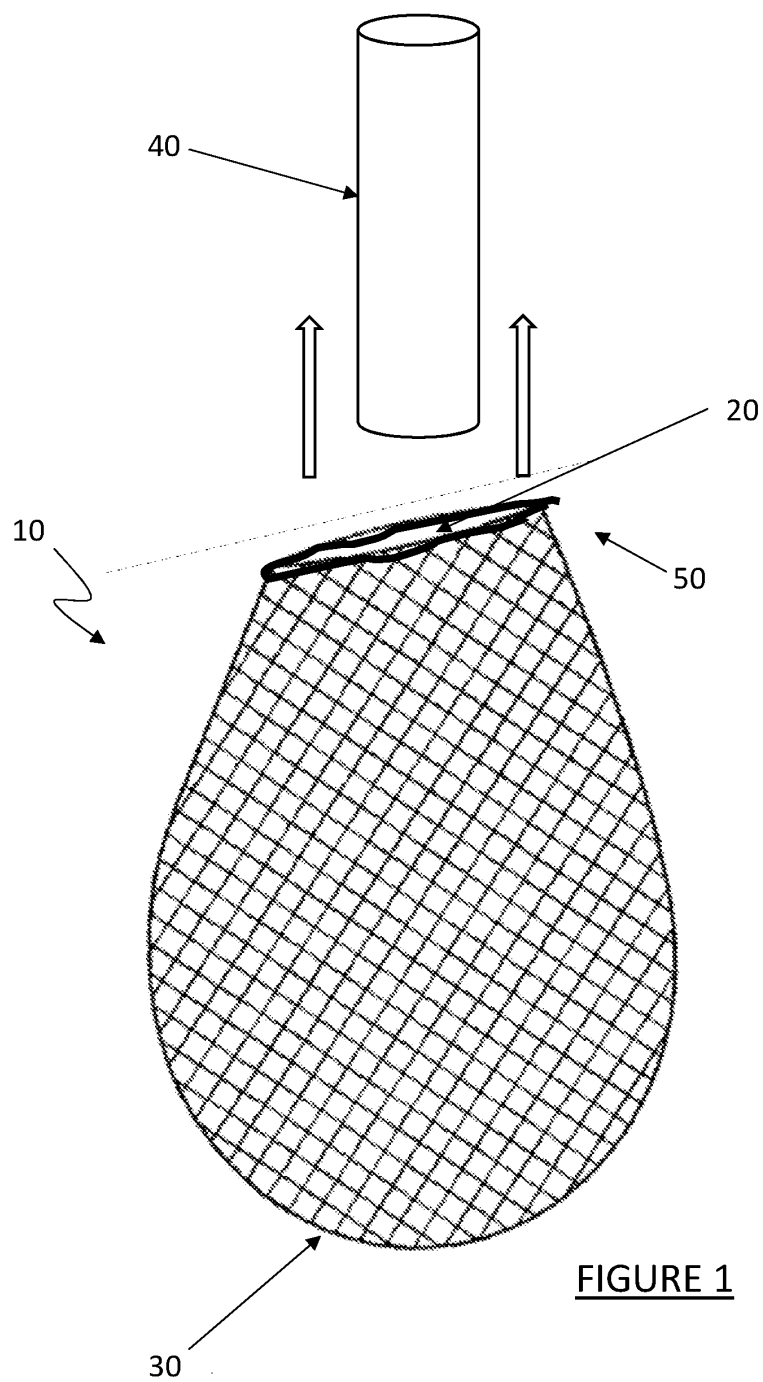




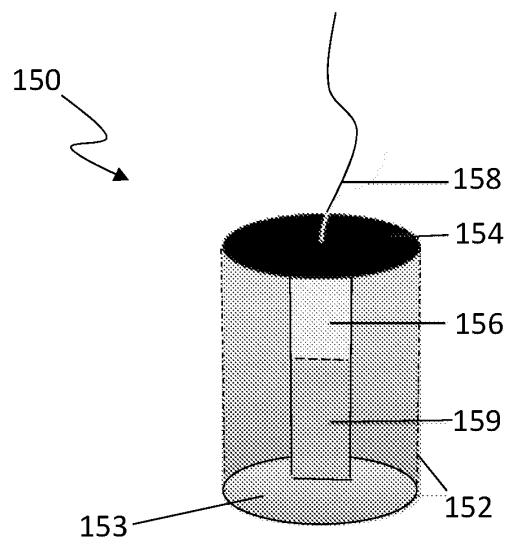


FIGURE 2

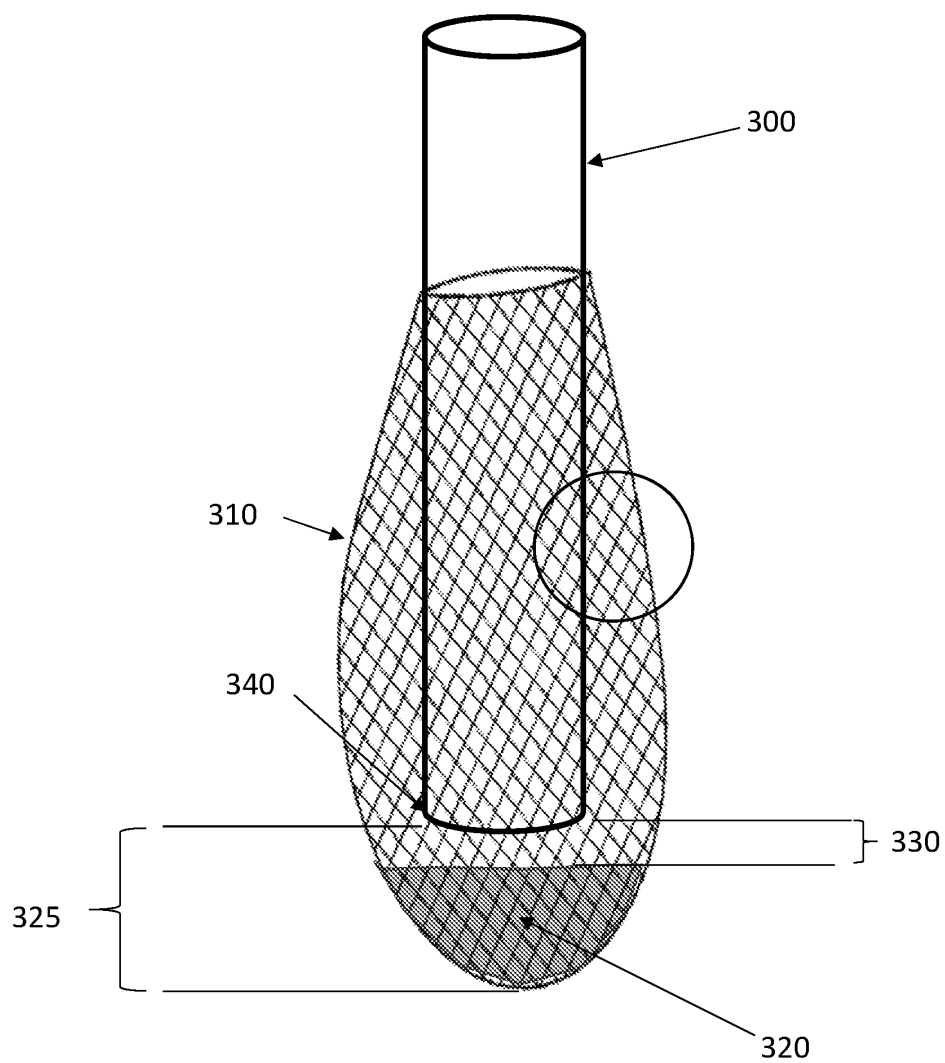


FIGURE 3

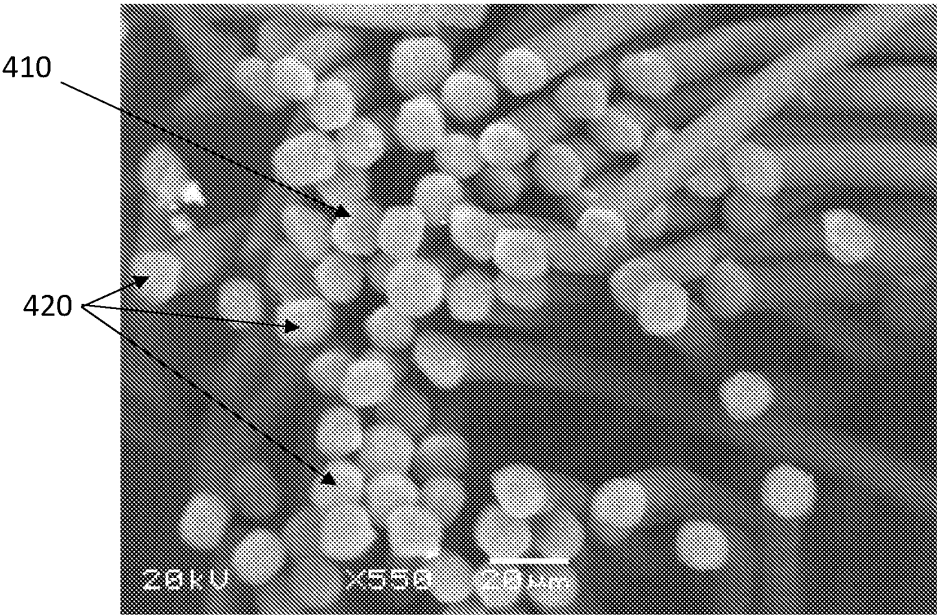
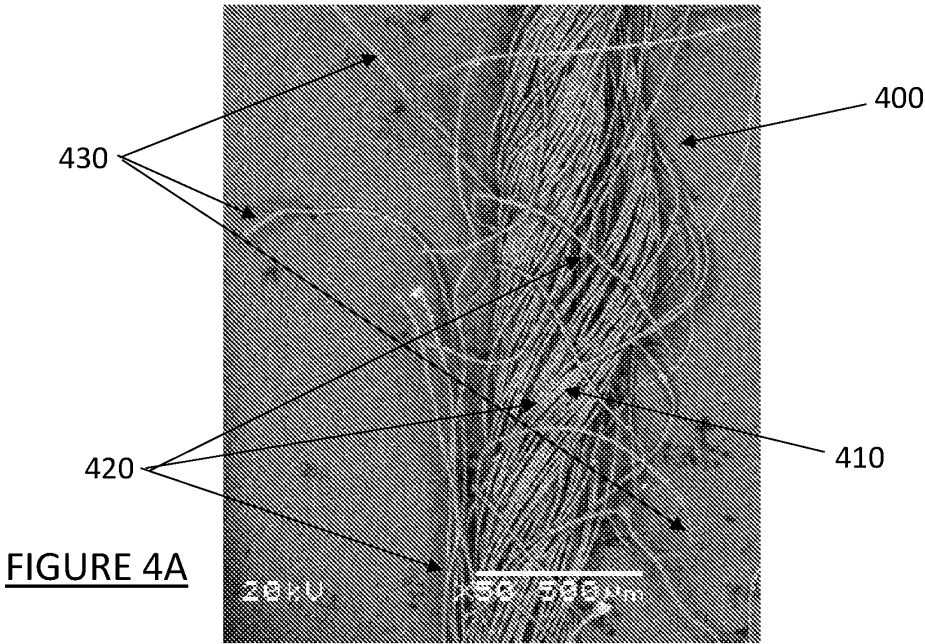
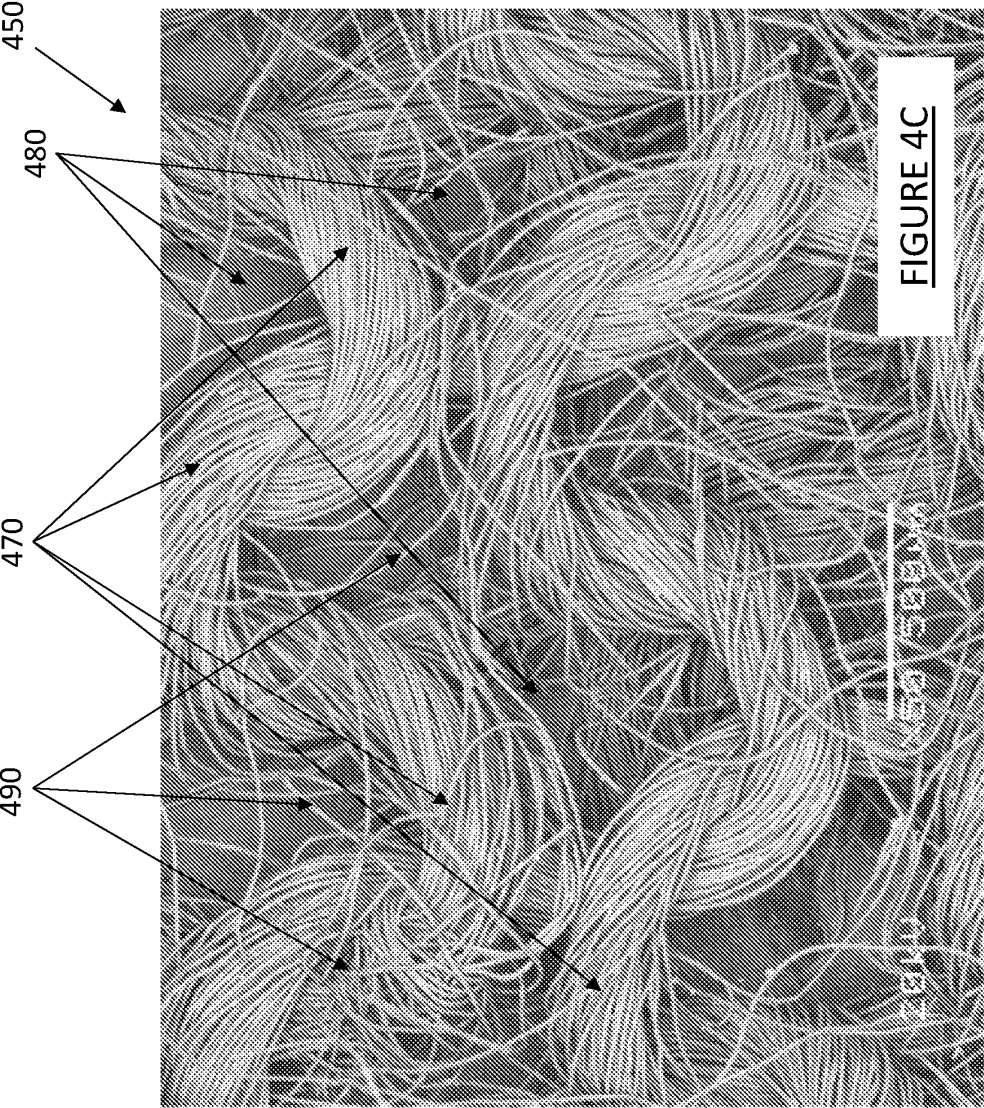


FIGURE 4B



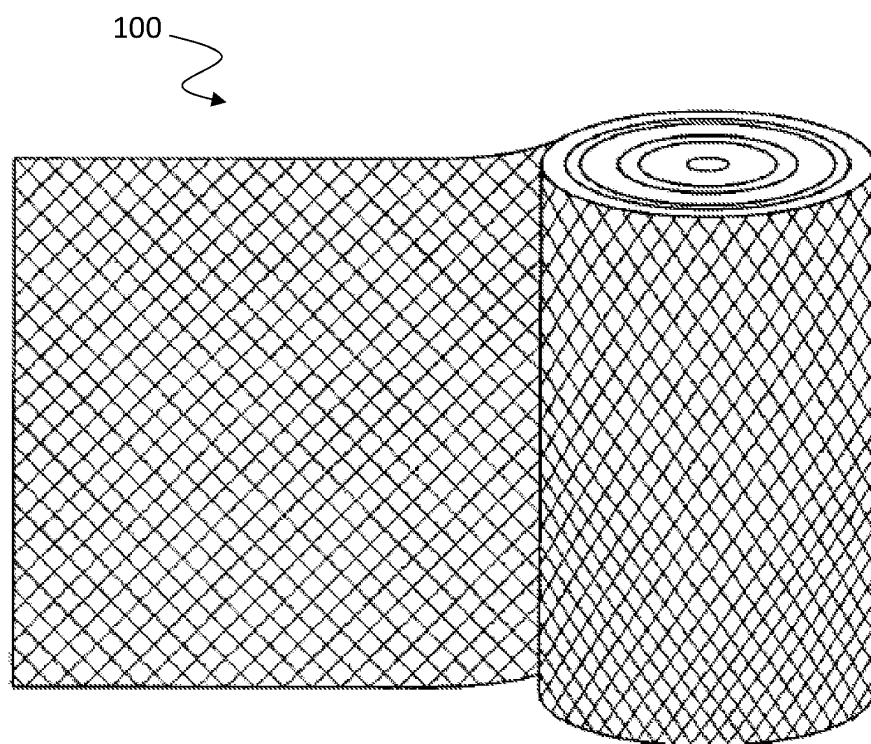


FIGURE 5

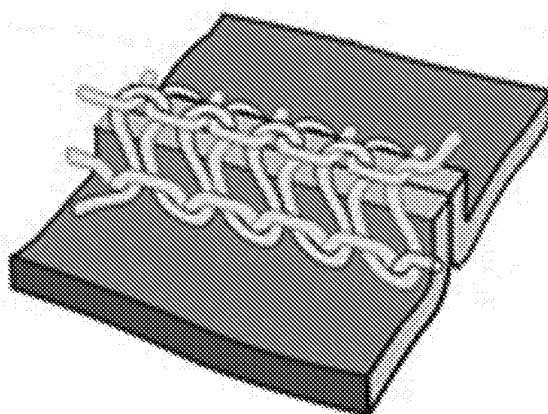
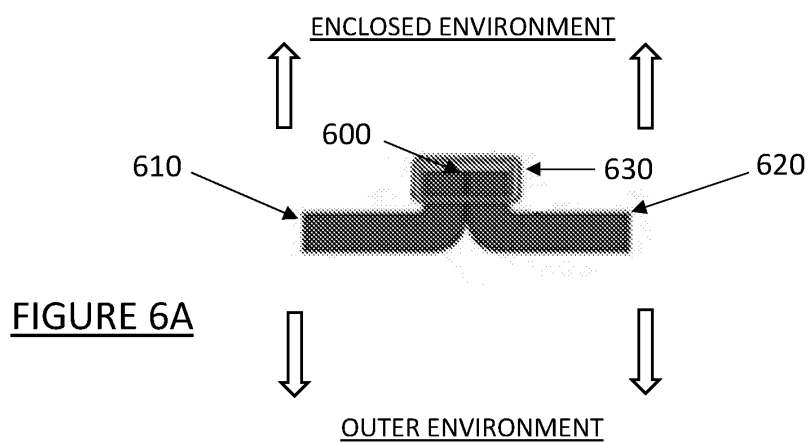


FIGURE 6B

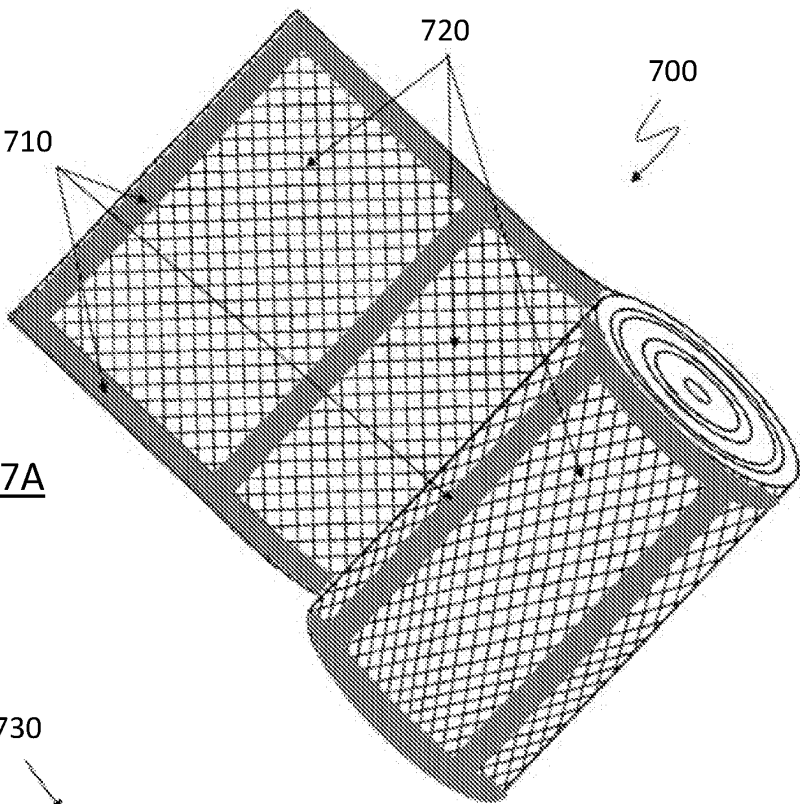


FIGURE 7A

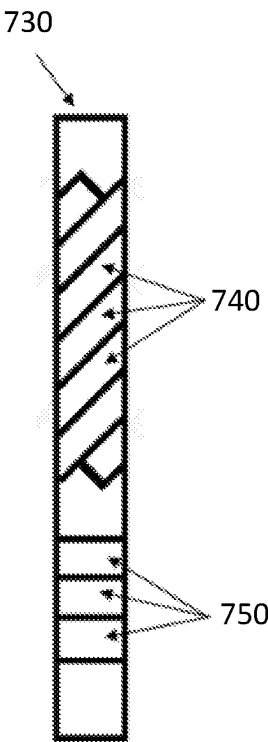


FIGURE 7B

Cumulative Water Quality – Dissolved Oxygen (%)

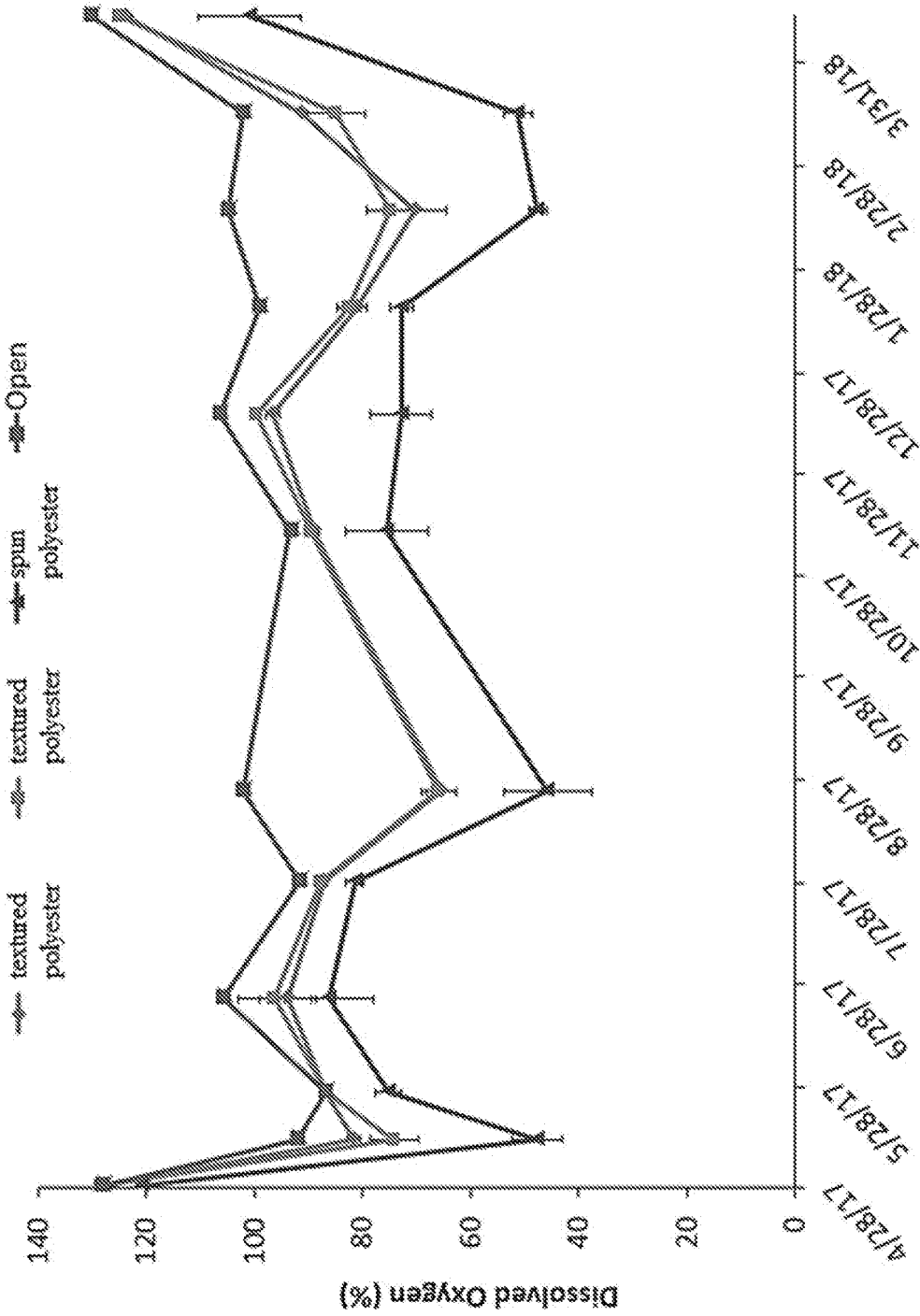


FIGURE 8A

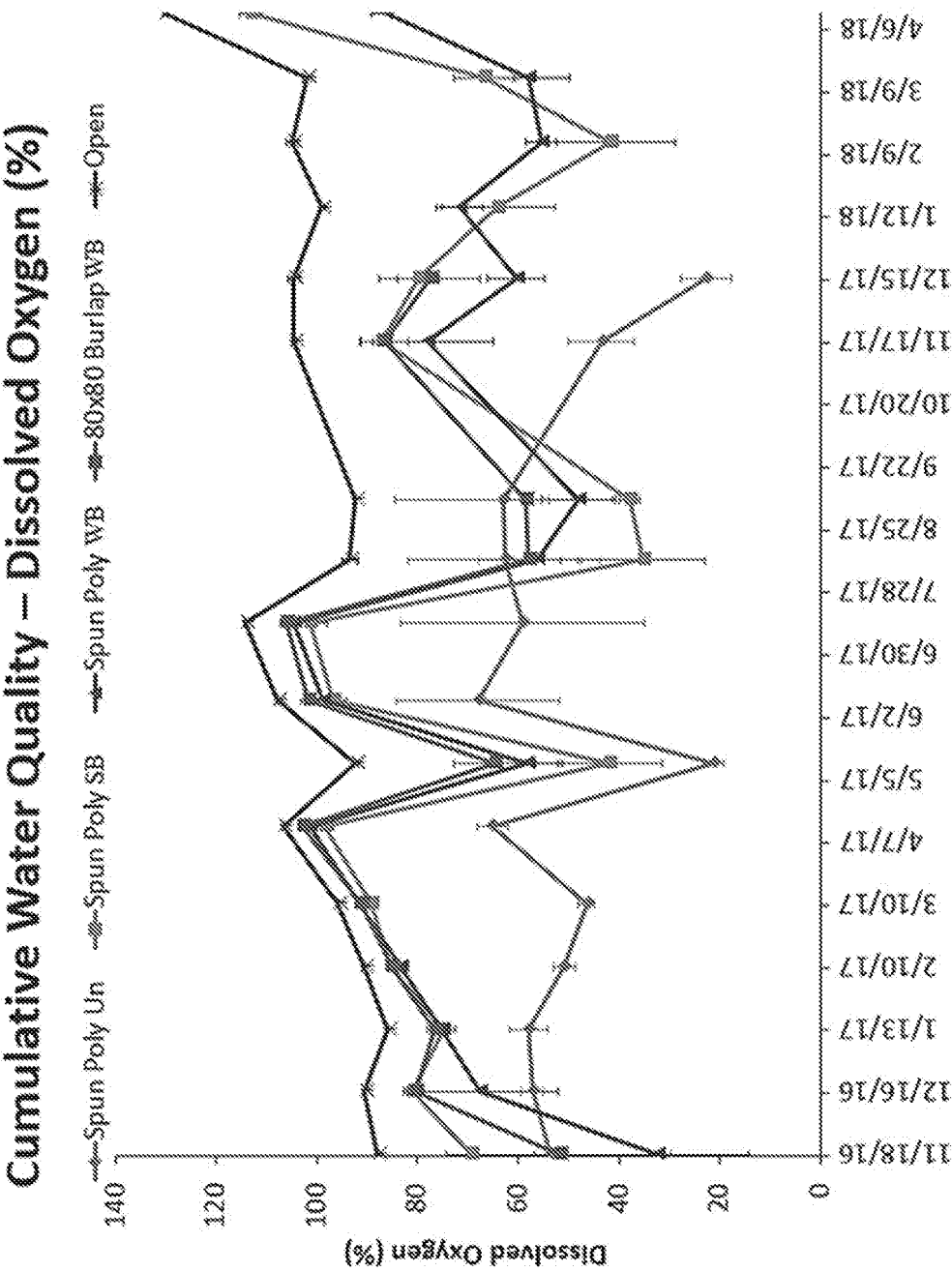


FIGURE 8B

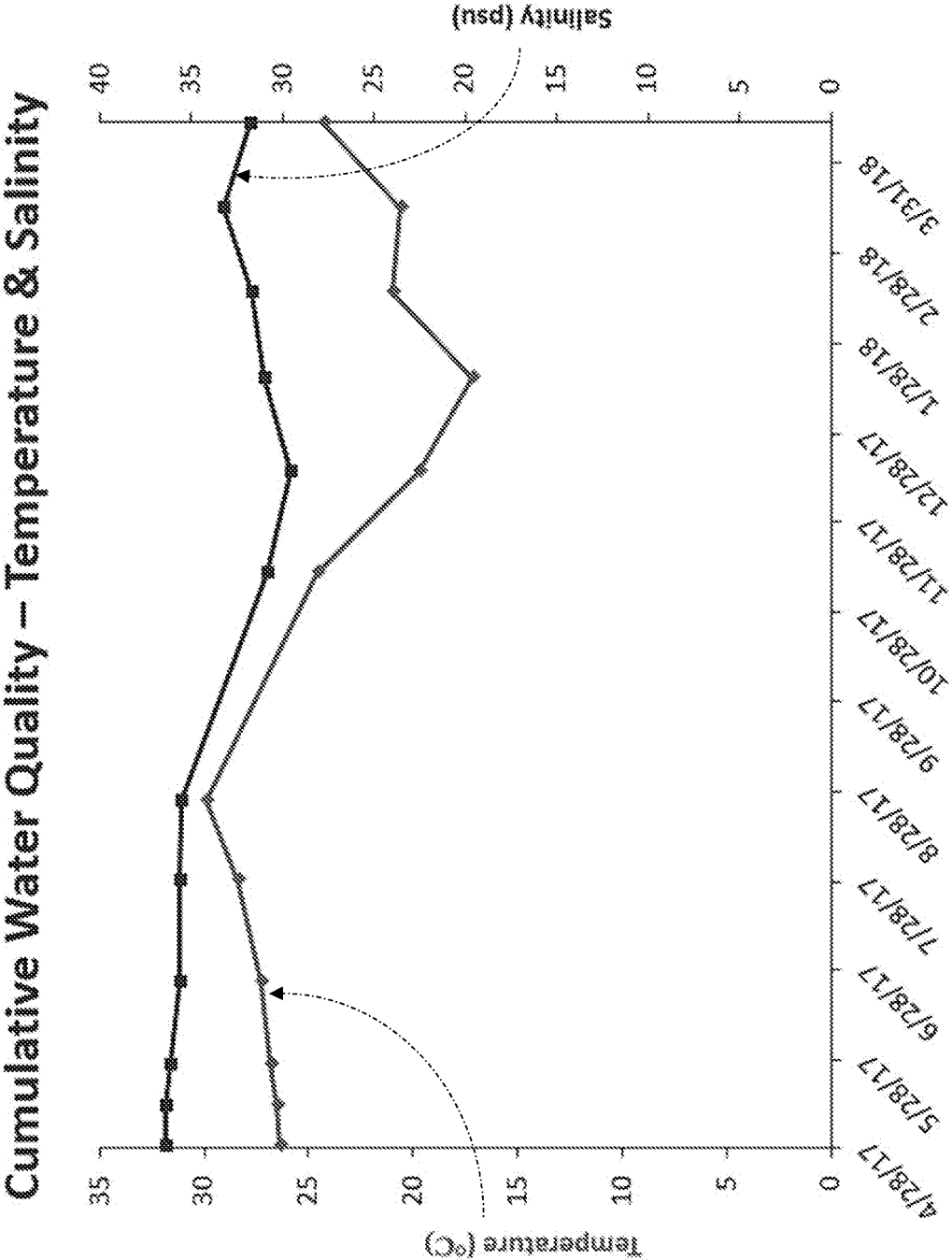


FIGURE 9

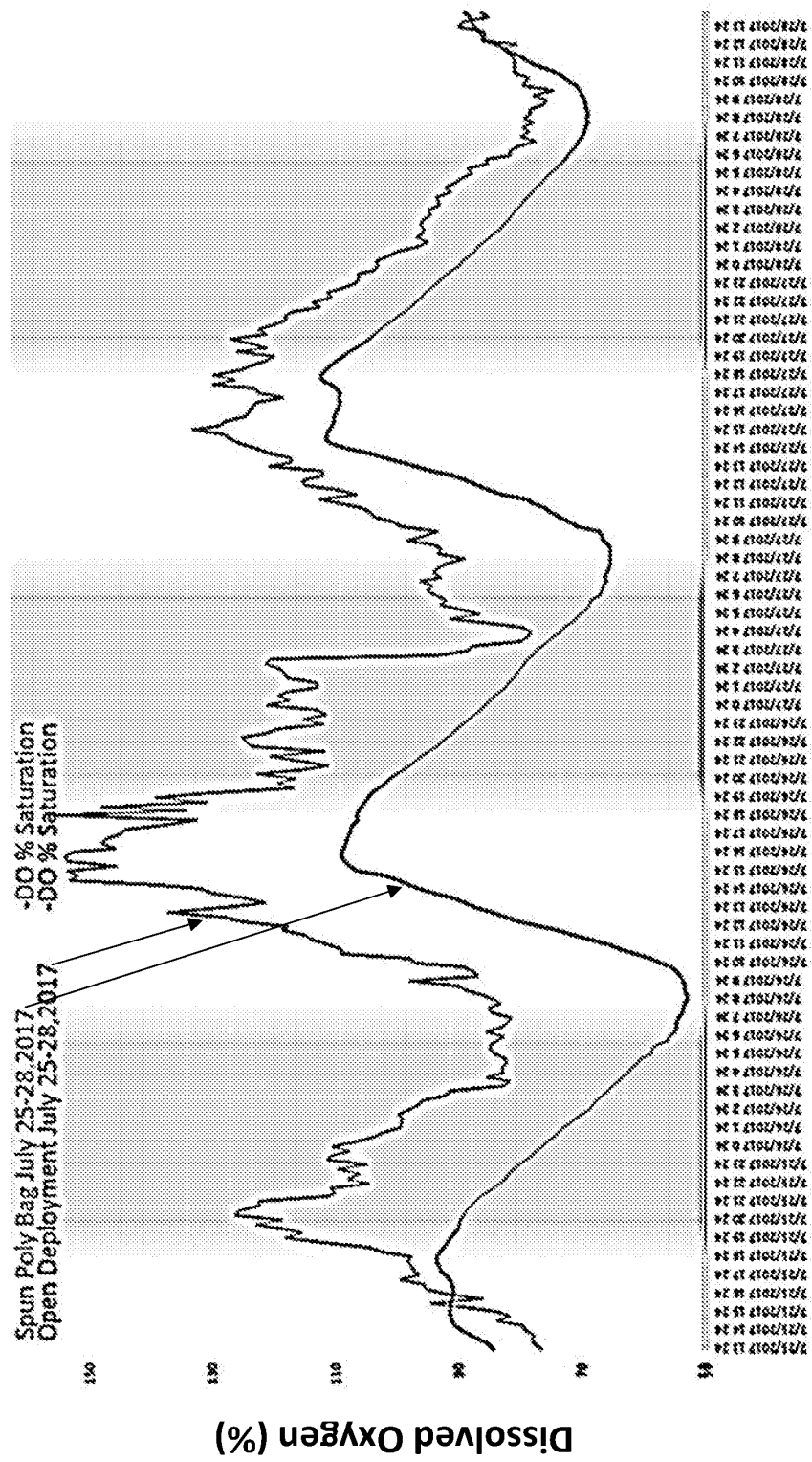


FIGURE 10A

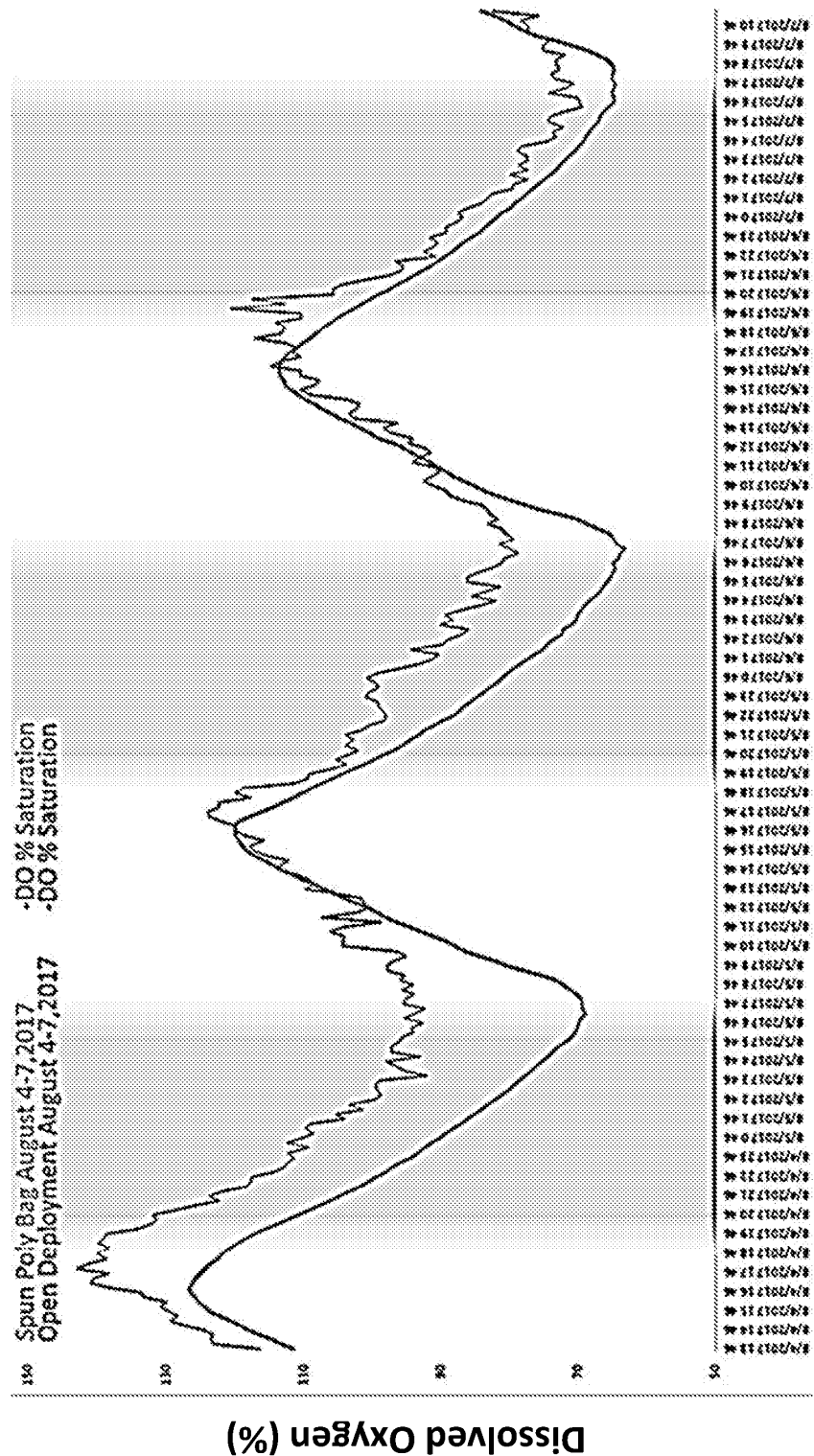


FIGURE 10B

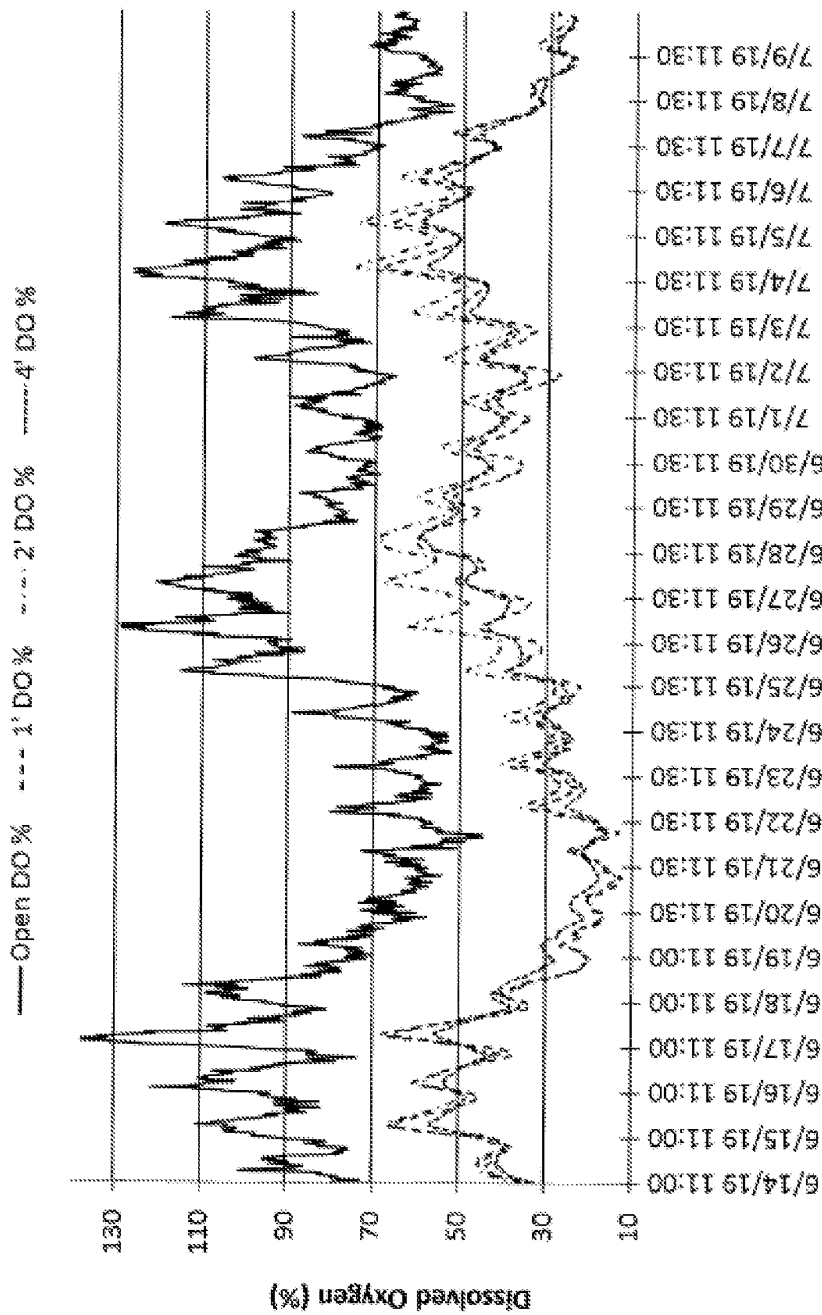


FIGURE 10C

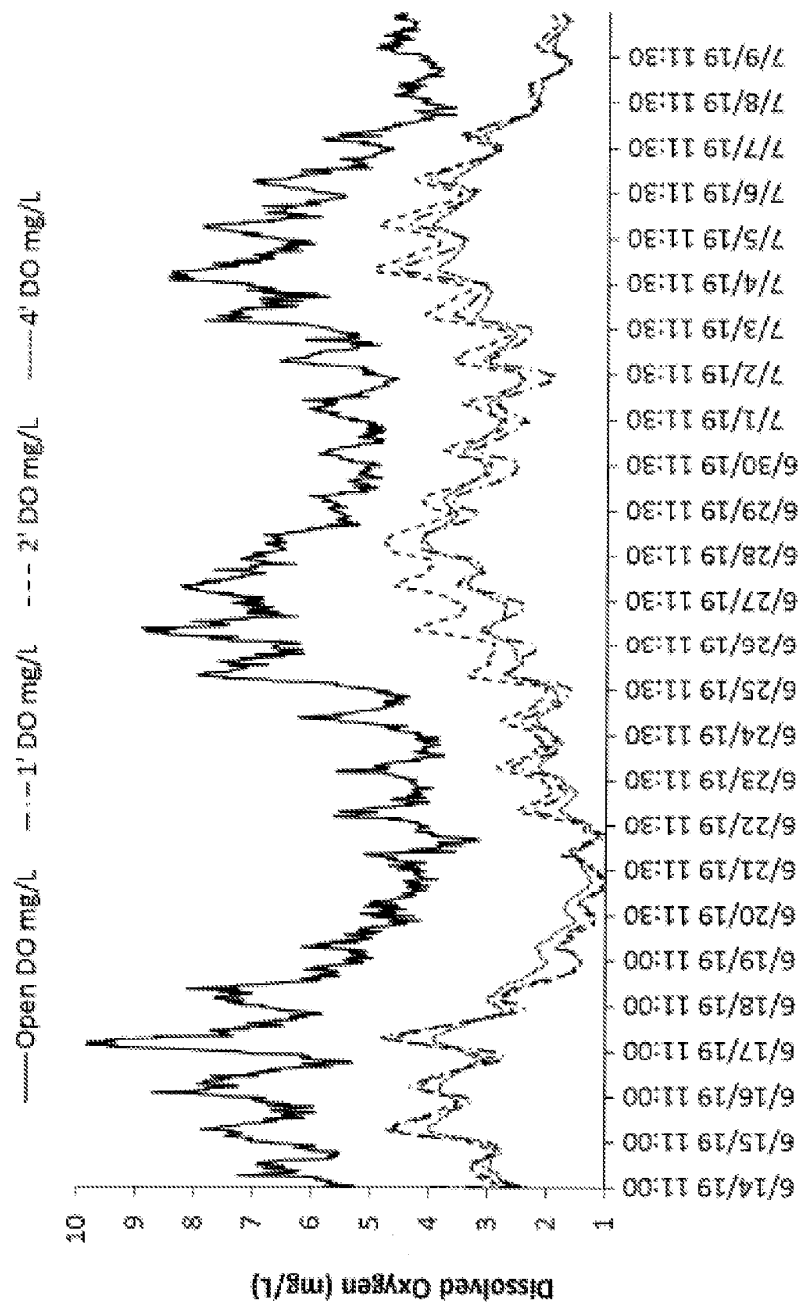
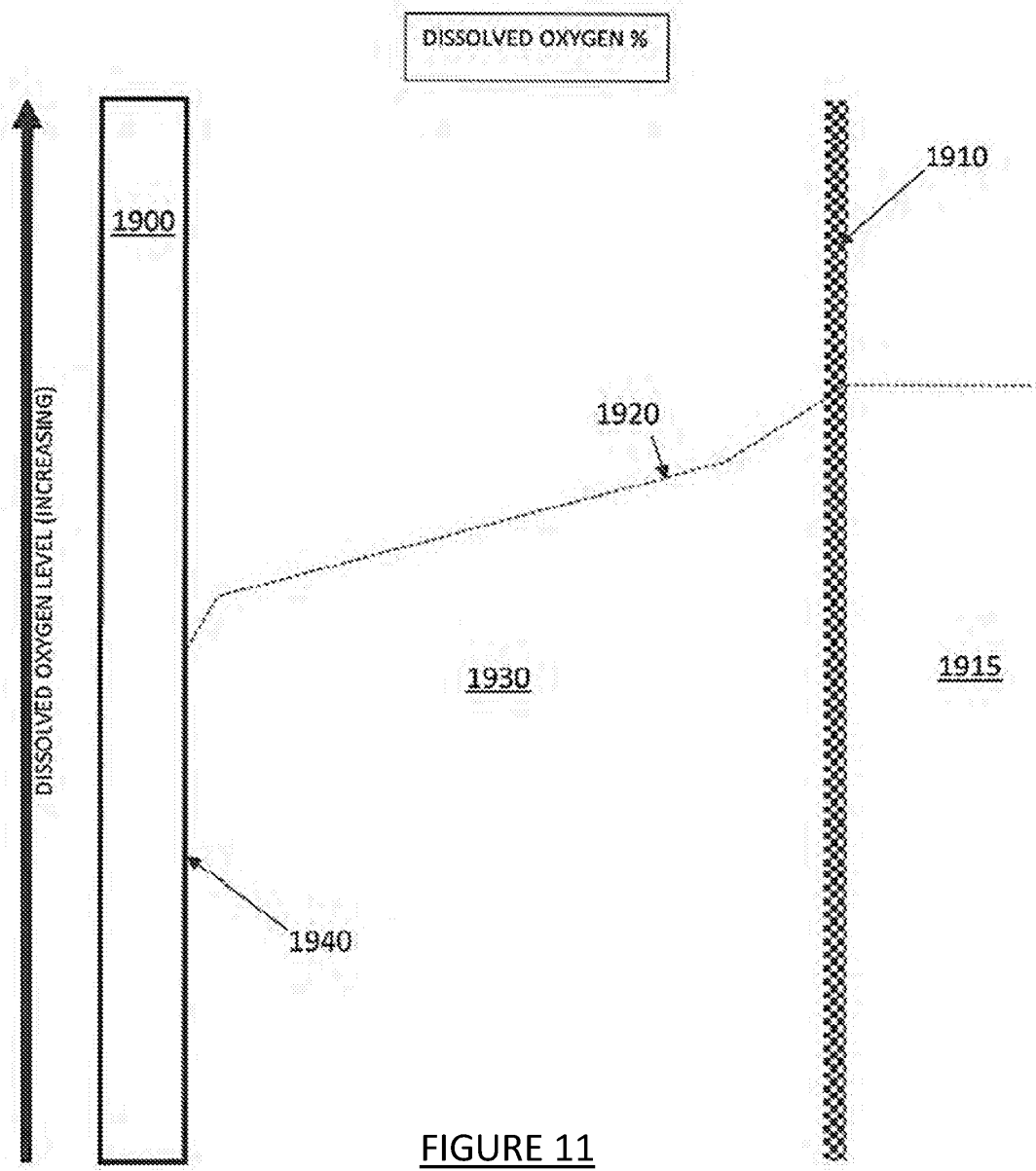


FIGURE 10D



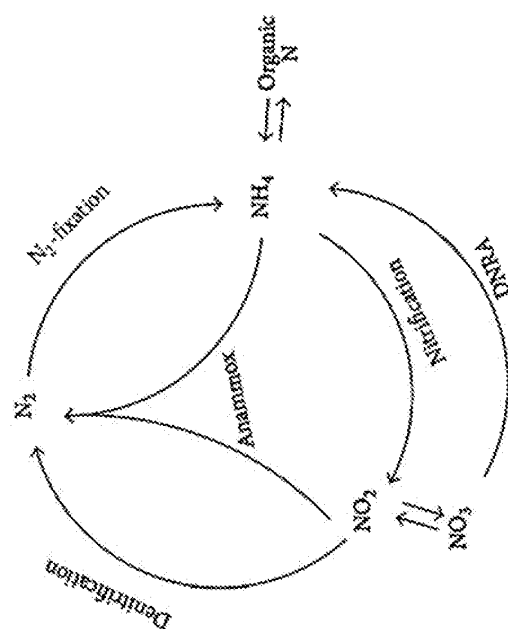
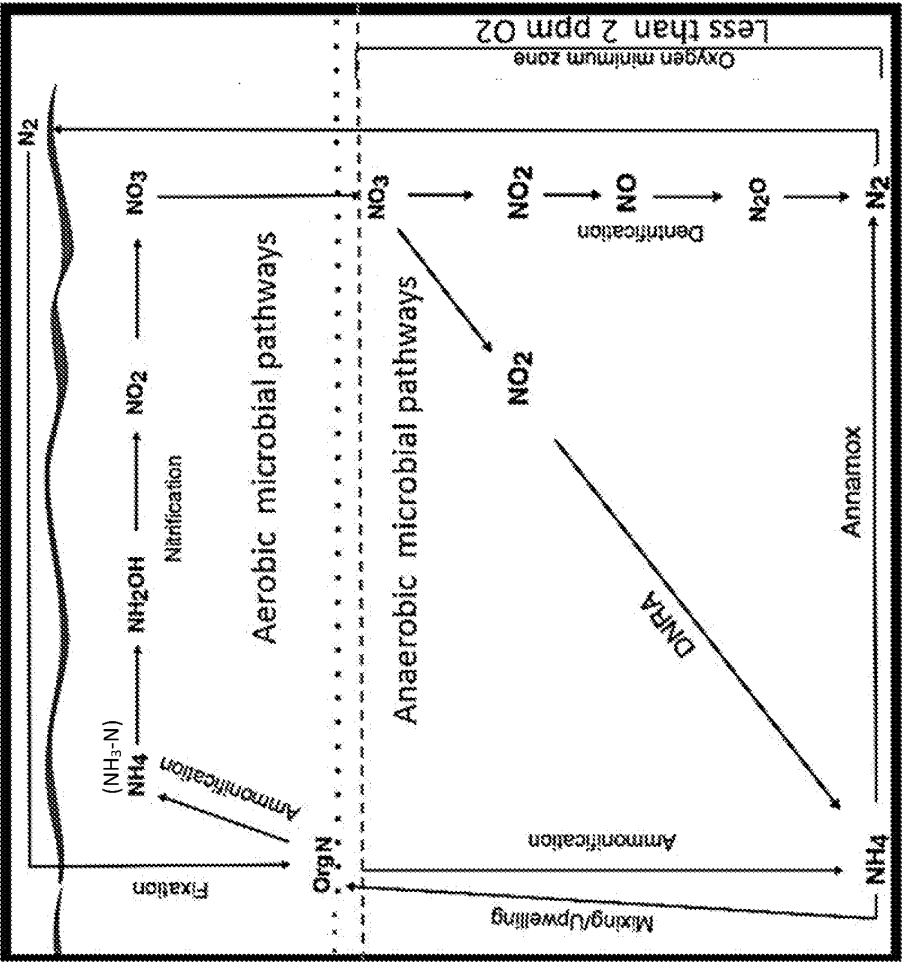


FIGURE 12A

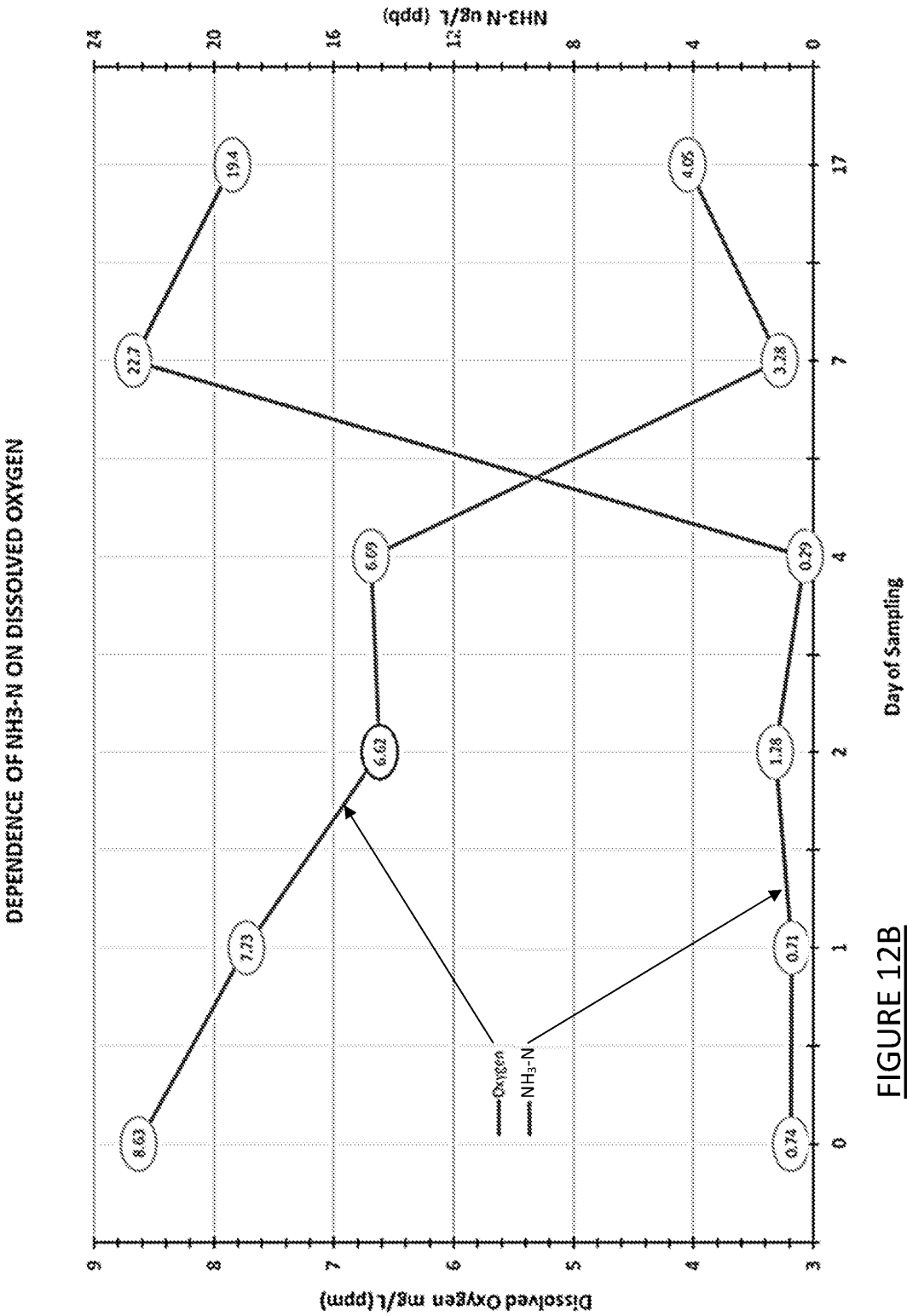


FIGURE 12B

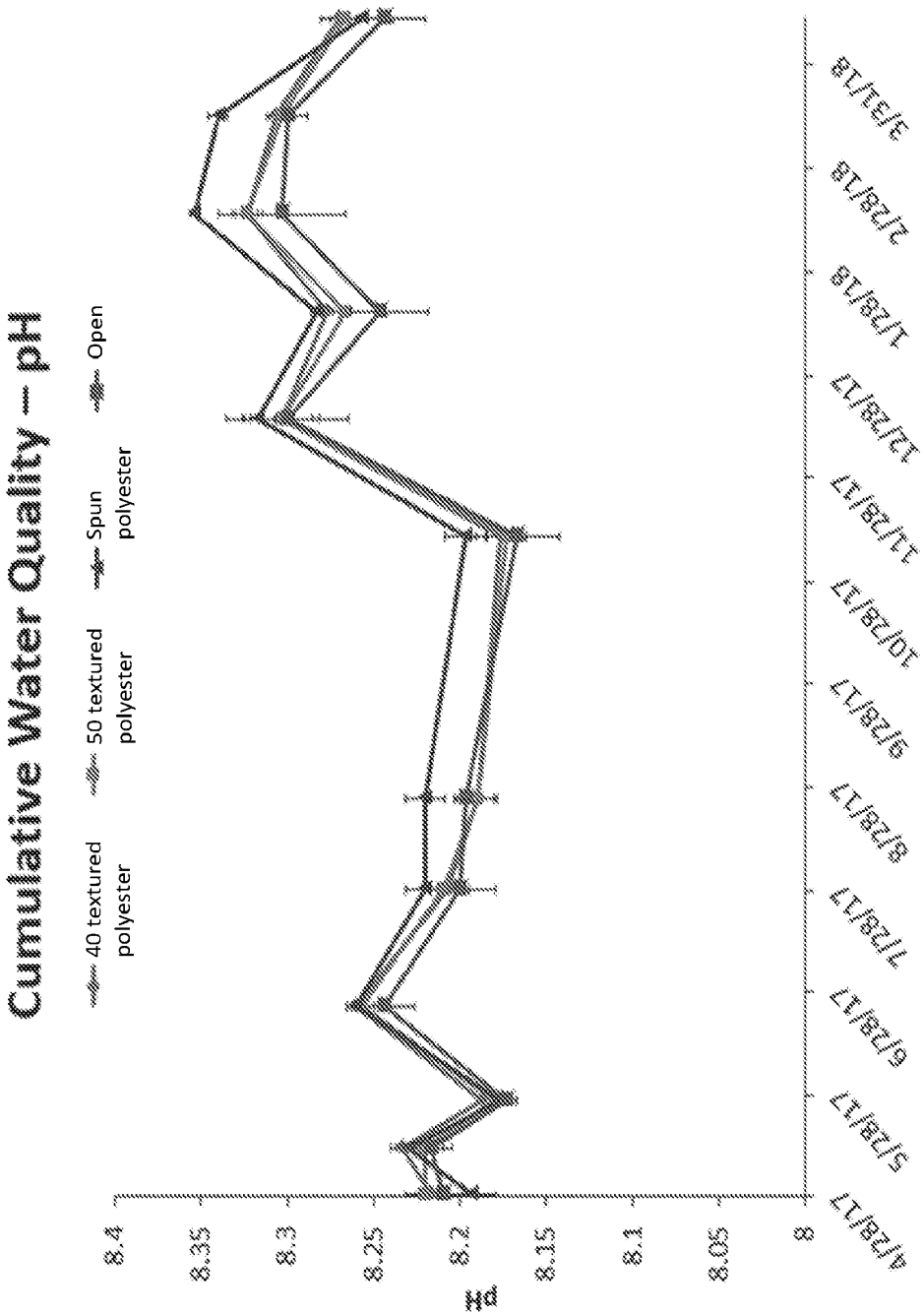


FIGURE 13

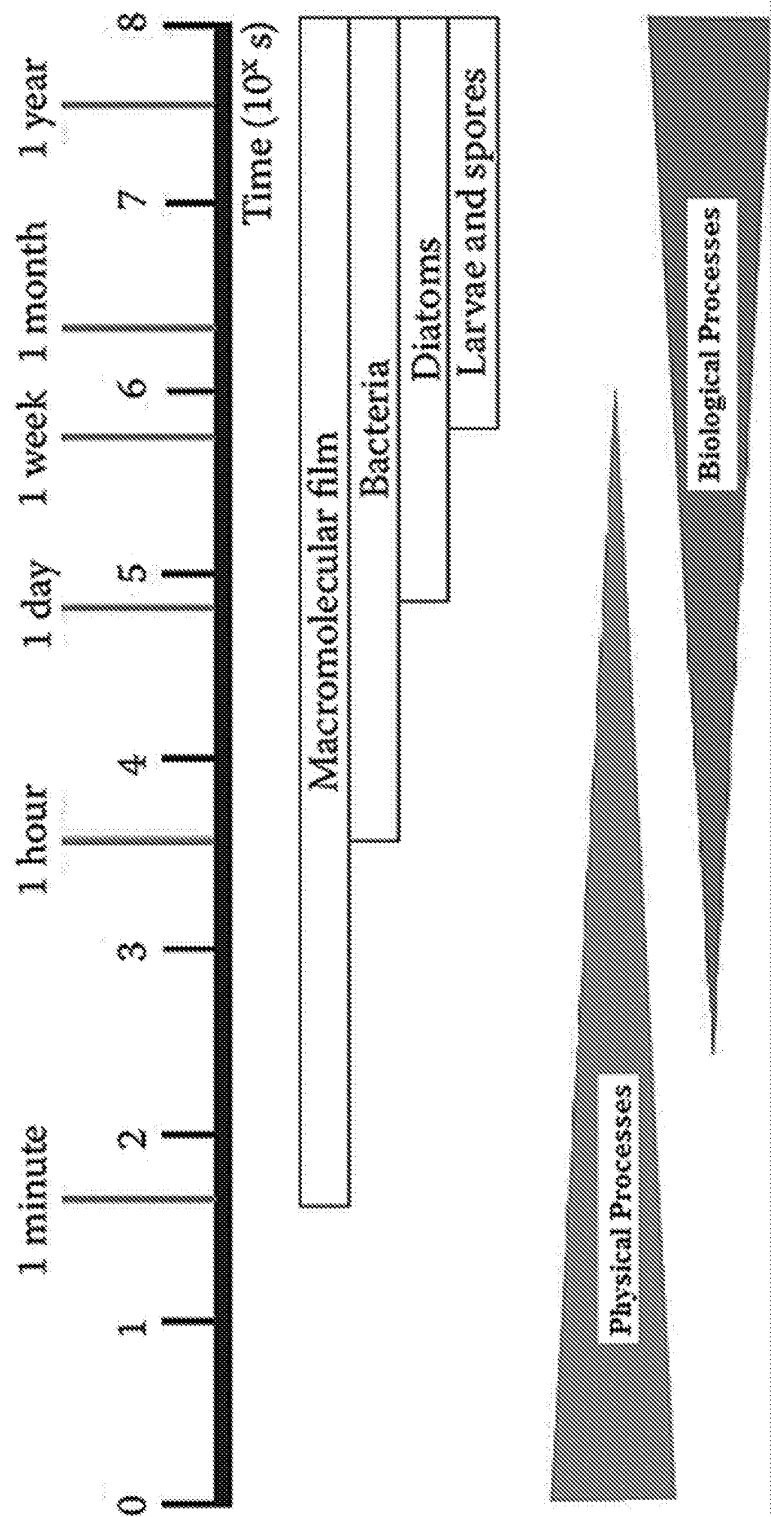


FIGURE 14

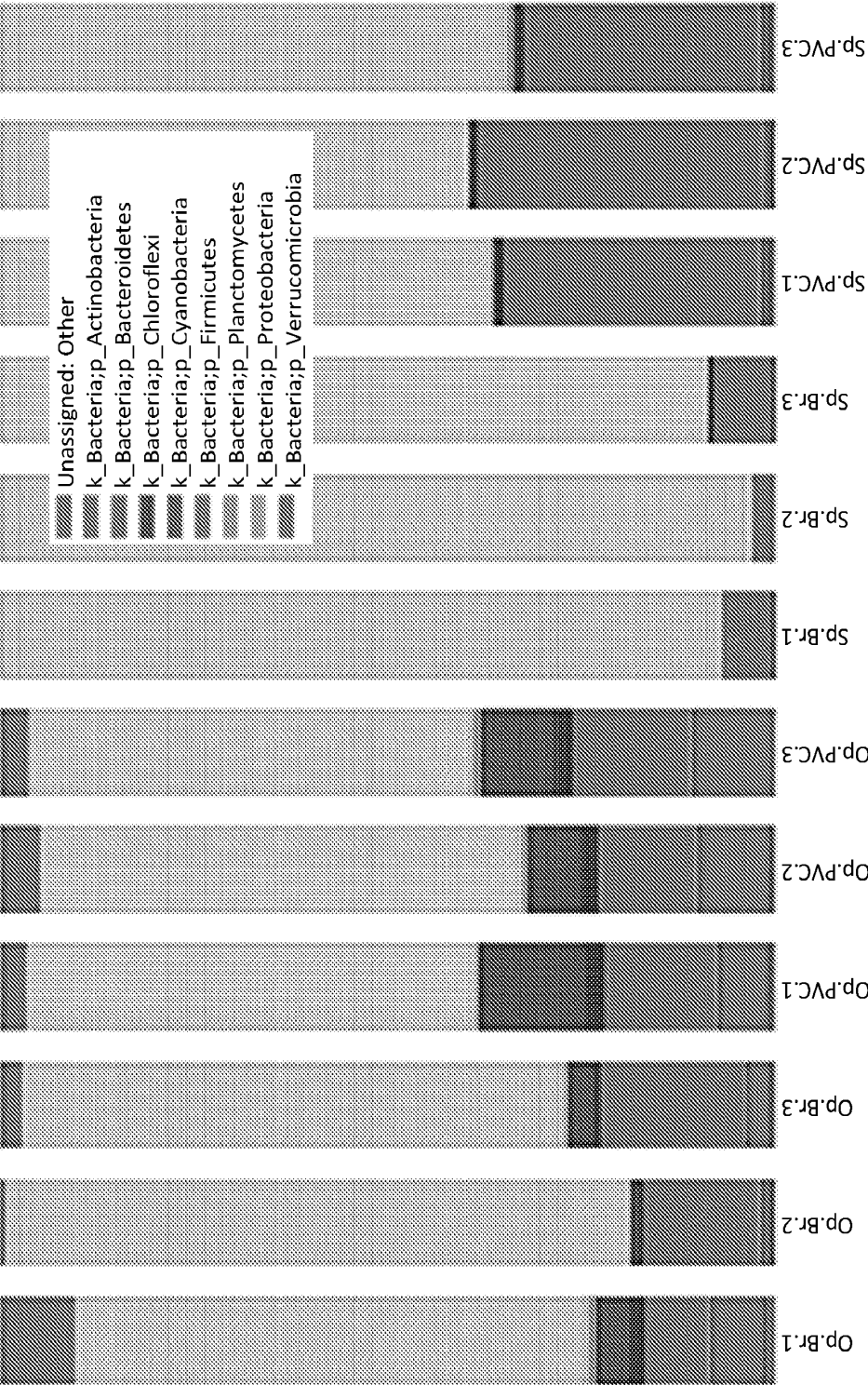


FIGURE 15

23x23 poly - uncoated

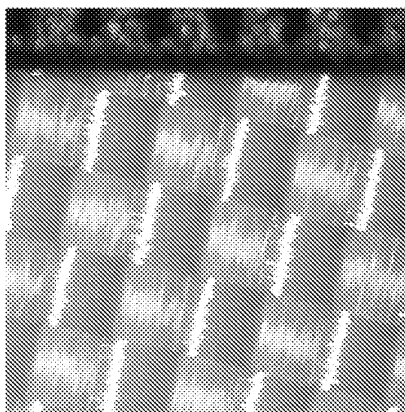


FIGURE 16A

**23x23 poly – solvent
based (SB) coating**

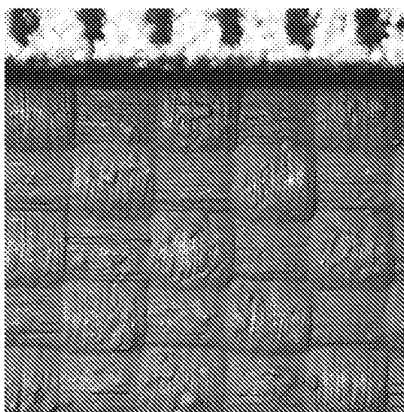


FIGURE 16B

Burlap - uncoated



FIGURE 17A

**burlap – solvent
based (SB) coating**



FIGURE 17B

**burlap – water based
(WB) coating**

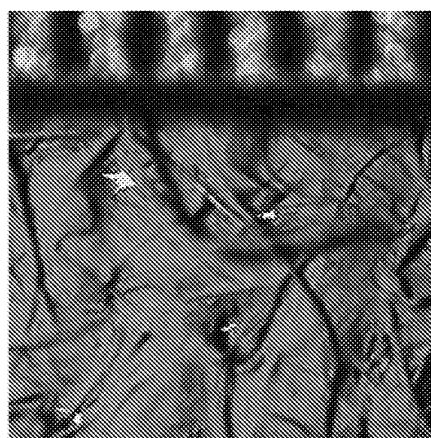


FIGURE 17C

FIGURE 18A

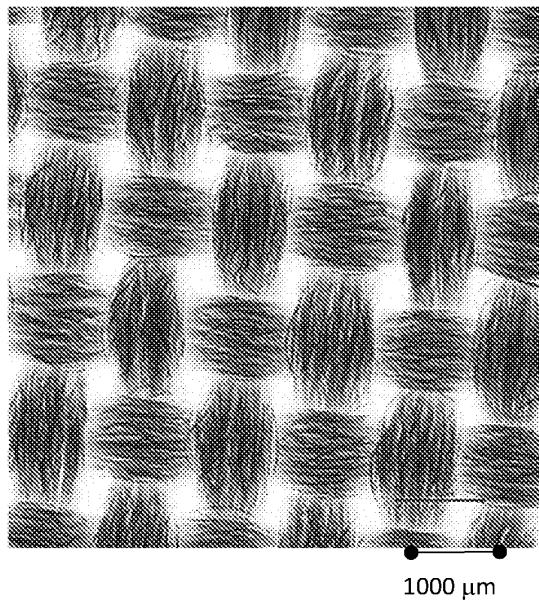


FIGURE 18B

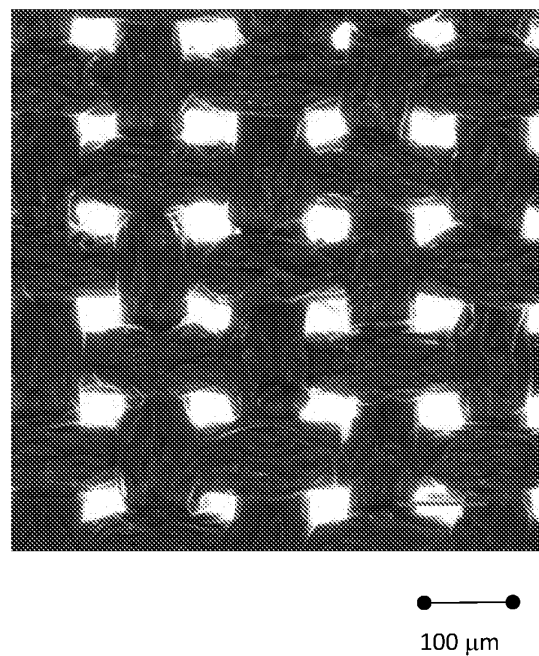


FIGURE 18C

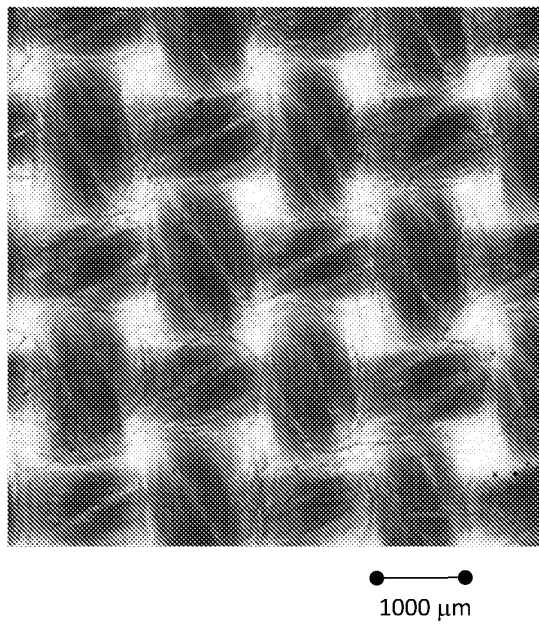


FIGURE 18D

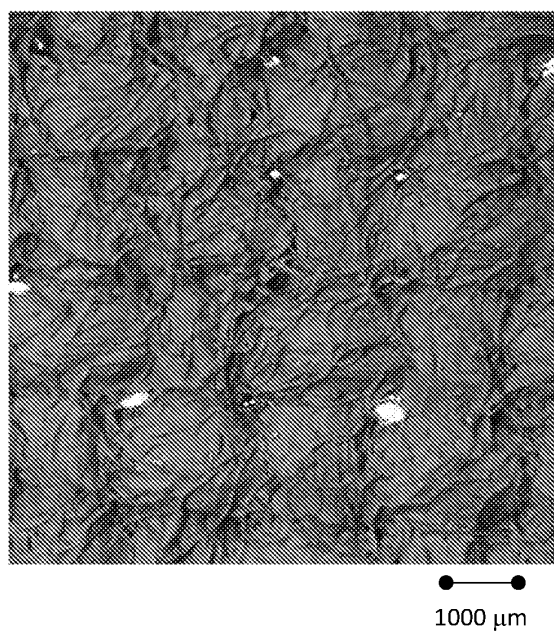
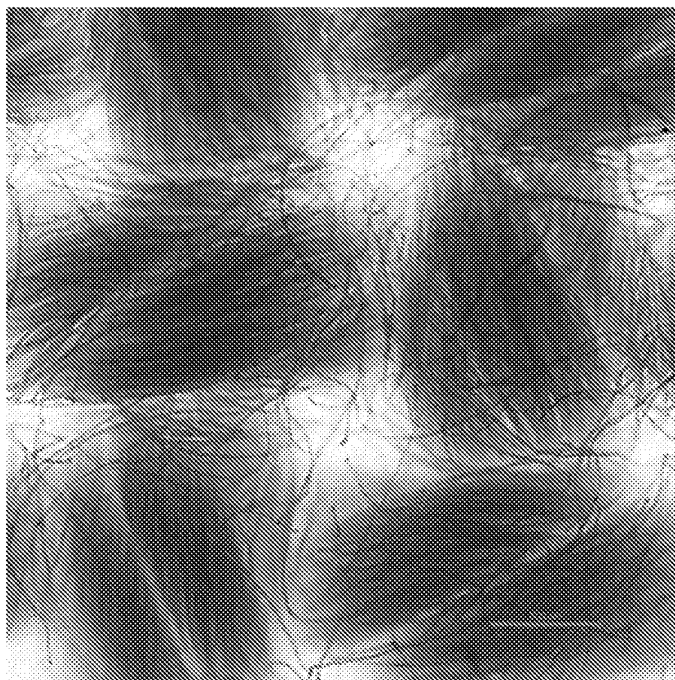
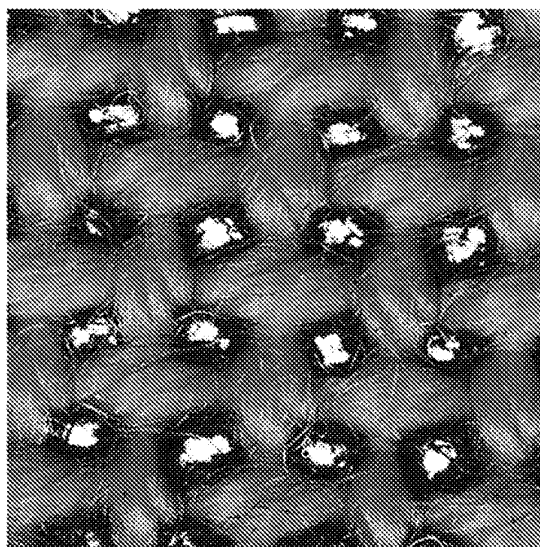


FIGURE 18E

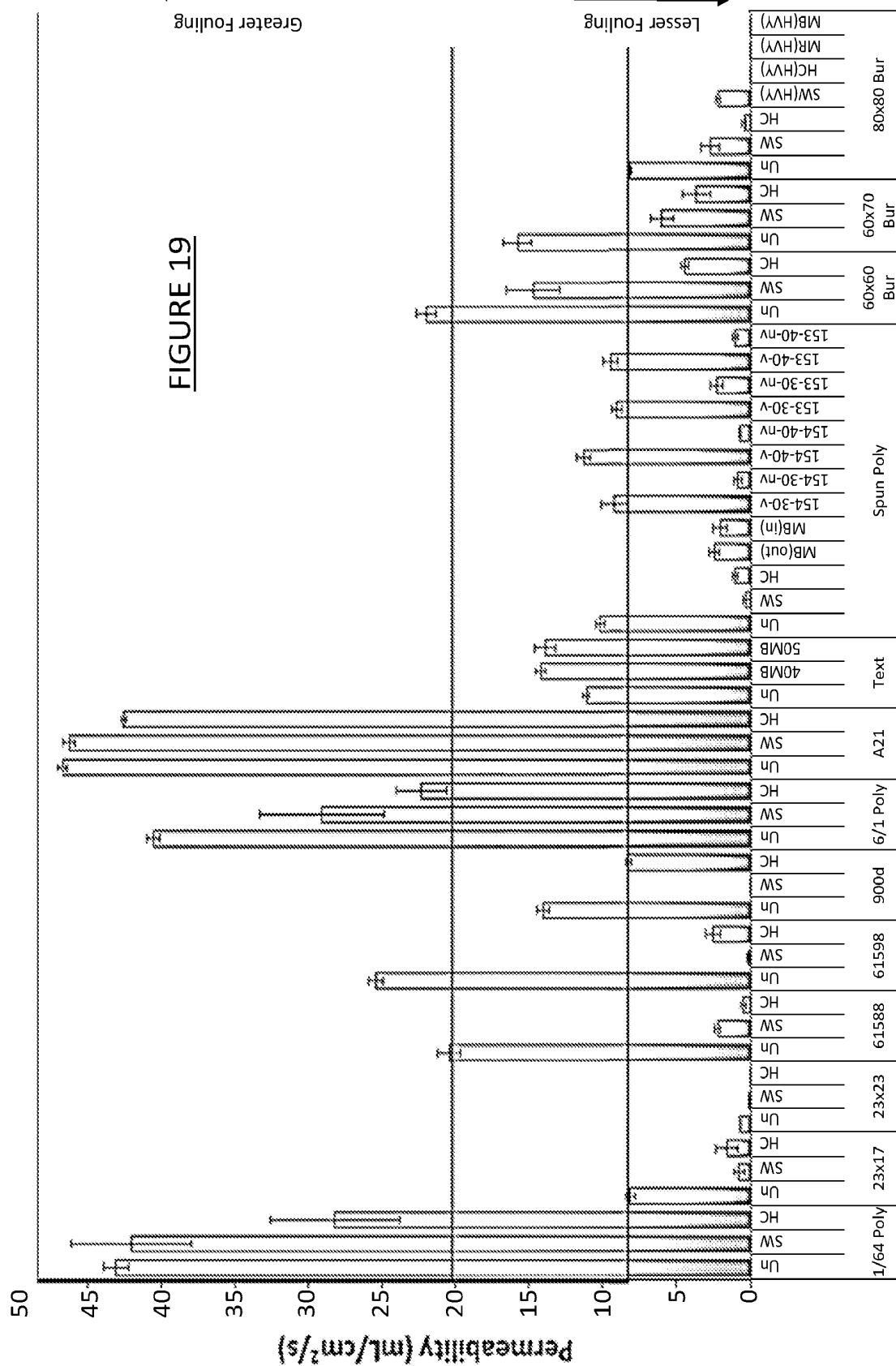


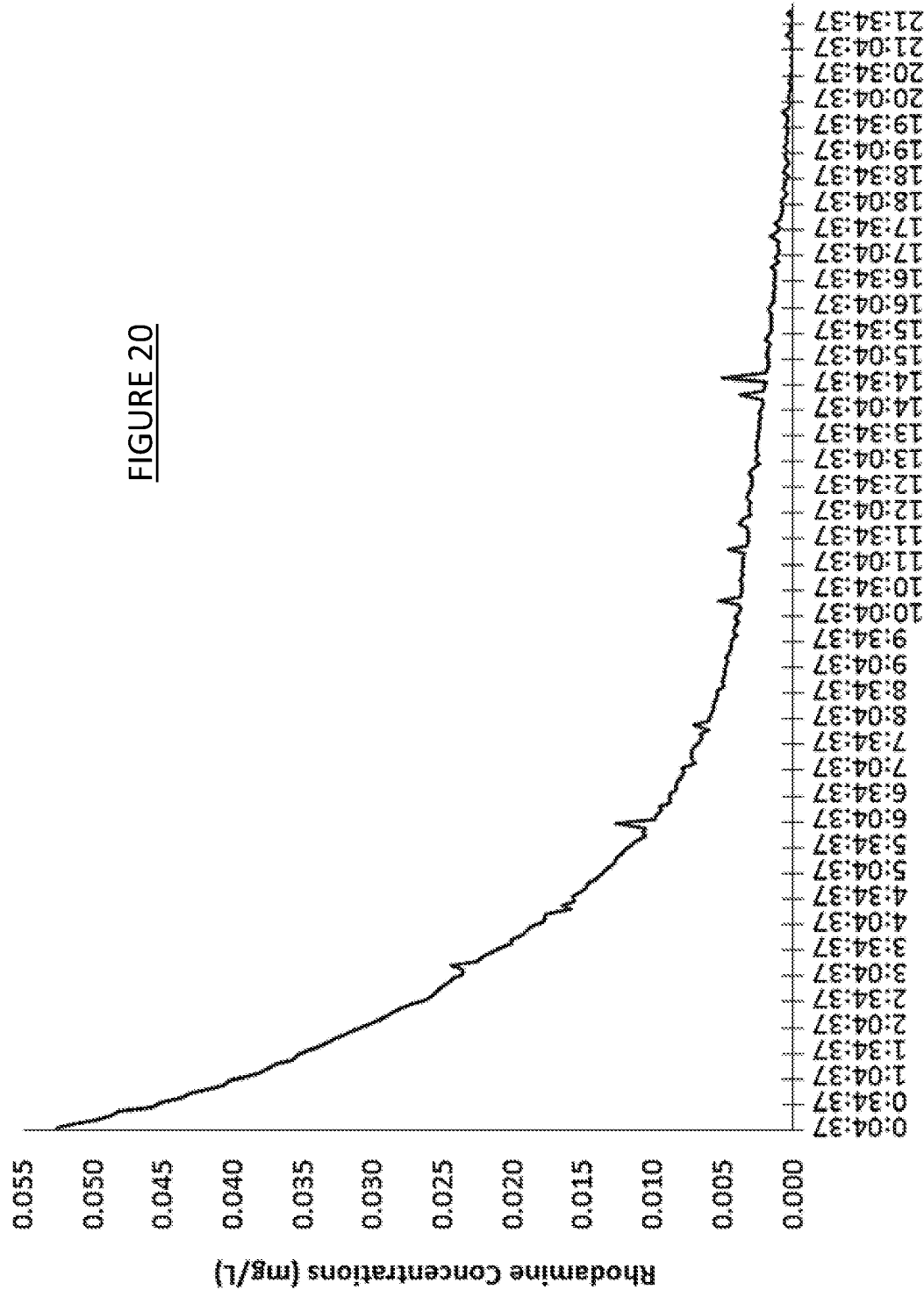
500 μm

FIGURE 18F



1000 μm





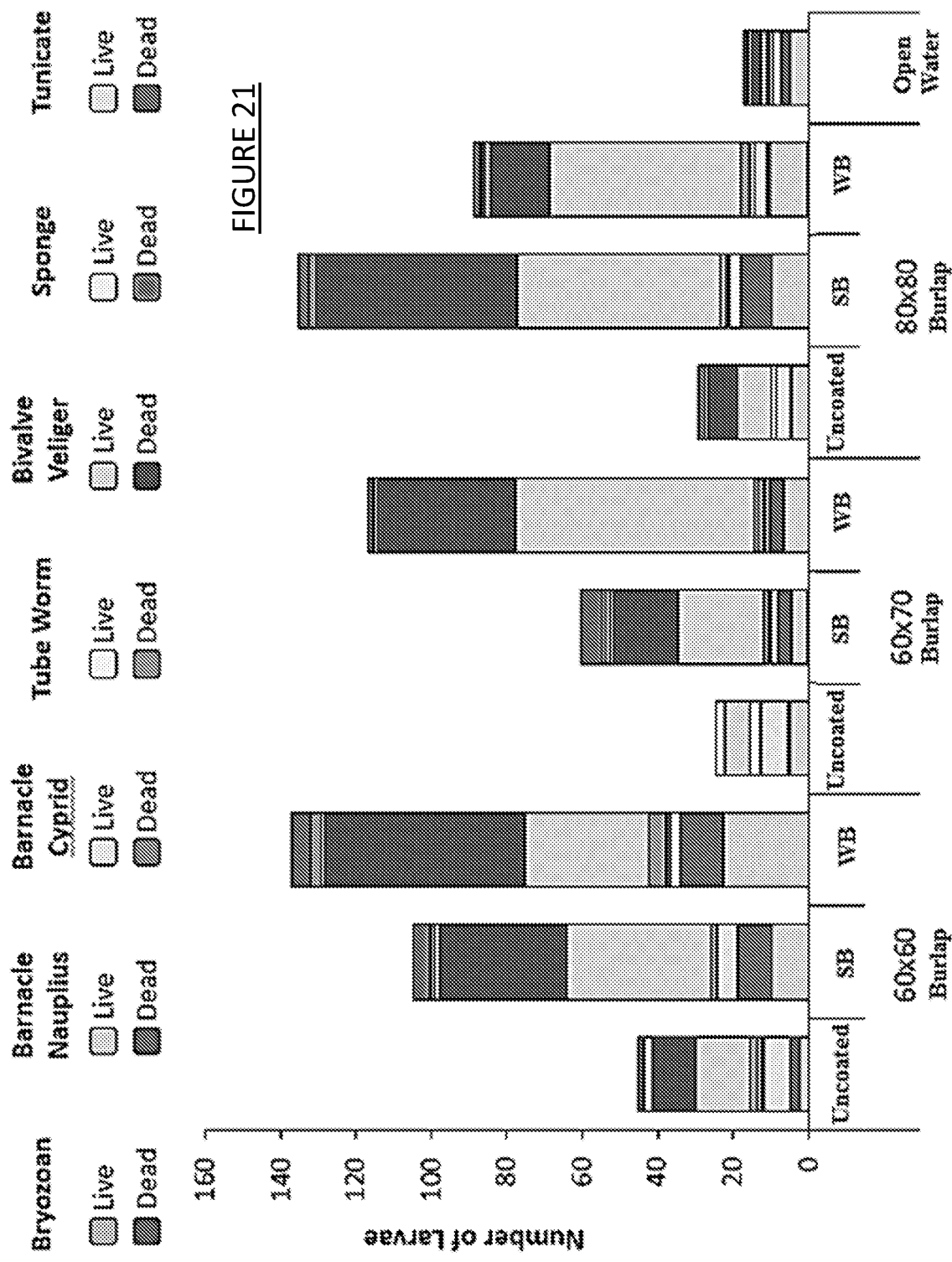


FIGURE 22A

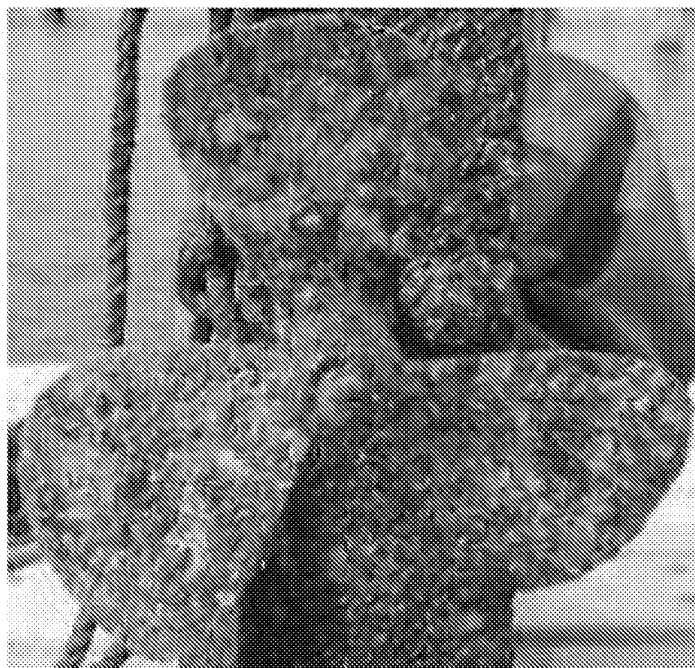
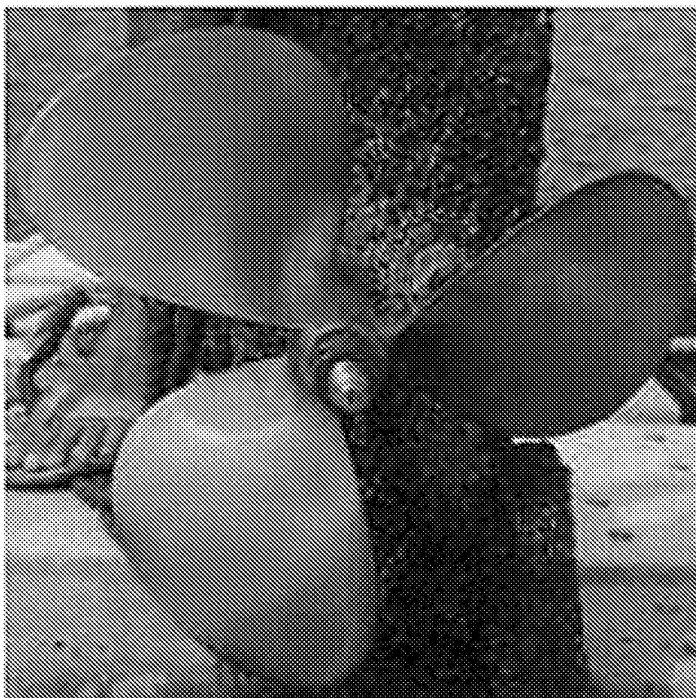


FIGURE 22B



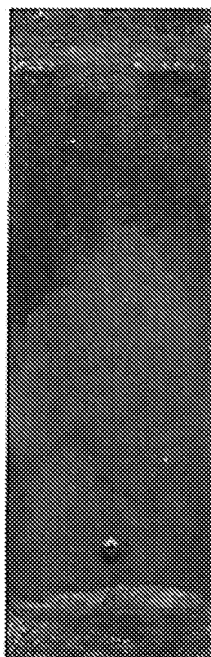


FIGURE 23A

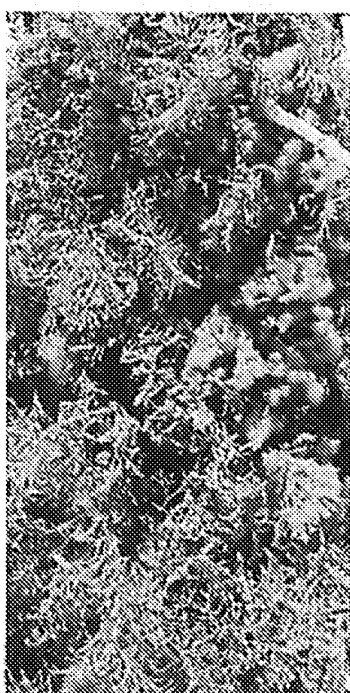


FIGURE 23B

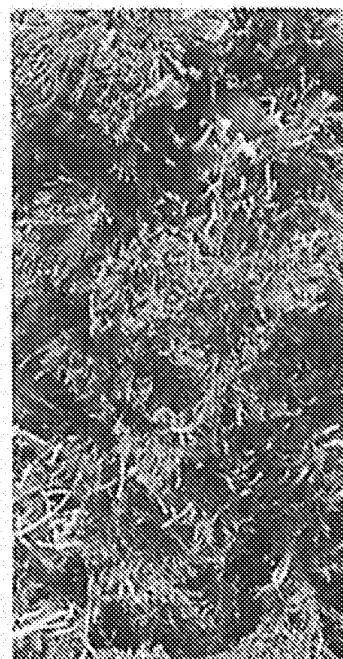


FIGURE 23C

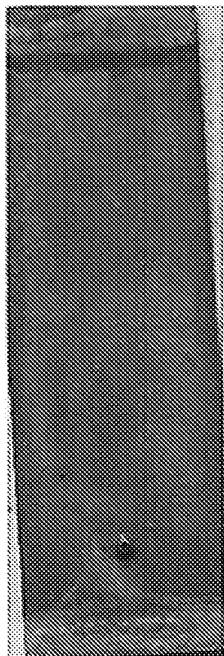


FIGURE 23D



FIGURE 23E

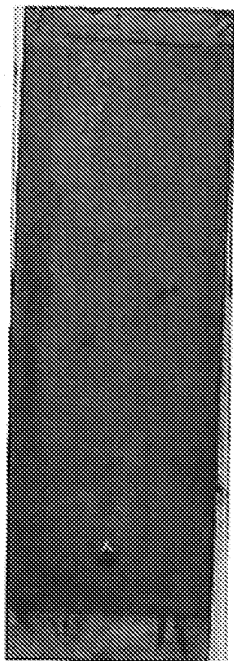


FIGURE 23F



FIGURE 23G



FIGURE 24A



FIGURE 24B

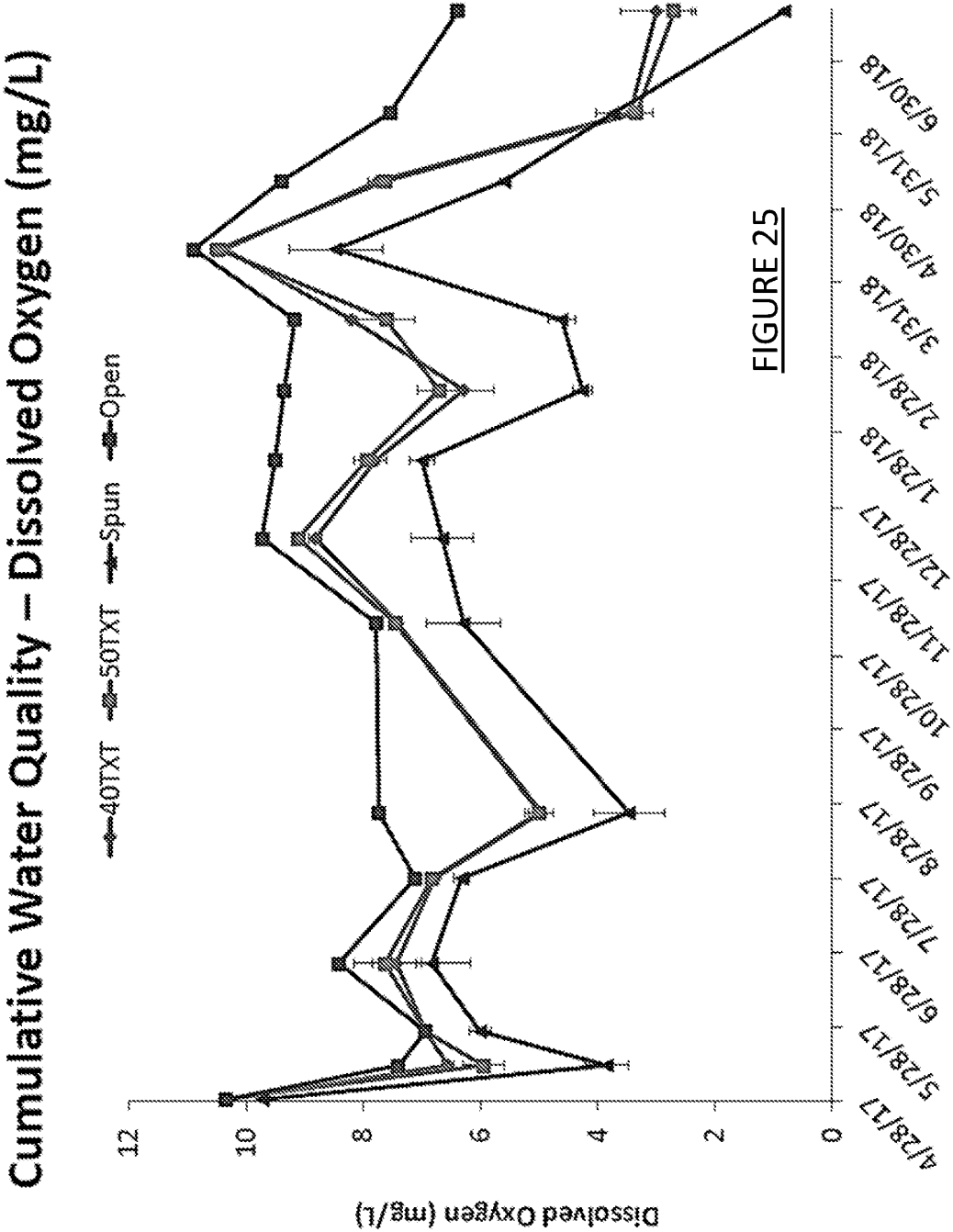


FIGURE 25

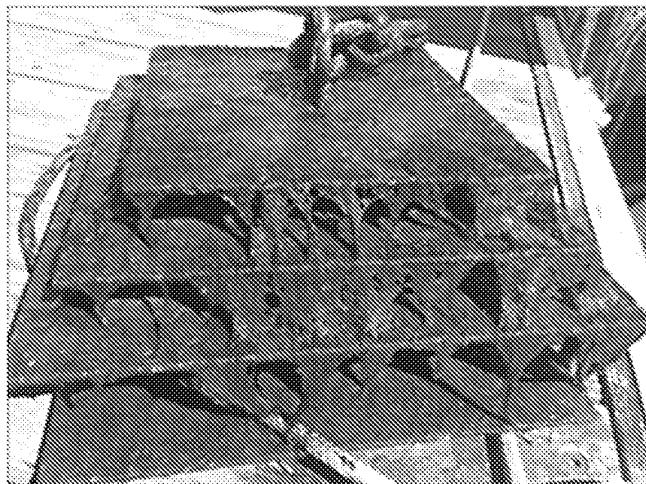


FIGURE 26A

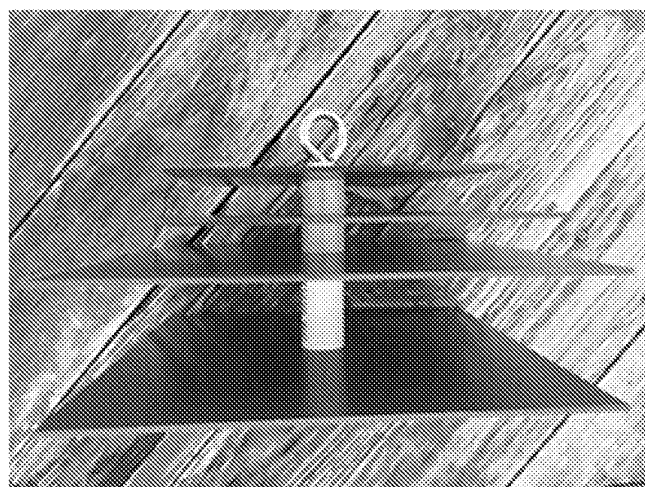


FIGURE 26B

Summary of % add on for coated pieces													
Spun Poly - Printed with EDW-452MOD 2200-2400													
Roll	Mesh/Reel/Tag	Air Knife PS/SNm	Substrate	Fabric Treatment	Location Across Fabric Width	Wt. in grams prior to coating (13x14" x width)	Wt. in grams after coating	Grams/s qm add on (223.78 1000CP)	Permeability			Yards	Pounds
									ml	Sec	m/s/cm*2		
1	60/25/50	None	Spun Poly	None	Wall	48.166	73.909	219.16	1000	24.83	2.05	35	66.5
	60/25/50	None	Spun Poly	None	Center	48.166	74.322	222.76	1000	24.7	2.06		
	60/25/50	None	Spun Poly	None	Main	48.166	74.870	227.42	1000	30.48	1.67		
	60/25/50	None	Spun Poly	None	Wall	48.166	75.497	232.76	1000	32.67	1.56		
2	60/25/50	None	Spun Poly	None	Center	48.166	76.554	241.77	1000	25.41	2.00	35	68.3
	60/25/50	None	Spun Poly	None	Main	48.166	76.715	243.14	1000	56.09	0.91		
	60/25/50	None	Spun Poly	None	Wall	48.166	75.836	235.65	1000	22.1	2.31		
	60/25/50	None	Spun Poly	None	Center	48.166	76.474	241.09	1000	23.89	2.13		
3	60/25/50	None	Spun Poly	None	Main	48.166	75.914	236.32	1000	41.1	1.24	35	67.6
	60/25/50	None	Spun Poly	None	Wall	48.166	74.075	220.65	1000	25.89	1.97		
	60/25/50	None	Spun Poly	None	Center	48.166	75.121	229.56	1000	24.21	2.10		
	60/25/50	None	Spun Poly	None	Main	48.166	74.426	223.64	1000	32.12	1.59		
4	60/25/50	None	Spun Poly	None	Center	48.166	75.121	229.56	1000	24.21	2.10	15	28.9
	60/25/50	None	Spun Poly	None	Main	48.166	74.426	223.64	1000	32.12	1.59		
	60/25/50	None	Spun Poly	None	Wall	48.166	74.075	220.65	1000	25.89	1.97		
	60/25/50	None	Spun Poly	None	Center	48.166	75.121	229.56	1000	24.21	2.10		

FIGURE 27A

Summary of % add on for coated pieces													
Spun Poly - Printed with EDW-152MOD 2200-2400													
Roll	Mesh/Reel/Tag	Air Knife PSUShim	Substrate	Fabric Treatment	Location Across Fabric Width	Wt. in grams prior to coating (13W's watch)	Wt. in grams after coating	Grams/s q m add on (223.78 1000cP)	Permeability			Yards	Pounds
									mi	Sec	m/s/cm^2		
5	60/25/50	80/003*	Spun Poly	None	Wall	48.166	73.546	216.15	1000	12.83	3.97	35	66
	60/25/50	80/003*	Spun Poly	None	Center	48.166	75.110	229.47	1000	18.88	2.70		
	60/25/50	80/003*	Spun Poly	None	Main	48.166	74.271	222.32	1000	41.64	1.22		
6	60/25/50	80/003*	Spun Poly	None	Wall	48.166	73.414	215.02	1000	13.95	3.65	35	65.8
	60/25/50	80/003*	Spun Poly	None	Center	48.166	73.916	219.30	1000	26.35	2.01		
	60/25/50	80/003*	Spun Poly	None	Main	48.166	73.481	215.60	1000	18.4	2.77		
7	60/25/50	80/003*	Spun Poly	None	Wall	48.166	72.919	210.81	1000	16.89	3.02	35	66.2
	60/25/50	80/003*	Spun Poly	None	Center	48.166	73.861	218.83	1000	20.39	2.50		
	60/25/50	80/003*	Spun Poly	None	Main	48.166	73.486	215.64	1000	33.85	1.50		
8	60/25/50	80/003*	Spun Poly	None	Wall	48.166	71.926	202.35	1000	18.83	2.71	25	65.7
	60/25/50	80/003*	Spun Poly	None	Center	48.166	72.850	210.22	1000	26.57	1.92		
	60/25/50	80/003*	Spun Poly	None	Main	48.166	72.841	210.14	1000	41.78	1.22		
9	60/25/50	80/003*	Spun Poly	None	Wall	48.166	72.534	207.53	1000	15.73	3.24	35	65
	60/25/50	80/003*	Spun Poly	None	Center	48.166	73.725	217.67	1000	27.27	1.87		
	60/25/50	80/003*	Spun Poly	None	Main	48.166	73.479	215.58	1000	32.16	1.58		
10	60/25/50	80/003*	Spun Poly	None	Wall	48.166	75.411	232.03	1000	44.95	1.13	16.4	31.9
	60/25/50	80/003*	Spun Poly	None	Center	48.166	77.160	246.93	1000	39.87	1.28		
	60/25/50	80/003*	Spun Poly	None	Main	48.166	76.225	238.96	1000	45.76	1.11		
								Midpoint					
								1000cP	223.78			2.5	
Weight of uncoated fabric is 410 grams/sqm													

FIGURE 27B

BIOCIDE Release Rate

---Spun 14 ---Spun 28 ---Spun 34 ---Spun 40 ---Spun 49
---Text 14 ---Text 28 ---Text 34 ---Text 40 ---Text 49

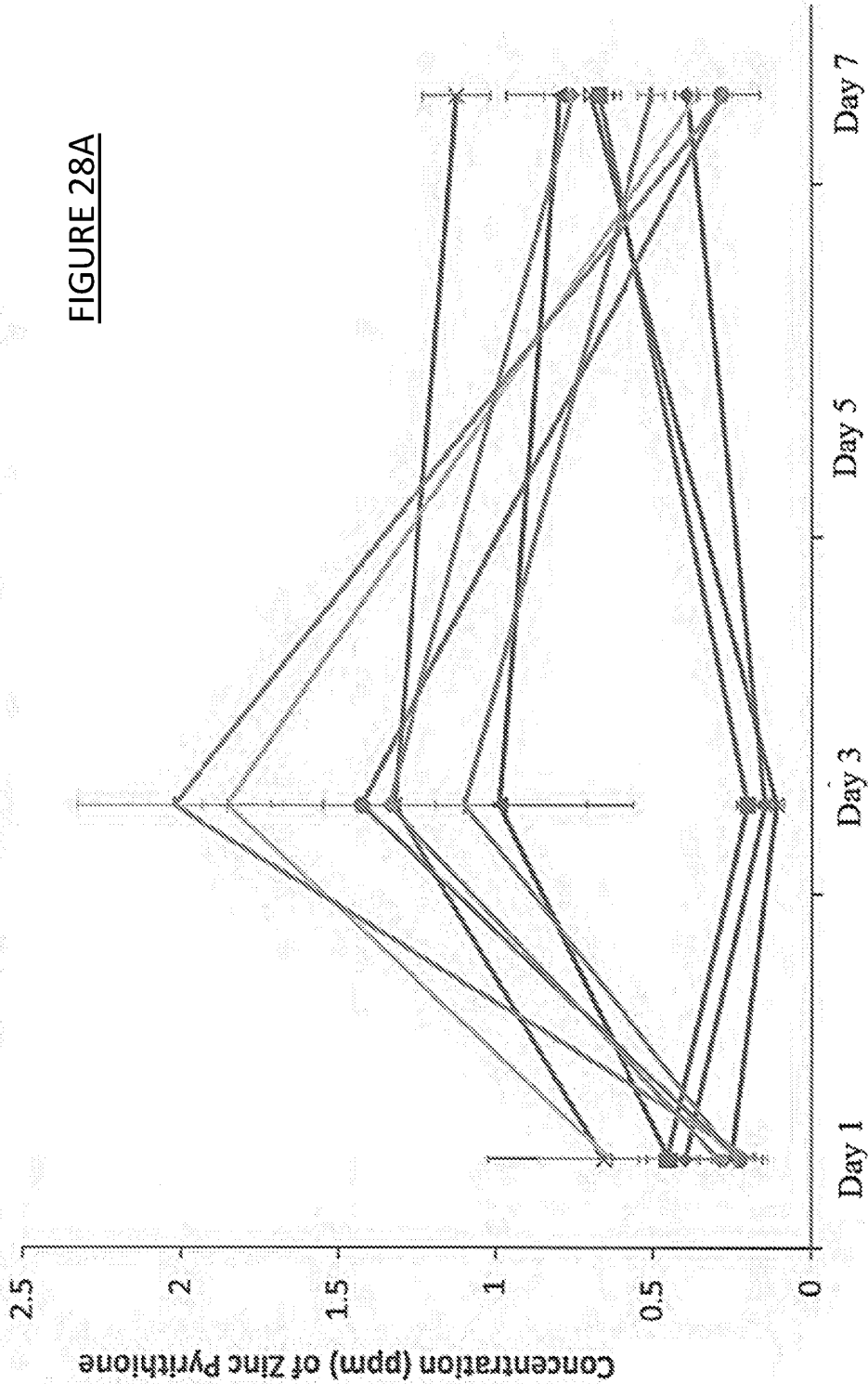


FIGURE 28A

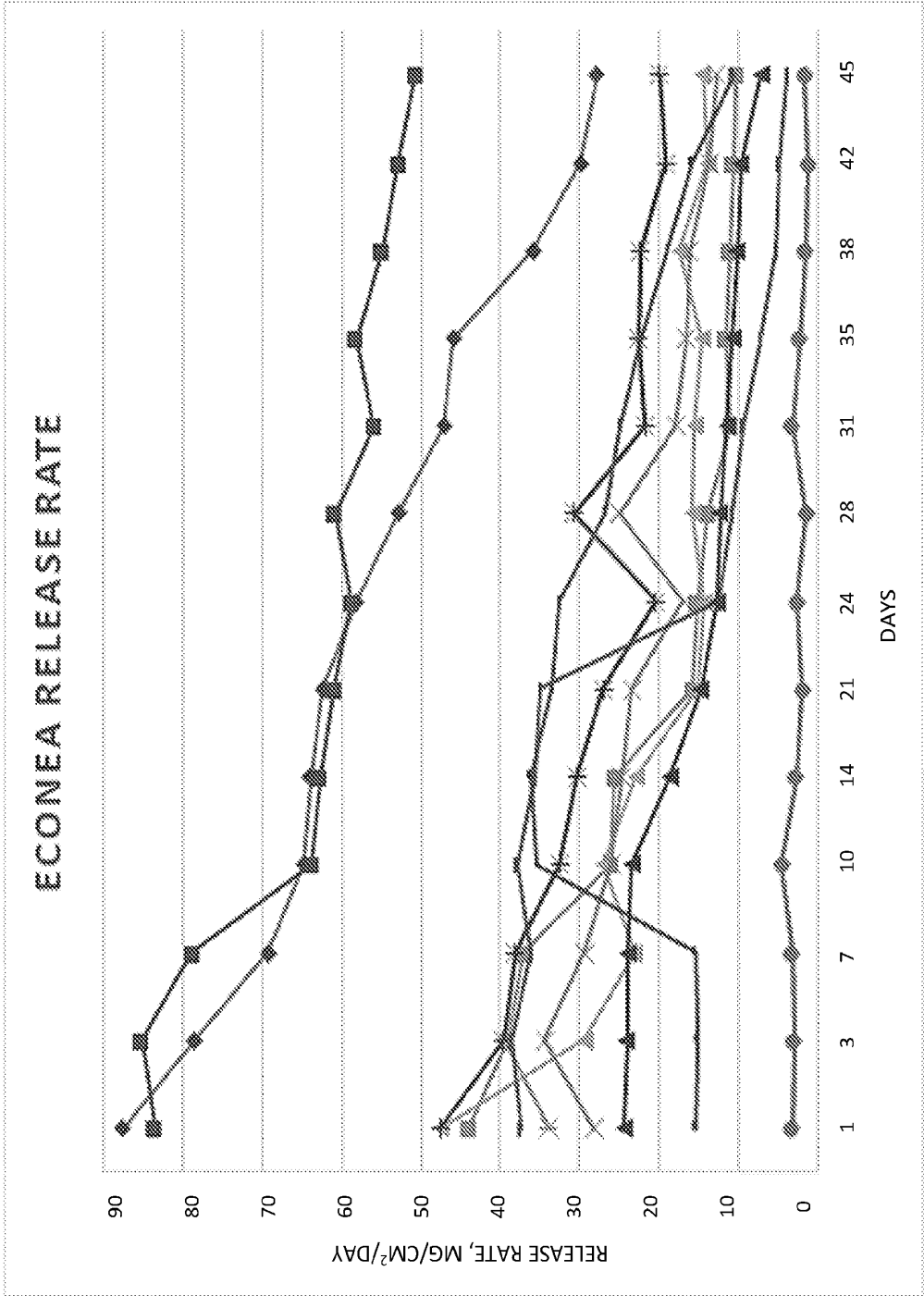


FIGURE 28B

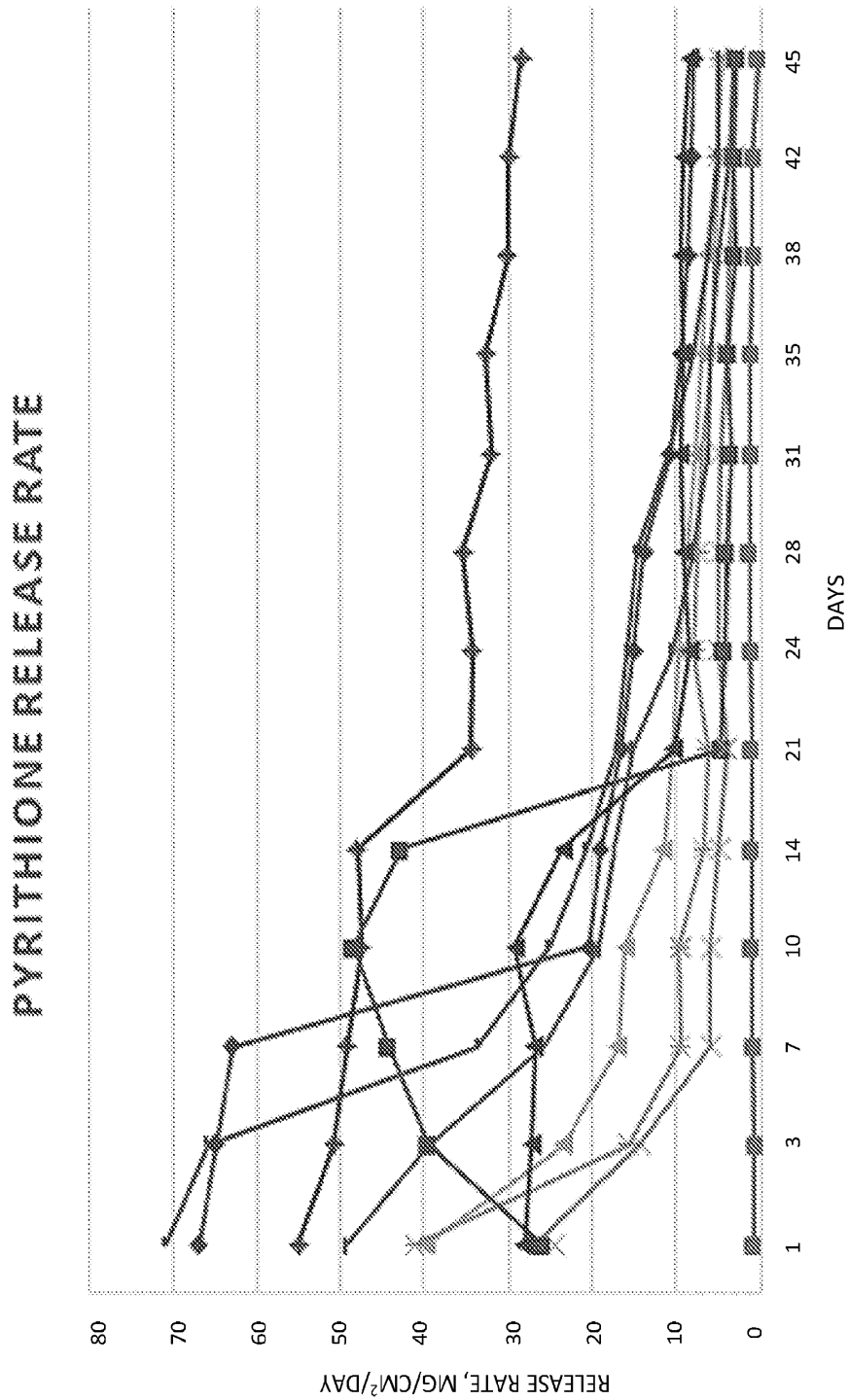


FIGURE 28C

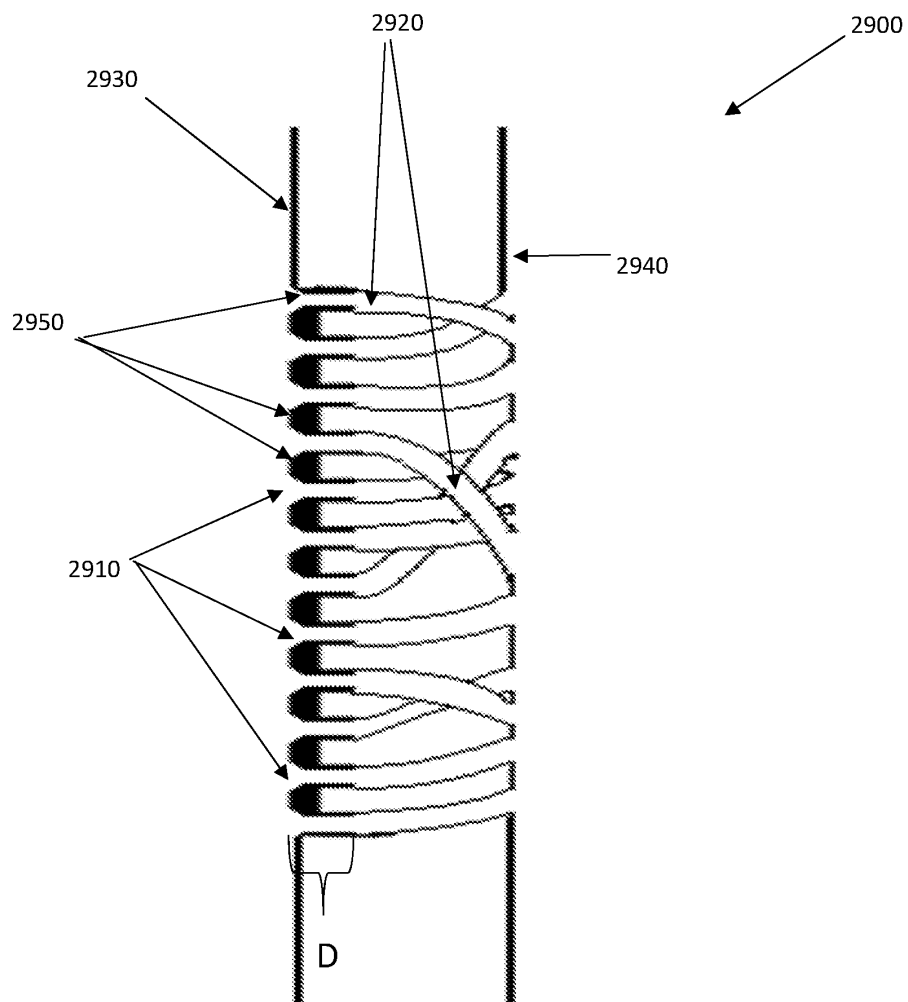


FIGURE 29

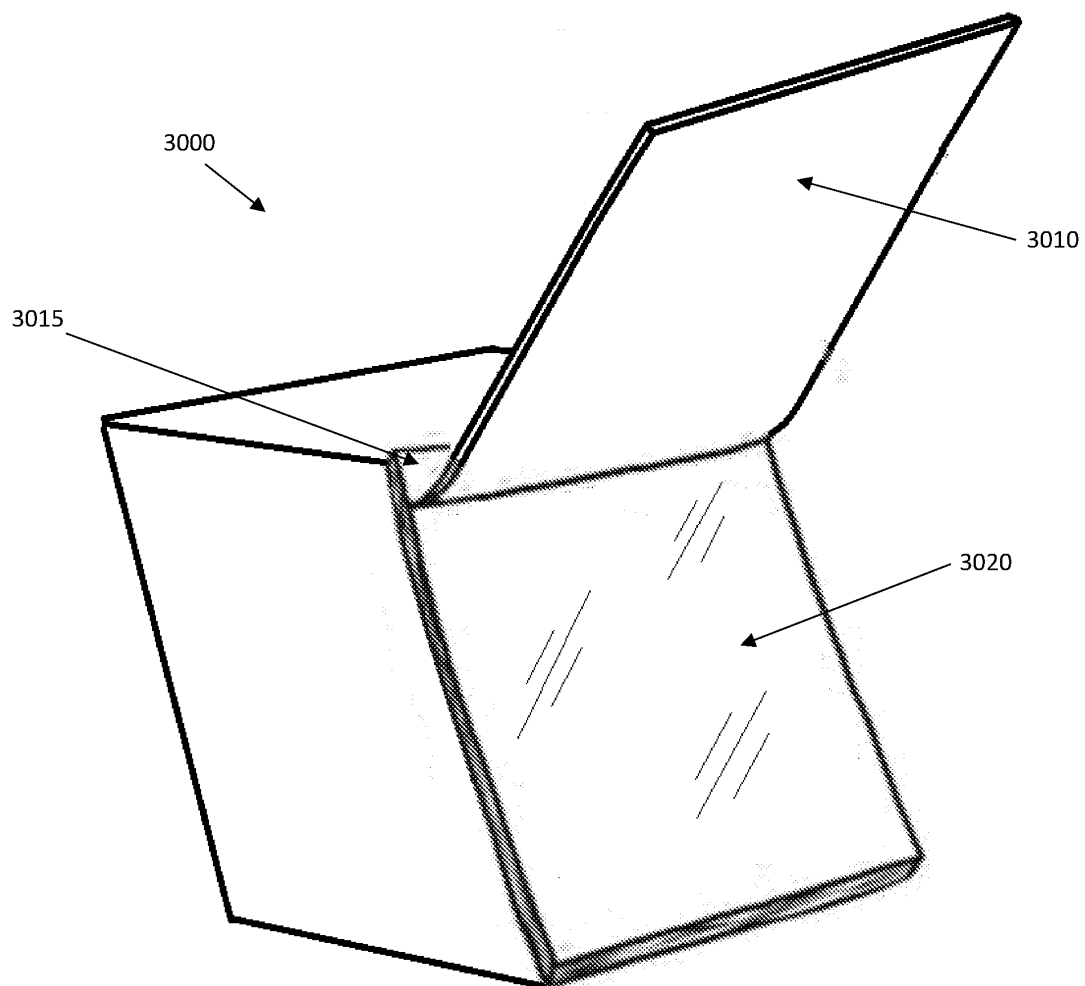


FIGURE 30

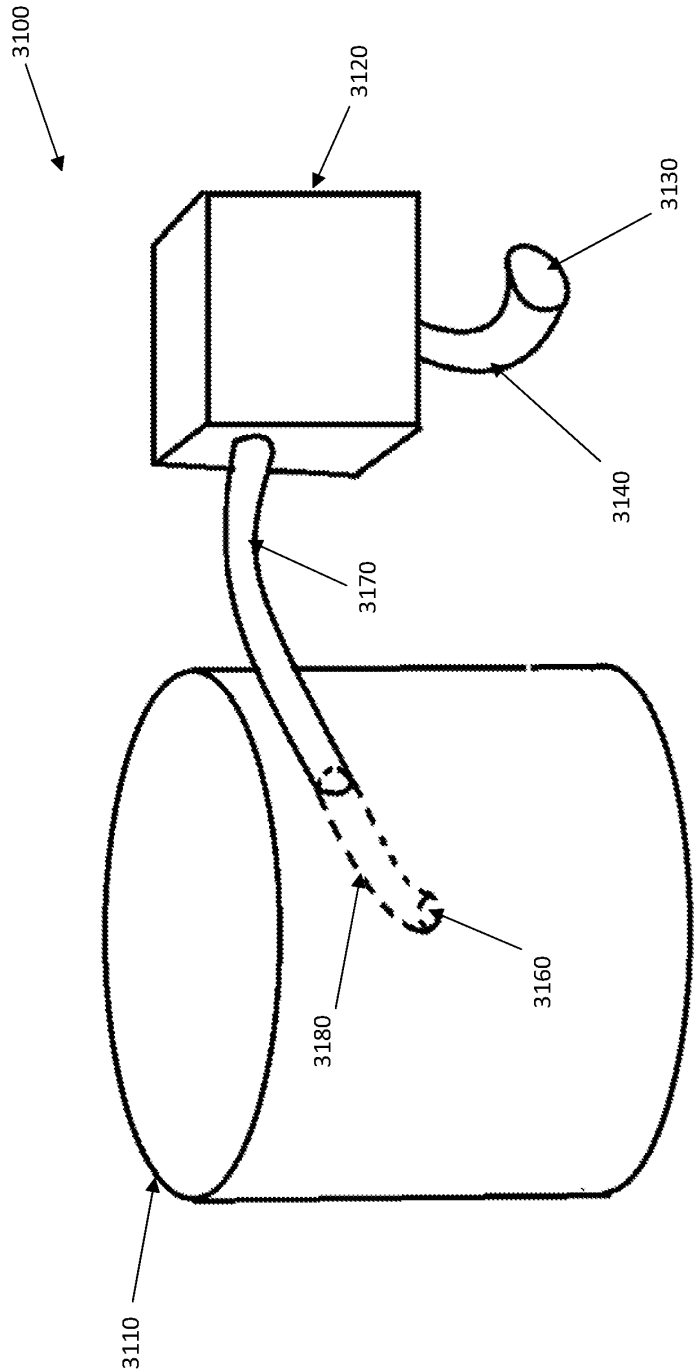


FIGURE 31