

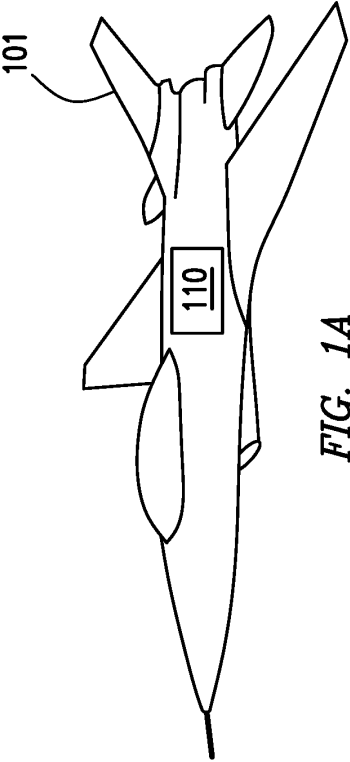


FIG. 1A

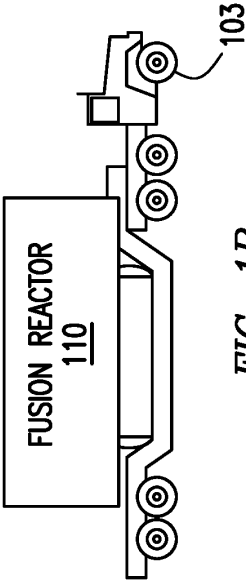


FIG. 1B

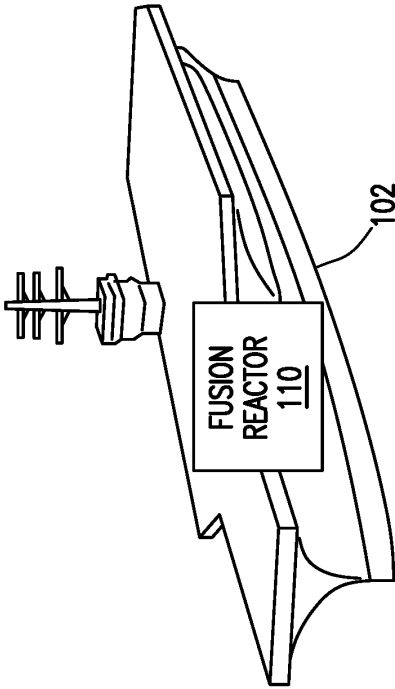


FIG. 1C

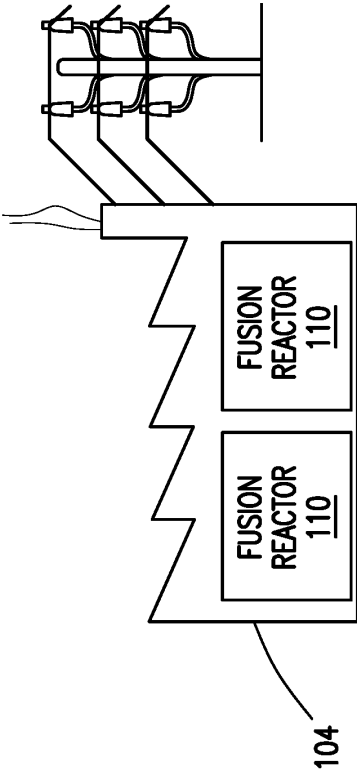


FIG. 1D

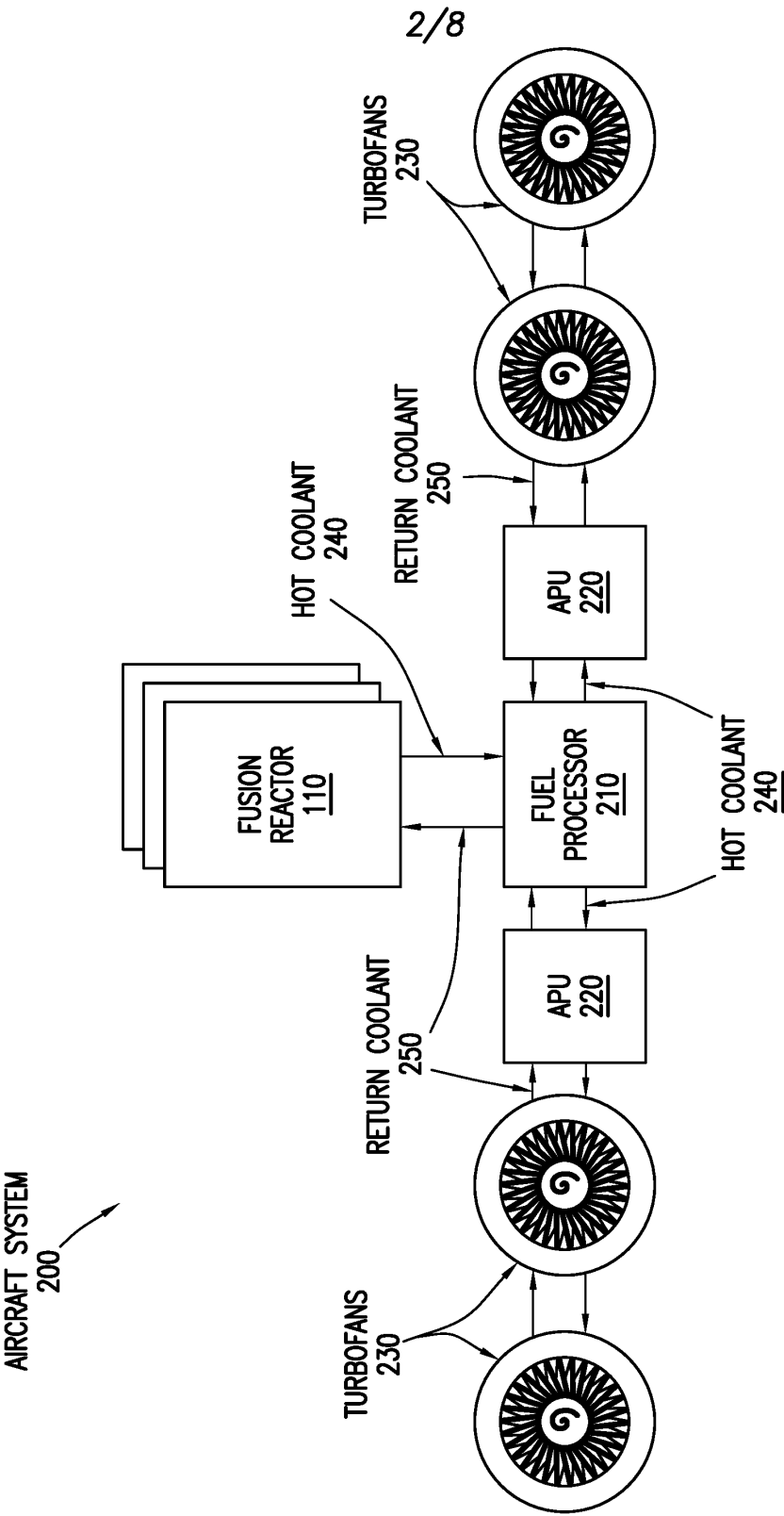
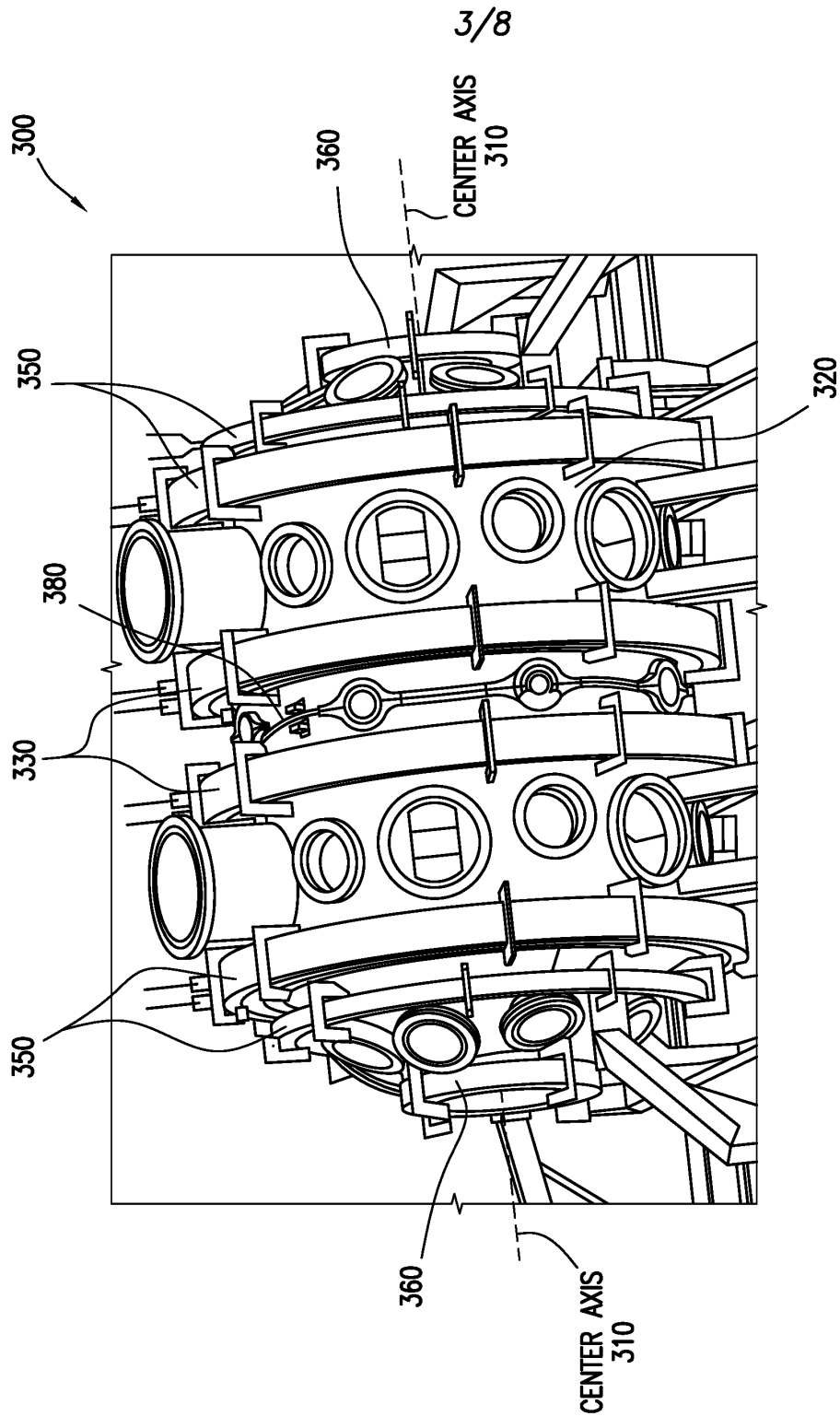


FIG. 2



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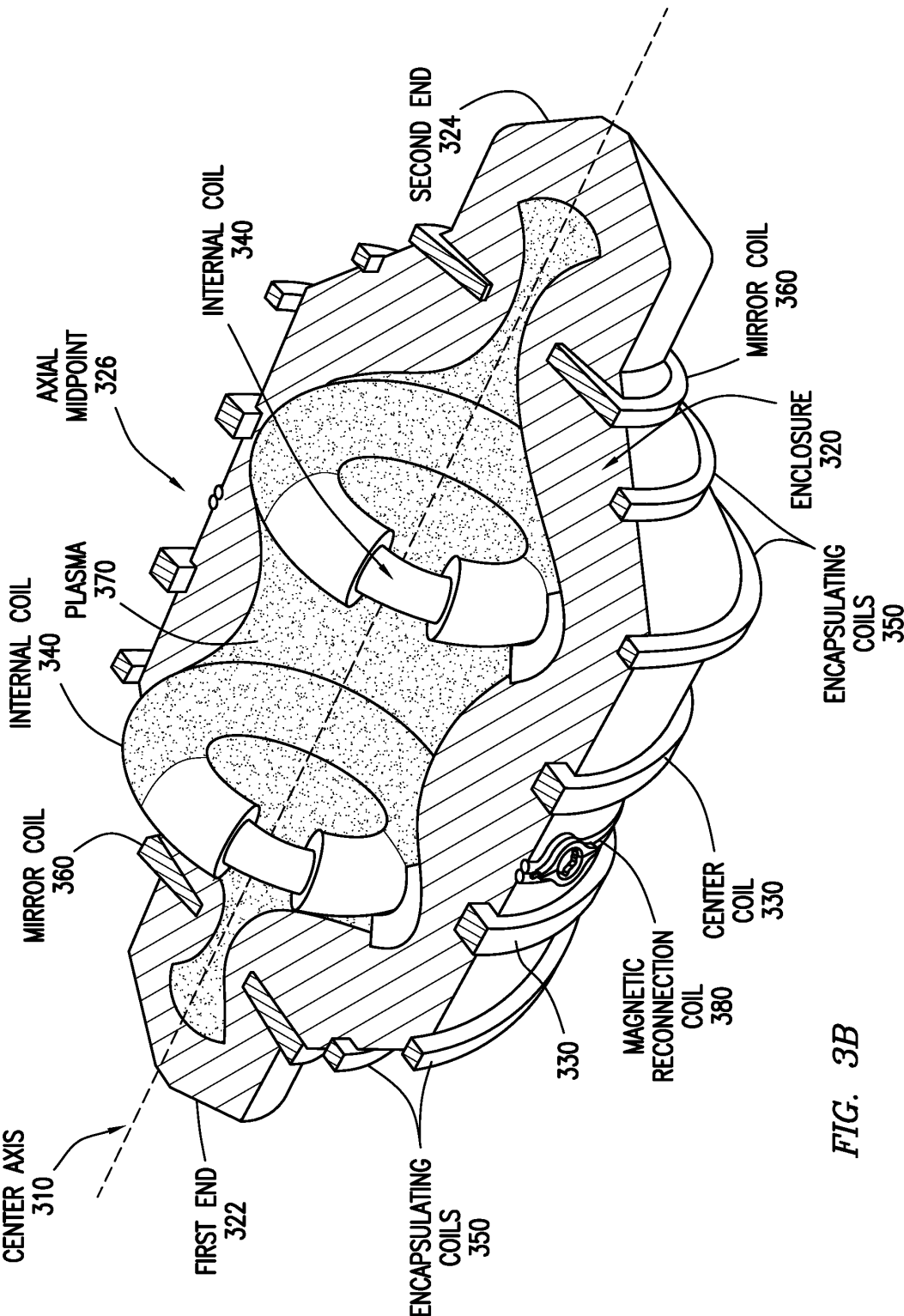


FIG. 3B

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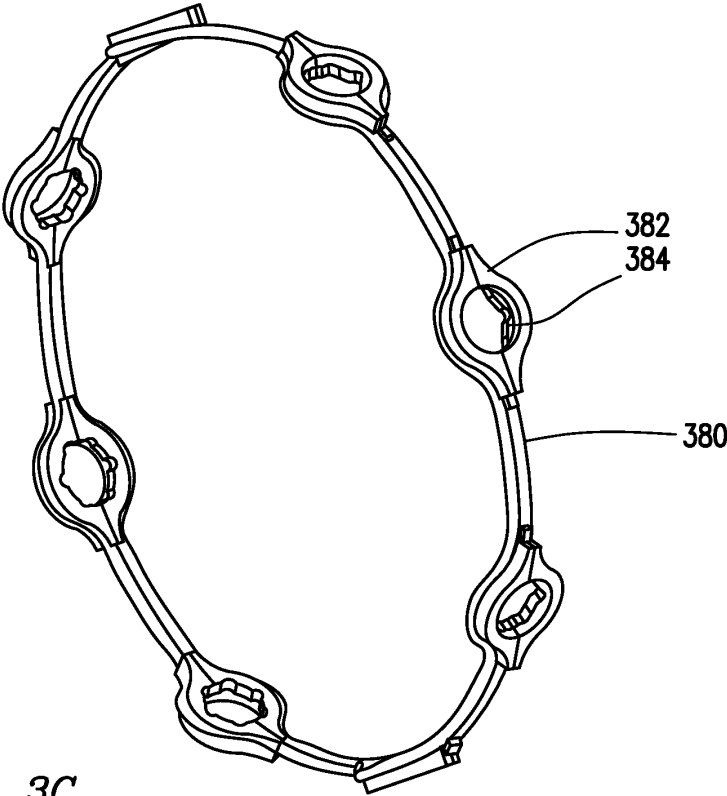


FIG. 3C

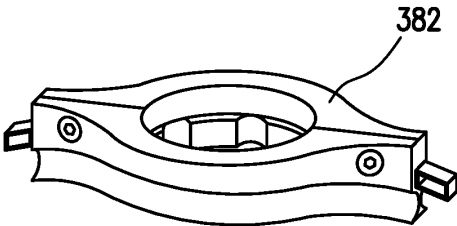


FIG. 3D

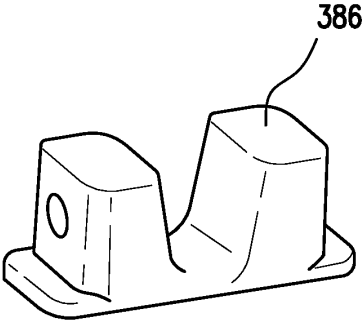
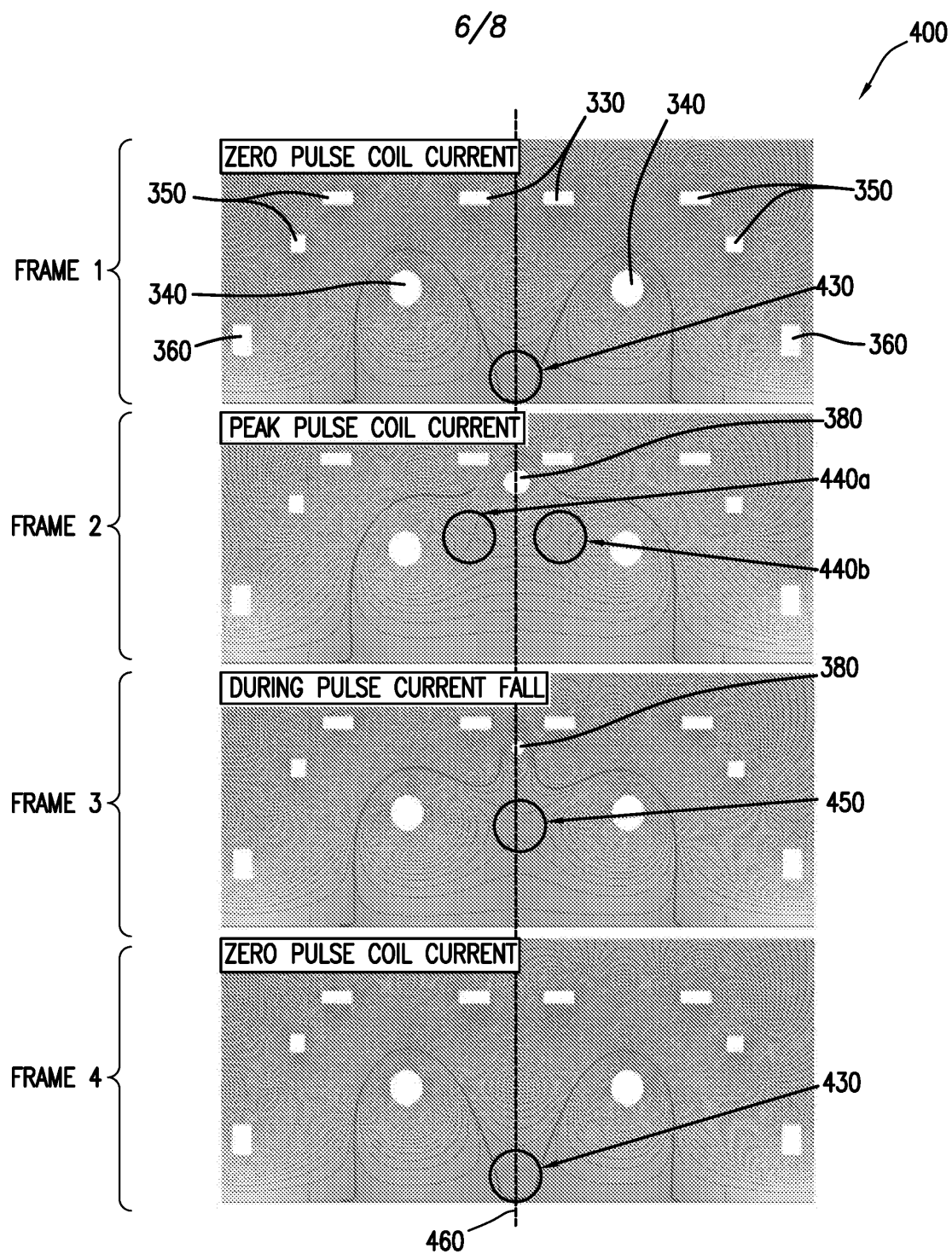


FIG. 3E



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500

I [kA]	TOTAL ENERGY [J]	dE [J]	R-NULL [m]	1 ms-P [MW]
0	10304	0	0	0.000
10	10902	598	0.095	0.598
20	11737	1433	0.156	1.433
30	12807	2503	0.204	2.503
40	14114	3810	0.272	3.810
50	15657	5353	0.28	5.353

510

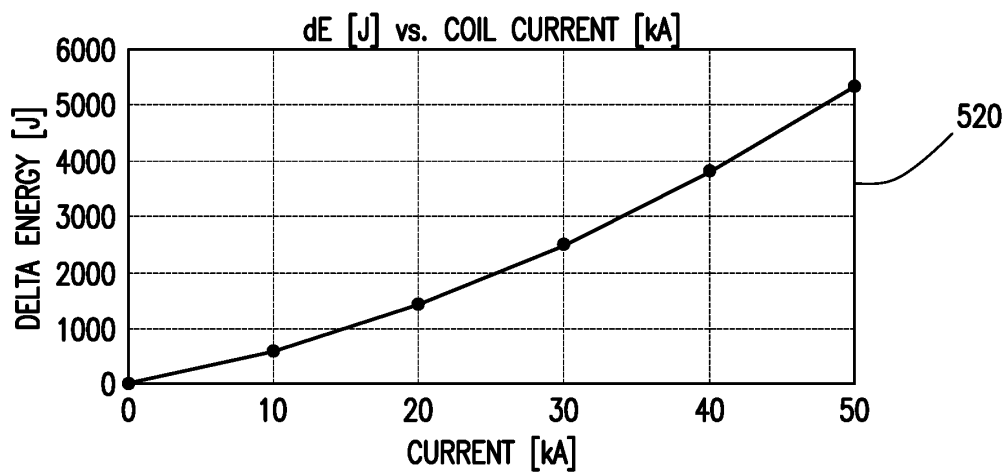


FIG. 5

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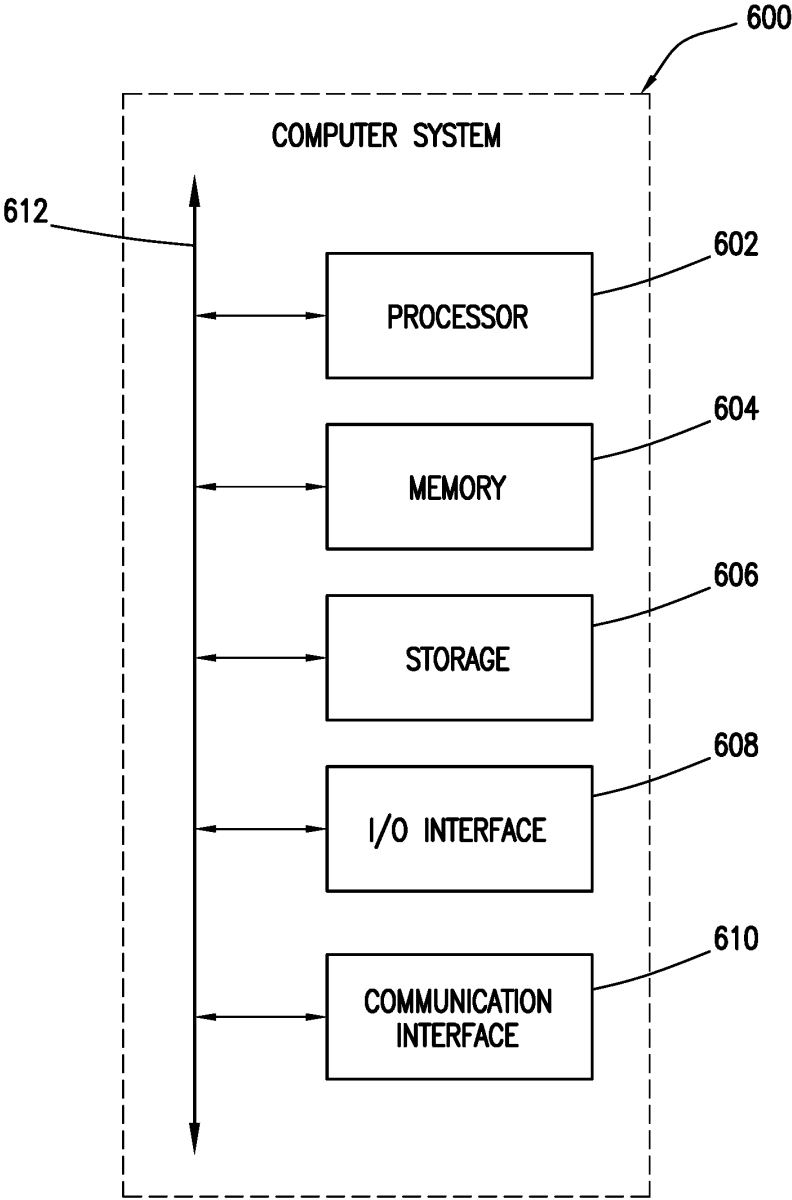


FIG. 6