

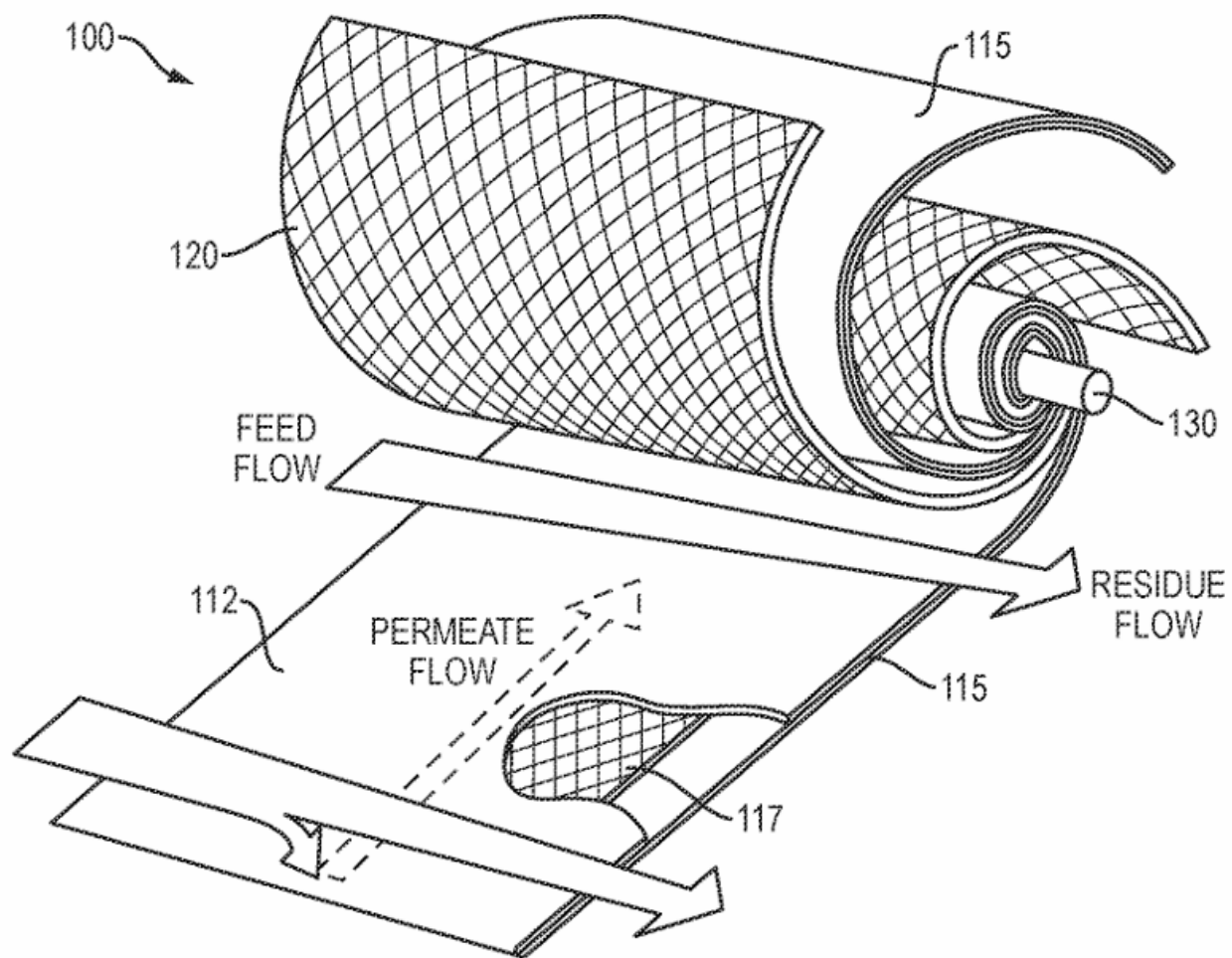


FIG. 1

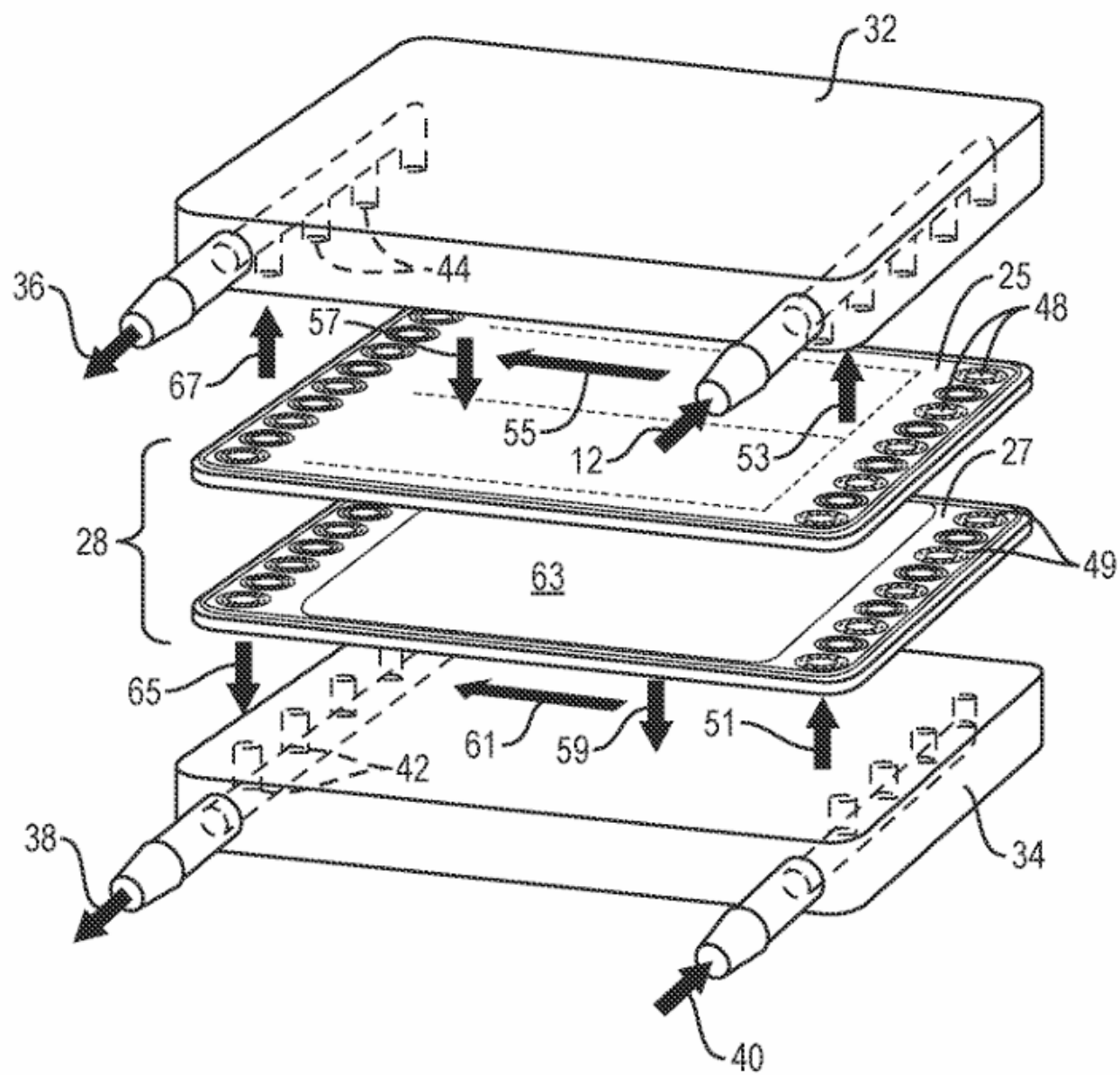


FIG. 2

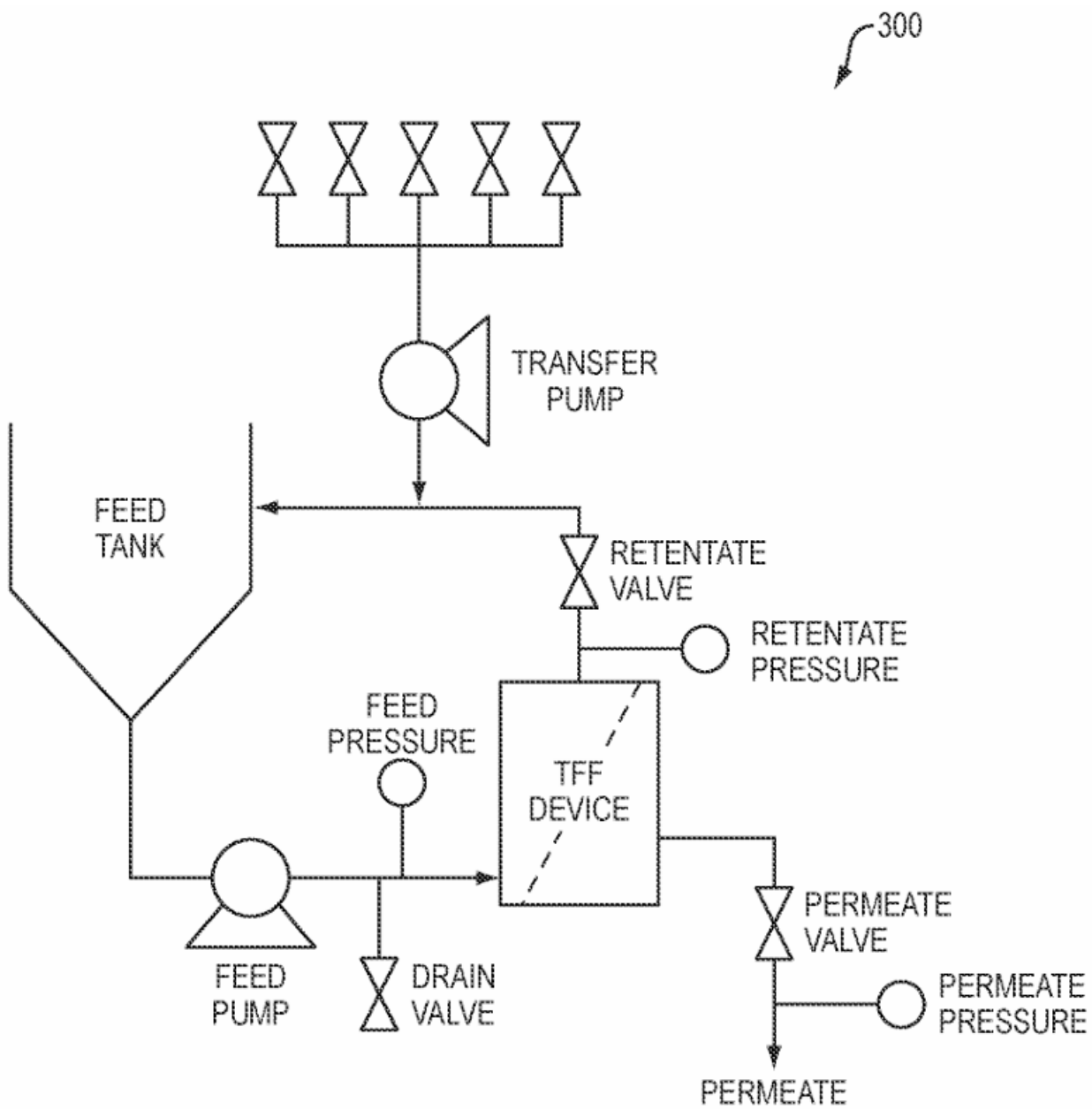


FIG. 3

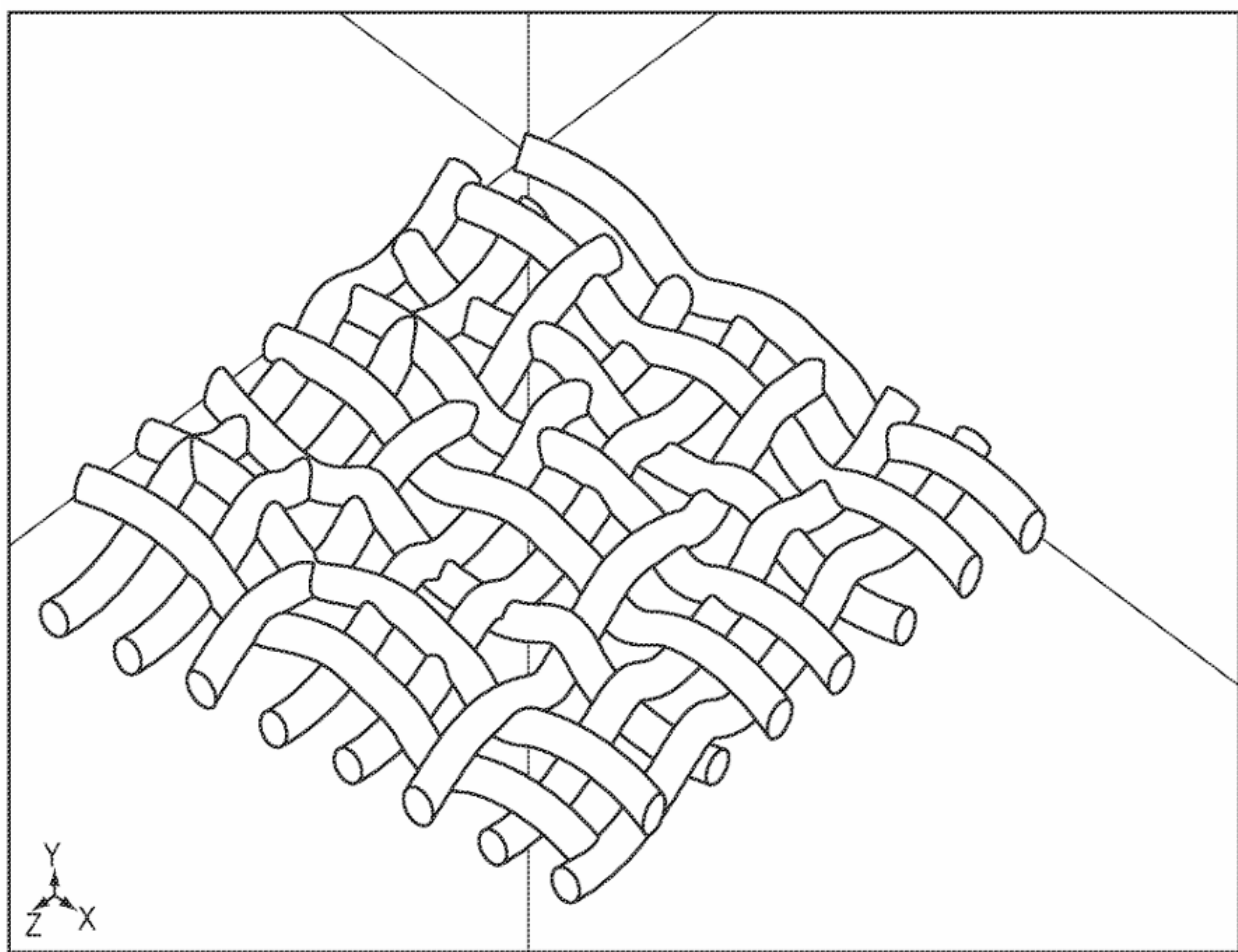


FIG. 4A

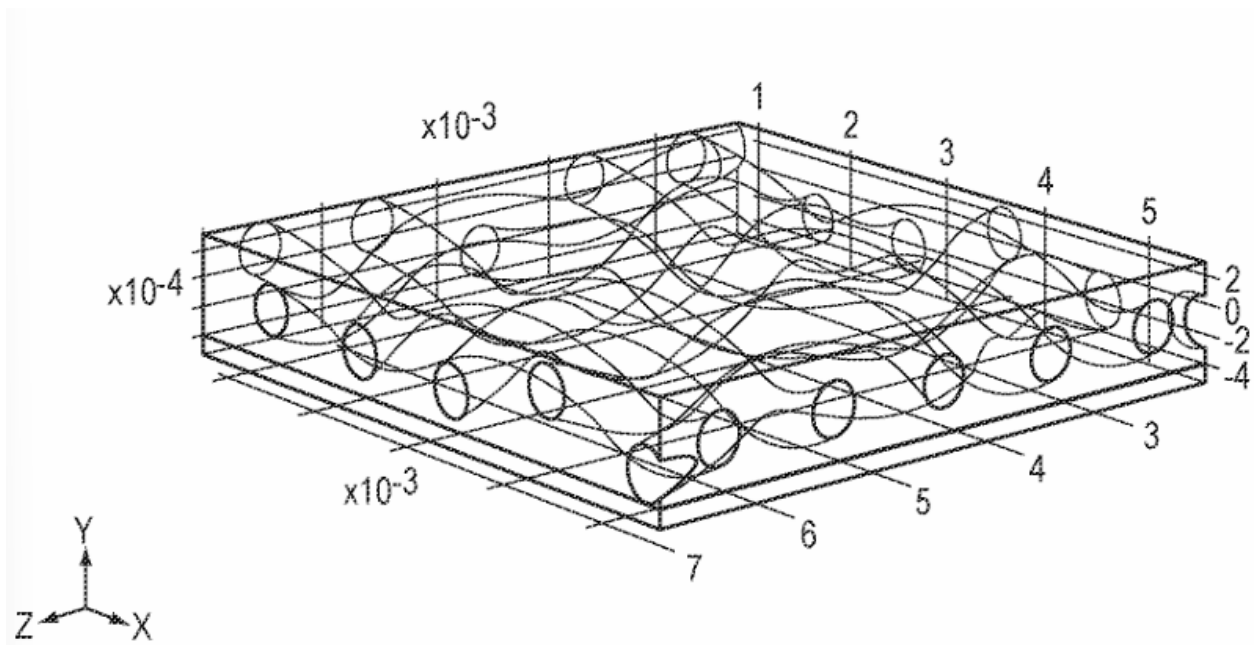


FIG. 4B

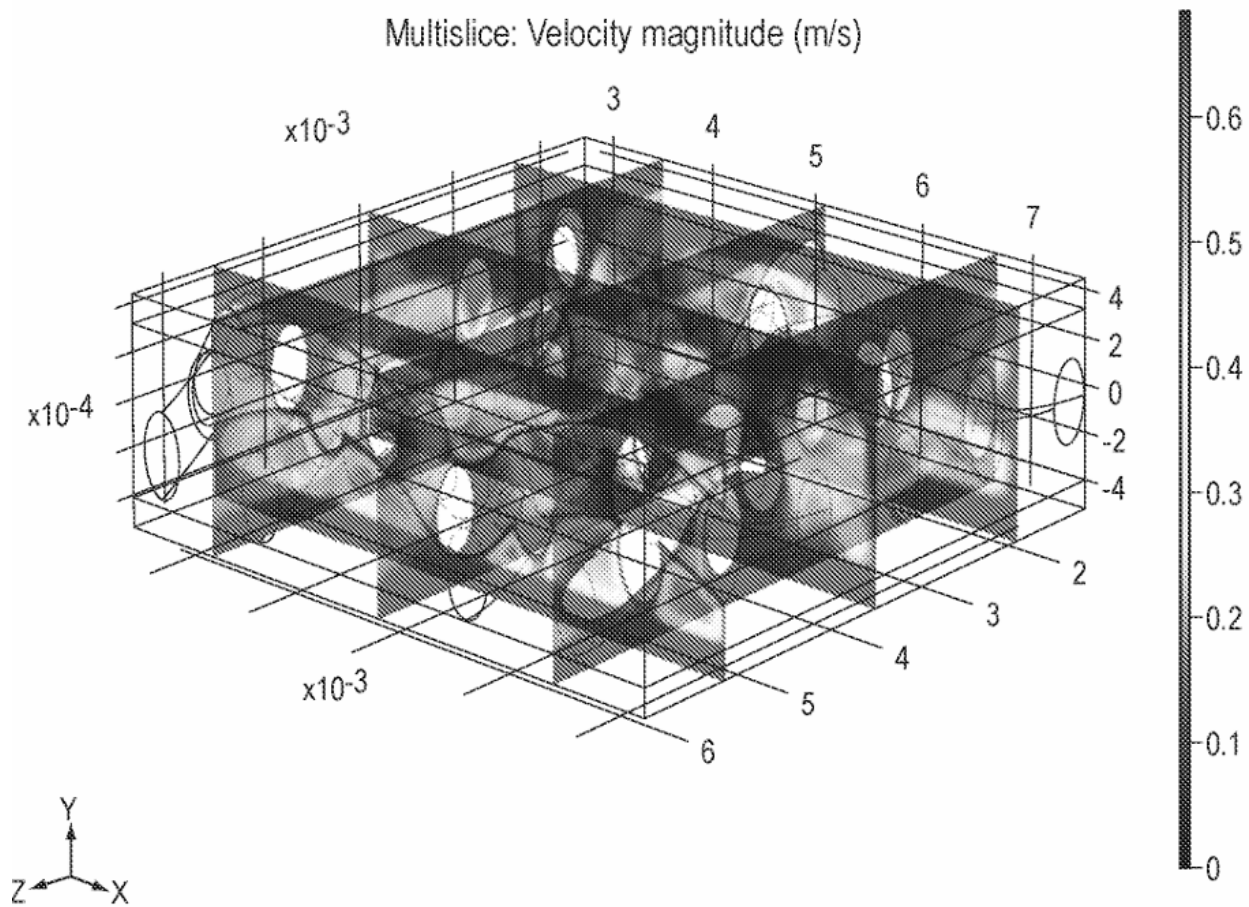


FIG. 4C

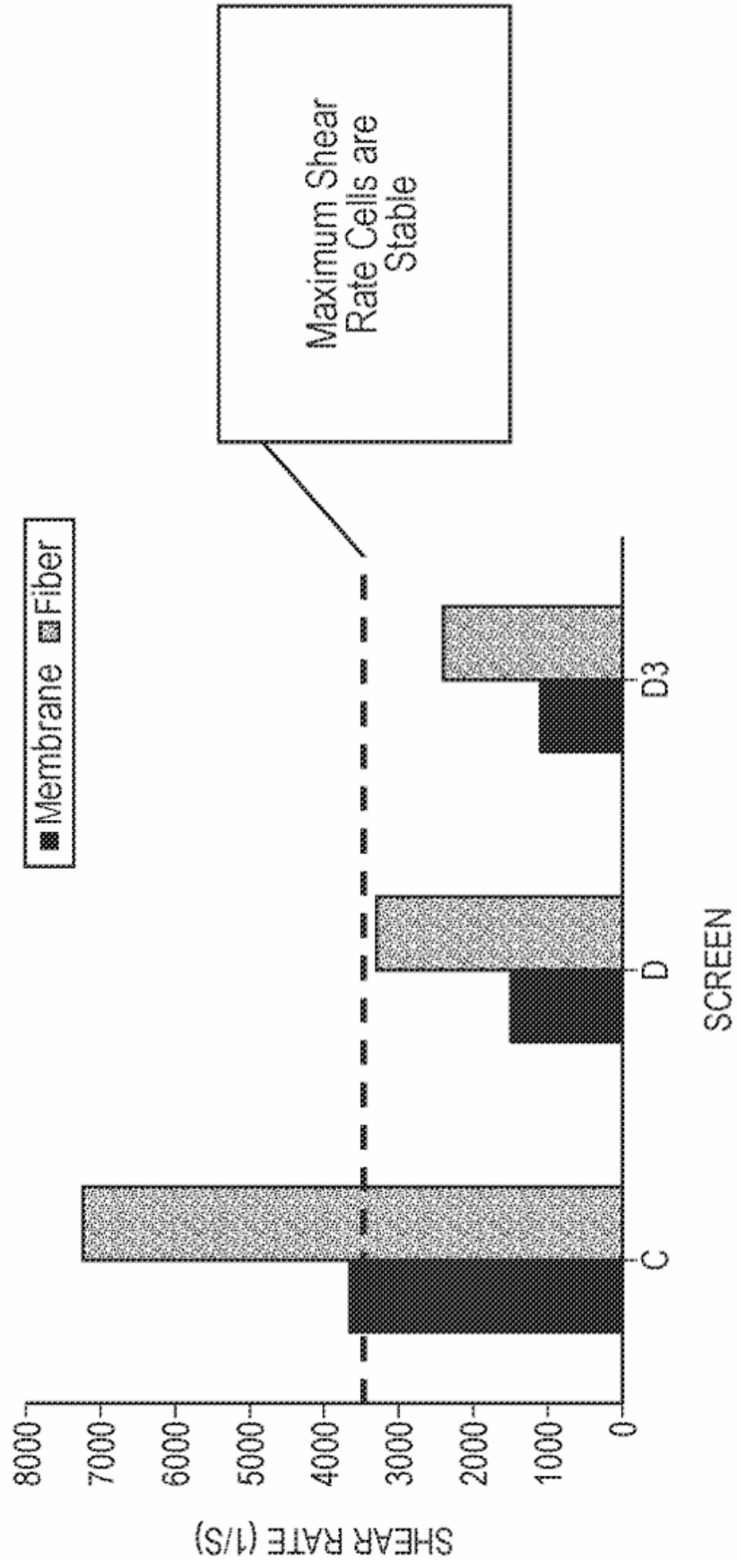


FIG. 5

	Experimental Results				Model Results				
Screen	Feed Flow (ml/min)	Ret. Flow (ml/min)	Perm Flow (ml/min)	Feed Press (psi)	Ret Press (psi)	Perm Press (psi)	Calculated Feed Pressure	Error (%)	
D3	11	10	1	4.51	4.22	3.2	4.63	2.6	
	30.5	30	0.5	4.51	3.93	3.49	4.61	2.2	
	50.7	50	0.7	4.66	3.35	3.06	4.689	0.6	
	102.4	100	2.4	9.46	6.26	3.93	9.462	0.02	
D	11.1	10	1.1	4.51	4.08	3.2	4.53	0.4	
	61.3	60	1.3	6.4	3.93	3.06	6.25	-2.3	
	105.9	100	5.9	10.19	5.53	2.91	10.518	3.2	

FIG. 6

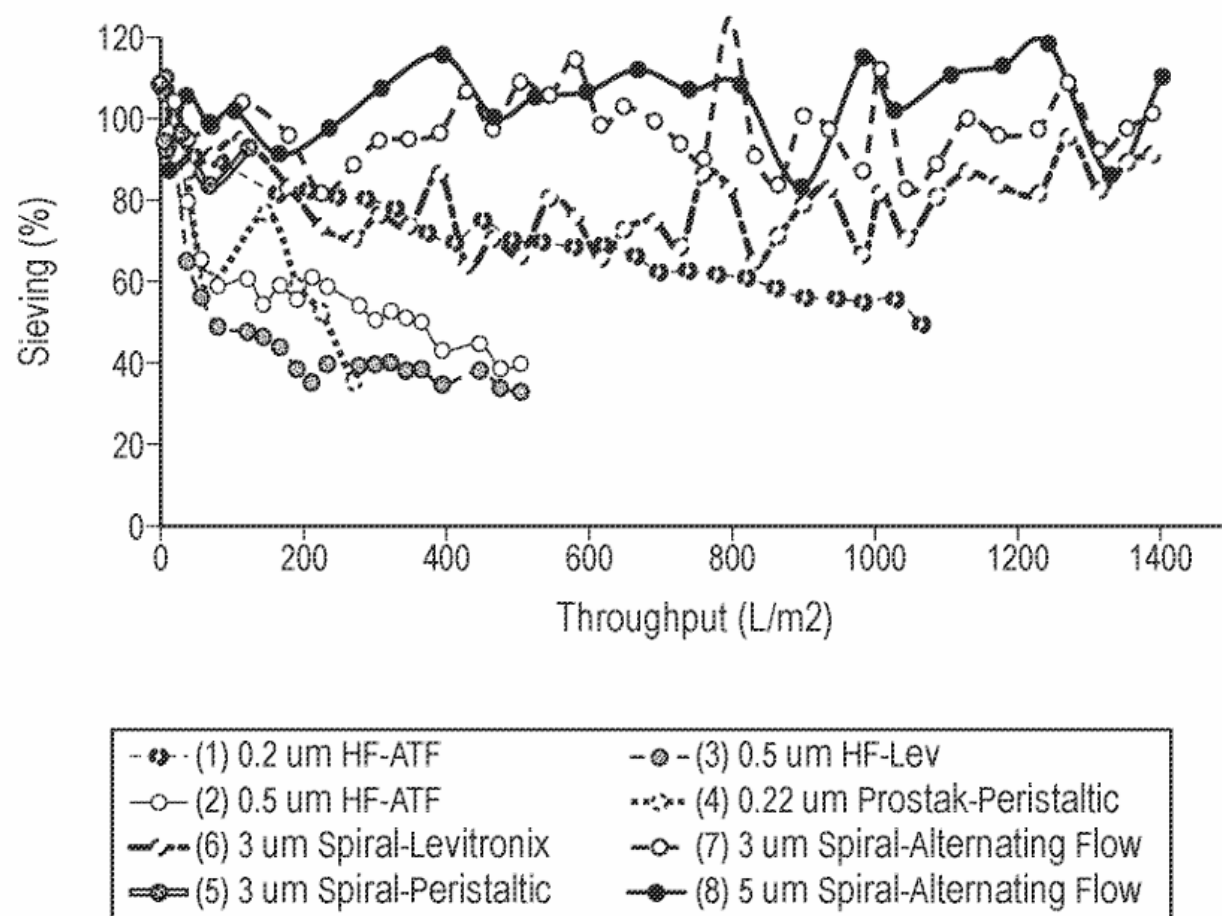


FIG. 7

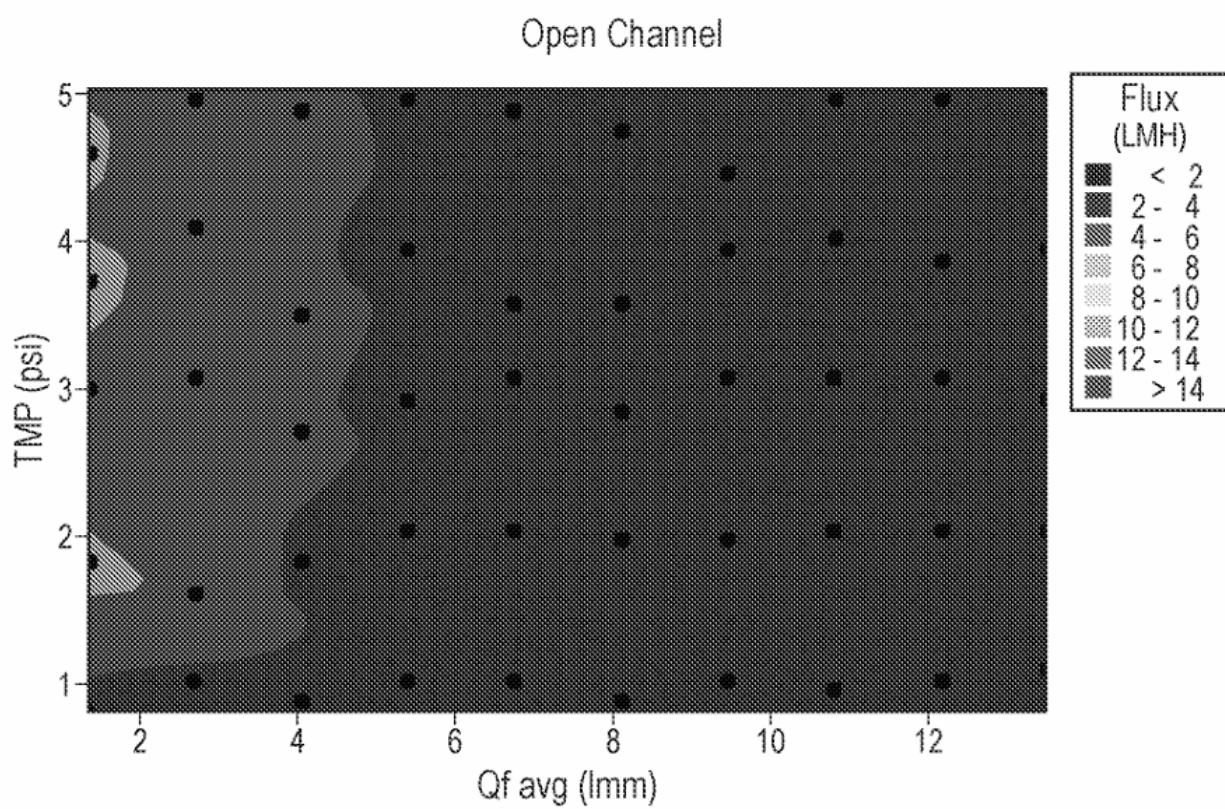


FIG. 8A

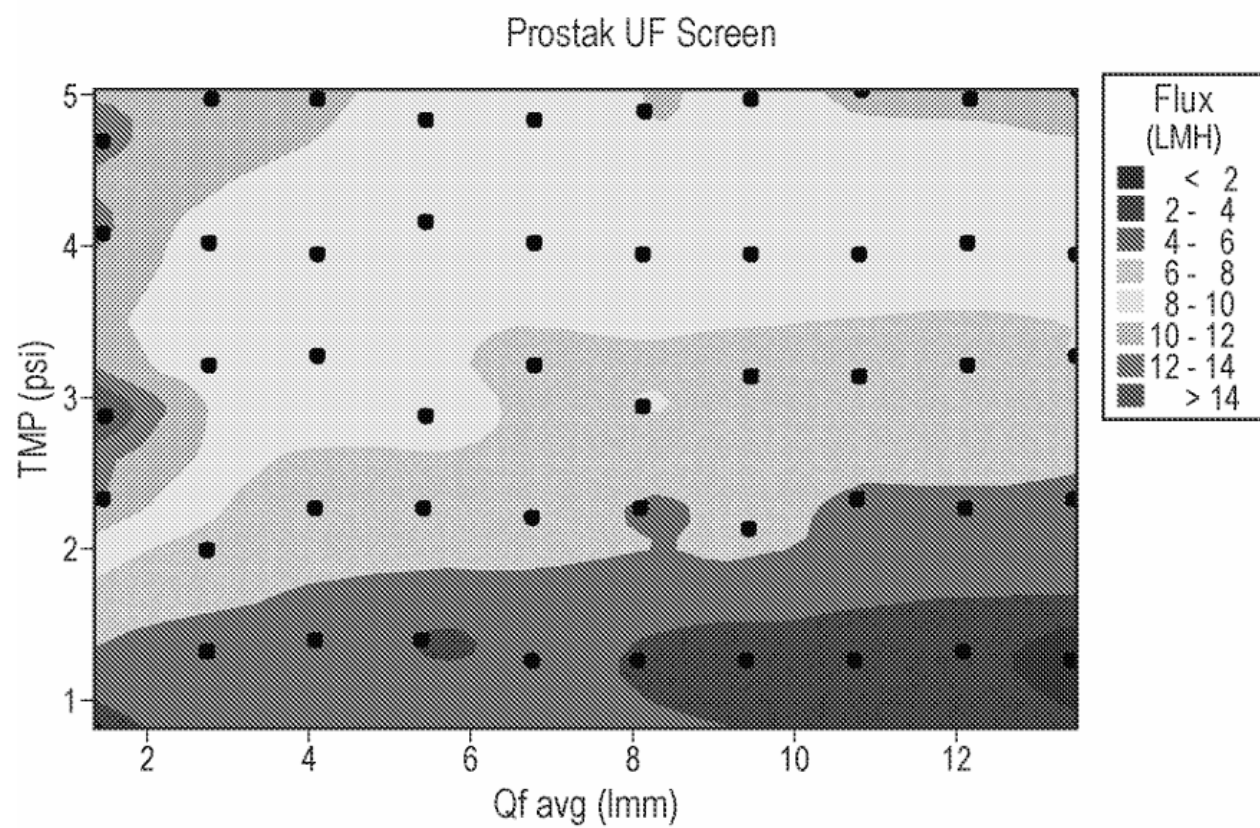


FIG. 8B

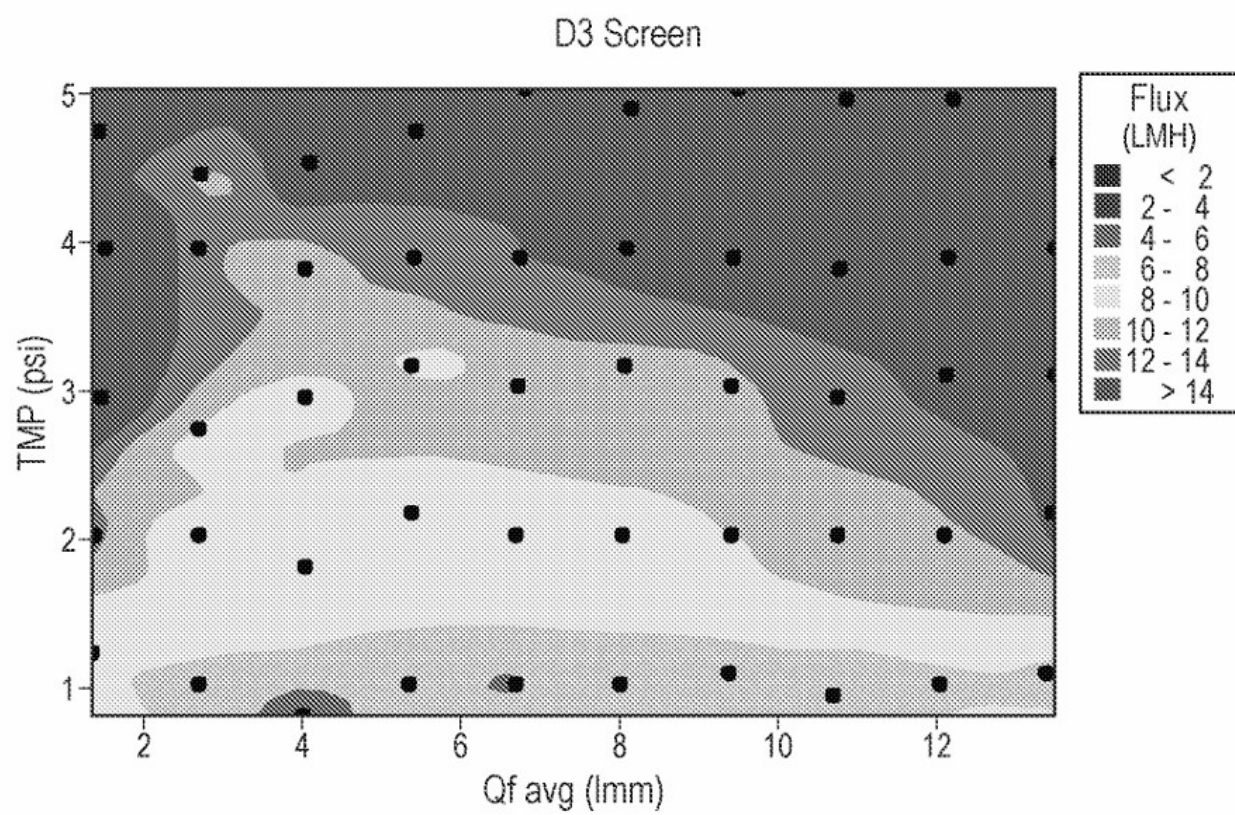


FIG. 8C

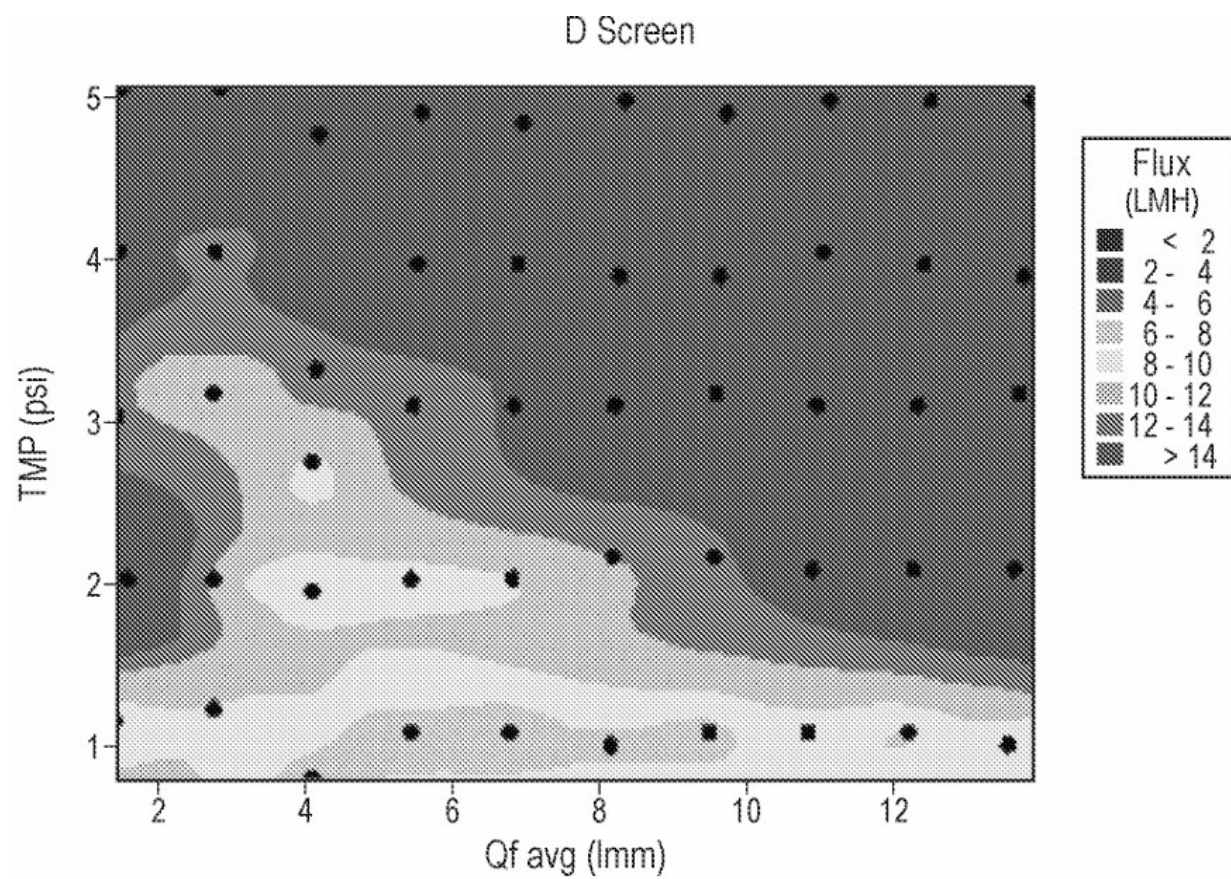


FIG. 8D

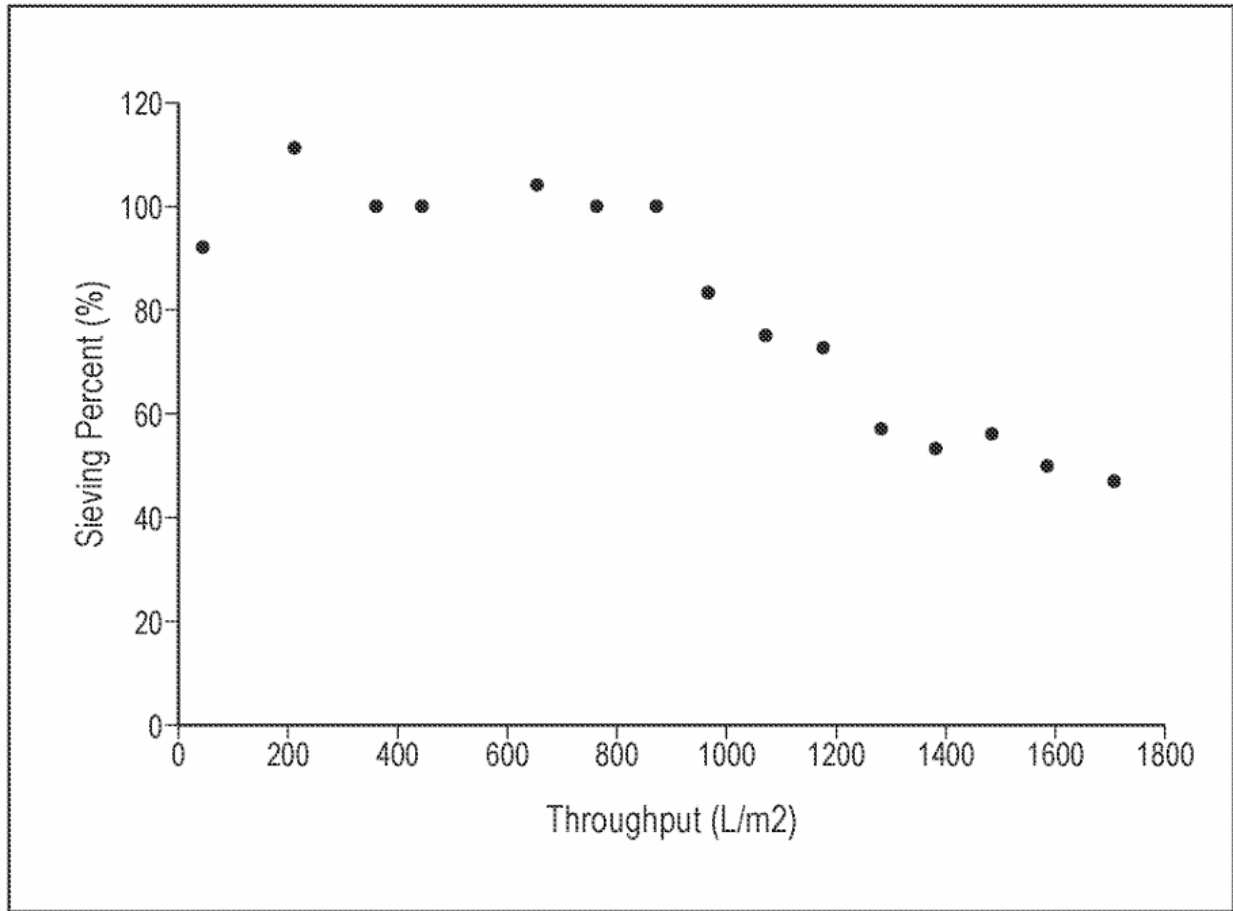


FIG. 9

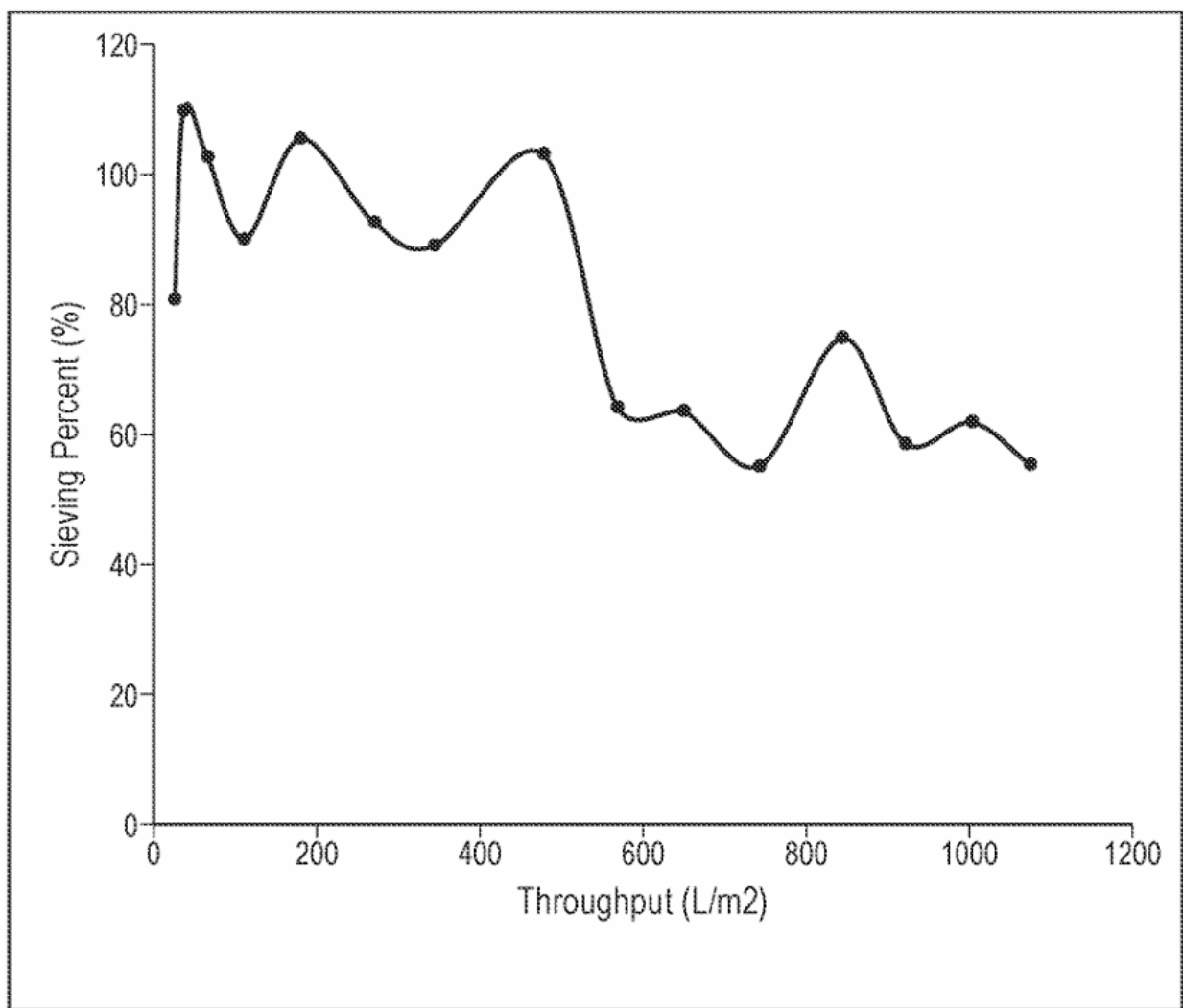


FIG. 10