

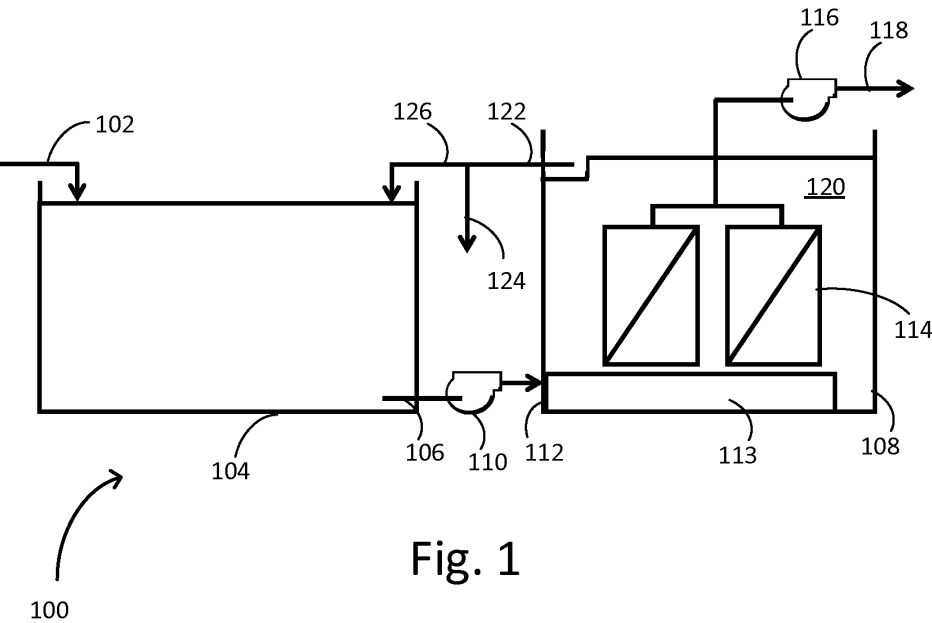


Fig. 1

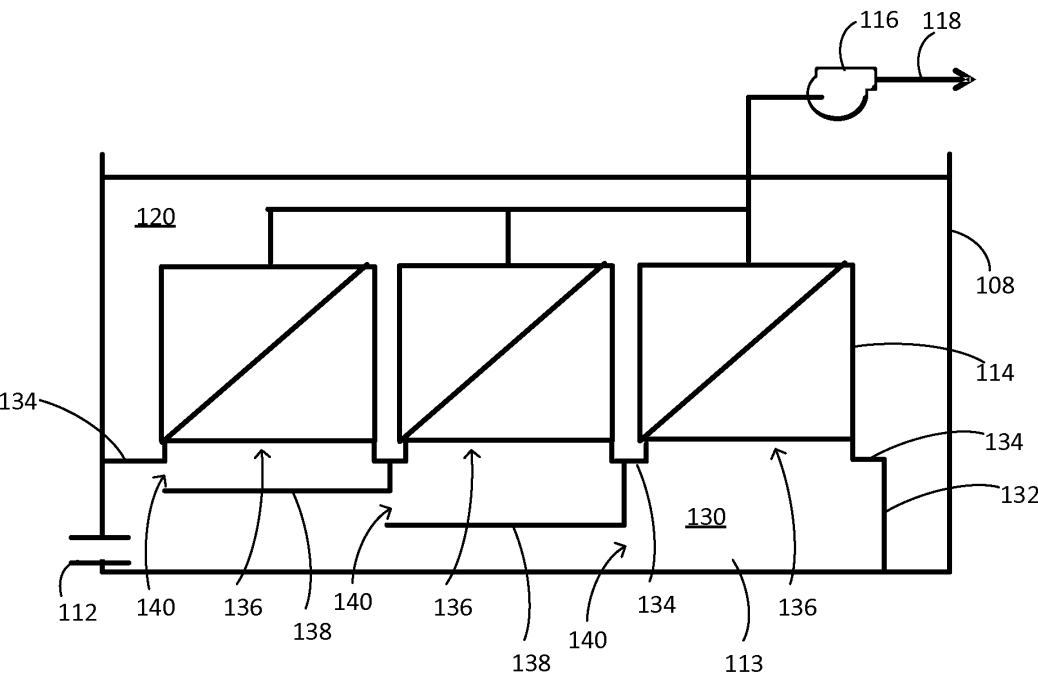


Fig. 2

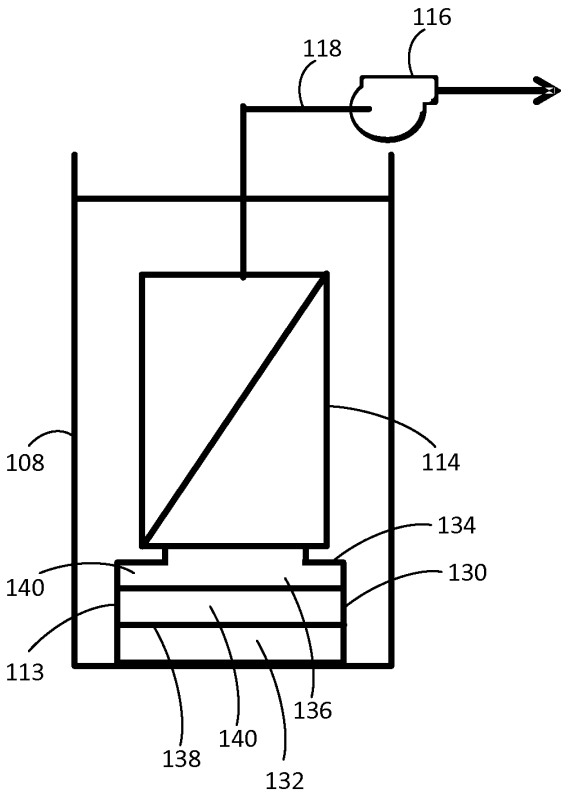


Fig. 3

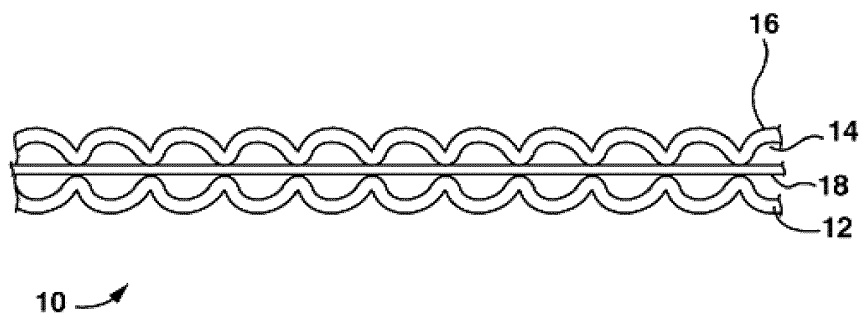


Fig. 4

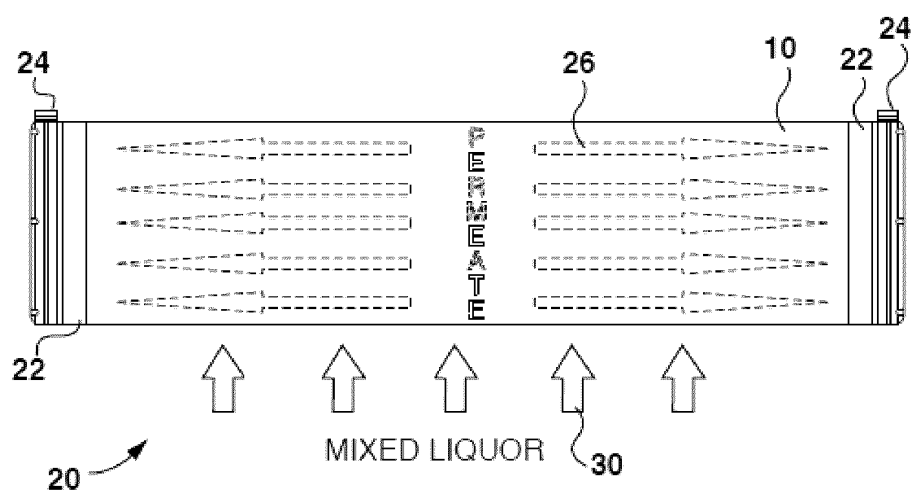


Fig. 5

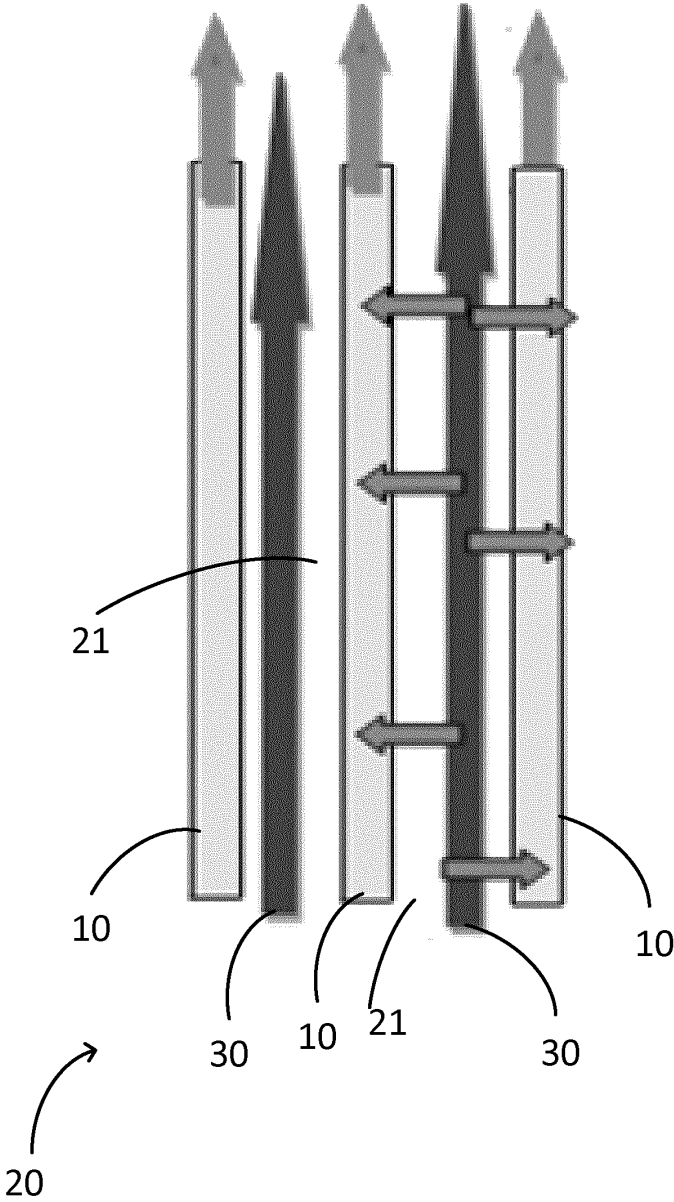


Fig. 6

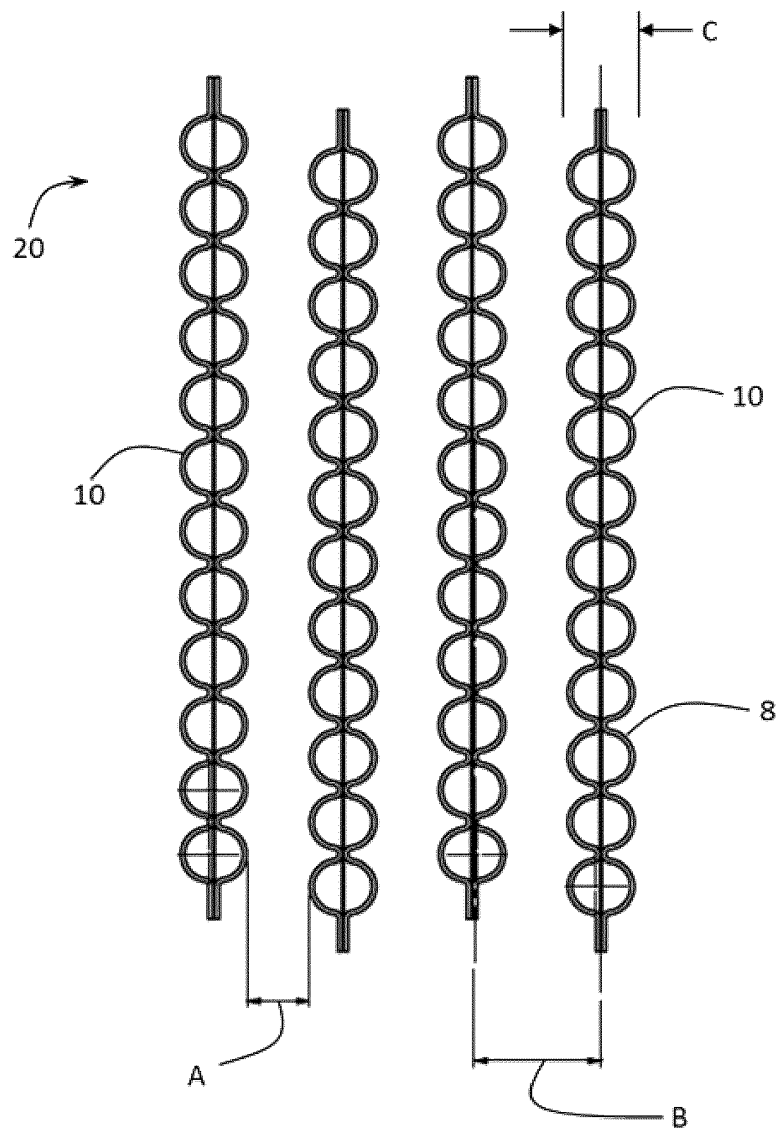


Fig. 7

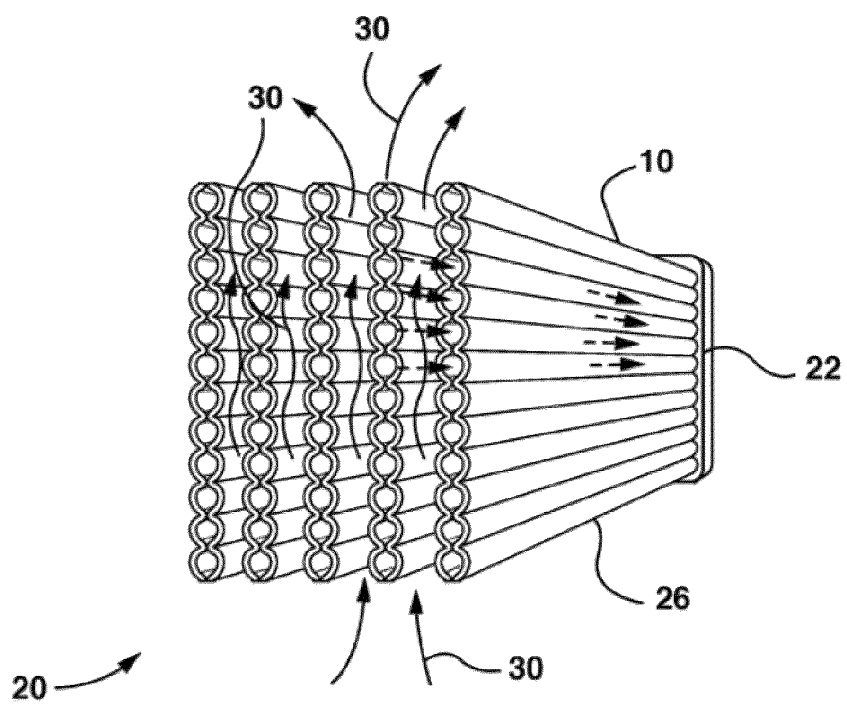


Fig. 8

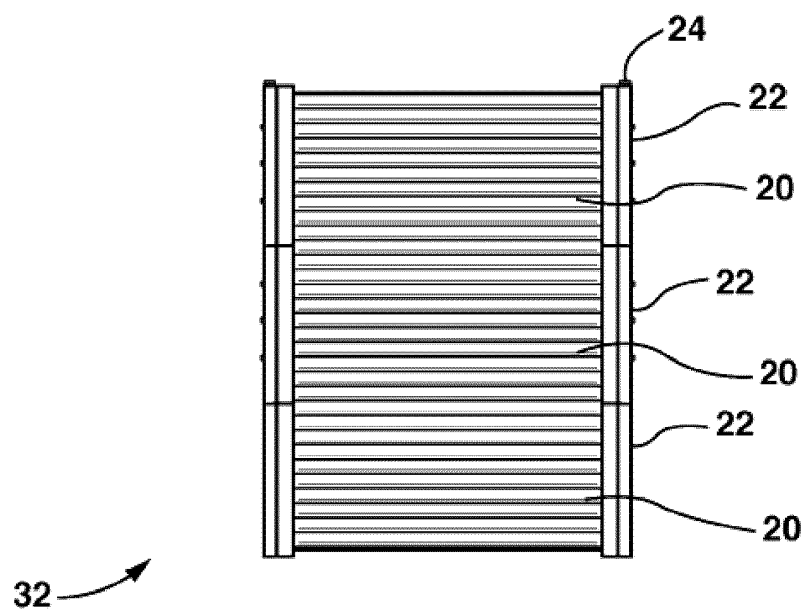


Fig. 9

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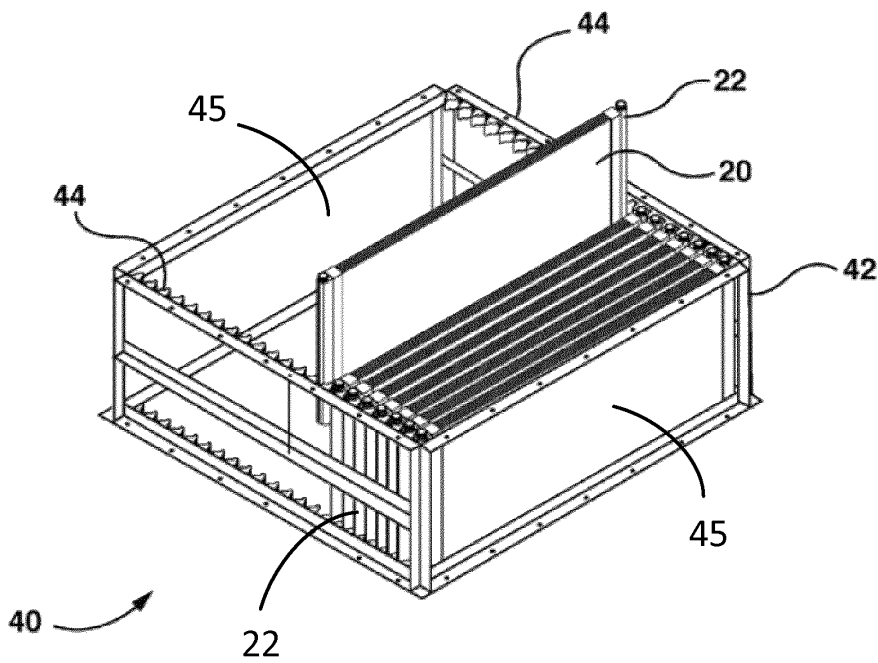


Fig. 10

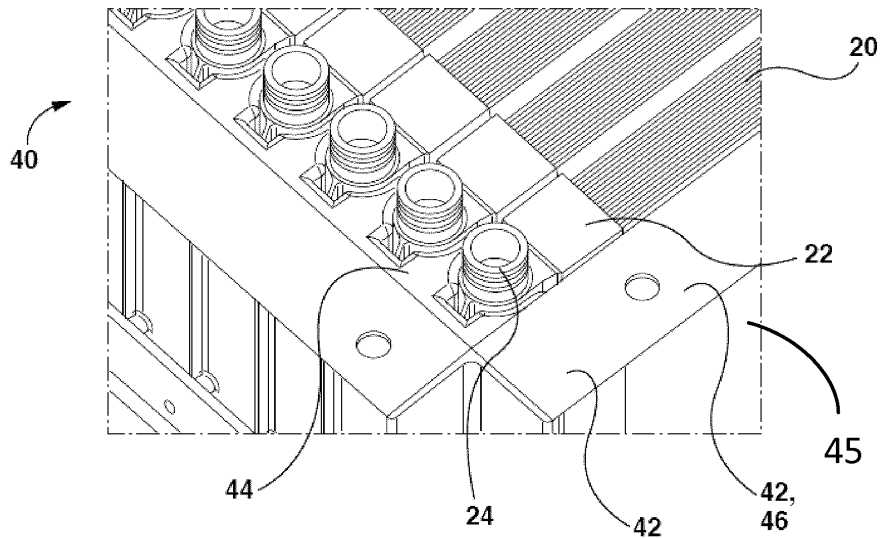


Fig. 11

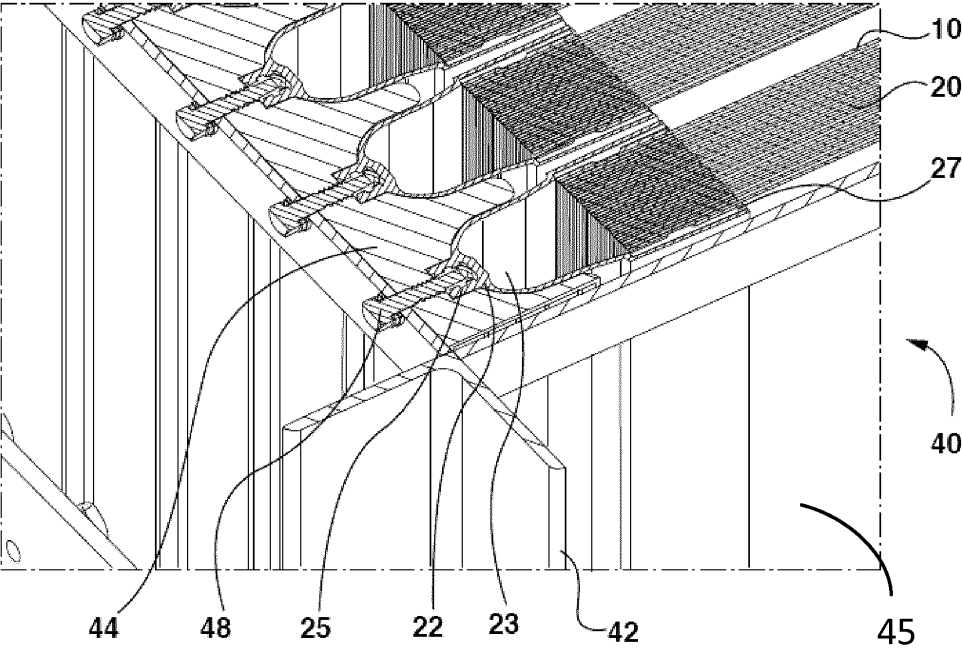


Fig. 12

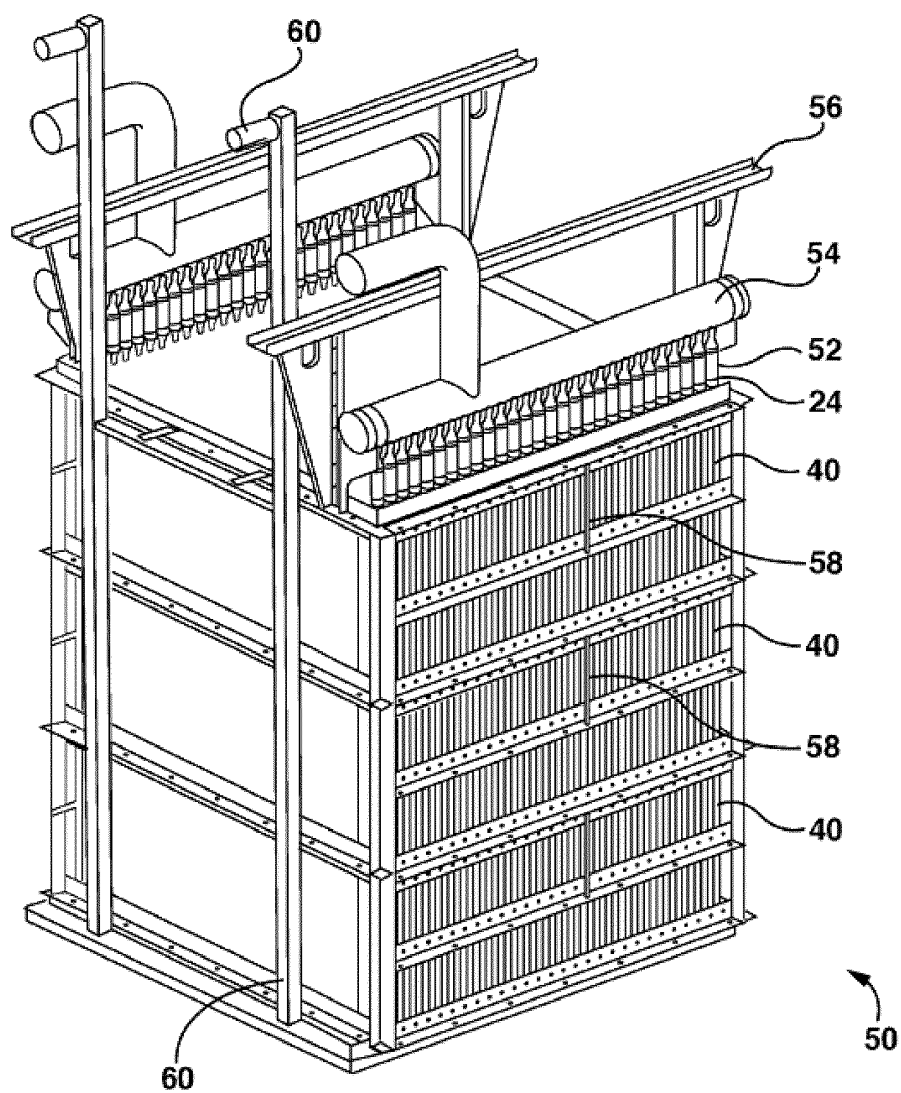


Fig. 13

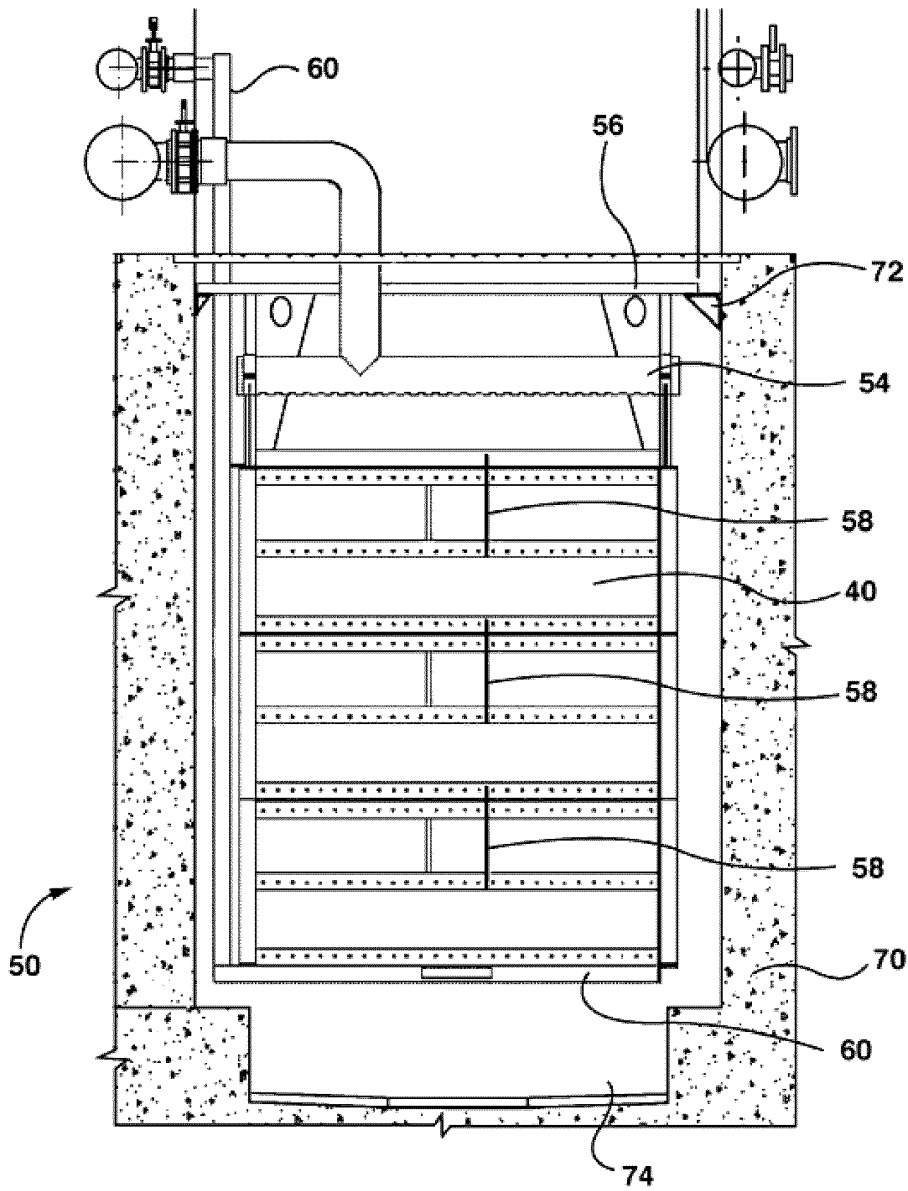
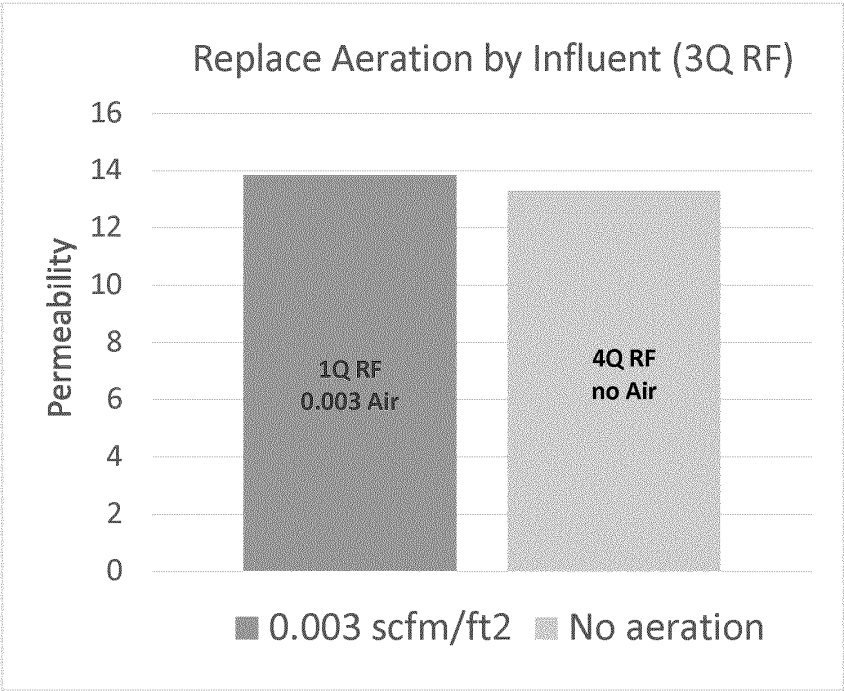


Fig. 14

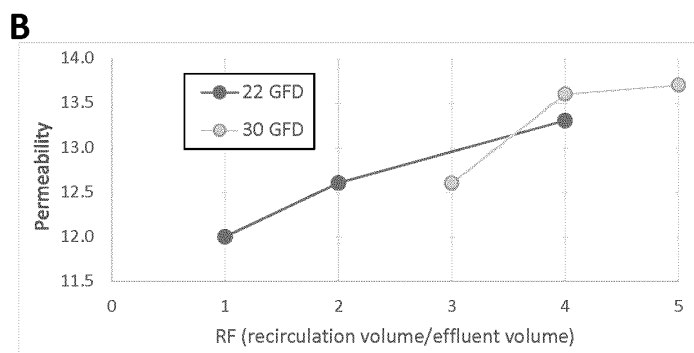


Aeration v. Influent flow (Q)			
Train 2, 30 GFD			
		Permeability Air	
	0.003 scfm/ft ²	13.8	0.003
	No aeration	13.3	0

Fig. 15

A RF v. Permeability

Train 2, no aeration		
	RF (Q)	Permeability
22 GFD	1	12
	2	12.6
	4	13.3
30 GFD	3	12.6
	4	13.6
	5	13.7



C Aeration v. Permeability

Train 1-2, 3-4 Q-RF		
	Aeration	Permeability
Train 1 - 22 GFD	0.003	9.6
	0.006	9.8
	0.012	9.5
Train 2 - 40 GFD	0	13
	0.003	12.7

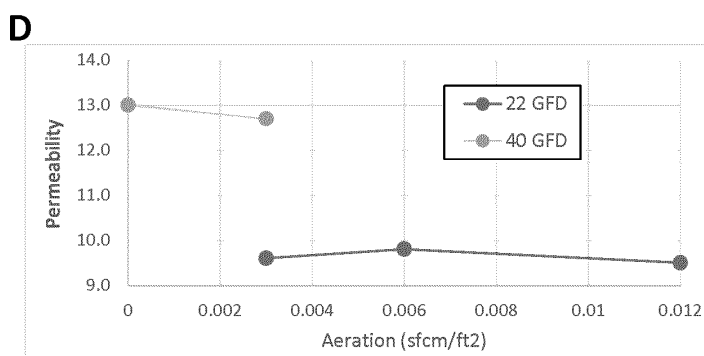


Fig. 16

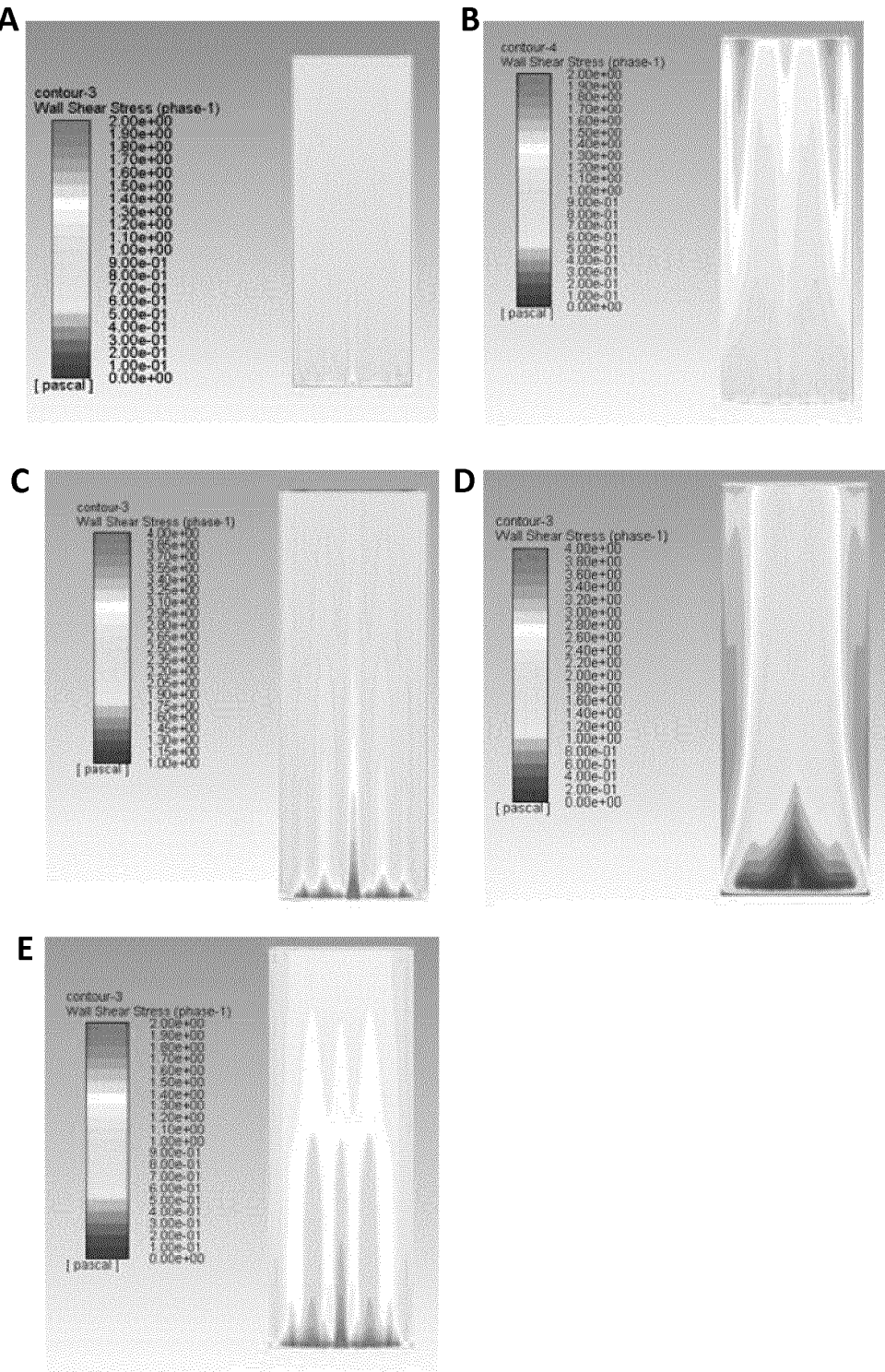
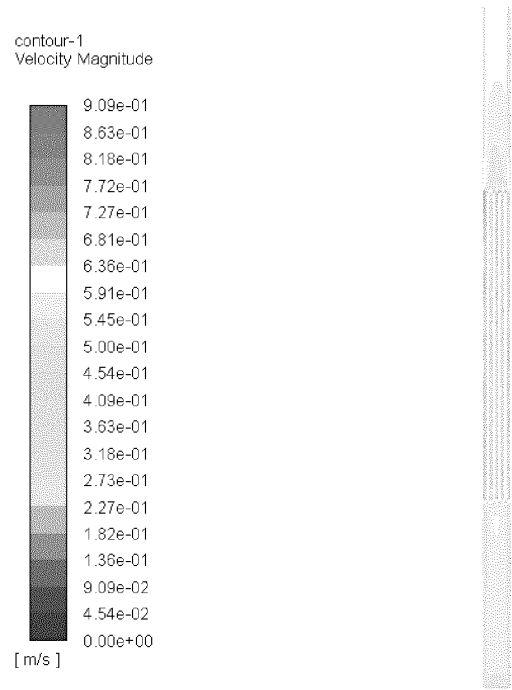


Fig. 17

A



B

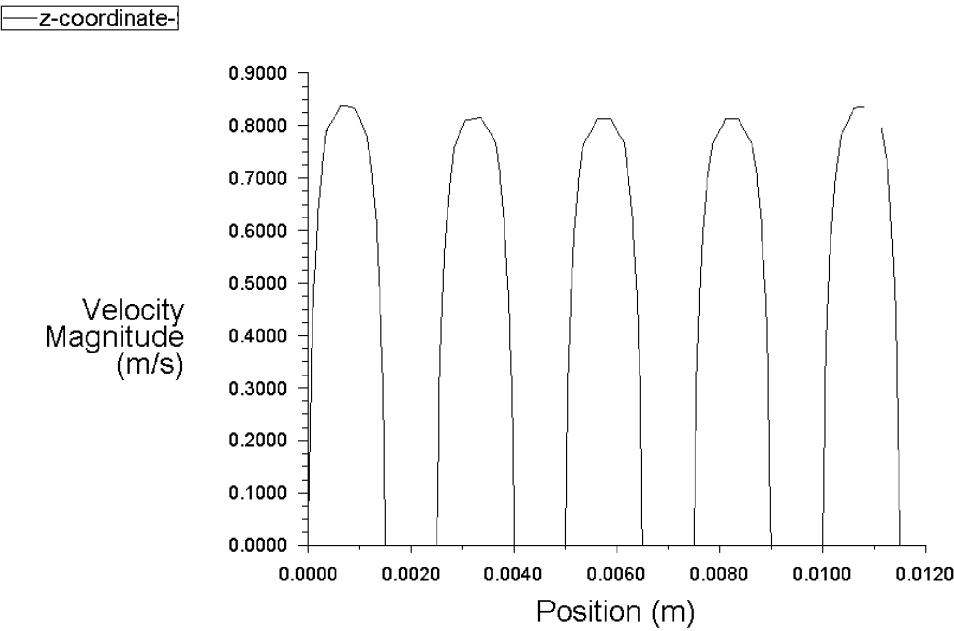


Fig. 18