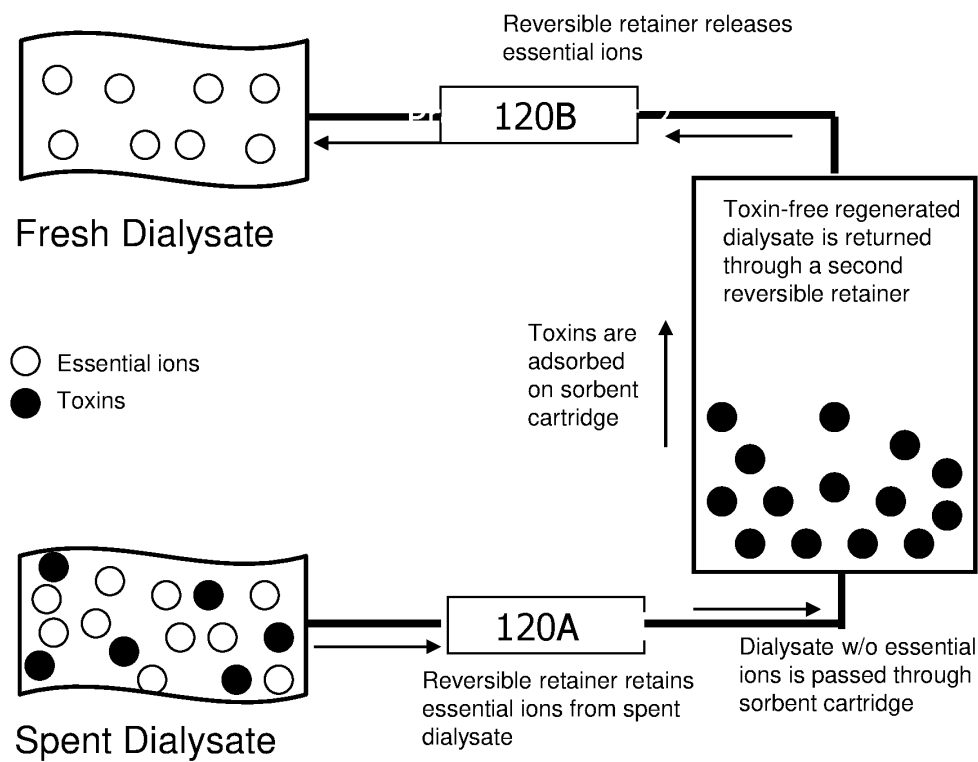


FIG. 5A

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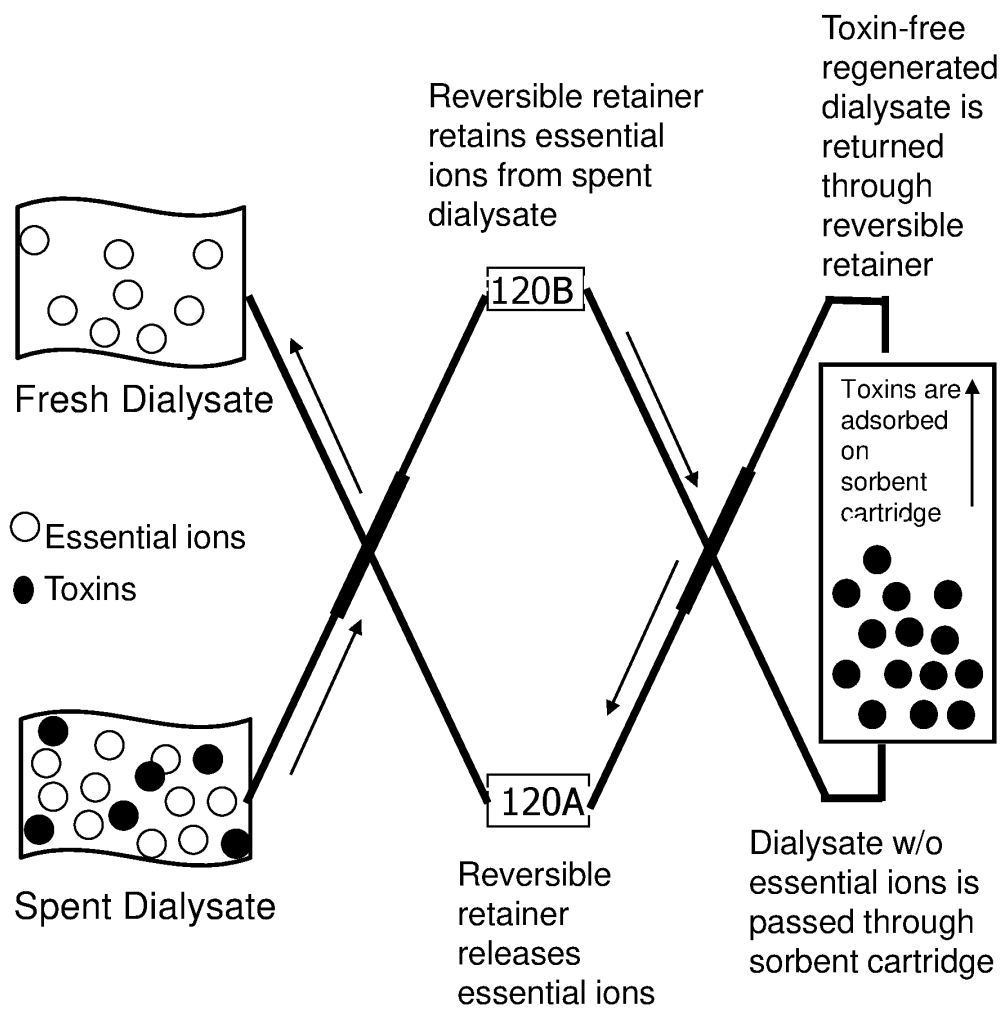


FIG. 5B

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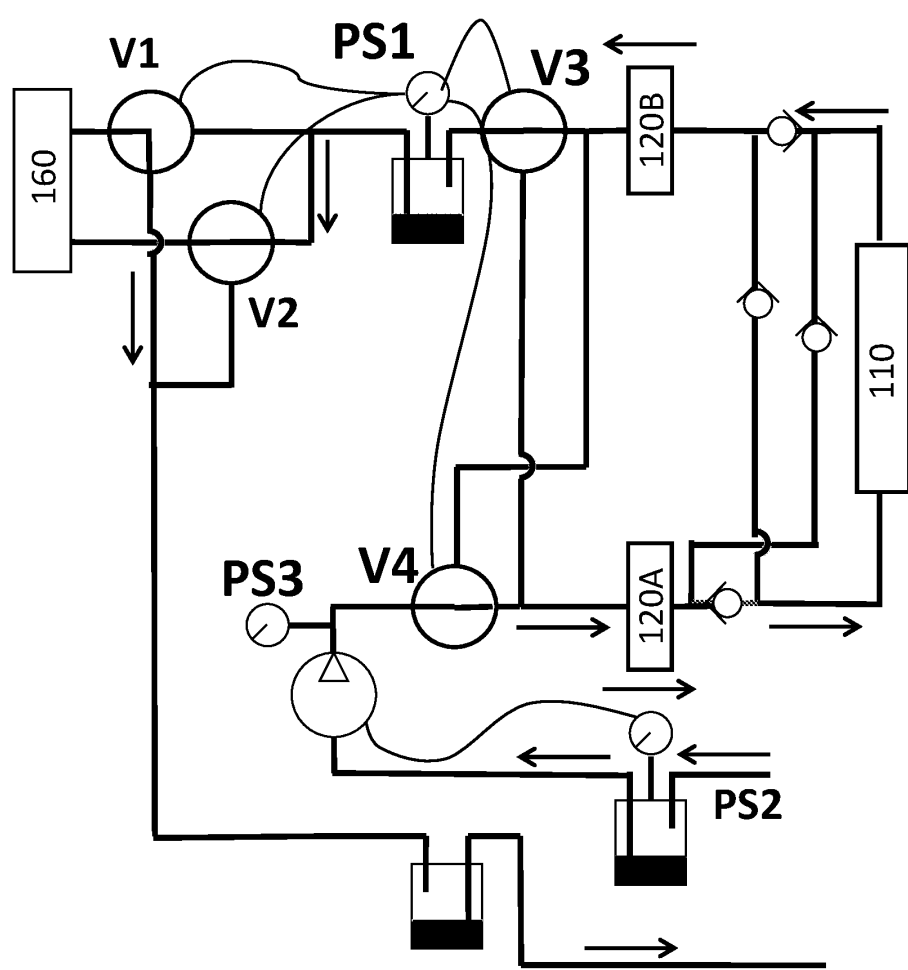


FIG. 6A

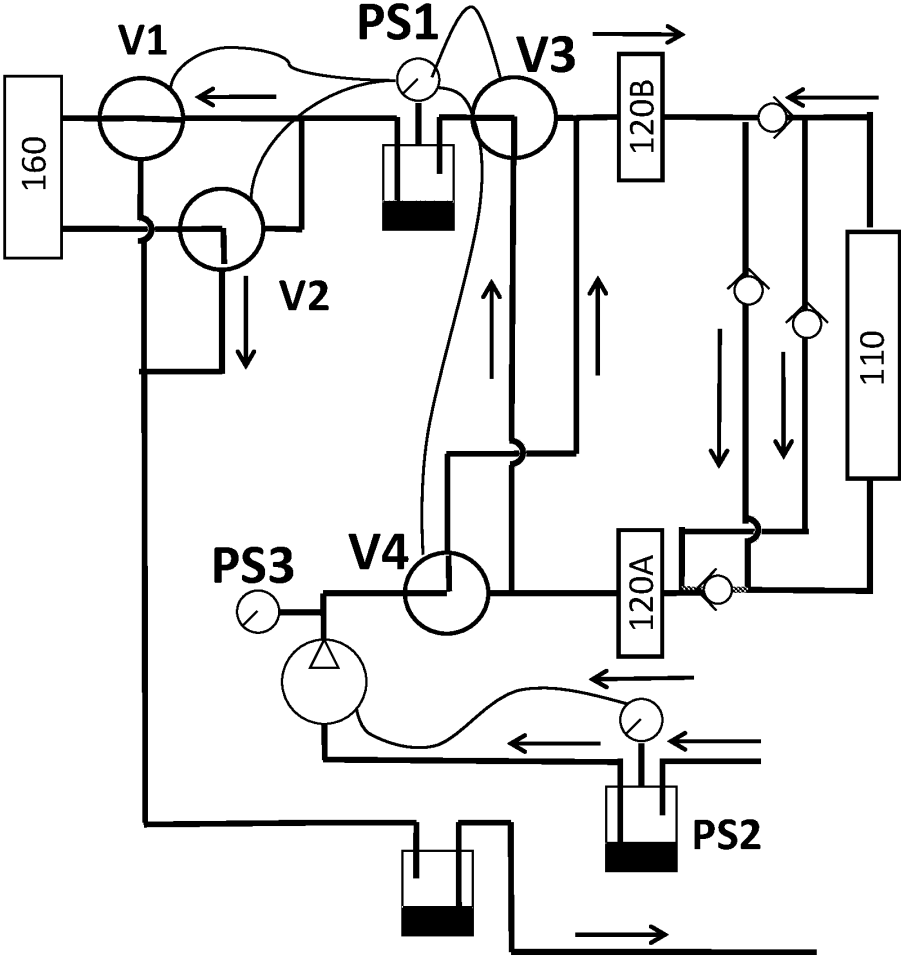


FIG. 6B

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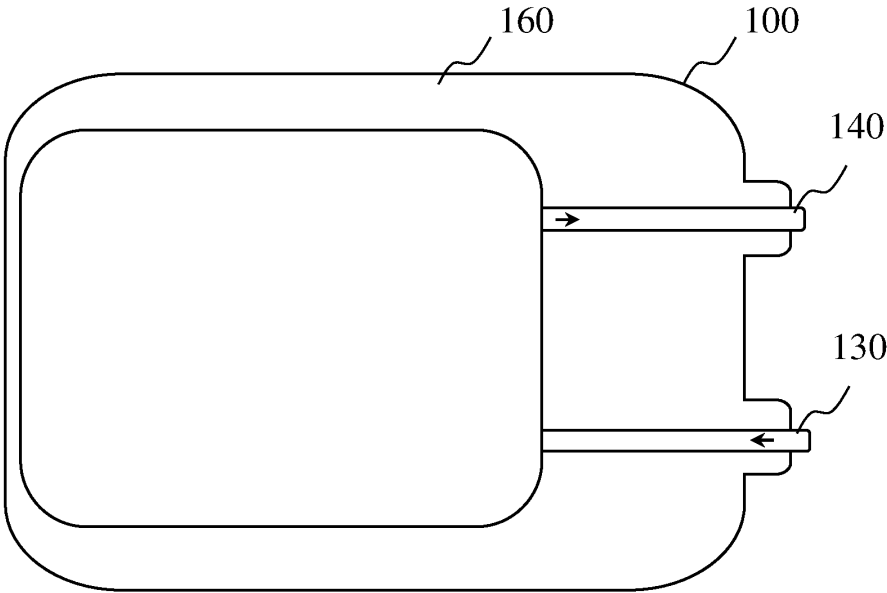


FIG. 6C

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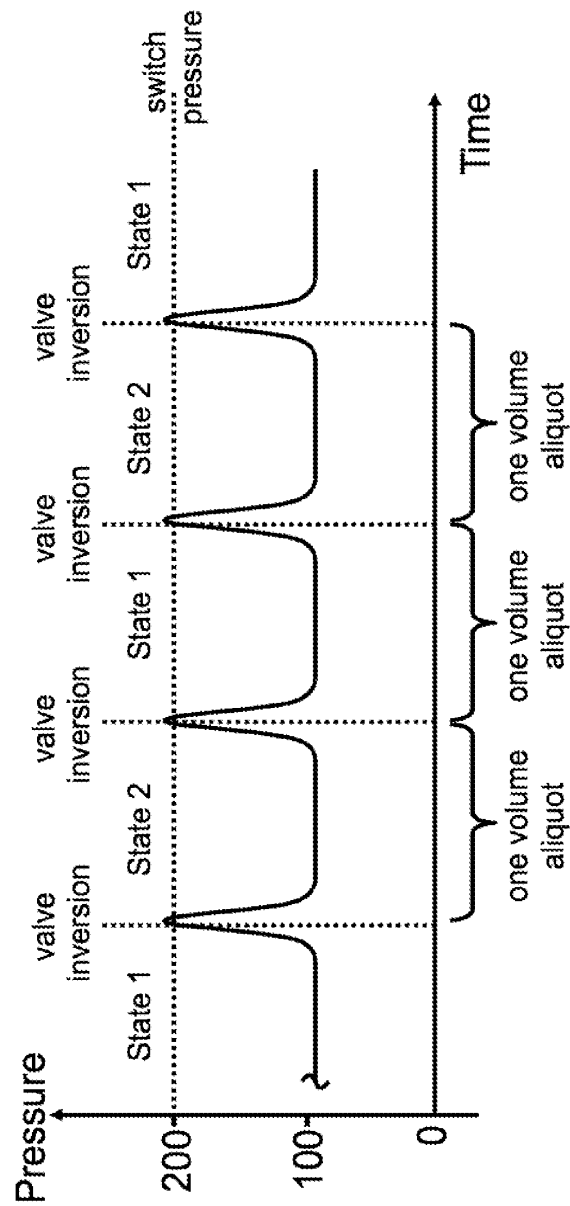


FIG. 7

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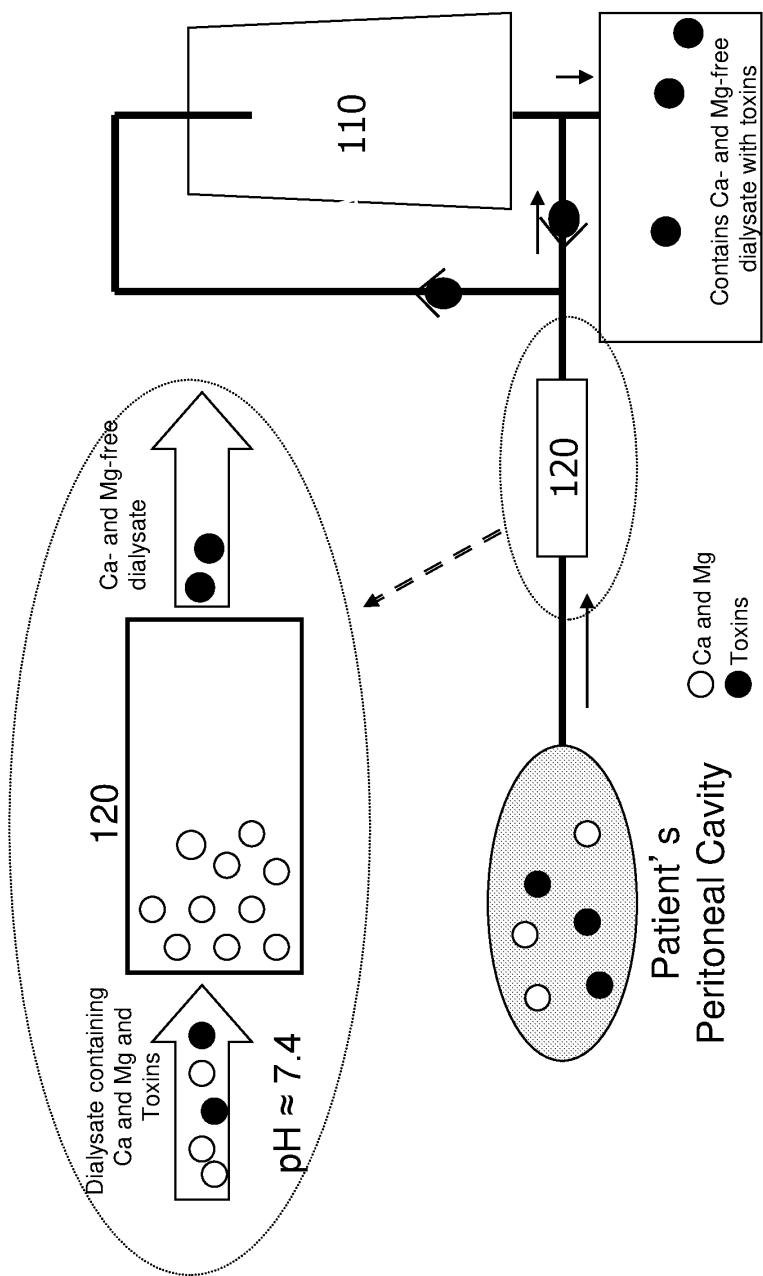


FIG. 8

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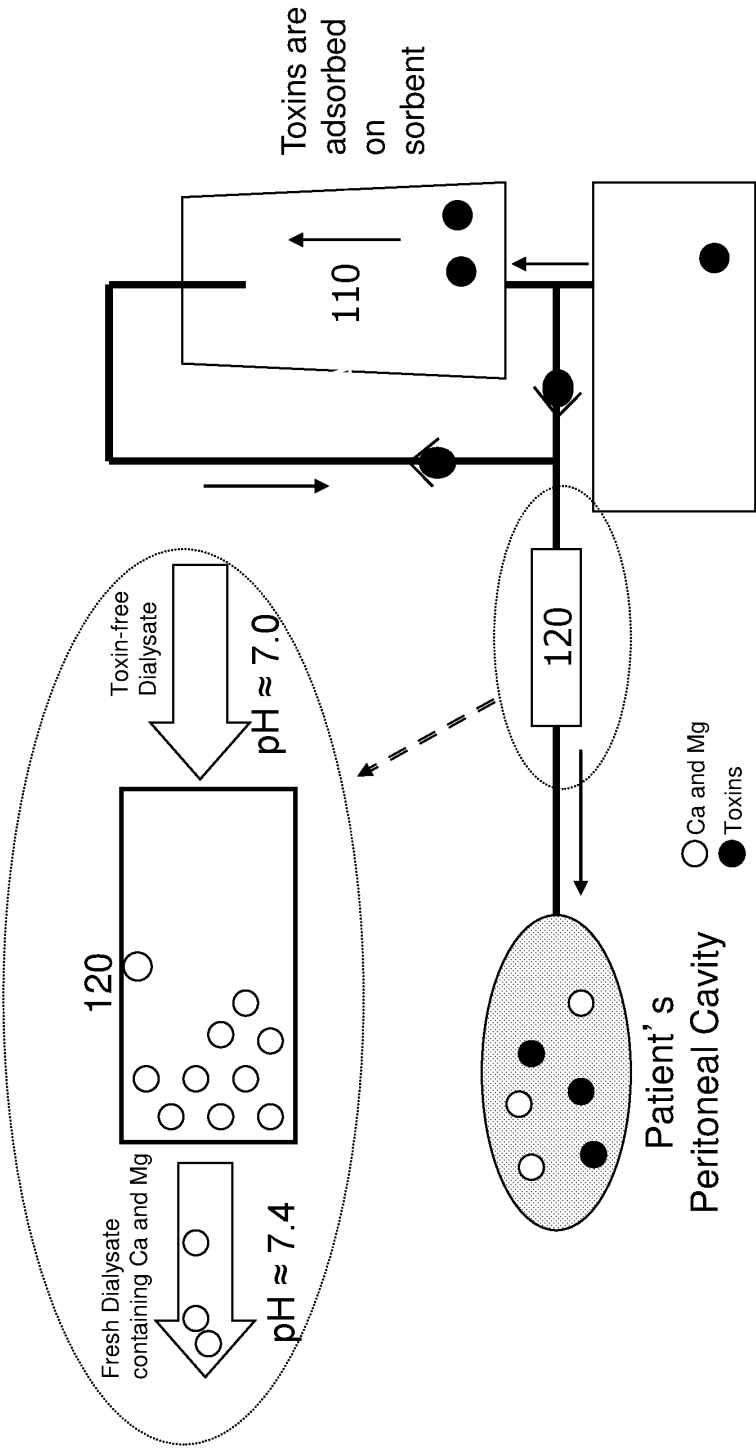


FIG. 9

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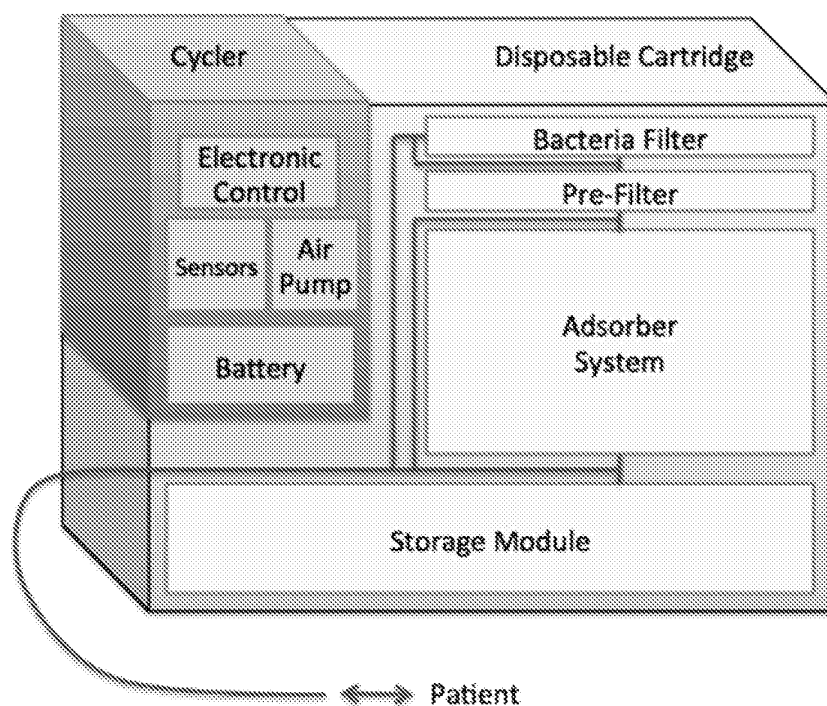


FIG. 10

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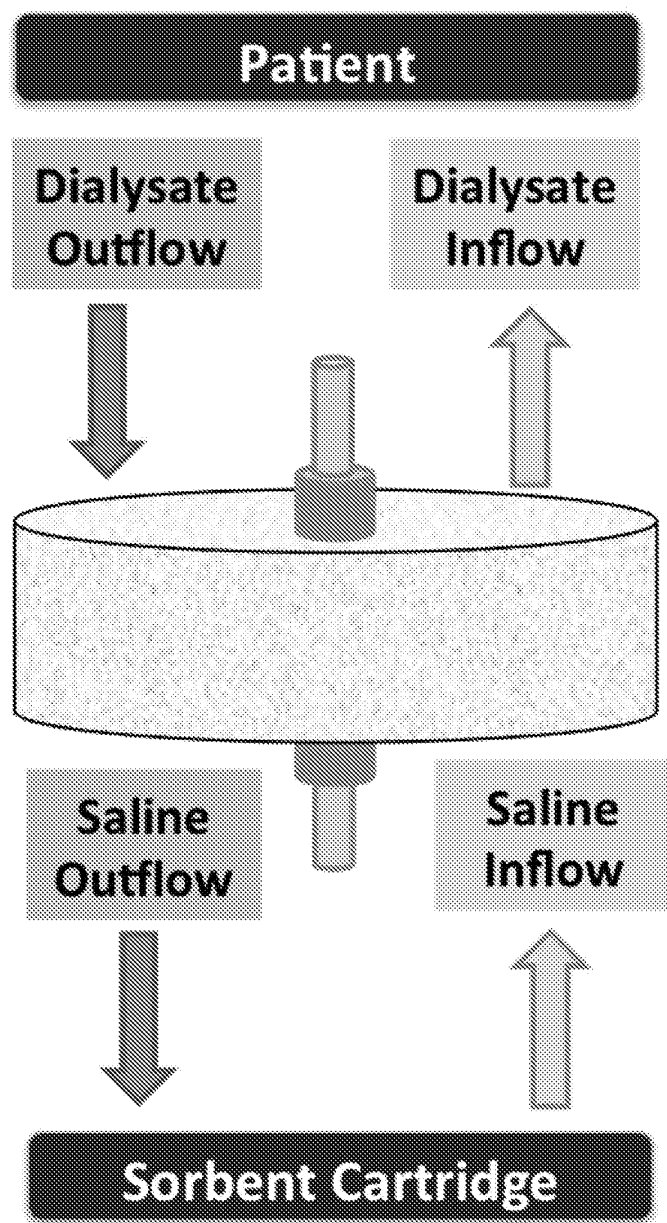


FIG. 11

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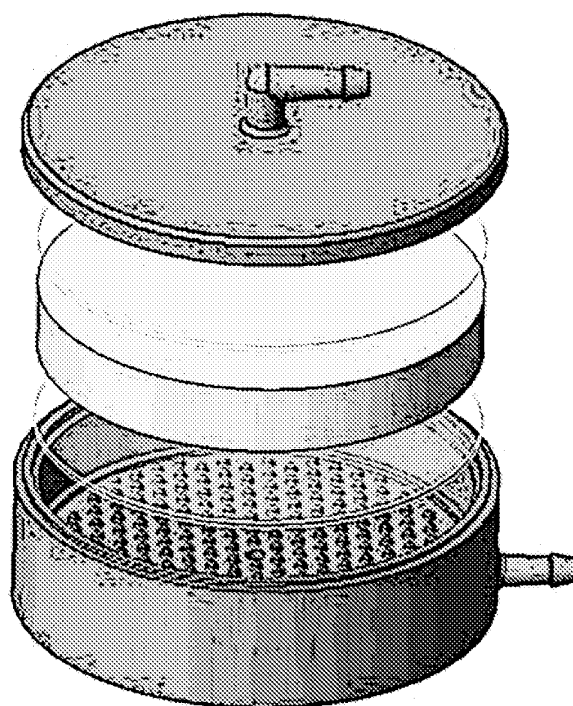


FIG. 12

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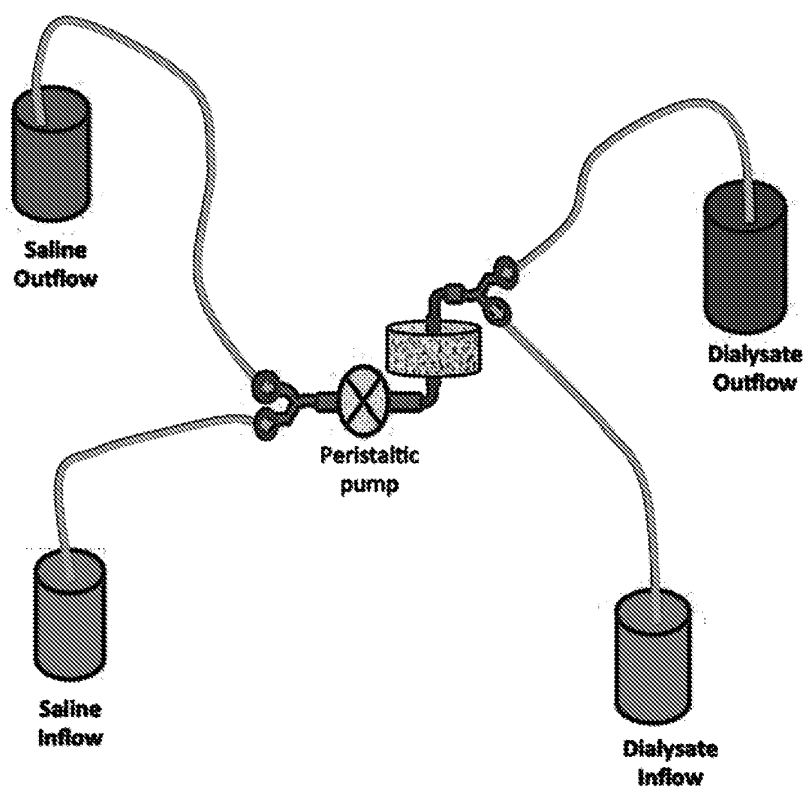


FIG. 13

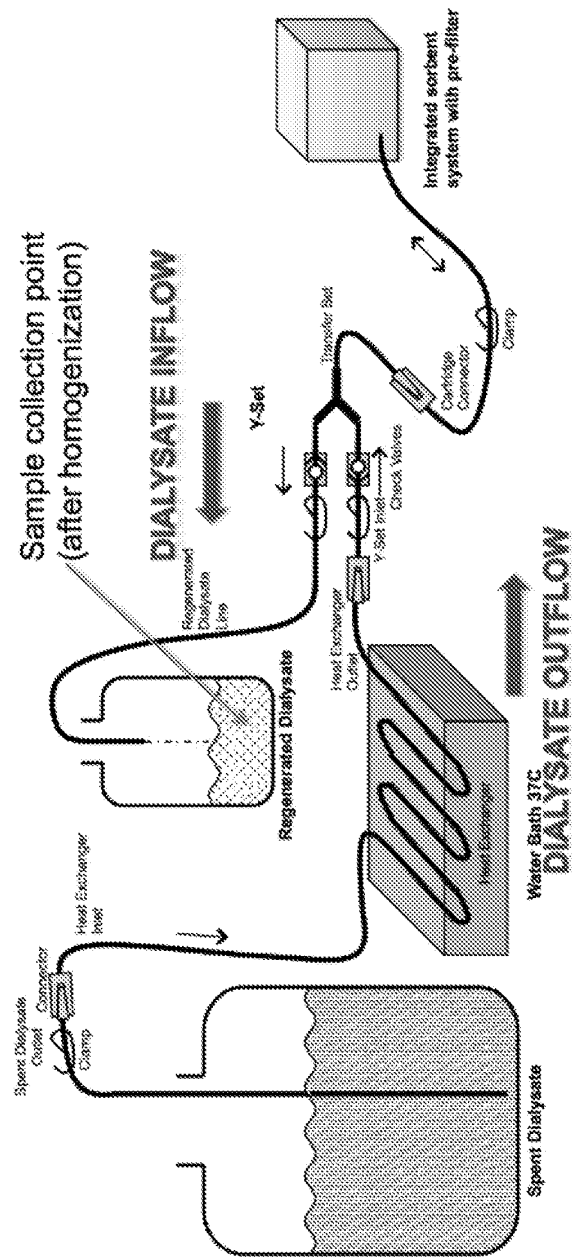


FIG. 14

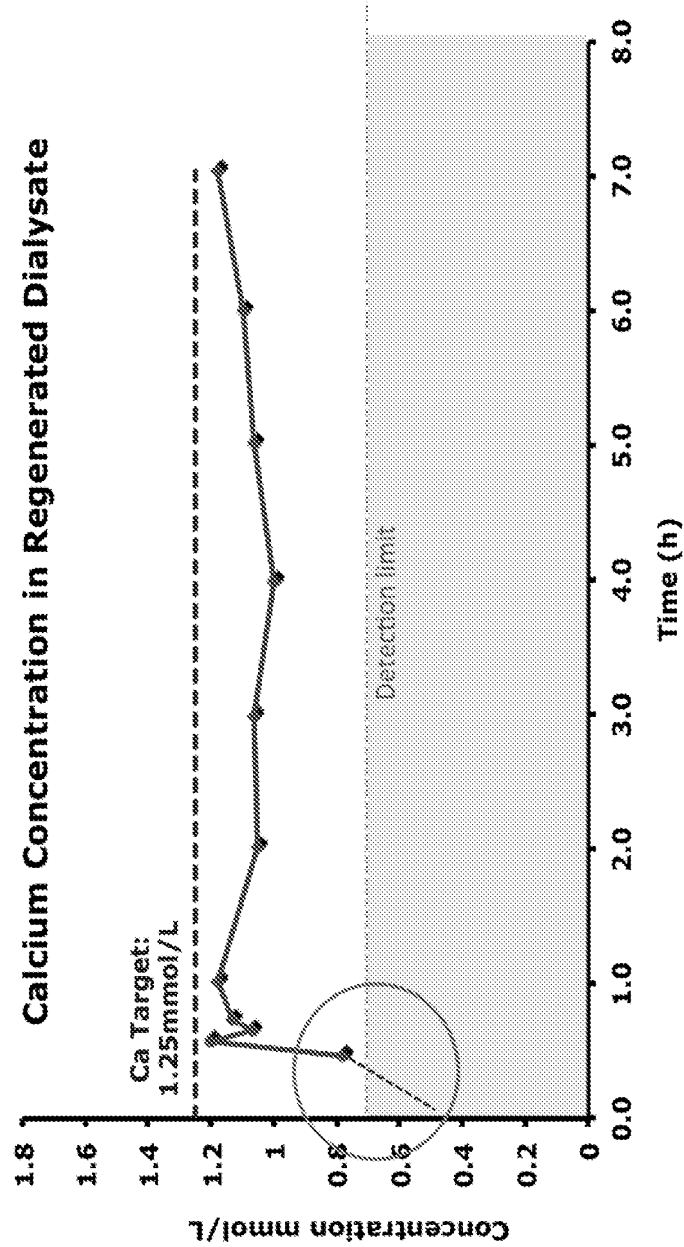


FIG. 15

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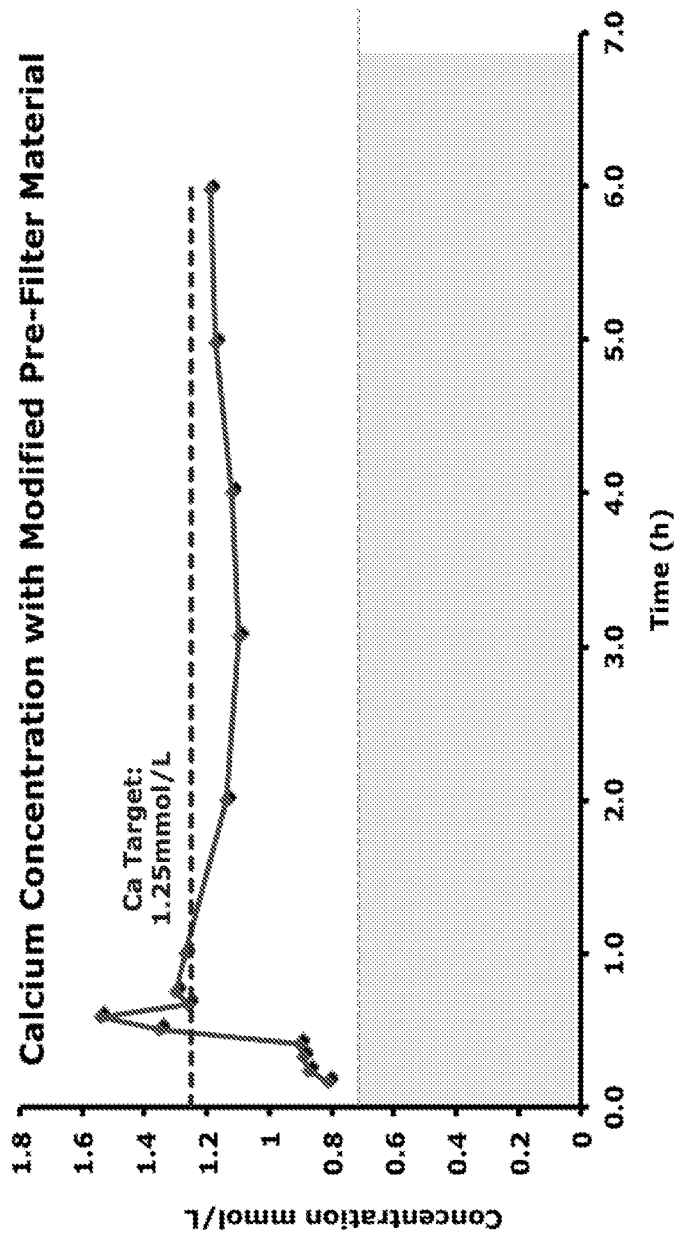


FIG. 16

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Type II, Normal Concentrations, 300mL

Set 1	Ca	Mg	K	Phos
D0	1.2802	0.2029	2.014	1.129
D1-D4	1.0340	0.1388	0.935	0.505
D5-D8	1.1310	0.1560	0.937	0.666
D9-D12	1.1270	0.1585	0.976	0.709
D13-D16	1.1500	0.1604	0.976	0.729
D17-D20	1.1420	0.1573	0.985	0.750
Recovery	87%	76%	-	-
Removal	-	-	52%	41%

Type II, High Phosphate Concentration, 300mL

Set 5	Ca	Mg	K	Phos
D0	1.2504	0.3150	2.0425	2.368
D1-D4	0.9932	0.2040	1.053	1.235
D5-D8	1.1140	0.2520	1.1887	1.500
D9-D12	1.1208	0.2570	1.043	1.525
D13-D16	1.2004	0.2930	0.971	1.547
D17-D20	1.1464	0.2690	1.04975	1.567
Recovery	89%	81%	-	-
Removal	-	-	48%	38%

FIG. 17

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Type II, High Potassium Concentration, 300mL

Set 2	Ca	Mg	K	Phos
D0	1.3420	0.3870	3.870	1.098
D1-D4	1.1600	0.2900	1.386	0.516
D5-D8	1.1088	0.2710	1.264	0.508
D9-D12	1.2148	0.3250	1.621	0.593
D13-D16	1.1392	0.2750	1.406	0.548
D17-D20	1.0060	0.2070	1.469	0.586
Recovery	84%	71%	-	-
Removal	-	-	63%	50%

Type II, Low Calcium Concentration, 300mL

Set 6	Ca	Mg	K	Phos
D0	0.6512	0.2800	1.9593	0.908
D1-D4	0.7280	0.2570	1.063	0.704
D5-D8	0.6650	0.2410	1.074	0.648
D9-D12	0.7472	0.3270	0.962	0.652
D13-D16	0.7216	0.2870	0.6268	0.485
D17-D20	0.6844	0.2730	0.9528	0.631
Recovery	109%	99%	-	-
Removal	-	-	52%	31%

FIG. 17 (cont.)

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**Type II, Very High Potassium
Concentration, 300mL**

Set 3	Ca	Mg	K	Phos
D0	1.2848	0.3280	5.748	1.176
D1-D4	1.2732	0.3220	2.383	0.790
D5-D8	1.2372	0.2950	2.469	0.853
D9-D12	1.2604	0.3200	2.590	0.889
D13-D16	1.2776	0.3330	2.298	0.869
D17-D20	1.2272	0.2930	2.279	0.851
Recovery	98%	95%	-	-
Removal	-	-	58%	28%

**Type II, Very High Potassium
Concentration, 300mL**

Set 7	Ca	Mg	K	Phos
D0	1.7800	0.2690	2.035	1.113
D1-D4	1.0024	0.0890	0.899	0.541
D5-D8	1.5852	0.2280	1.1015	0.763
D9-D12	1.5596	0.2120	0.9538	0.750
D13-D16	1.6500	0.2220	1.143	0.815
D17-D20	1.5916	0.2060	0.9175	0.765
Recovery	83%	71%	-	-
Removal	-	-	51%	35%

FIG. 18

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**Type II, Low Phosphate
Concentration, 300mL**

Set 4	Ca	Mg	K	Phos	
D0	1.2580	0.3090	1.9656	0.494	
D1-D4	1.0732	0.2650	0.8663	0.278	
D5-D8	1.1340	0.2540	1.042	0.333	
D9-D12	1.2280	0.2870	0.9895	0.355	
D13-D16	1.1900	0.2540	0.7835	0.344	
D17-D20	0.9900	0.1870	0.8538	0.324	
Recovery	89%	81%	-	-	
Removal	-	-	54%	34%	

**Type II, High Magnesium
Concentration, 300mL**

Set 8	Ca	Mg	K	Phos	
D0	1.3064	0.8600	2.090	1.144	
D1-D4	1.3644	0.6830	1.182	0.835	
D5-D8	1.2060	0.7190	1.189	0.843	
D9-D12	1.2312	0.7220	0.932	0.774	
D13-D16	1.2068	0.6540	0.832	0.732	
D17-D20	1.1720	0.6090	0.643	0.659	
Recovery	95%	79%	-	-	
Removal	-	-	54%	33%	

FIG. 18 (cont.)

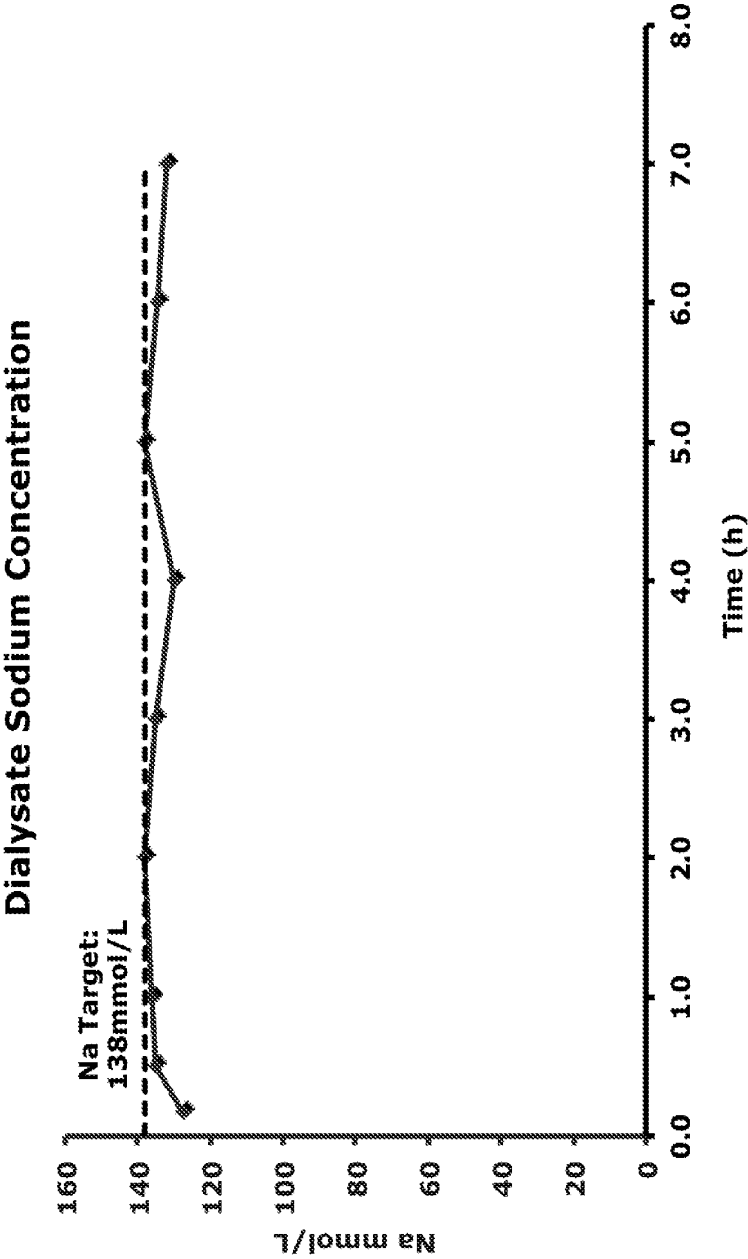


FIG. 19A

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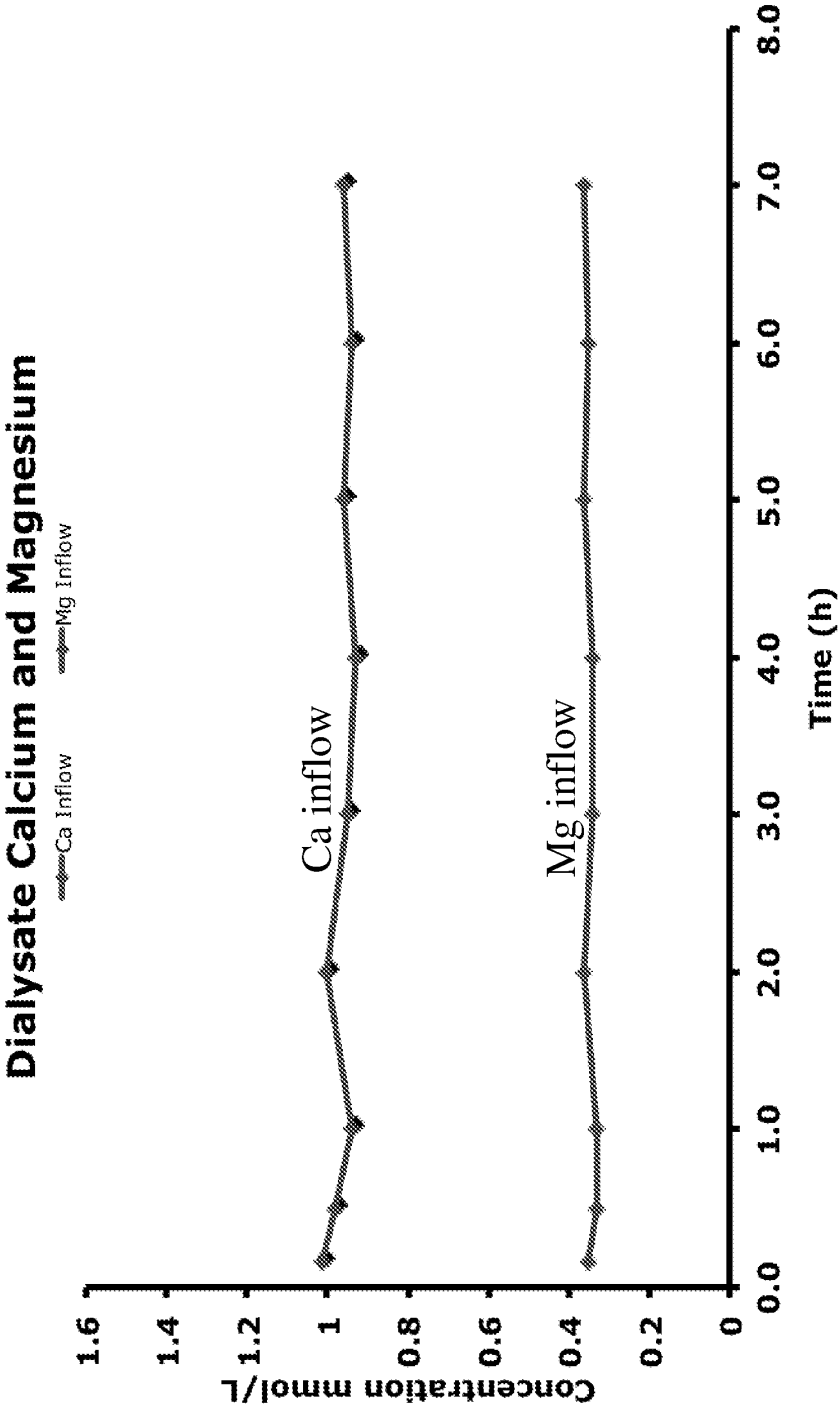


FIG. 19B

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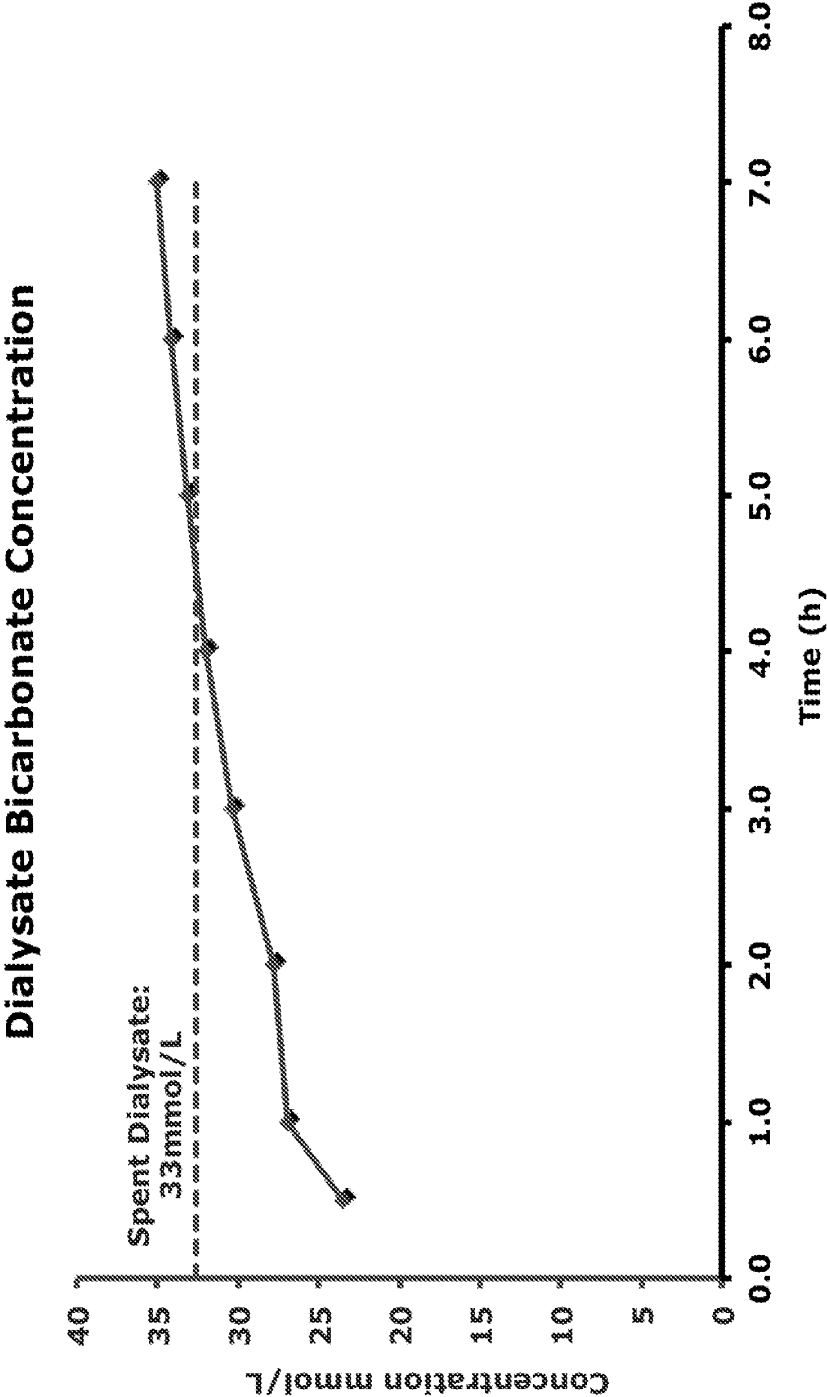


FIG. 19C

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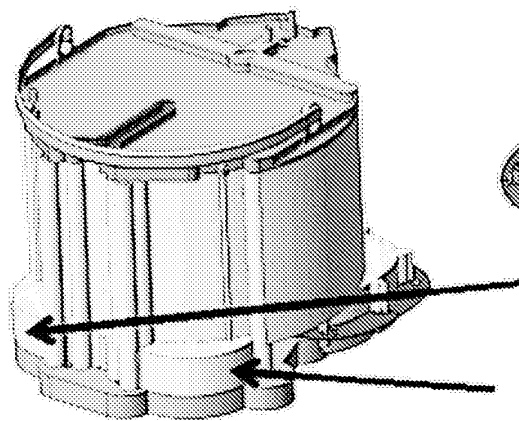


FIG. 20

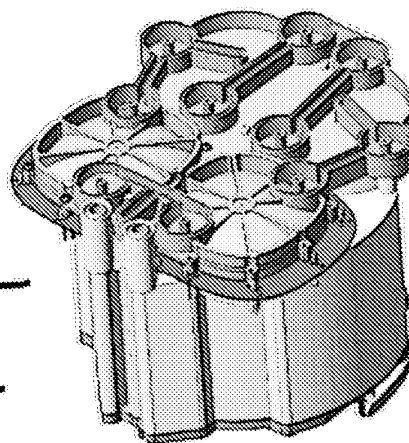


FIG. 21

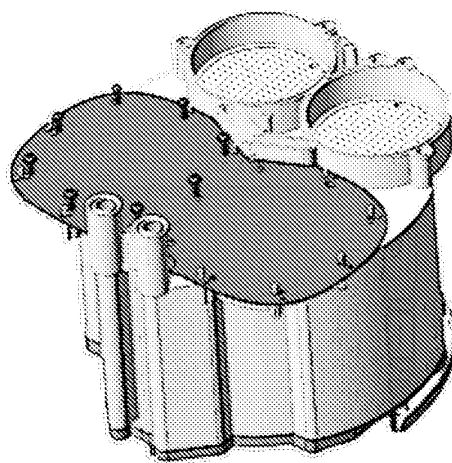


FIG. 22

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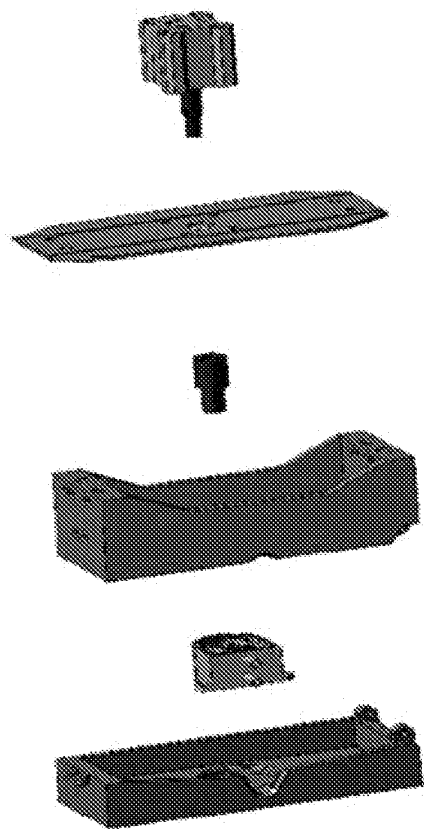


FIG. 23

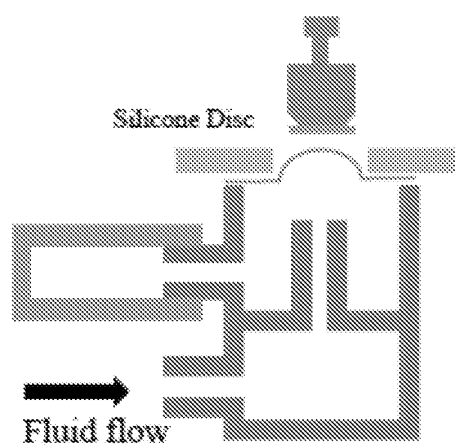


FIG. 24