

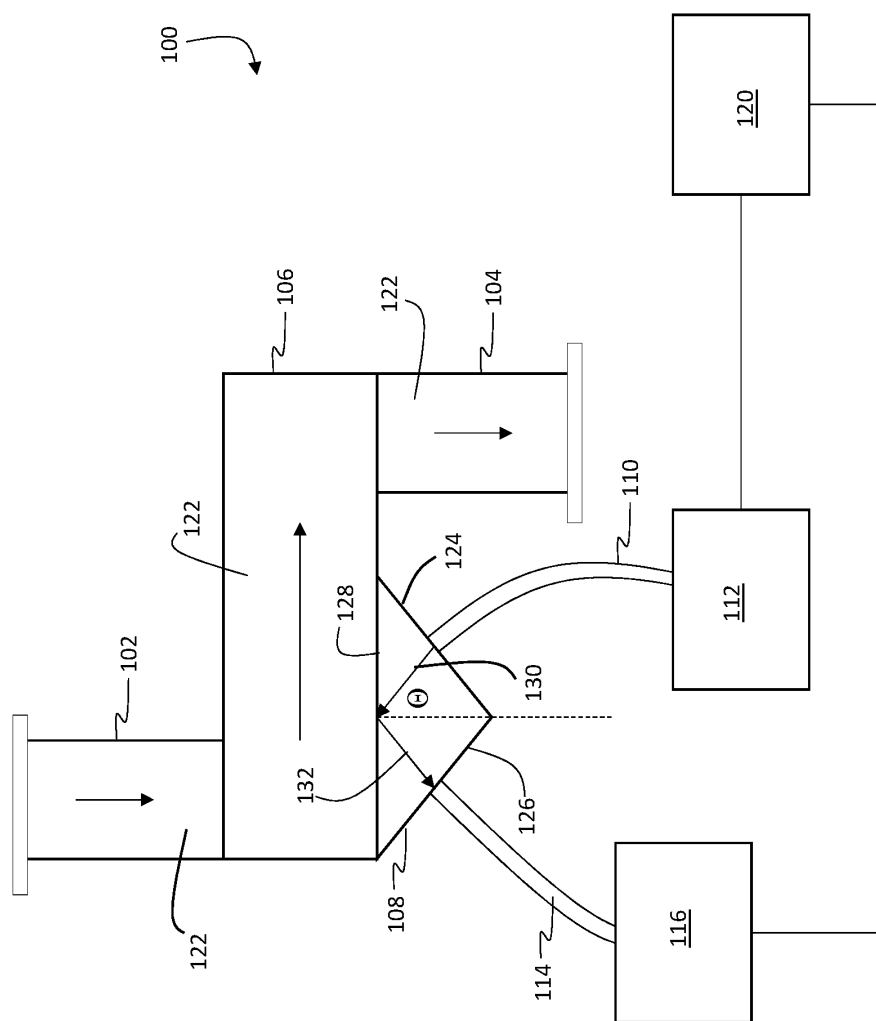


FIG. 1

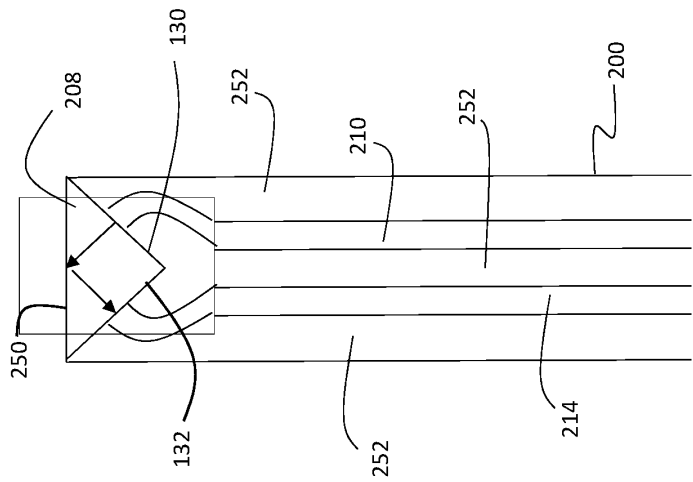


FIG. 2

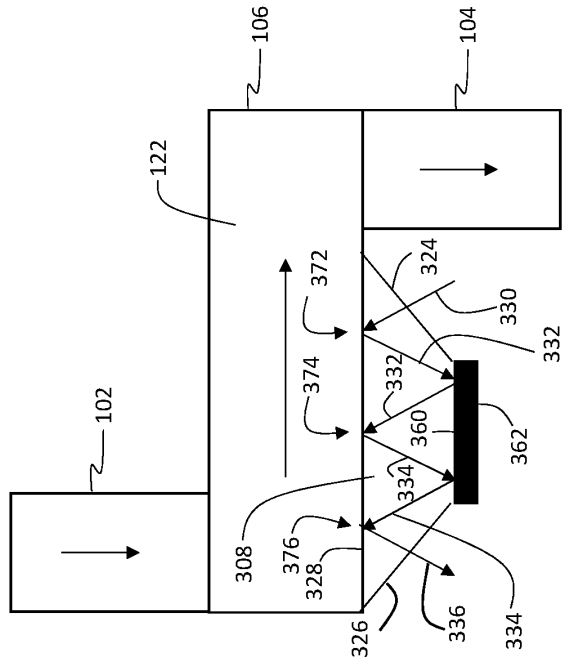


FIG. 3

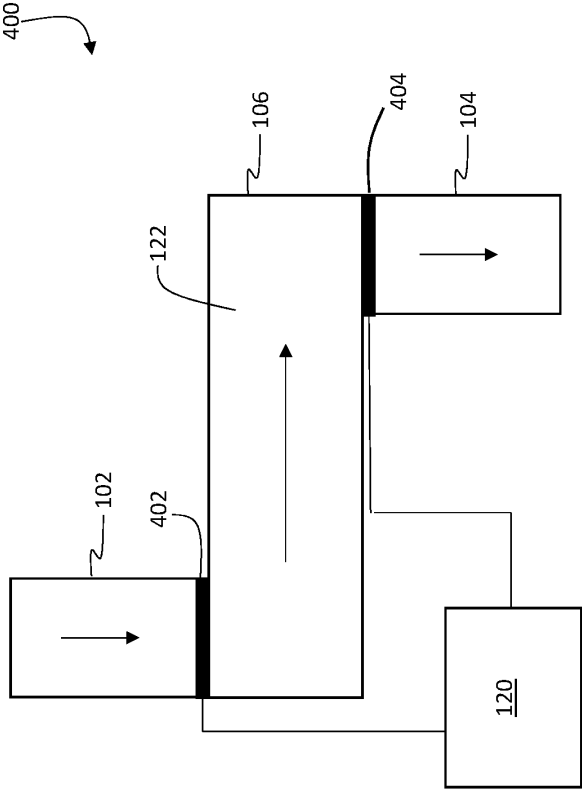


FIG. 4

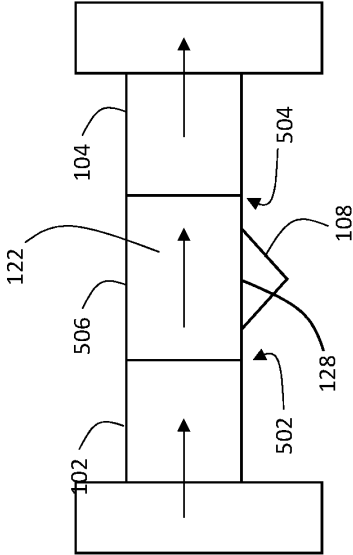
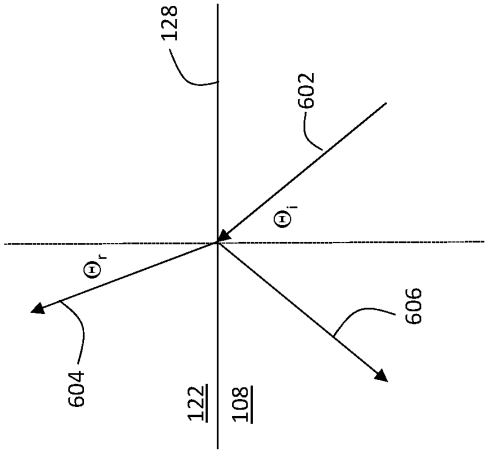
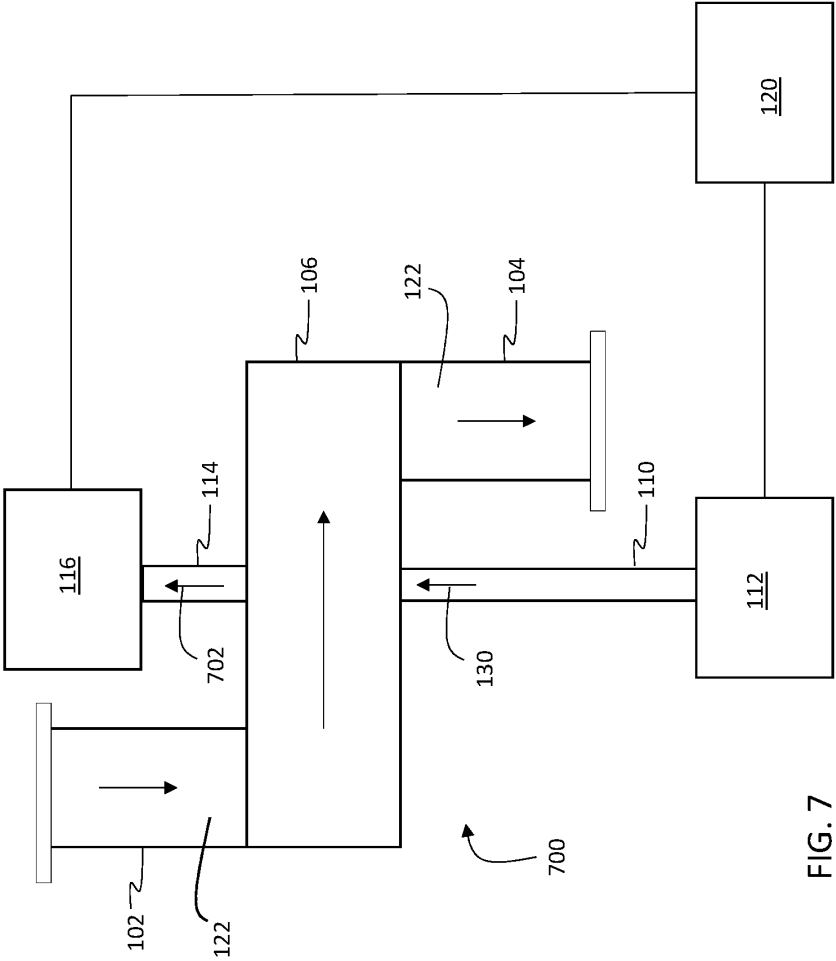


FIG. 5



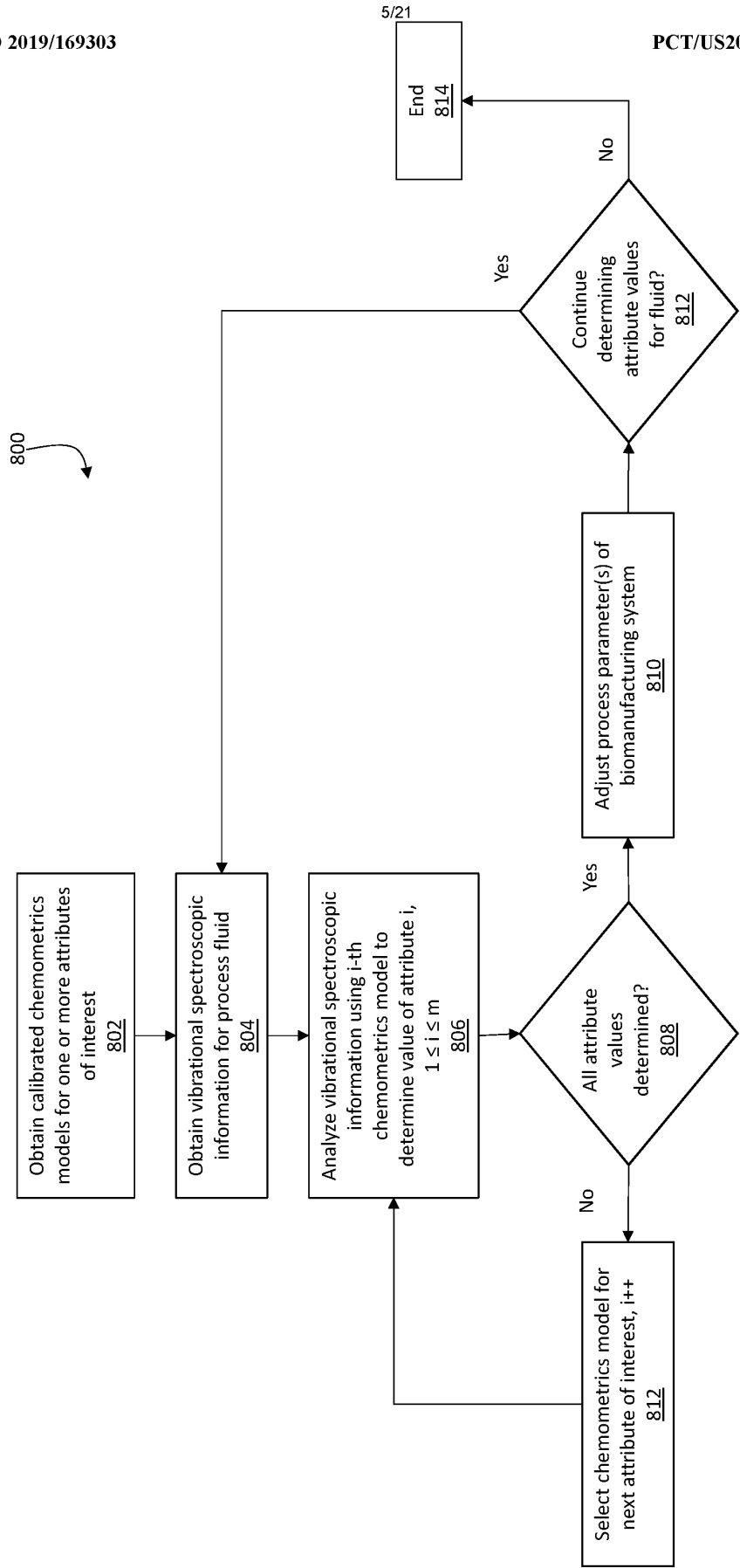


FIG. 8

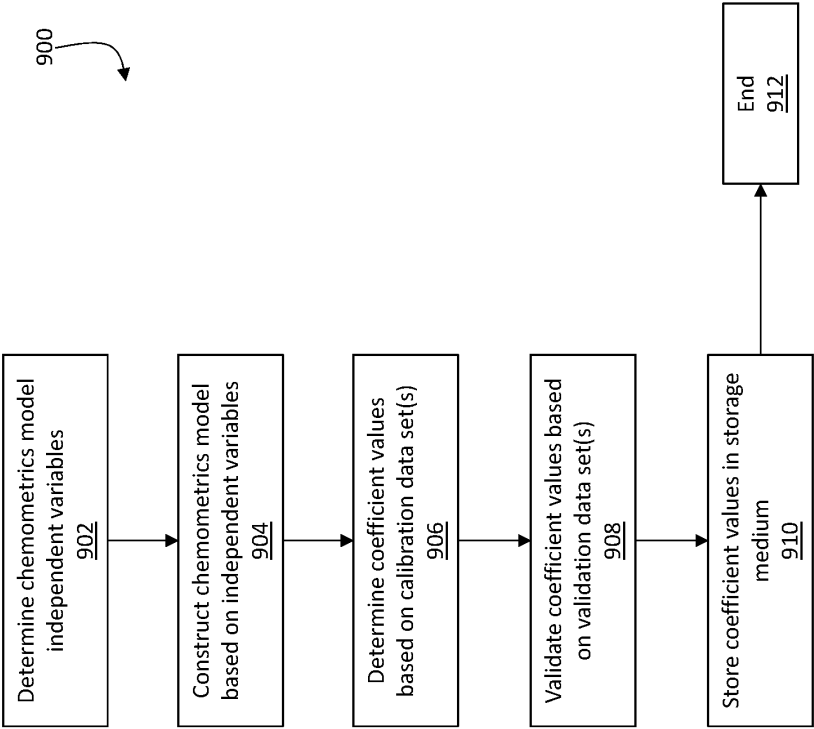


FIG. 9

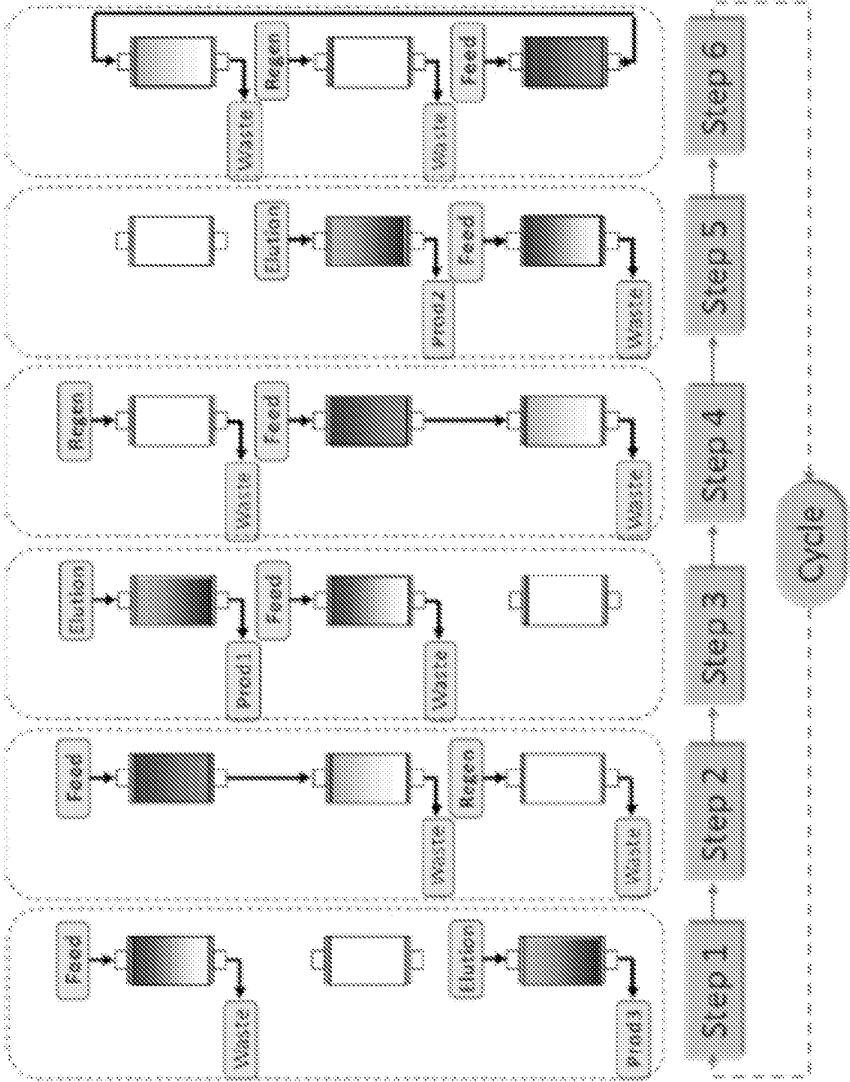
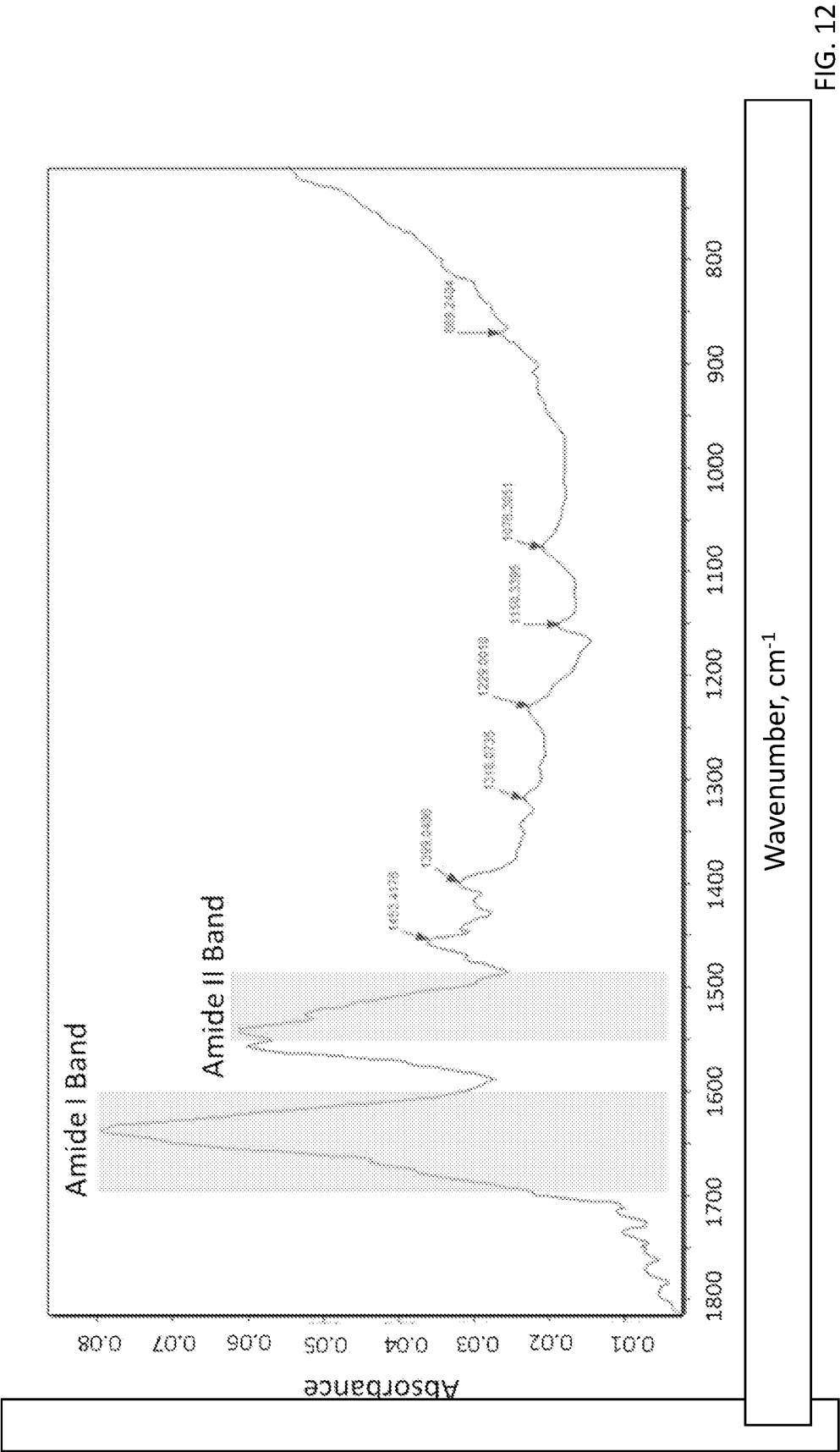


FIG. 11



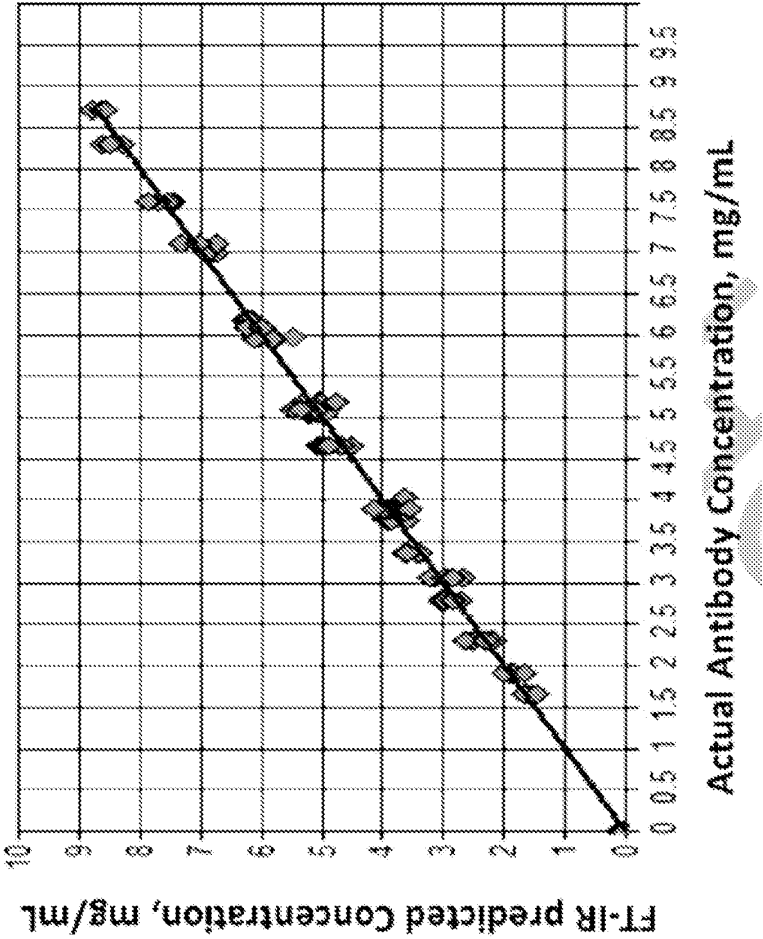


FIG. 13

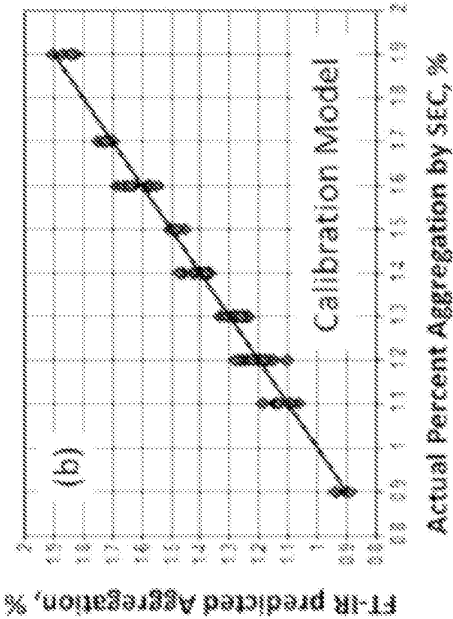


FIG. 14B

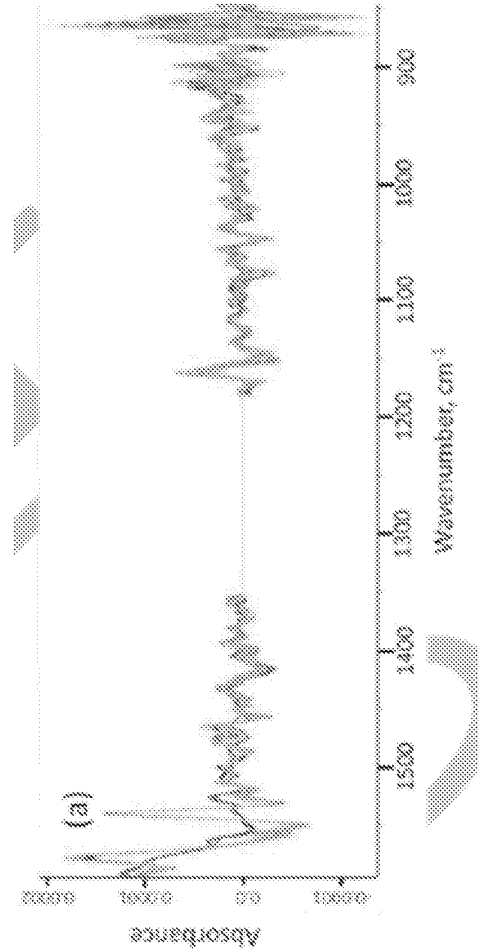


FIG. 14A

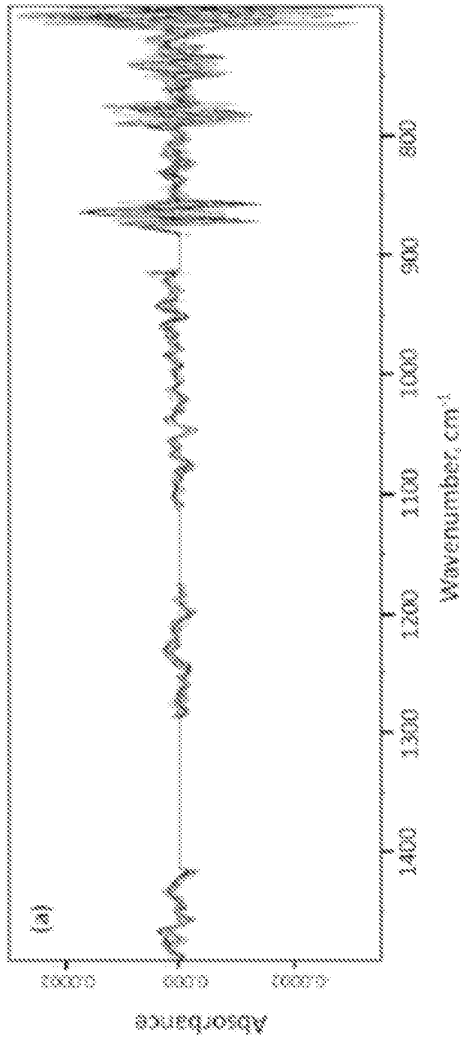


FIG. 15A

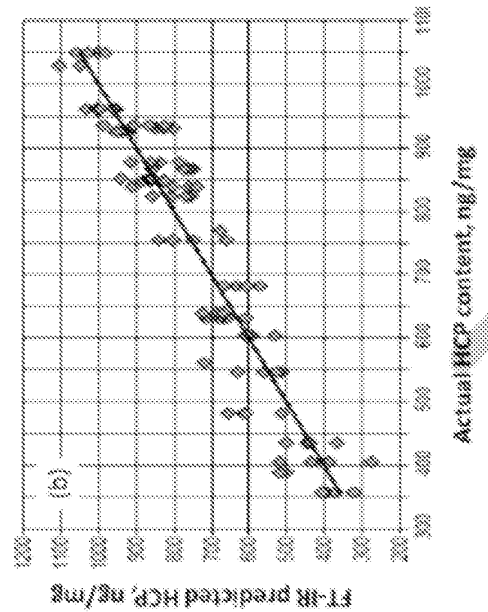


FIG. 15B

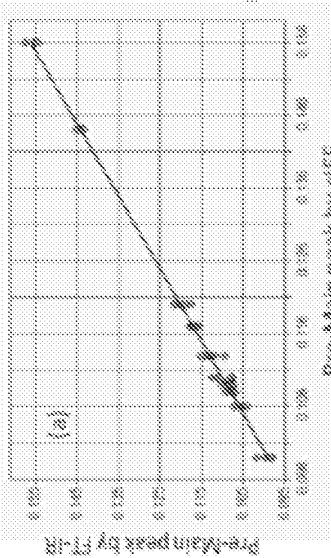


FIG. 16A

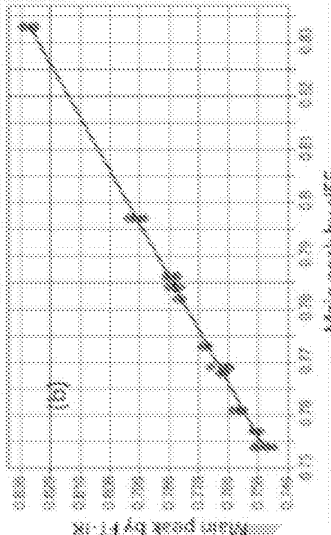


FIG. 16B

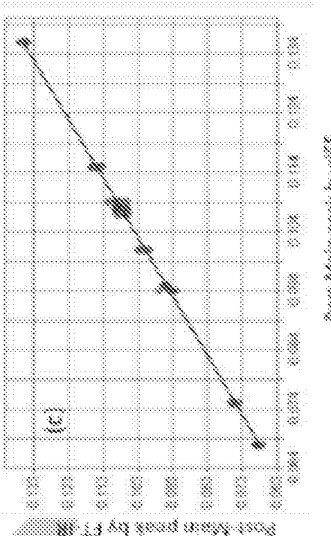


FIG. 16C

Sample	Concentration, mg/mL		Aggregation, %		Charge Variants								HCP, ng/mg	
	HPLC	FT-IR	SEC	FT-IR	Pre-Main		Main peak		Post-Main		cIEF	FT-IR	Abs	FT-IR
					cIEF	FT-IR	cIEF	FT-IR	cIEF	FT-IR				
U-1	7.10	7.04	1.20	1.26	0.14	0.14	0.76	0.76	0.09	0.10	0.10	0.10	727	878
U-2	5.96	5.73	1.40	1.38	0.11	0.11	0.78	0.78	0.10	0.11	0.10	0.11	647	683
U-3	5.04	5.10	1.30	1.27	0.12	0.11	0.78	0.79	0.11	0.10	0.10	0.10	948	934
U-4	5.10	5.25	1.10	1.11	0.11	0.11	0.79	0.78	0.11	0.11	0.11	0.11	811	839
U-5	5.94	5.87	1.30	1.27	0.10	0.10	0.88	0.83	0.07	0.07	0.07	0.07	367	322
U-6	6.08	6.03	1.20	1.21	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	890	878

FIG. 17

FIG. 18B

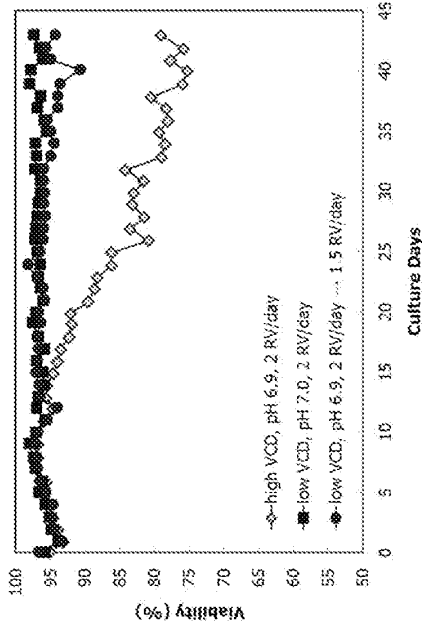


FIG. 18D

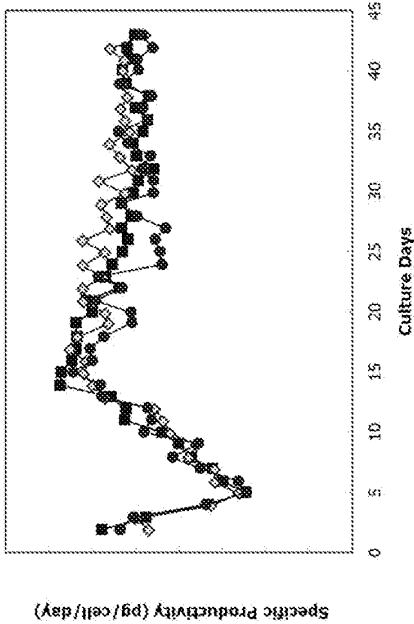


FIG. 18A

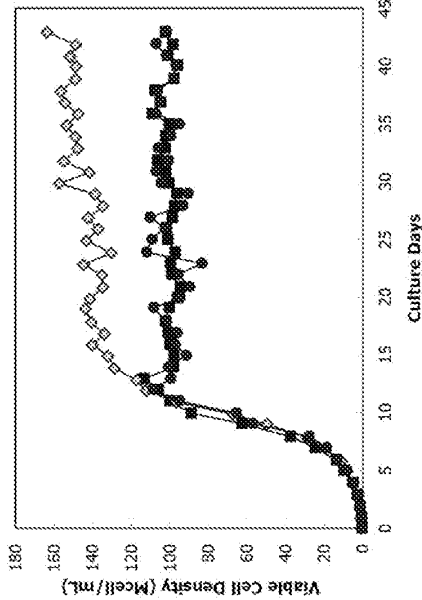


FIG. 18C

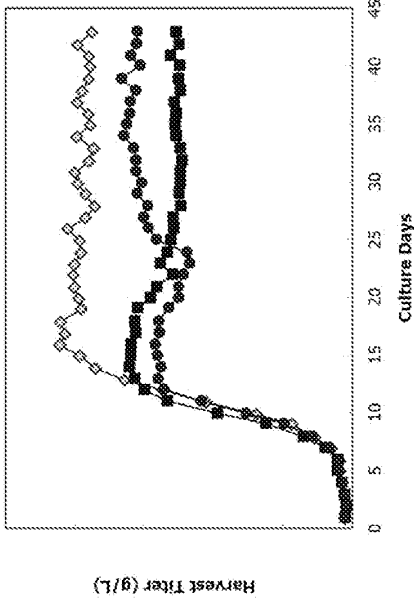


FIG. 19B

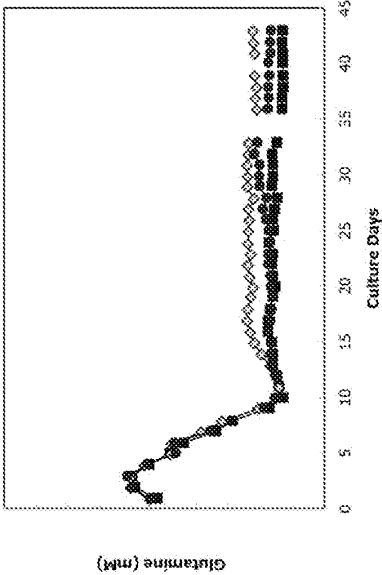


FIG. 19D

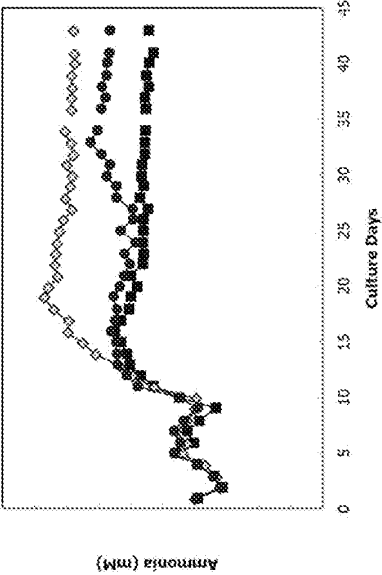


FIG. 19A

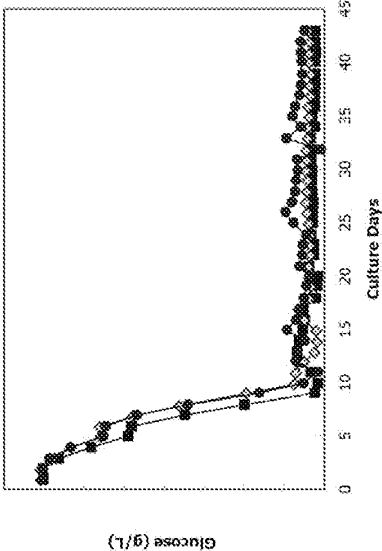


FIG. 19C

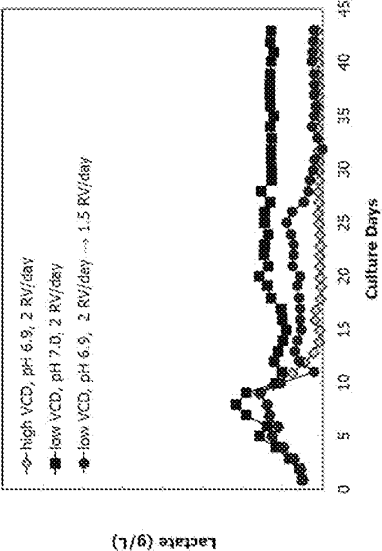


FIG. 20B

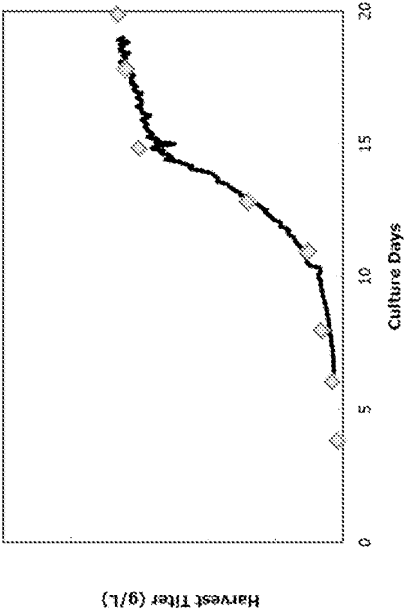


FIG. 20D

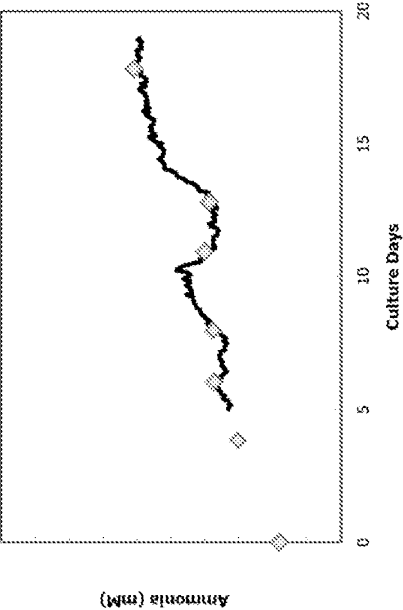


FIG. 20A

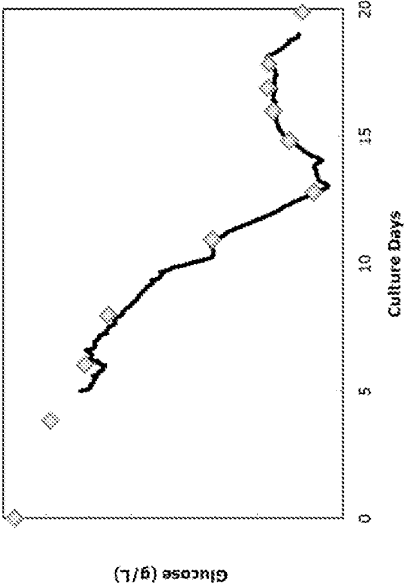
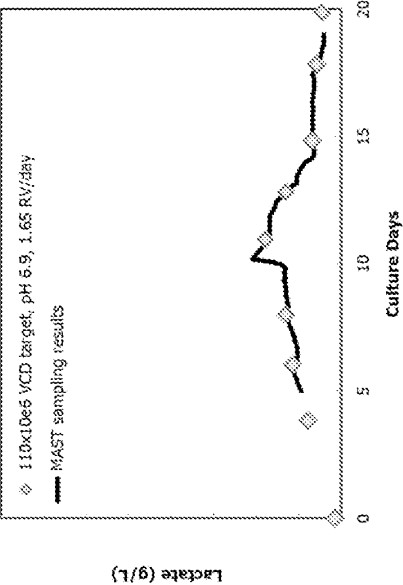


FIG. 20C



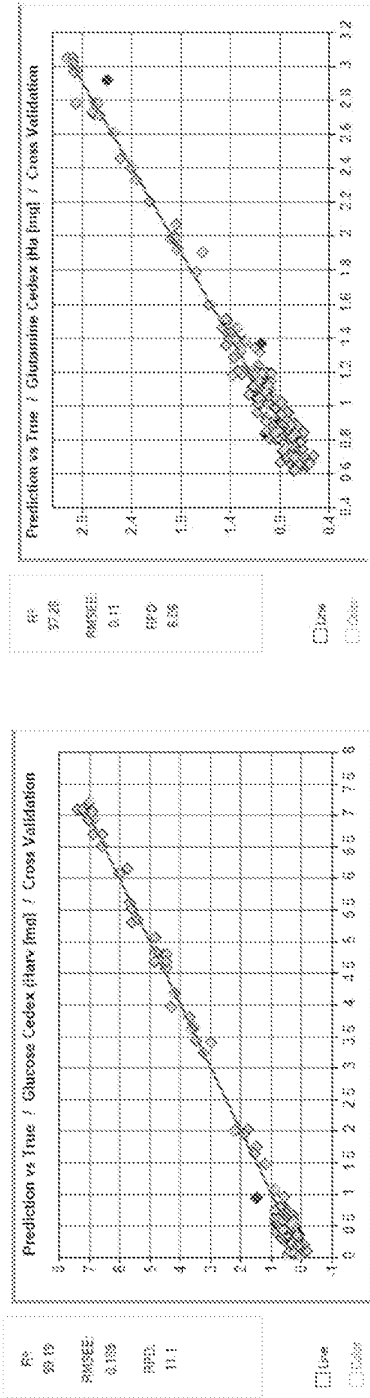


FIG. 21A

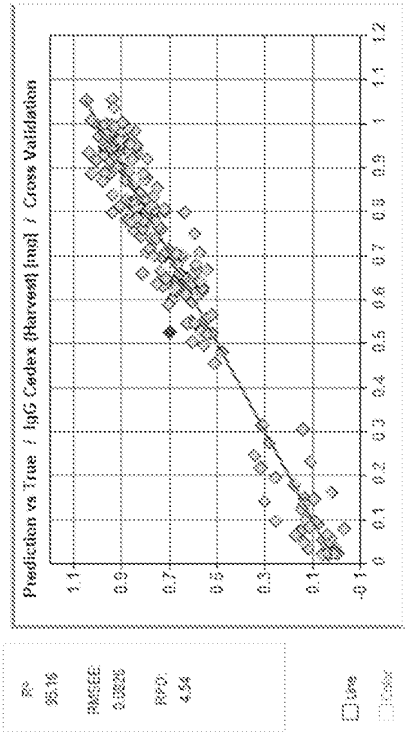


FIG. 21C

FIG. 21B

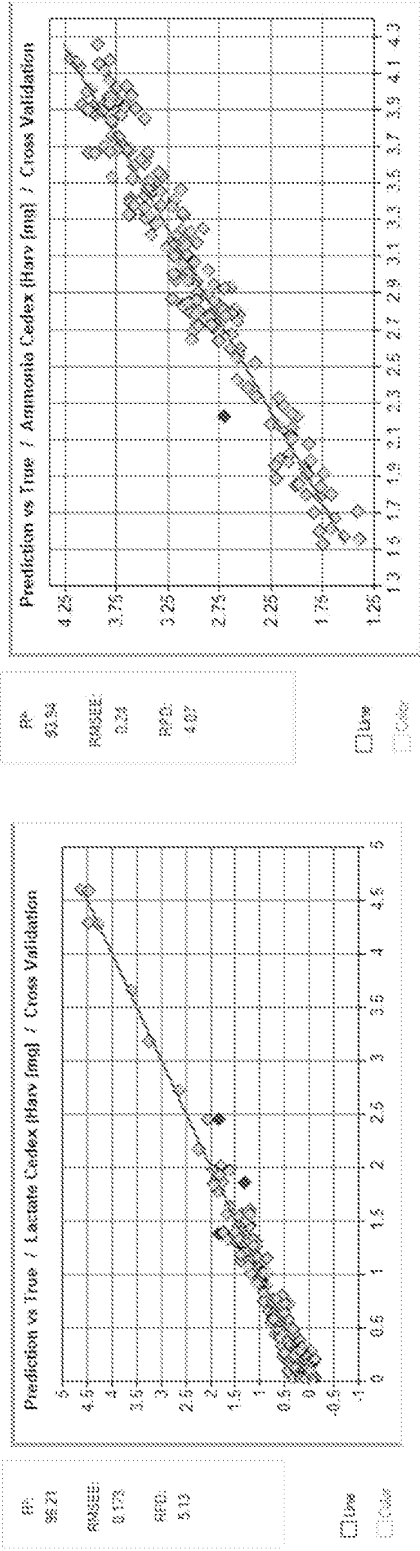


FIG. 21D

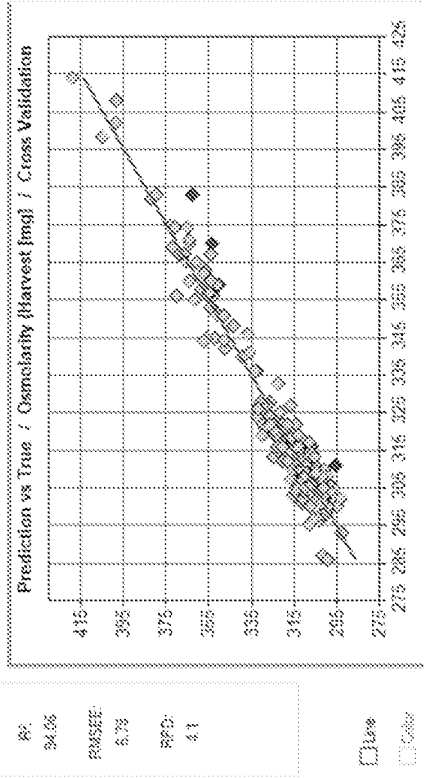


FIG. 21E

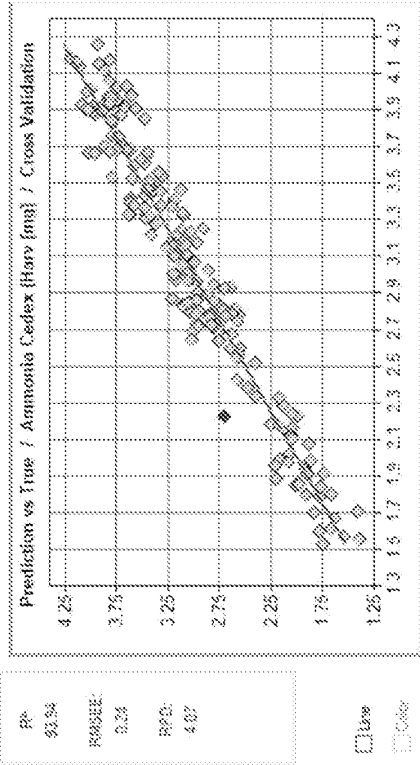


FIG. 21F

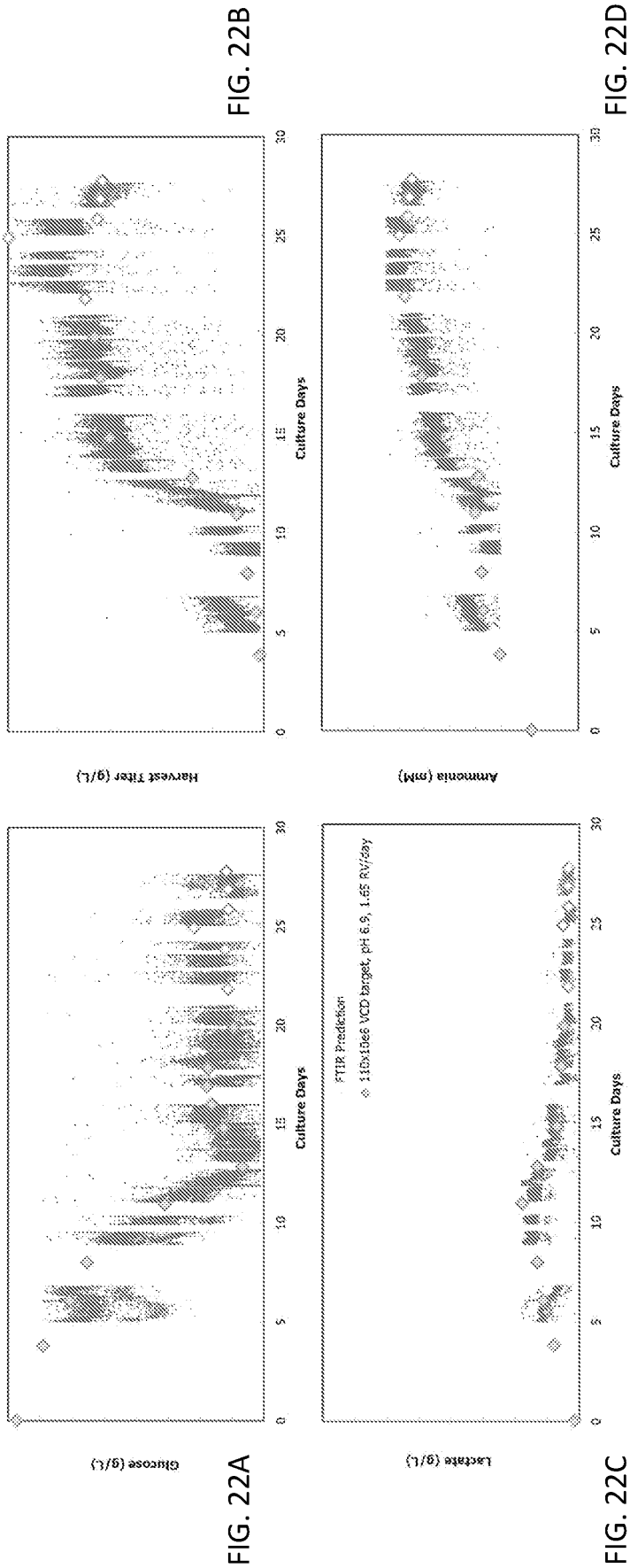


FIG. 23A

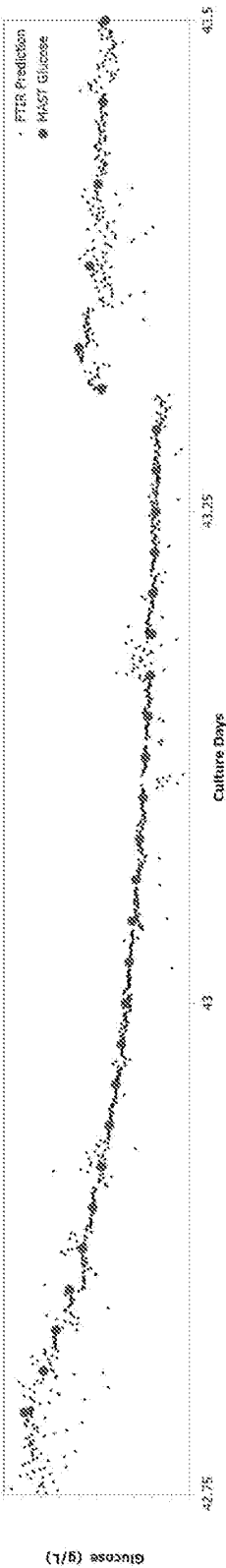


FIG. 23B

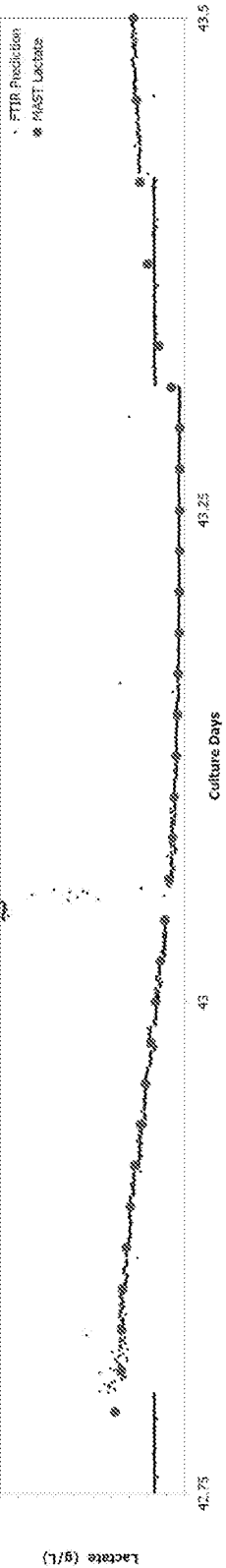


FIG. 23C

