

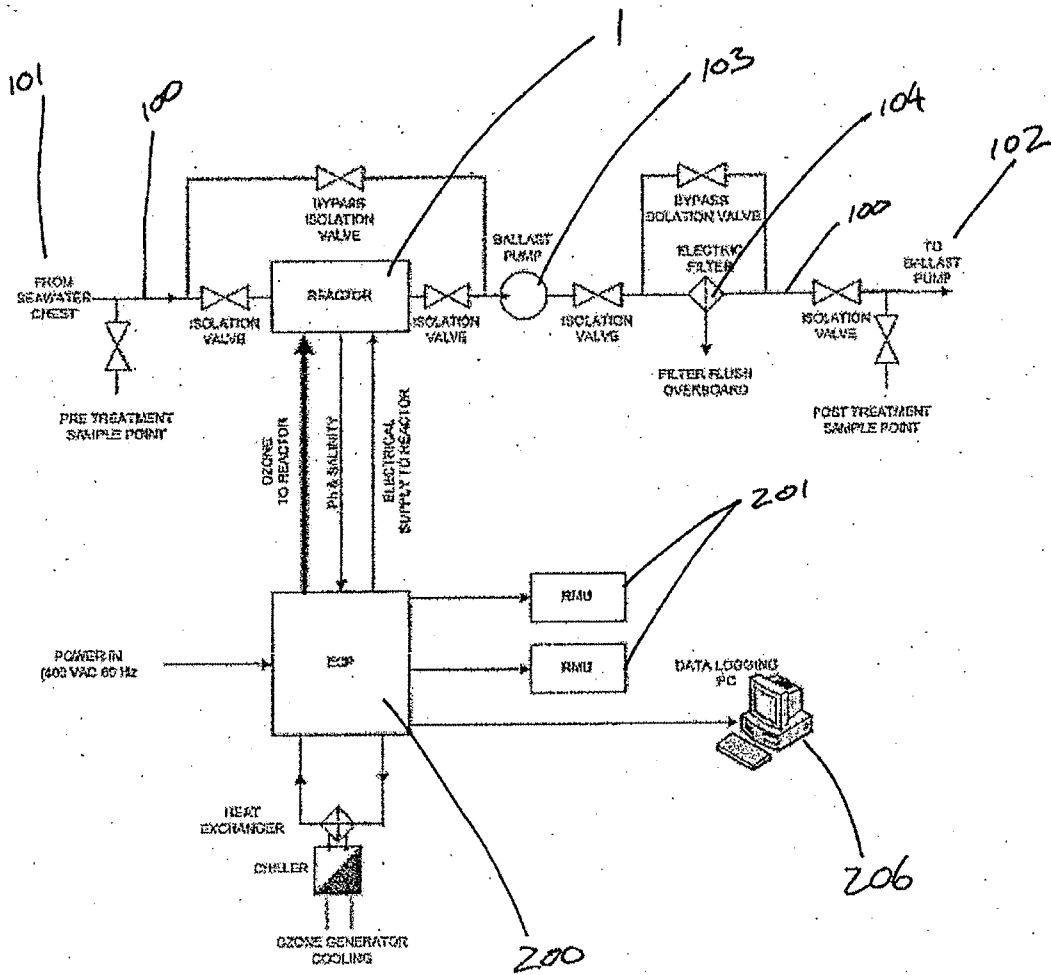


Fig. 1

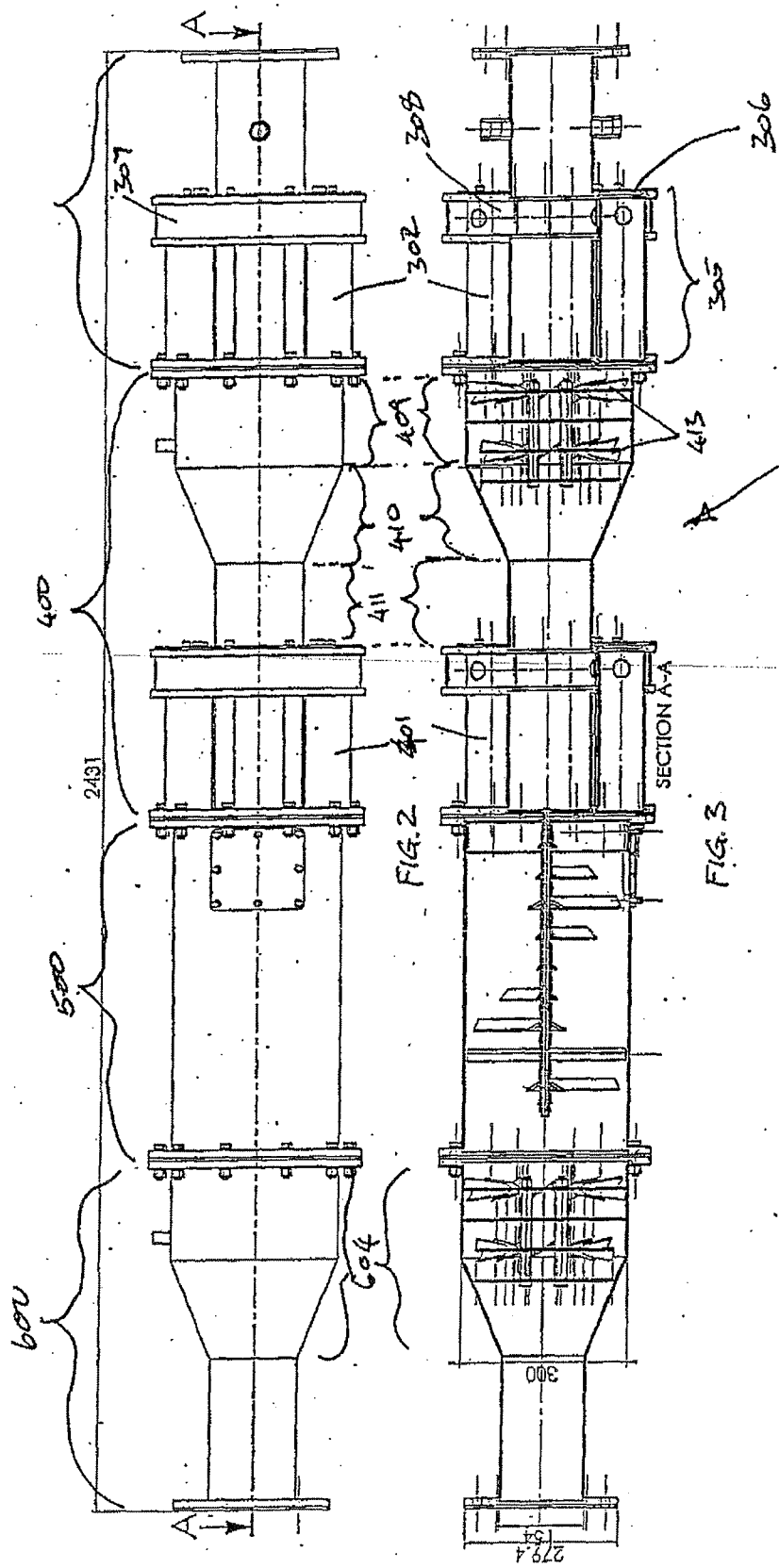


FIG. 3

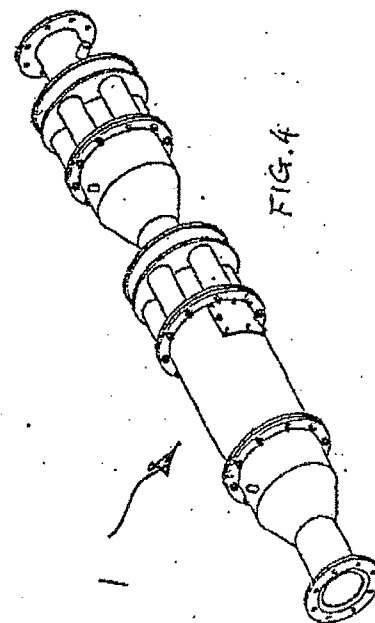
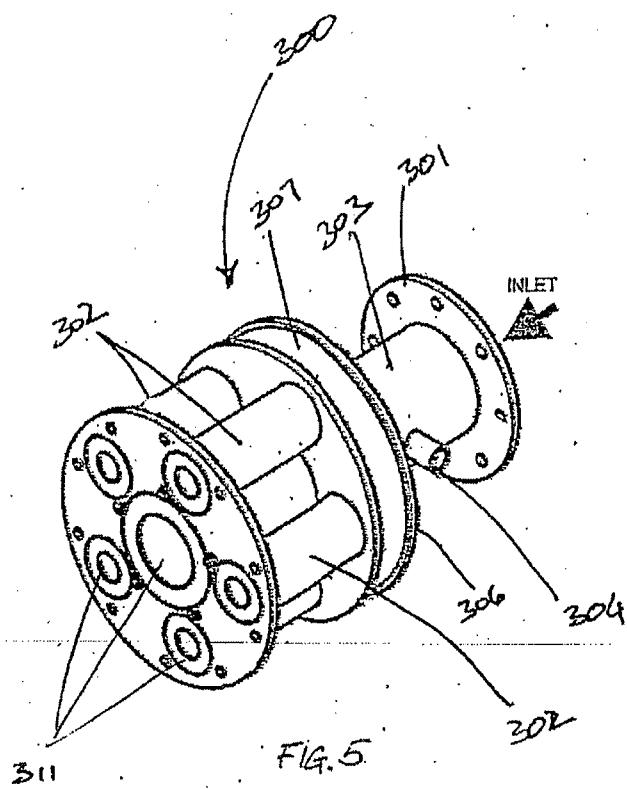


FIG. 4



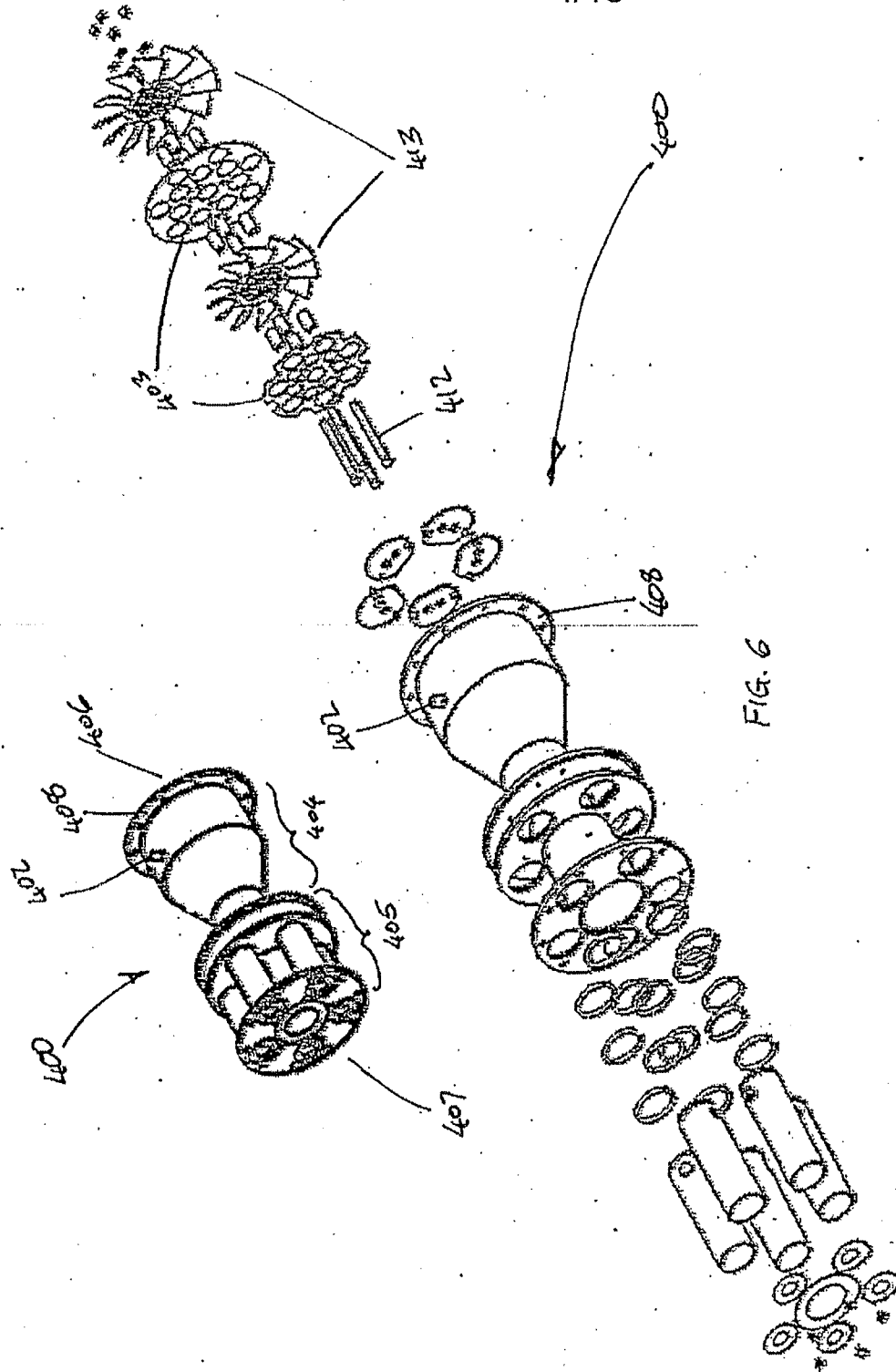
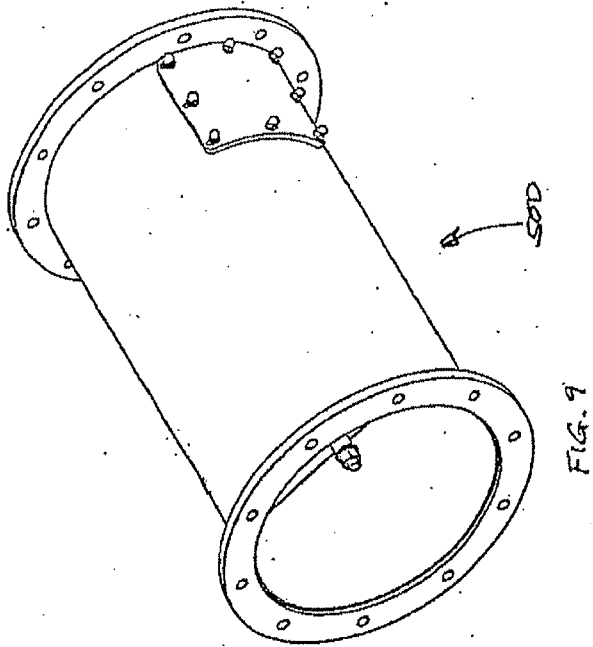
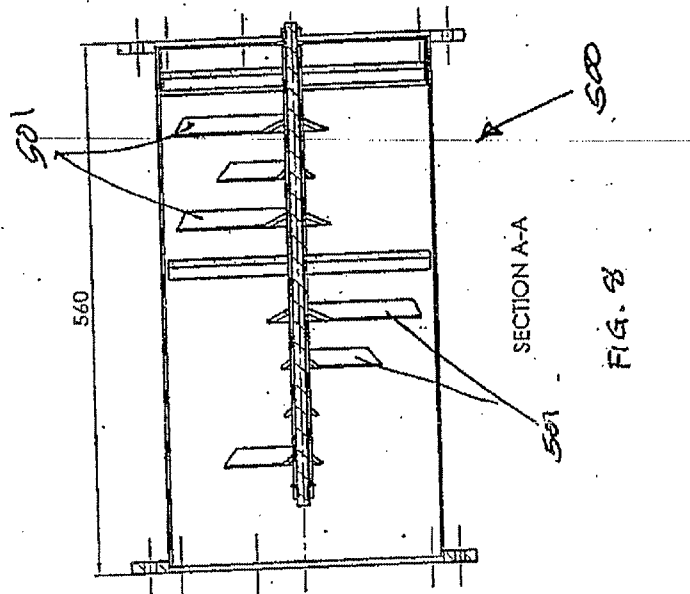
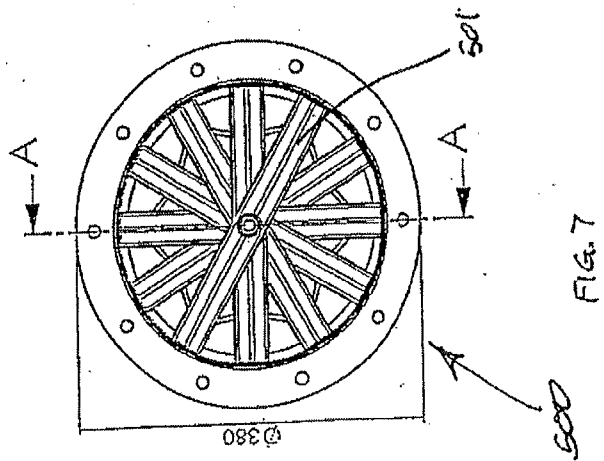
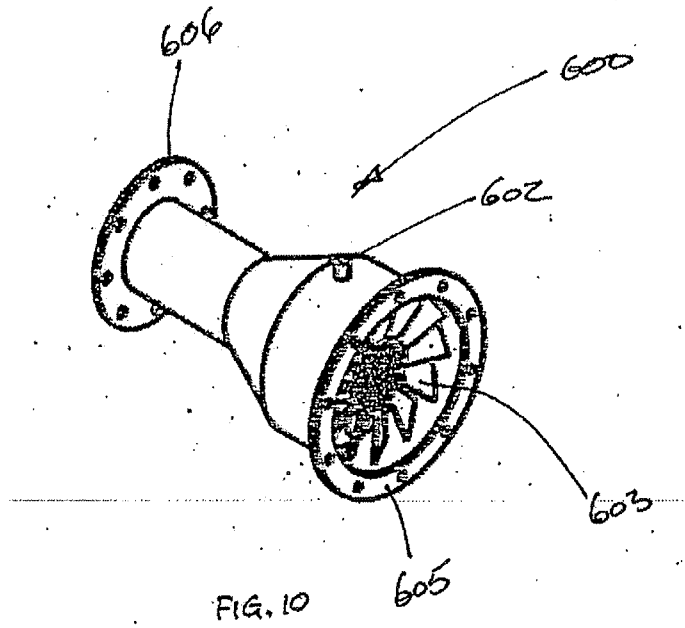
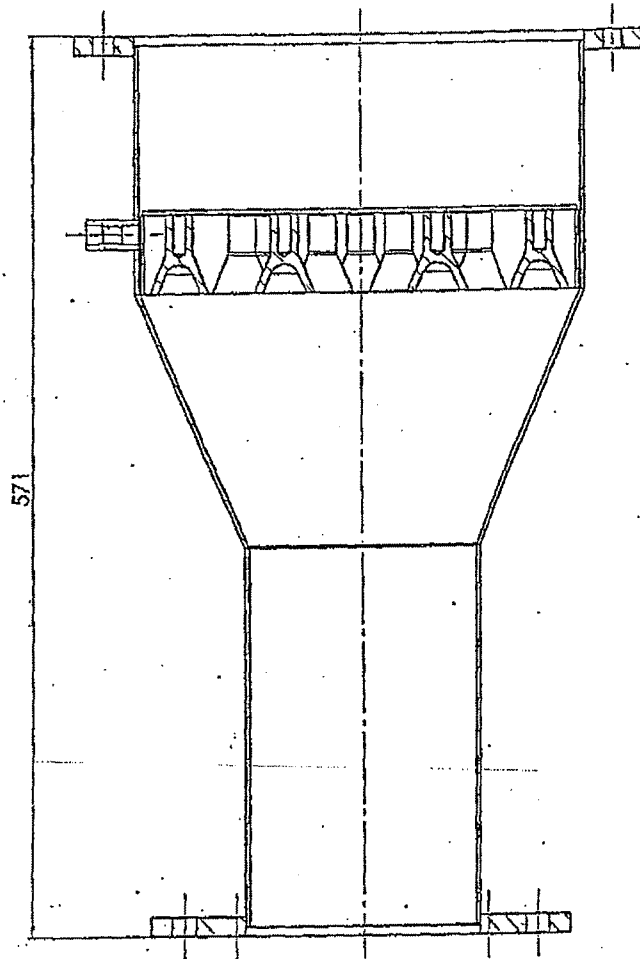


FIG. 6



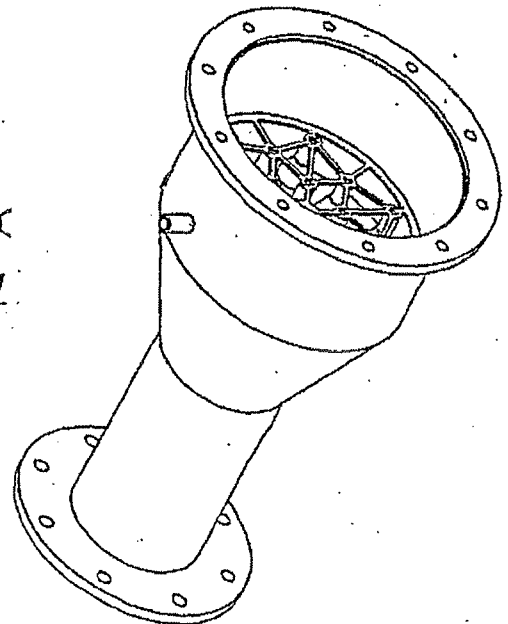
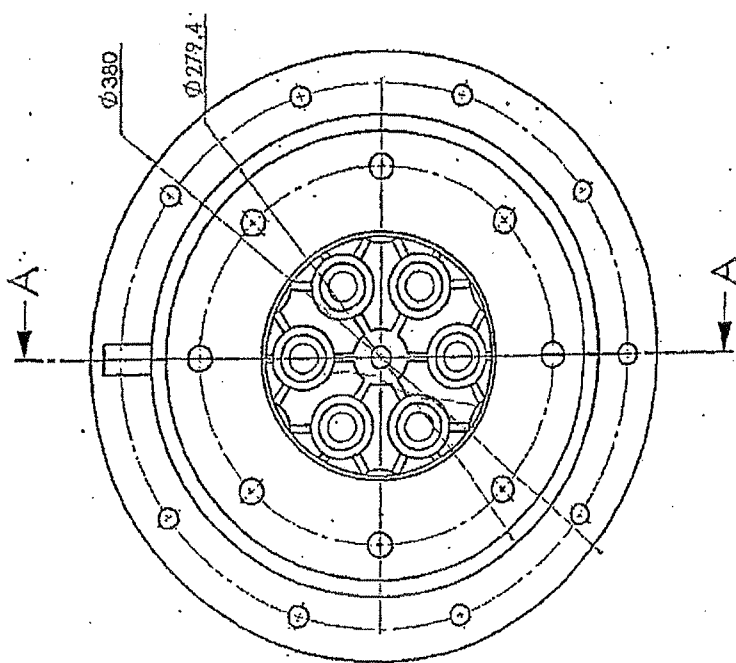


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SECTION A-A

FIG. 10A



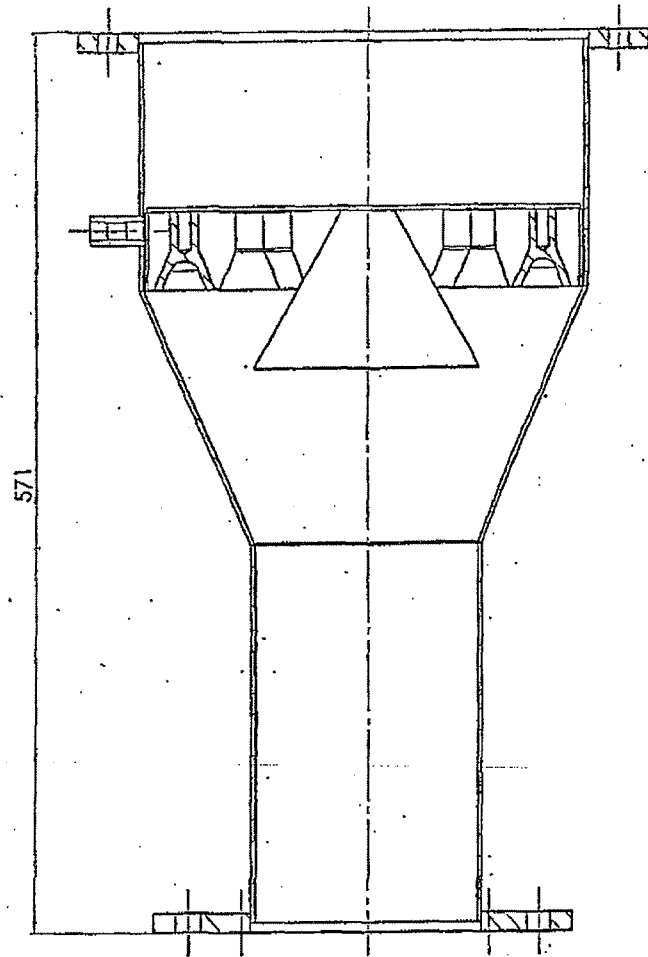
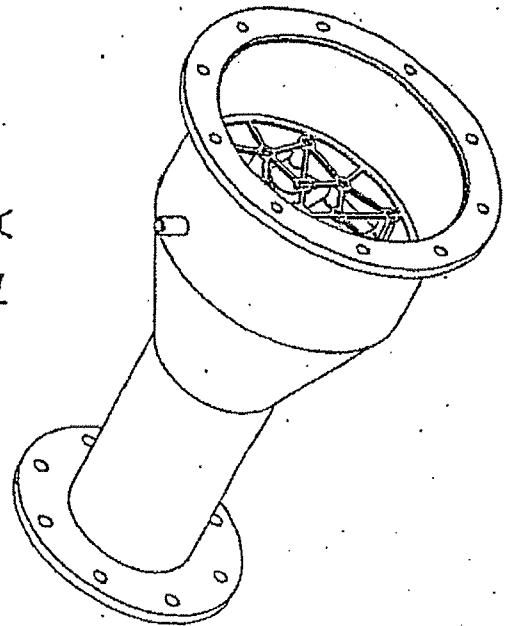
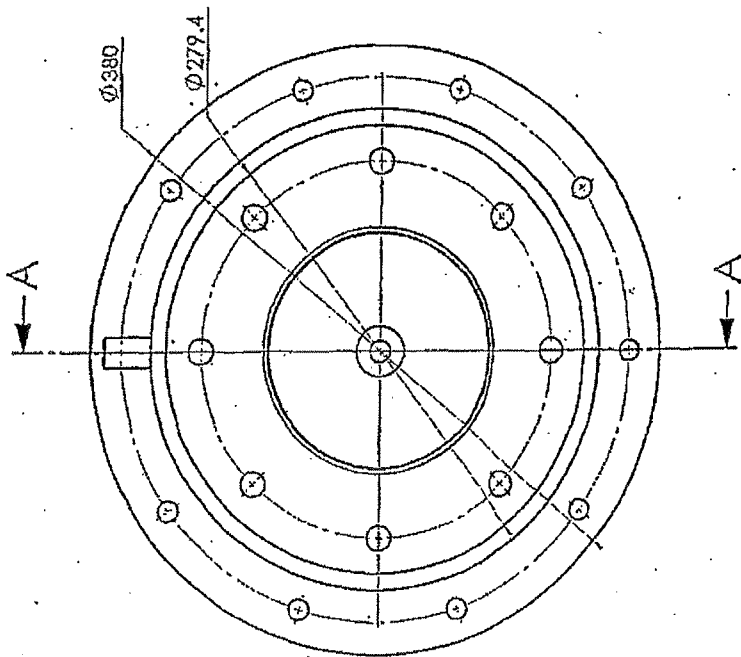
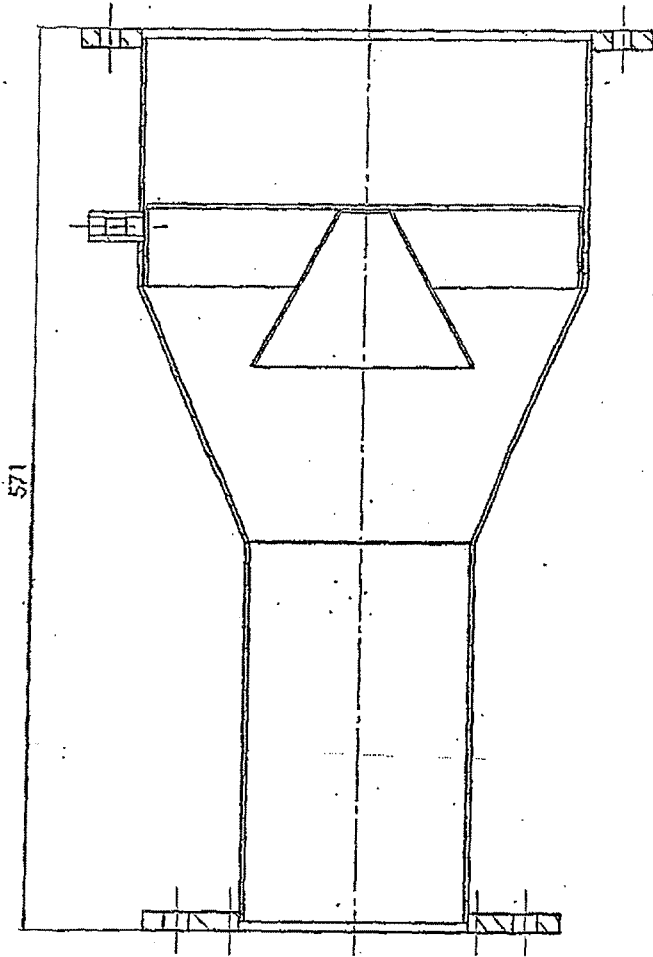
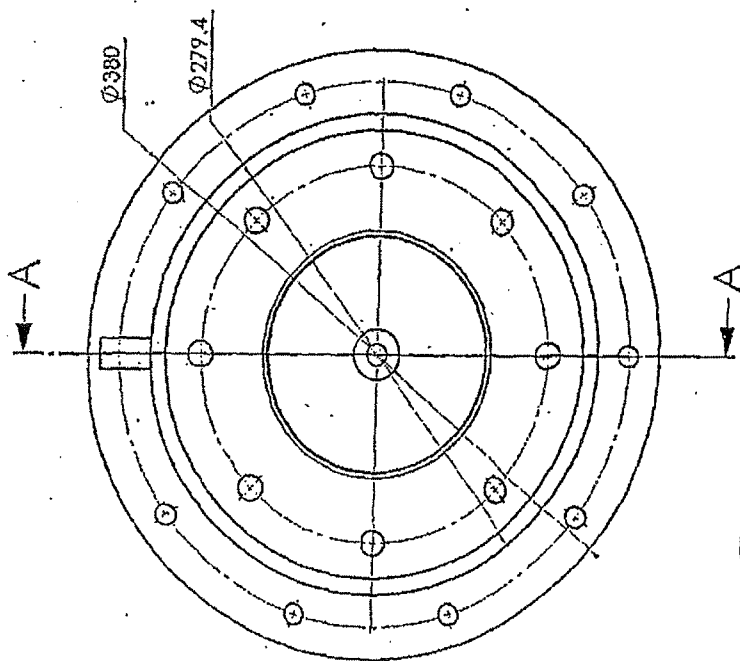


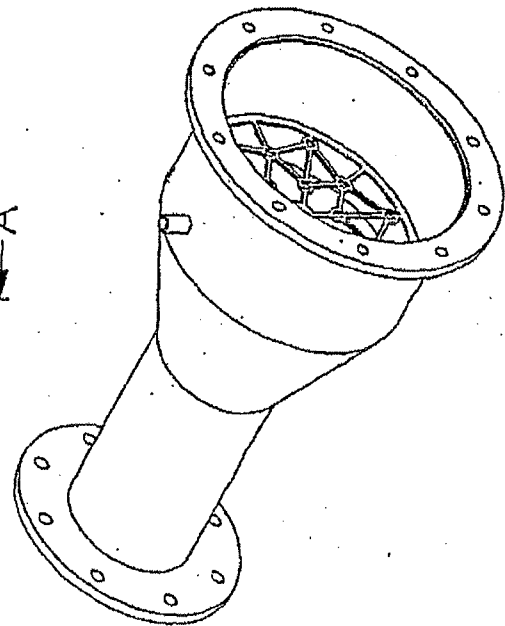
FIG. 10B

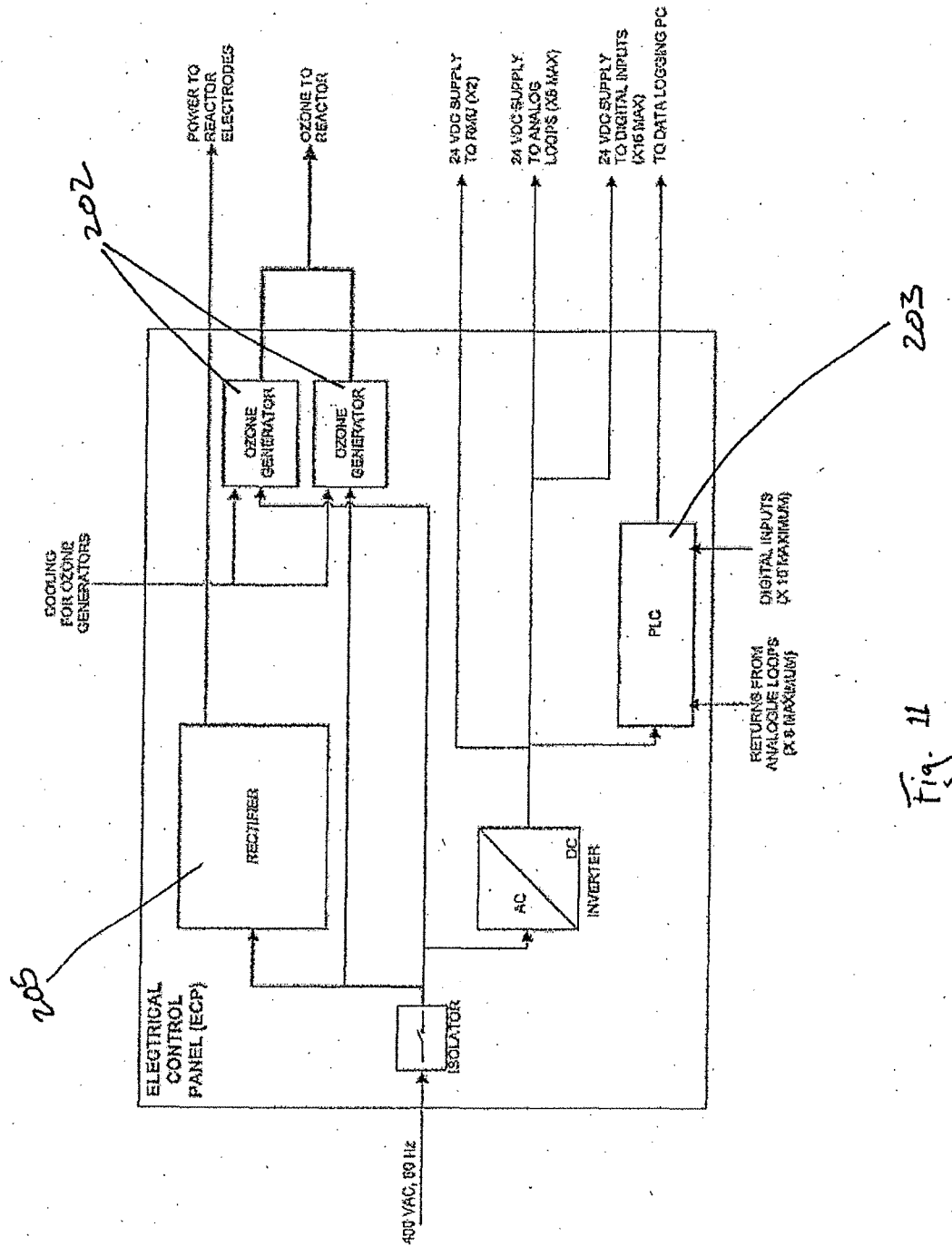




SECTION A-A

FIG. 10C





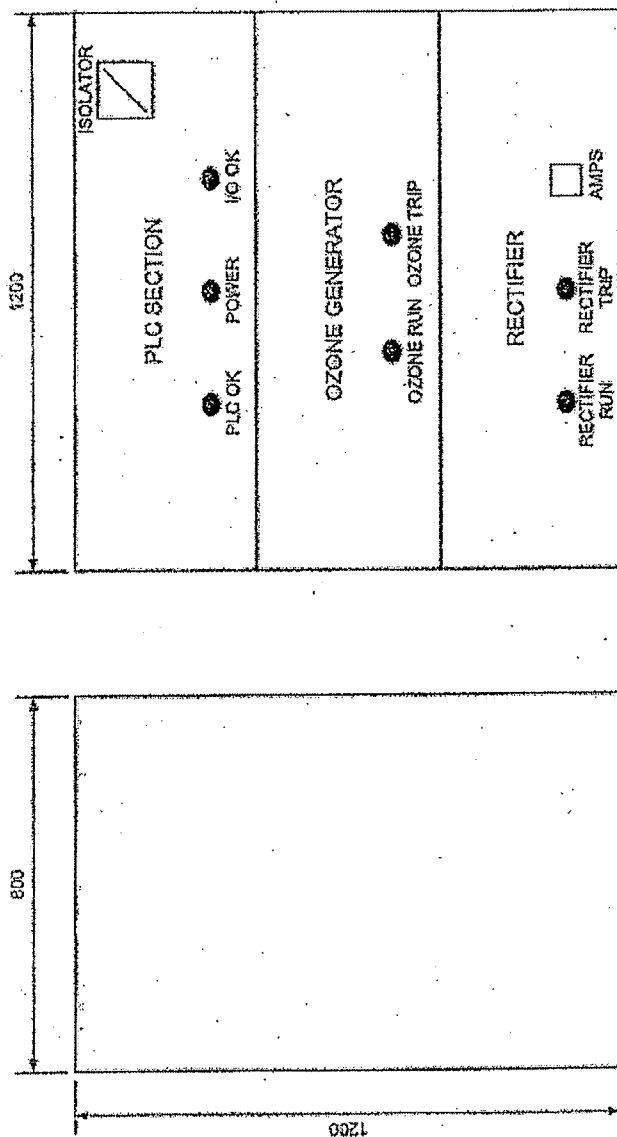
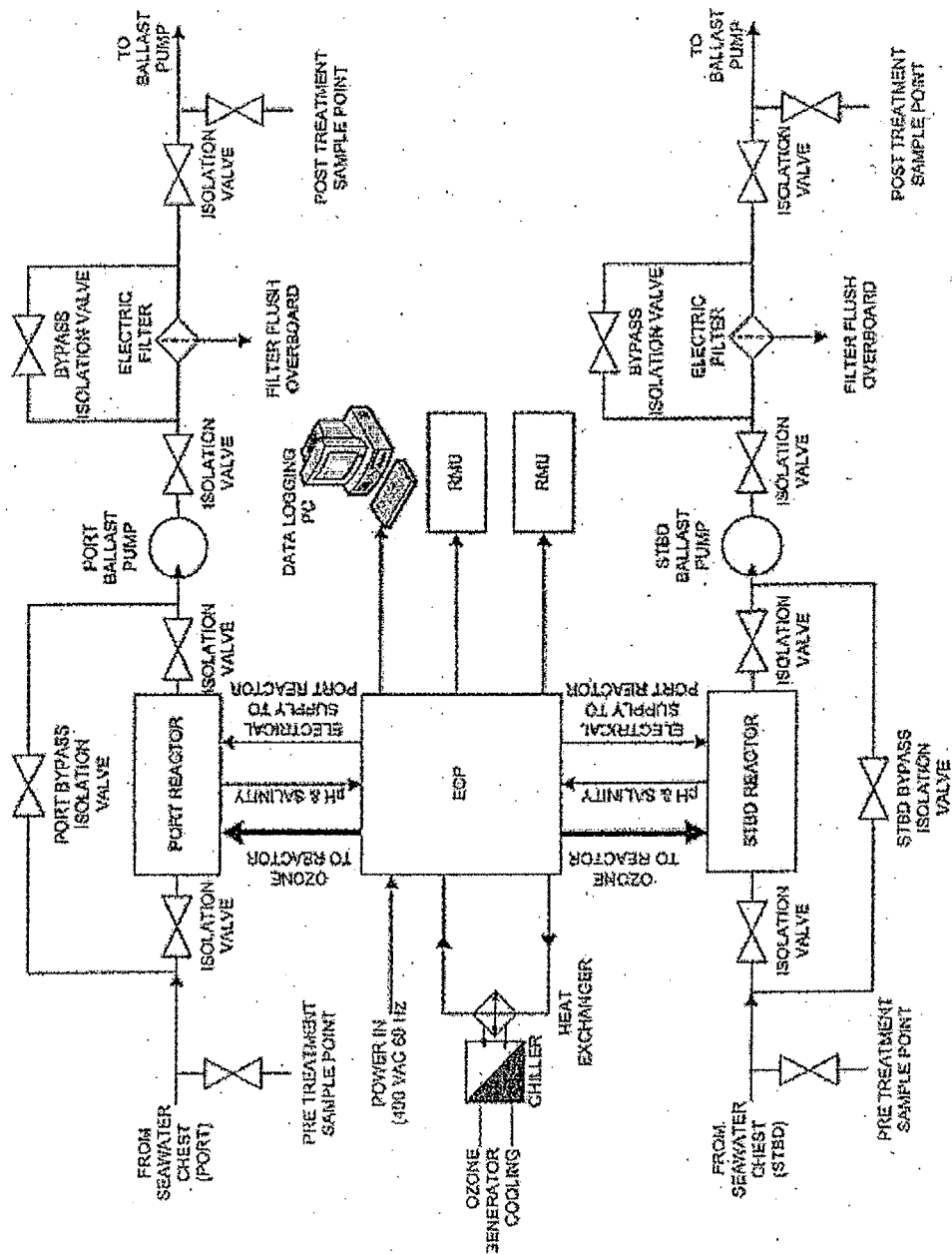


Fig. 12



Test Number	Basic Config	Reactor Configuration				Efficacy	
		Chamber 1	Chamber 2	Chamber 3	Chamber 4	with Filter	W/O filter
49b	-	-	Vanes	70 Degree Plates	-	86.66%	
49a	O3	-	Vanes	70 Degree Plates	-	88.58%	N/A
50b	-	-	-	-	-	87.91%	
56a	VAT/Cavitation/Filter	VAT (Direct) Cavitation Plates Probes	VAT (Direct) Cavitation Plates Probes	-	Cavitation Plates Probes	88.35%	N/A
55	Cavitation Only	-	Cavitation Plates Probes	-	Cavitation Plates Probes	91.28%	N/A
63a	Cavitation/Filter	-	Cavitation Angle	Cavitation Spiral	Cavitation Angle 32mm	92.32%	N/A
60a	O3/VAT/Cavitation/Filter	VAT	VAT Cavitation Angle 32mm	Cavitation Angle 25mm	Cavitation Angle 32mm	96.53%	N/A
66b	VAT/Cavitation/Filter	VAT (Direct) Cavitation Plates Probes	VAT (Direct) Cavitation Plates Probes	-	Cavitation Plates Probes	99.49%	N/A
58b	90kW Pump VAT/Cavitation/Filter	VAT	Cavitation Angle	-	-	99.60%	100%
60a	VAT	VAT	VAT	-	-	99.72%	
58a	45kW Pump VAT/Cavitation/Filter	VAT	Cavitation Angle	-	-	99.72%	99.81%
63b	VAT/Cavitation/Filter	VAT	VAT Cavitation Angle 32mm	Cavitation Spiral	Cavitation Angle 32mm	99.82%	99.82%
60b	VAT/Cavitation/Filter	VAT	VAT Cavitation Angle 32mm	Cavitation Angle 25mm	Cavitation Angle 32mm	99.99%	N/A
60c	VAT/Cavitation/Filter	VAT	VAT Cavitation Angle 32mm	Cavitation Angle 25mm	Cavitation Angle 32mm	100%	N/A

FIG. 4