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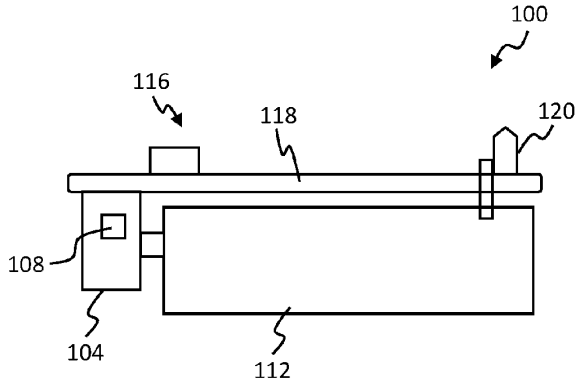


FIG. 1

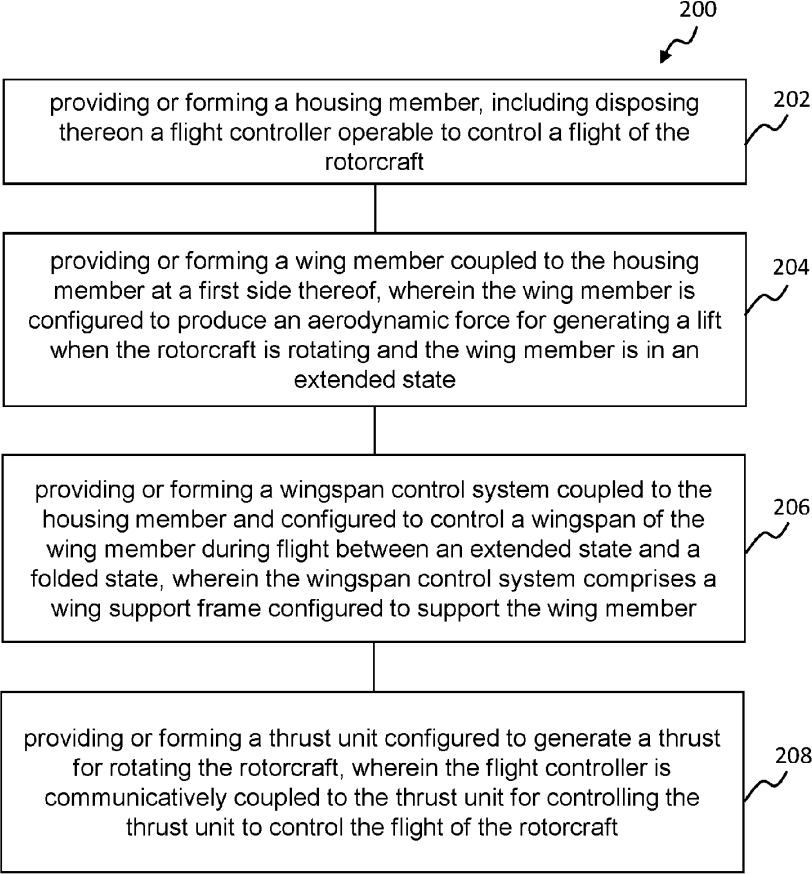


FIG. 2

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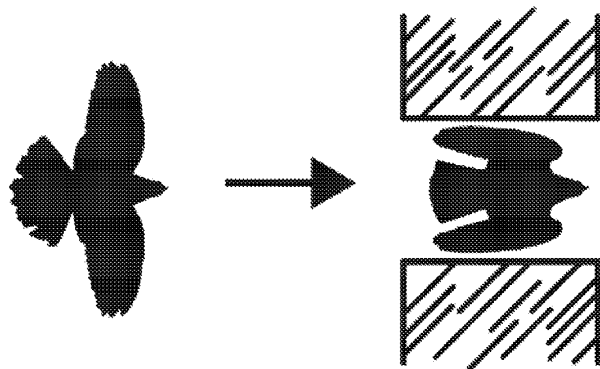


FIG. 3A

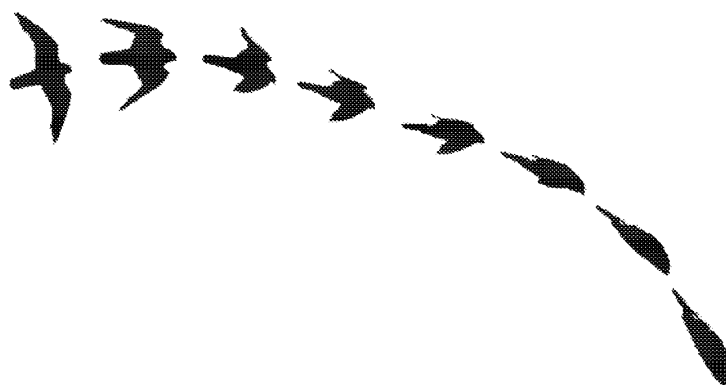


FIG. 3B

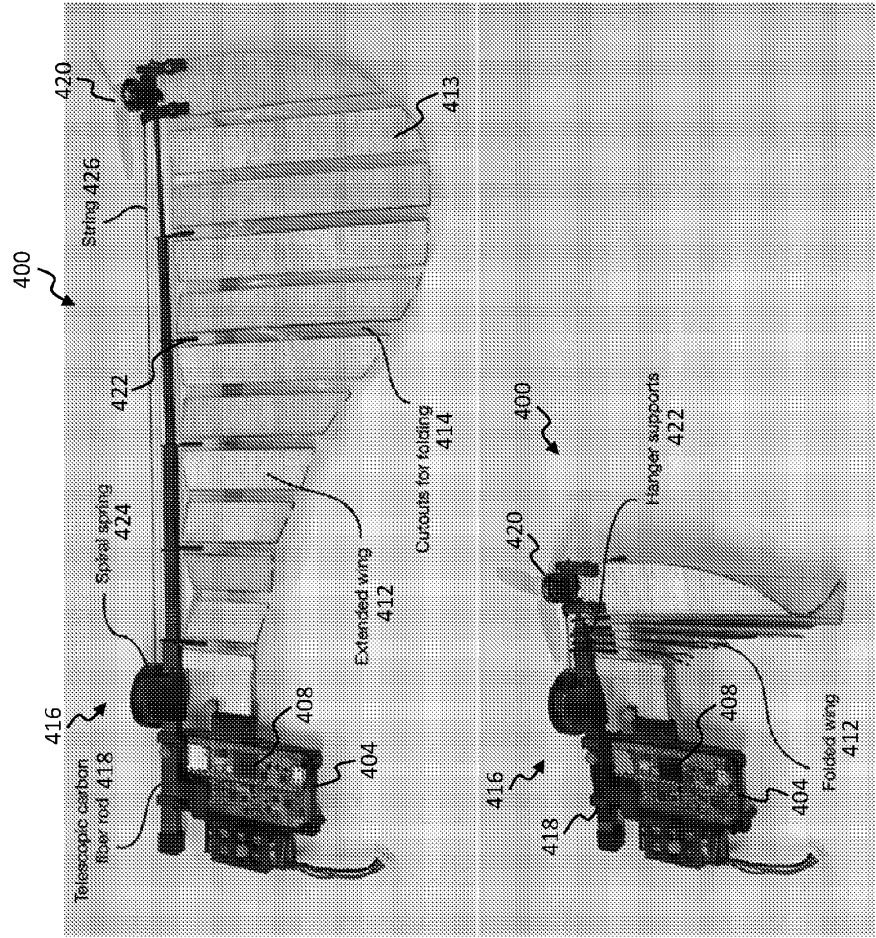


FIG. 4

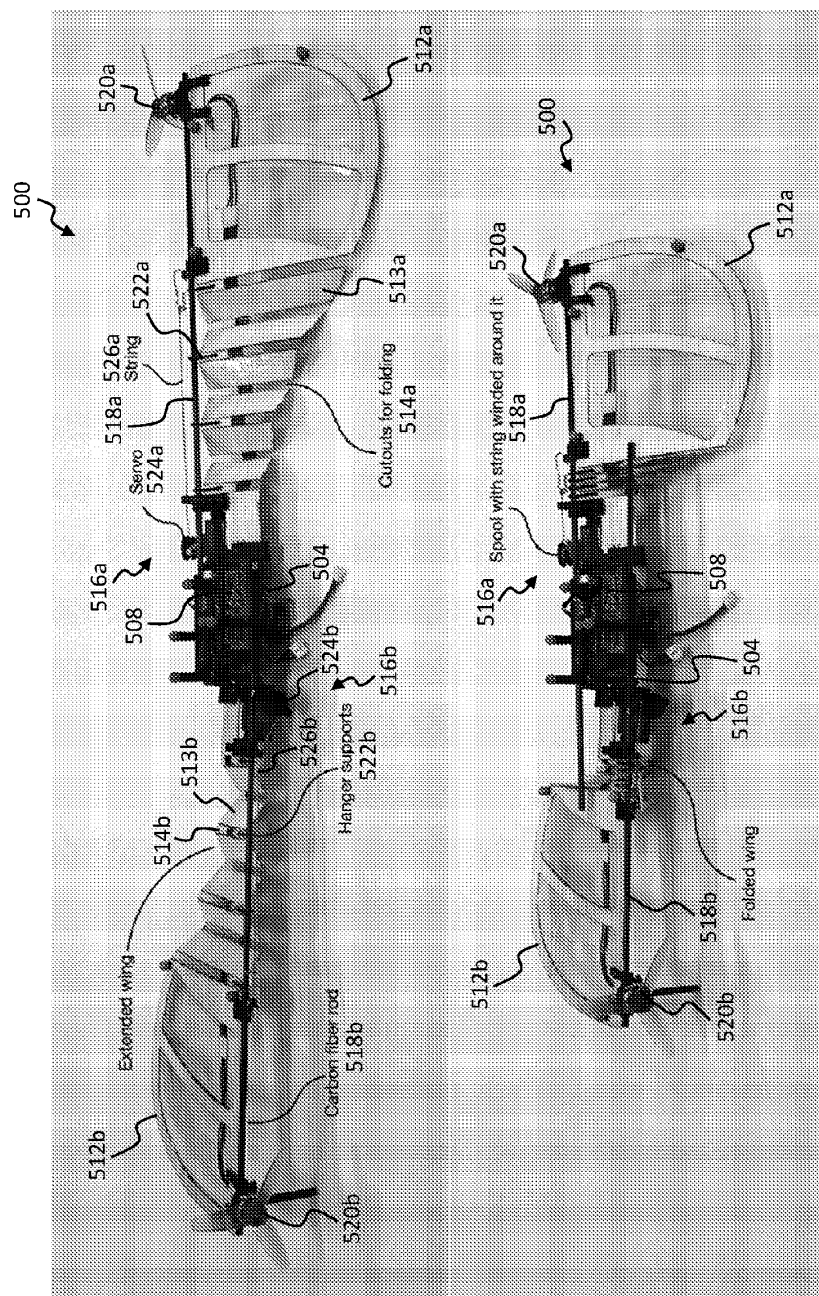


FIG. 5

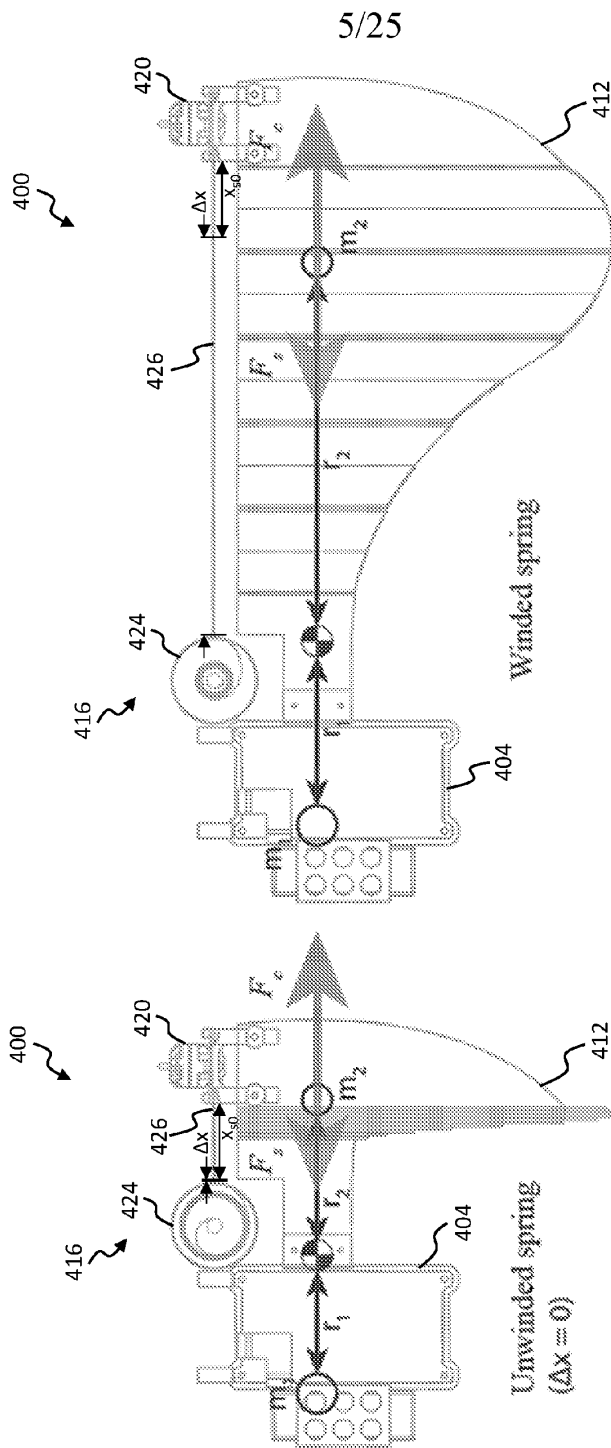


FIG. 6

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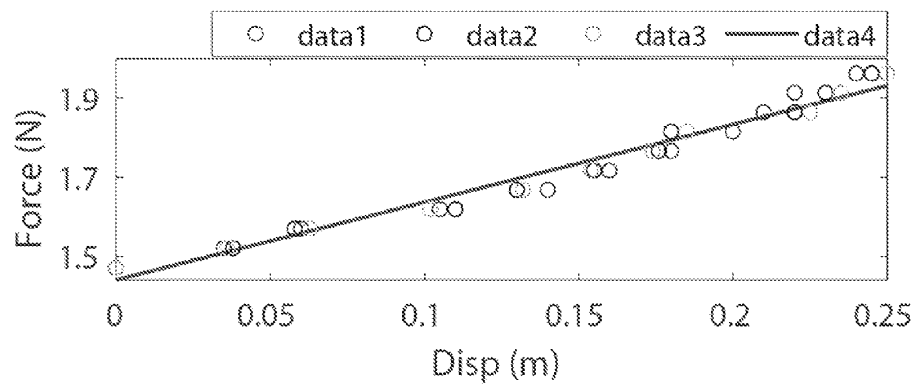


FIG. 7A

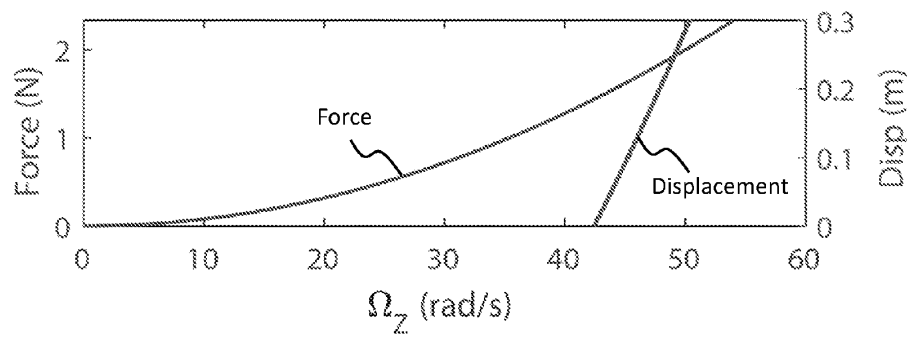


FIG. 7B

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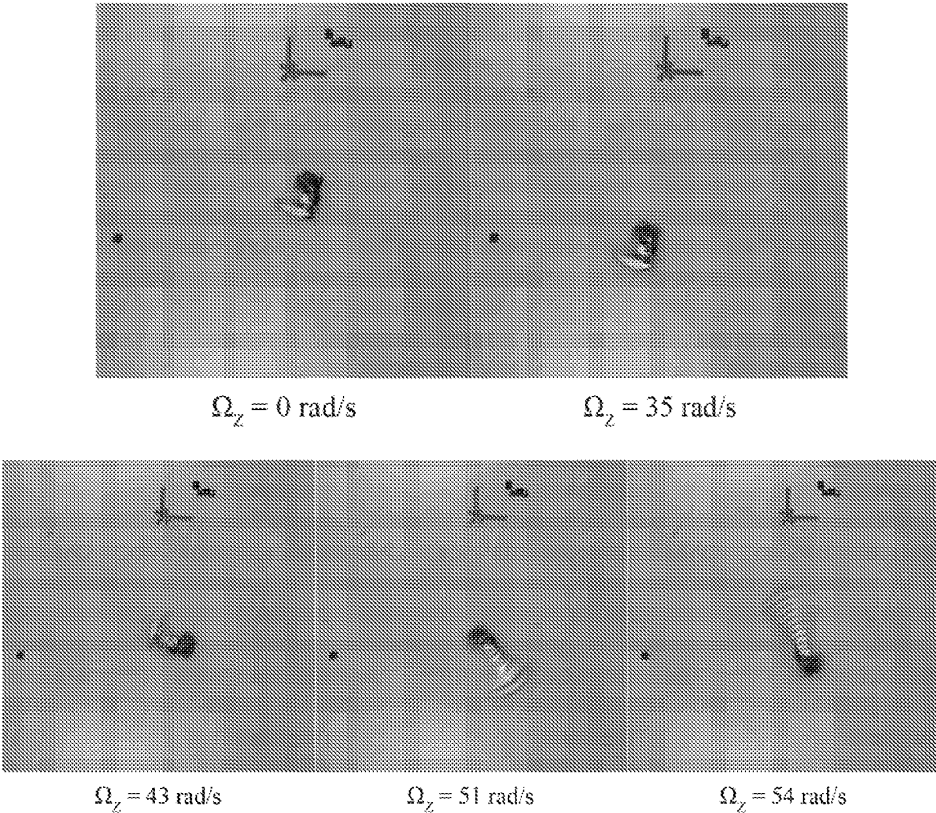


FIG. 7C

Table 1. Comparison of expanded and folded configurations.

Prototype	Status	Effective length (nm)	Features footprint (mm ²)	Footprint (%)
FROW-A	Expanded	735	2.3091×10^3	100
	Folded	447	1.4043×10^3	60.3
FROW-P	Expanded	385	1.0053×10^3	100
	Folded	134	314.1593	31.25

FIG. 8

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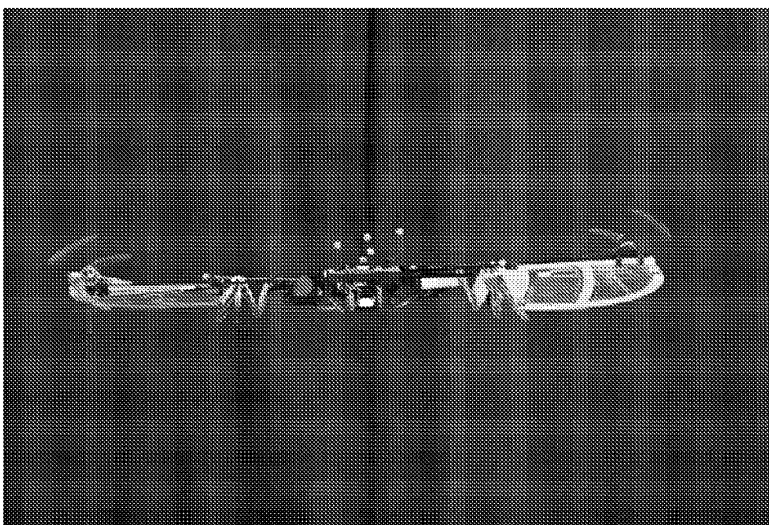
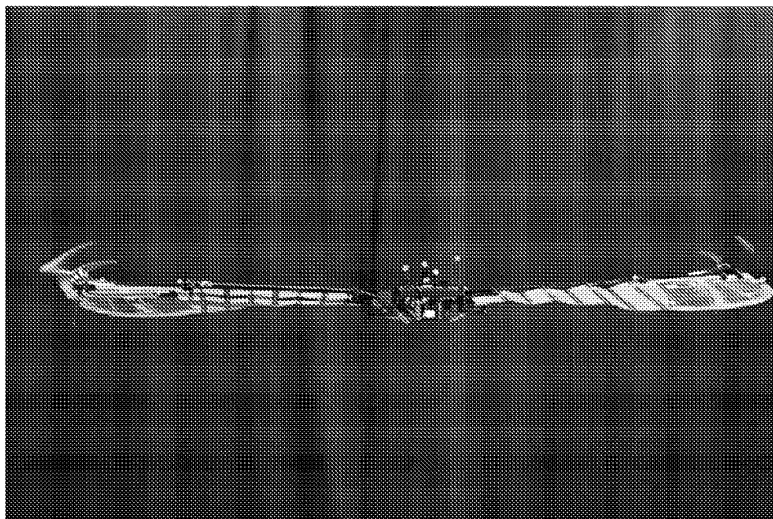


FIG. 9

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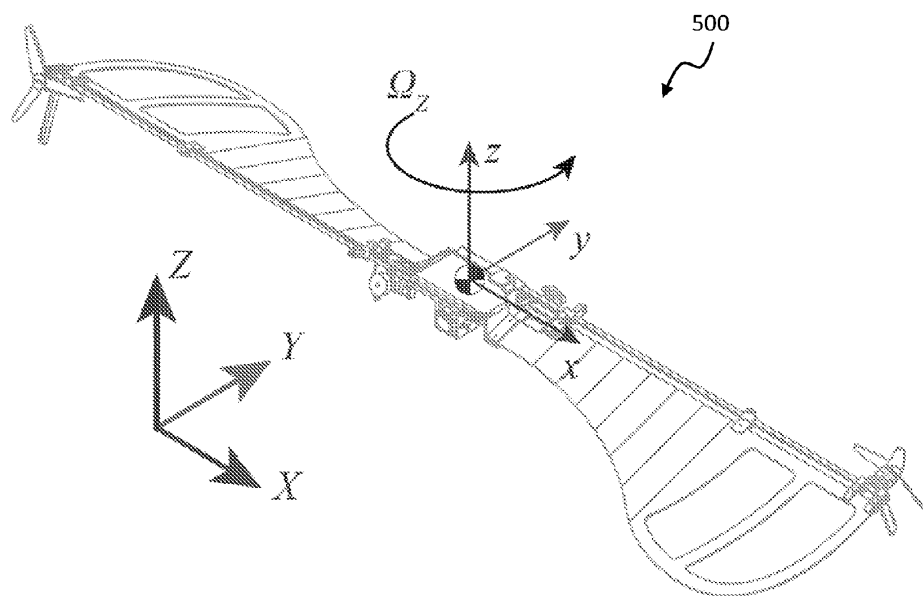


FIG. 10A

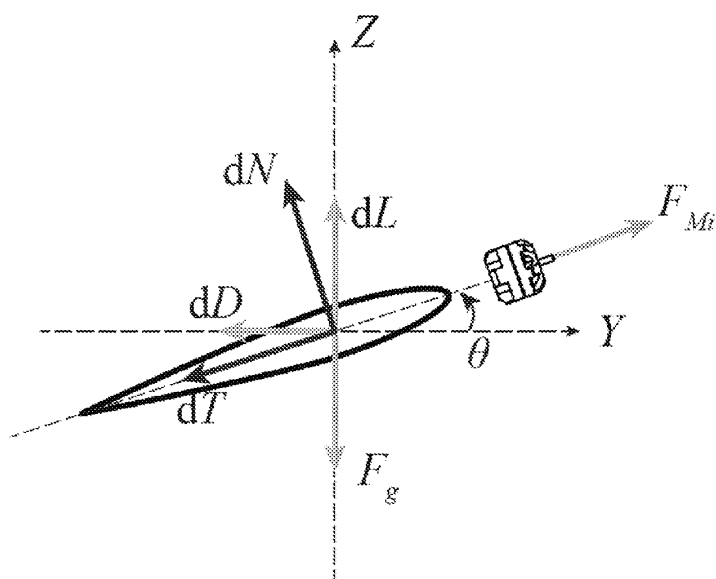


FIG. 10B

Without attitude stabilization

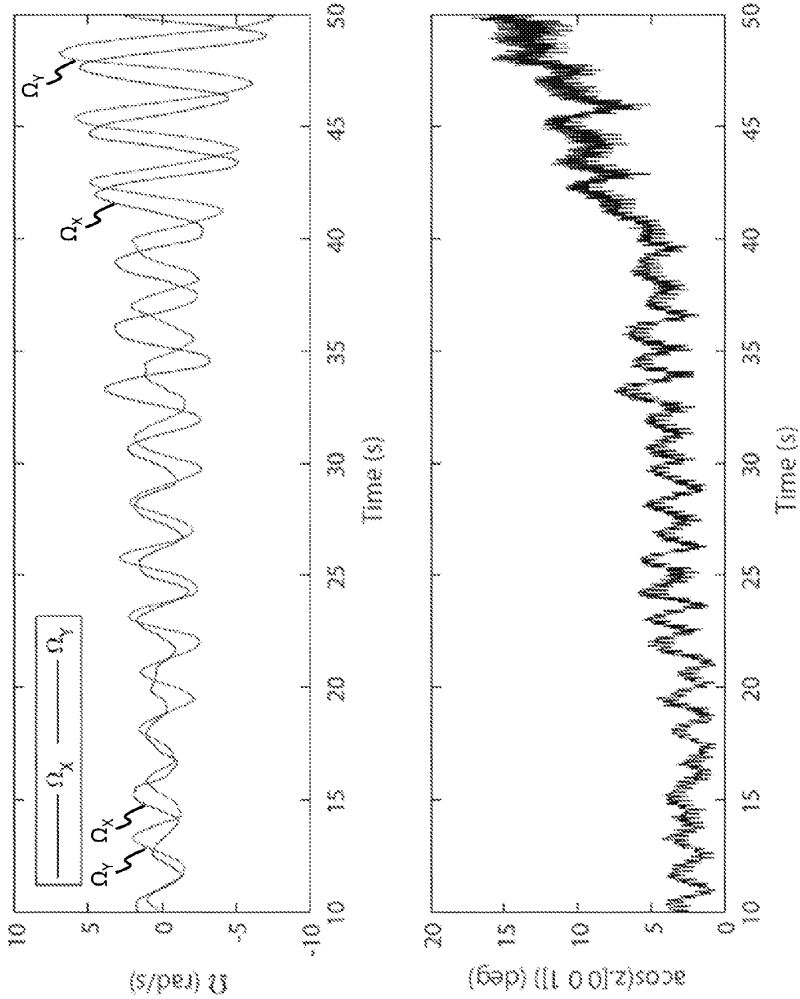


FIG. 11A

With attitude stabilization

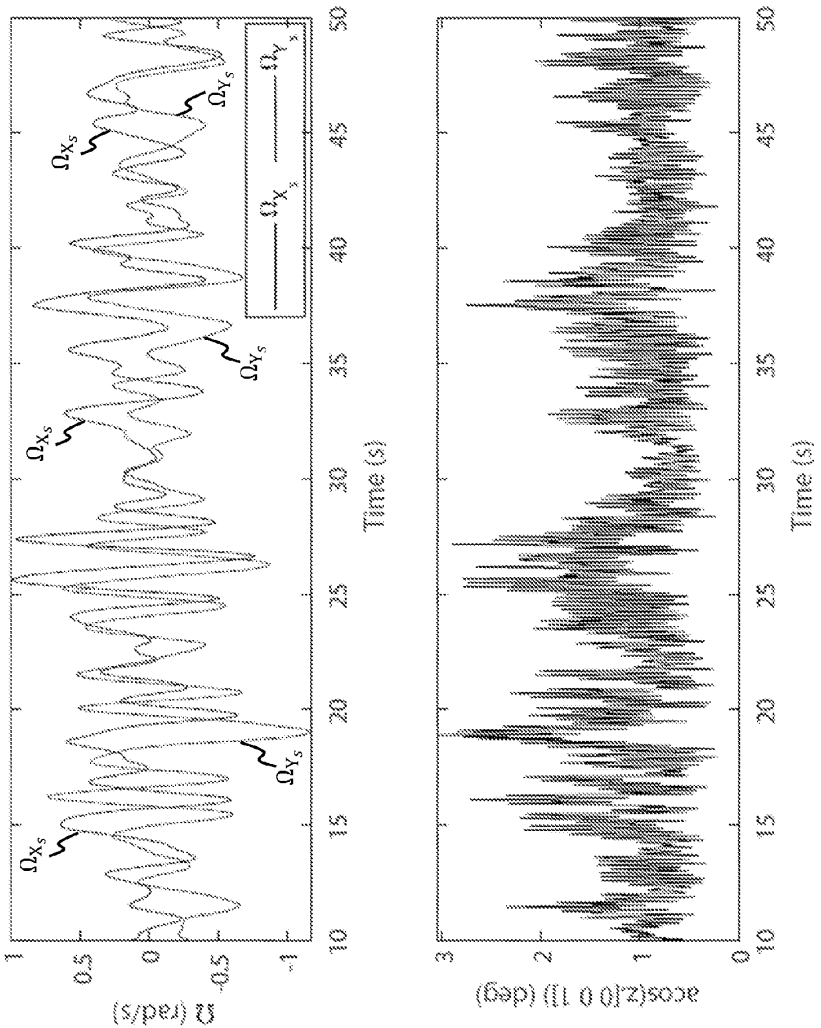


FIG. 11B

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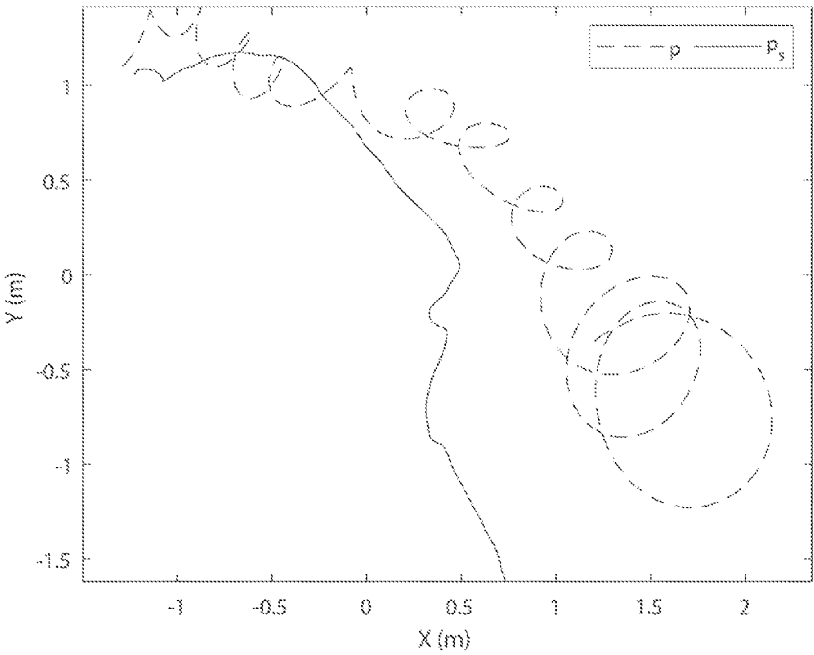
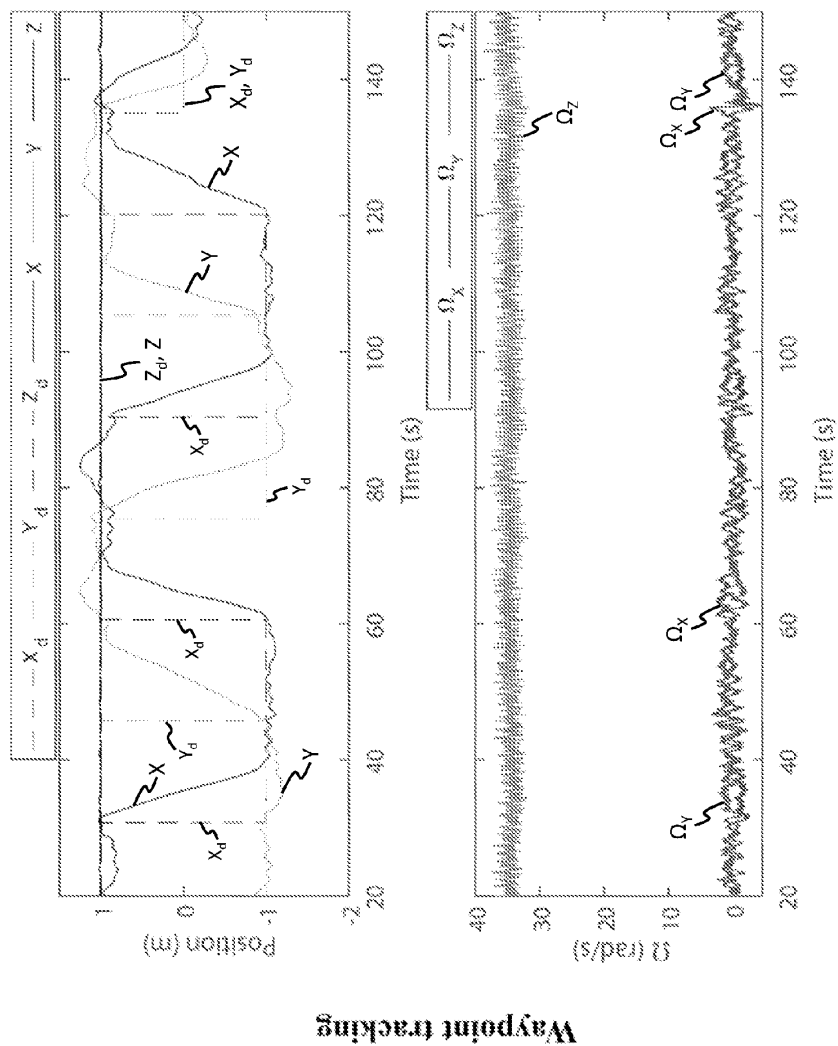
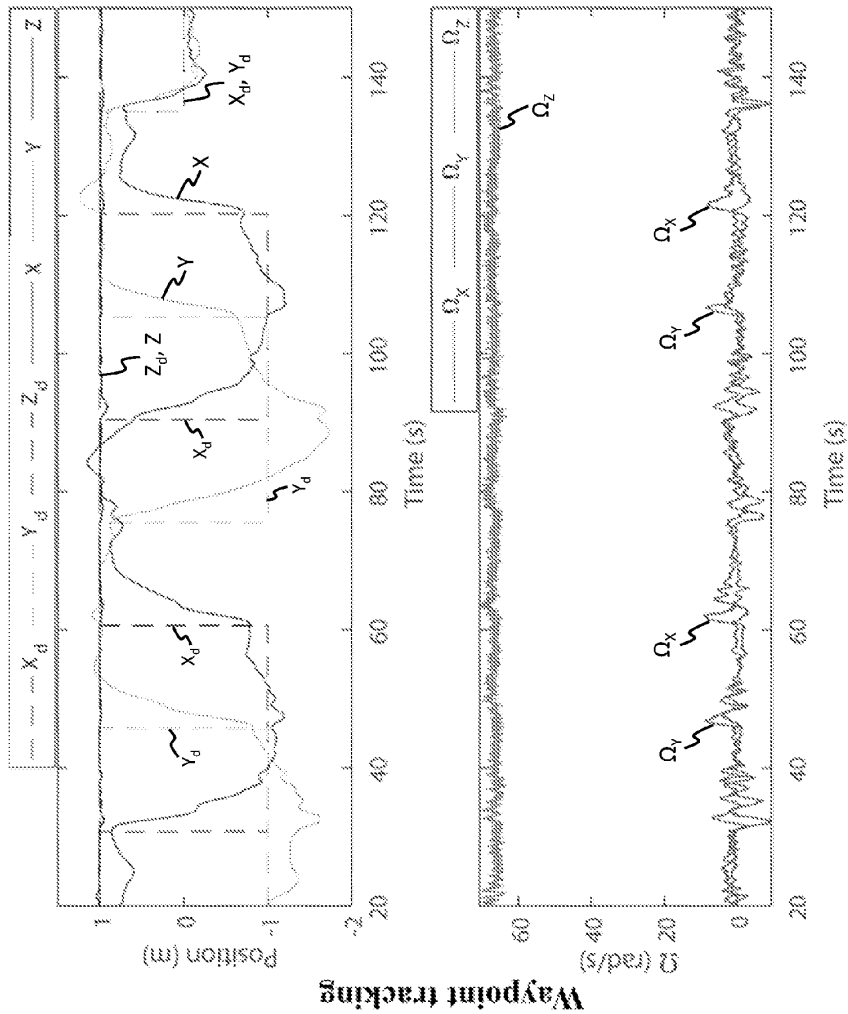


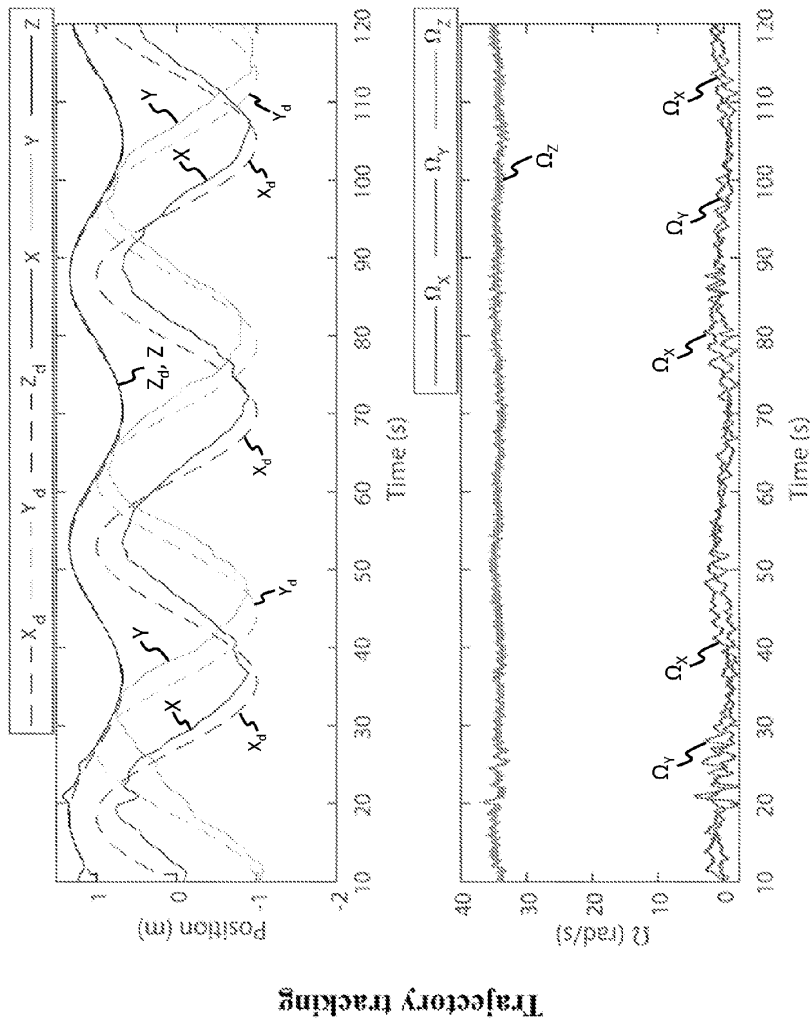
FIG. 12



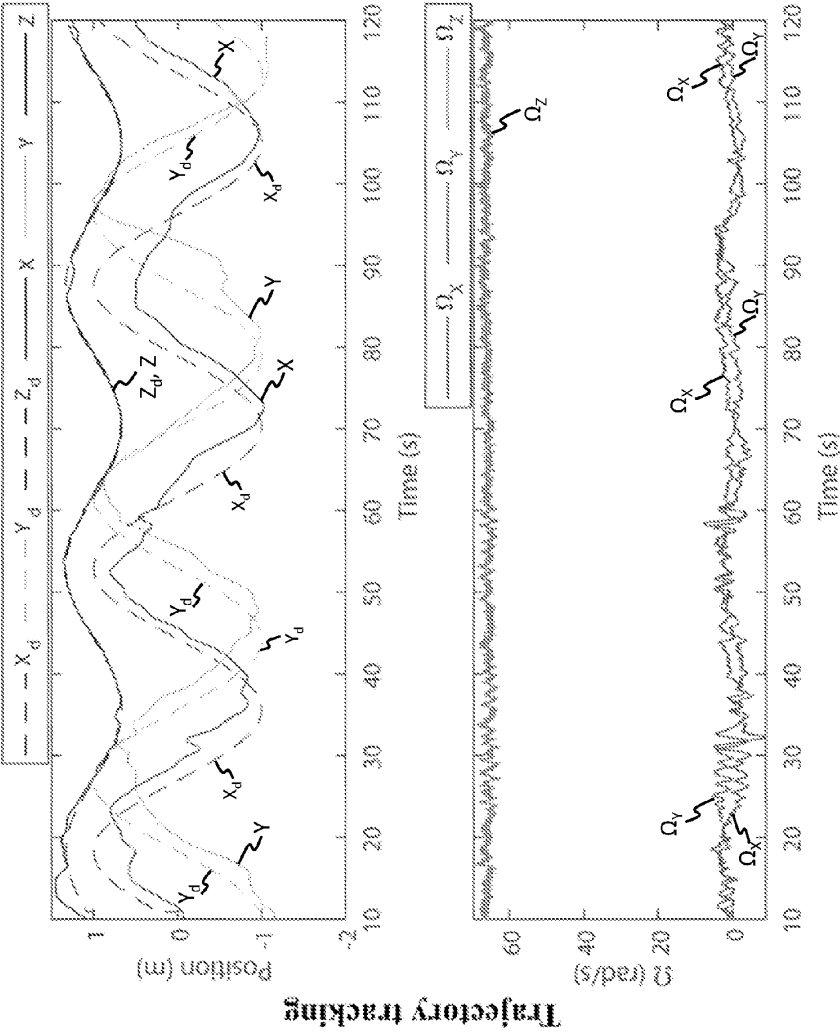
Extended configuration
FIG. 13A



Folded configuration
FIG. 13B



Extended configuration
FIG. 13C



Folded configuration
FIG. 13D

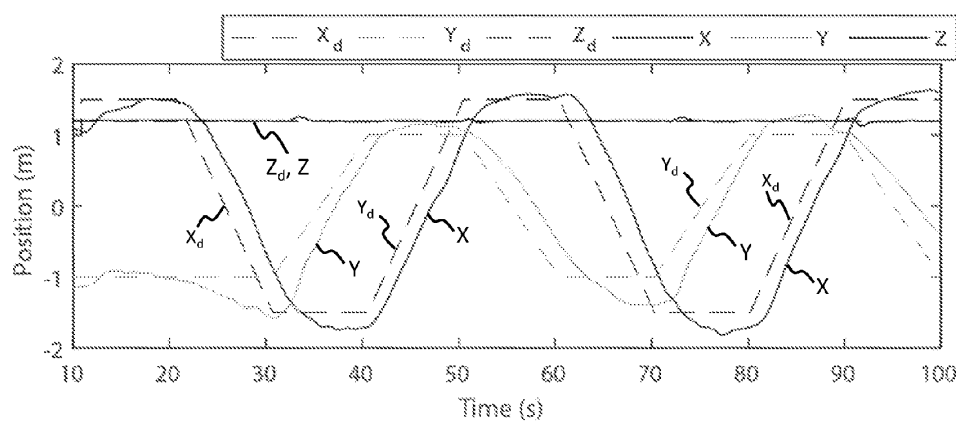


FIG. 14A

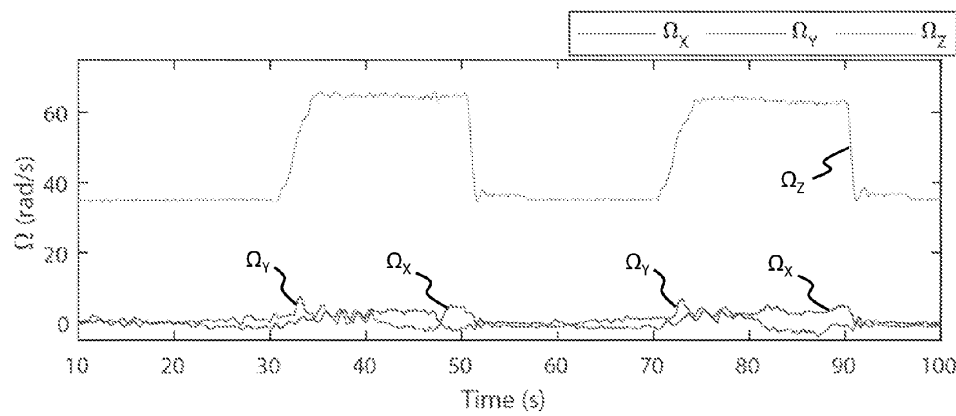


FIG. 14B

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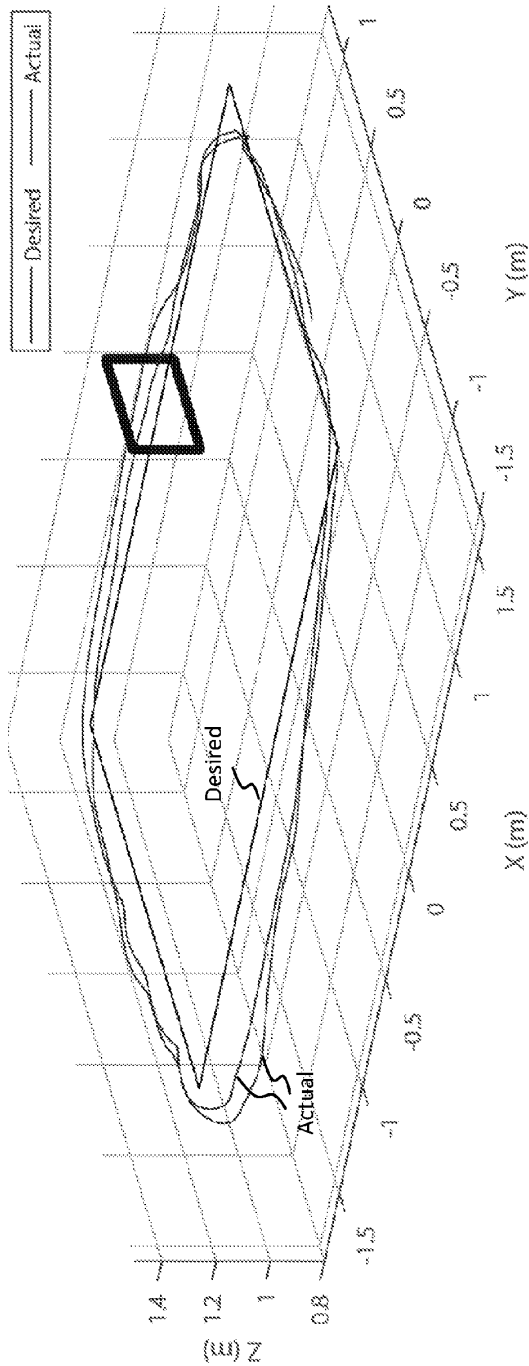


FIG. 14C

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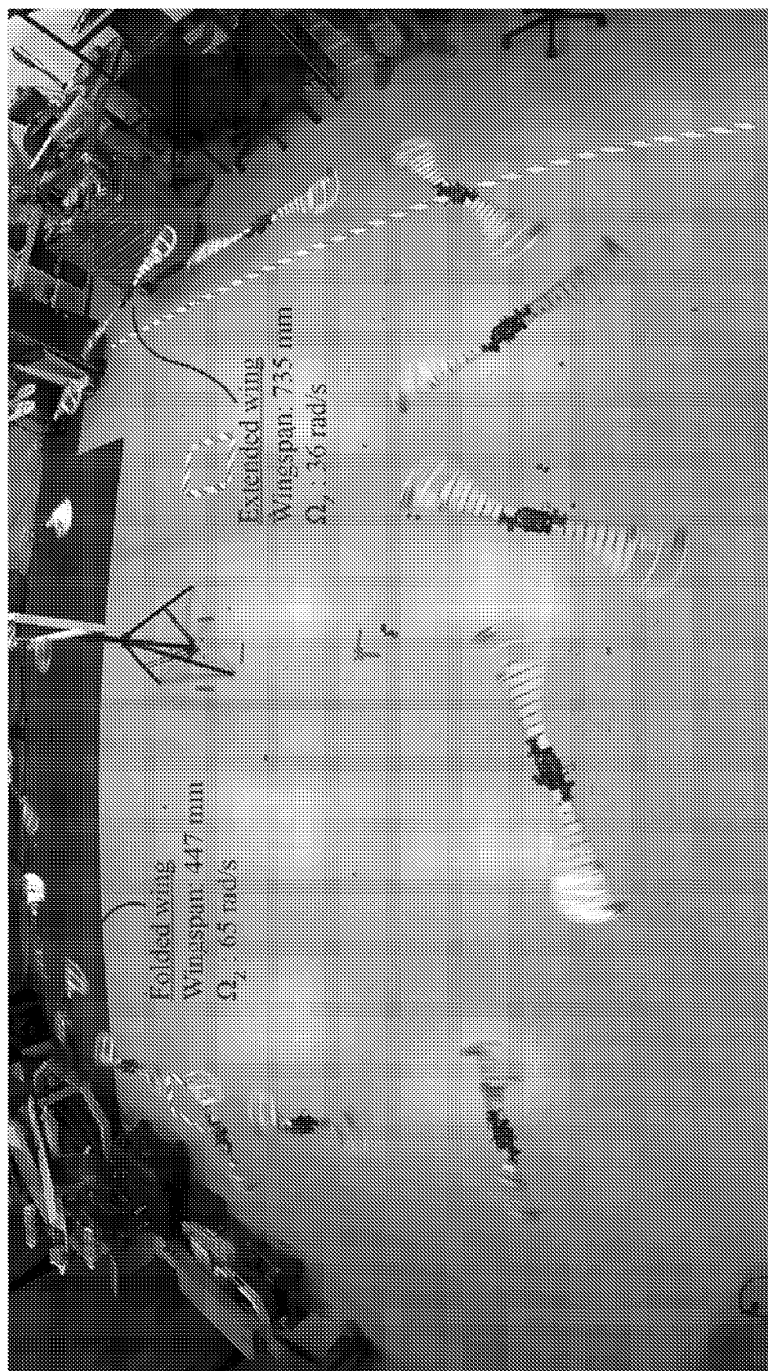


FIG. 14D

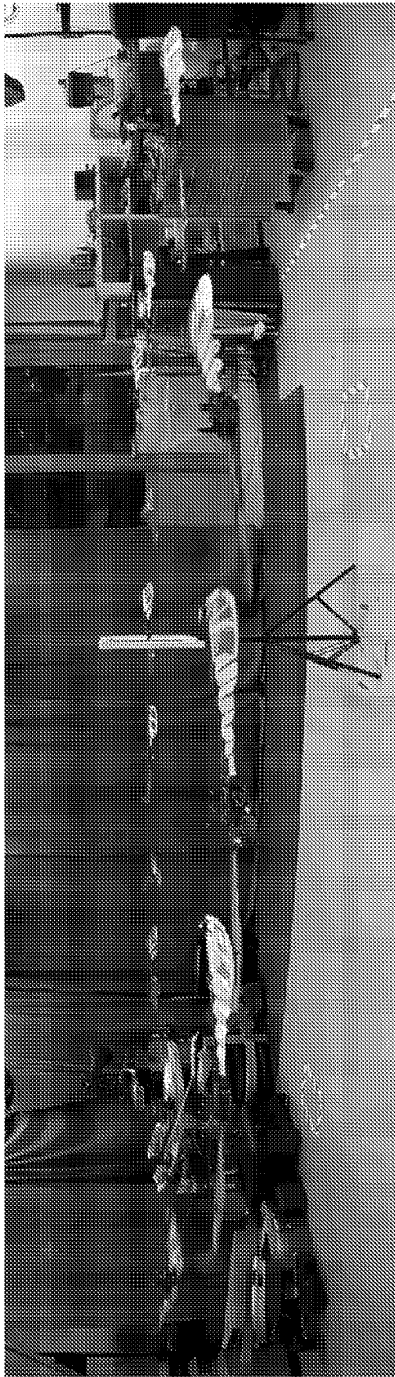


FIG. 14E

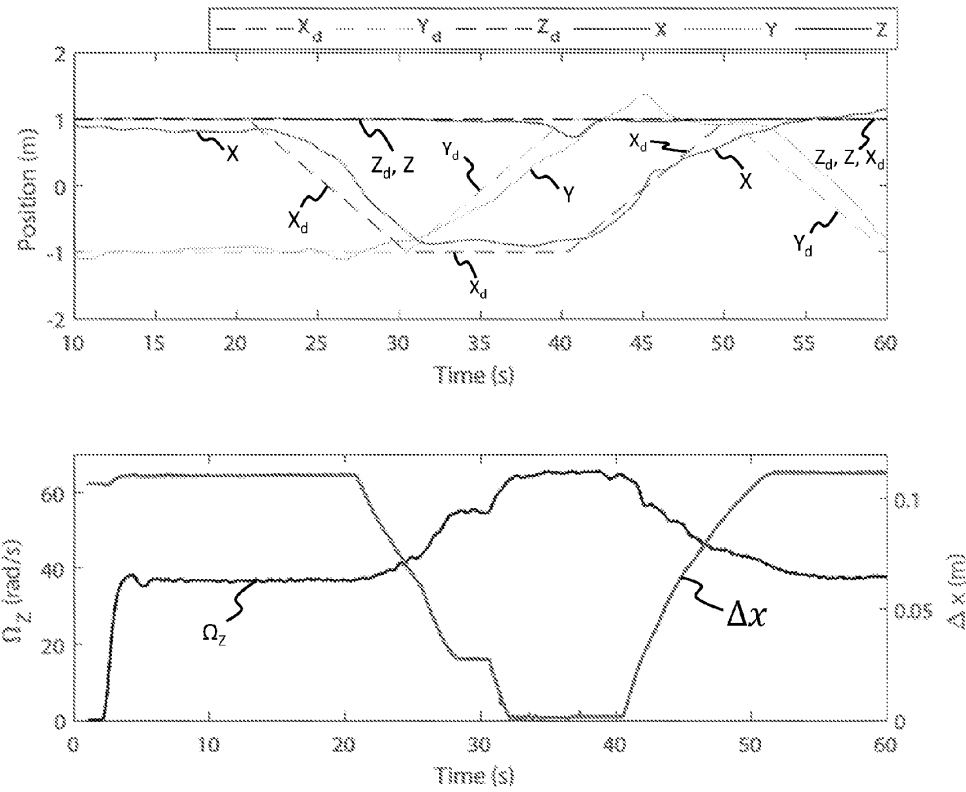


FIG. 15

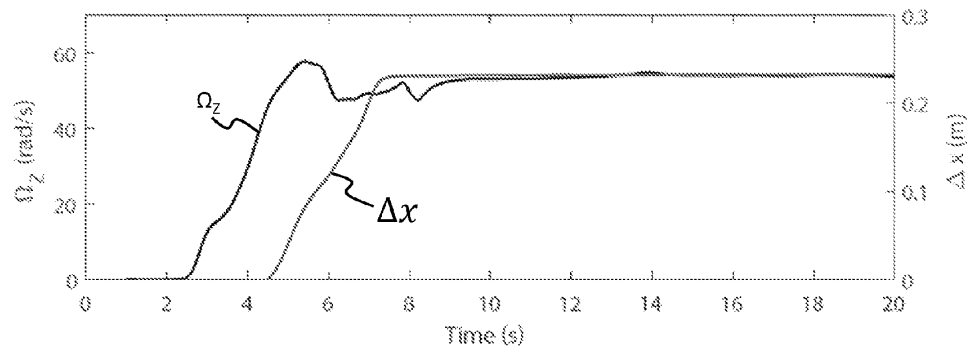


FIG. 16A

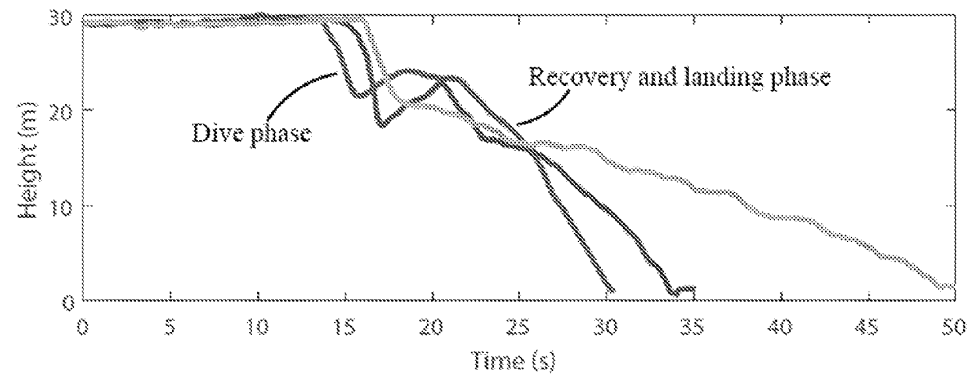


FIG. 16B

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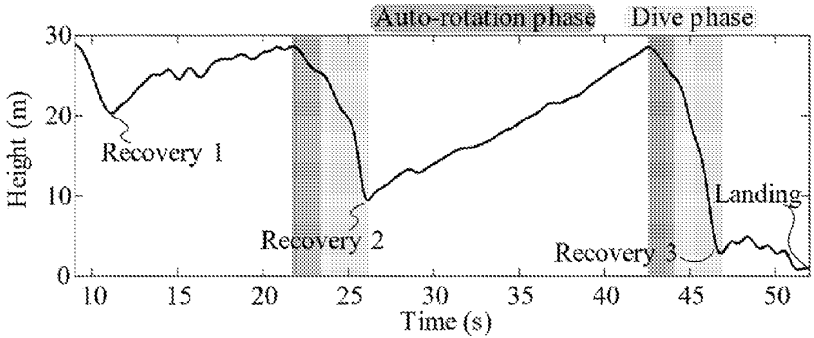


FIG. 17A

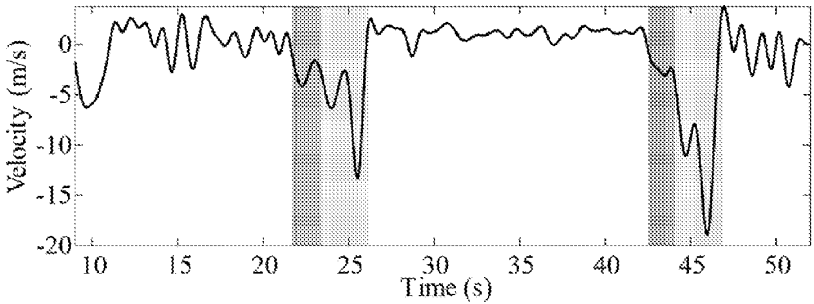


FIG. 17B

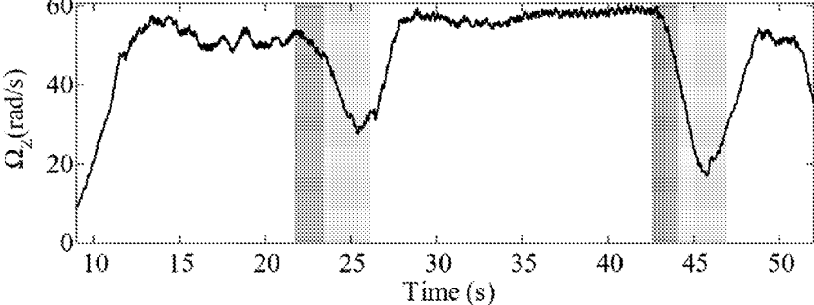


FIG. 17C

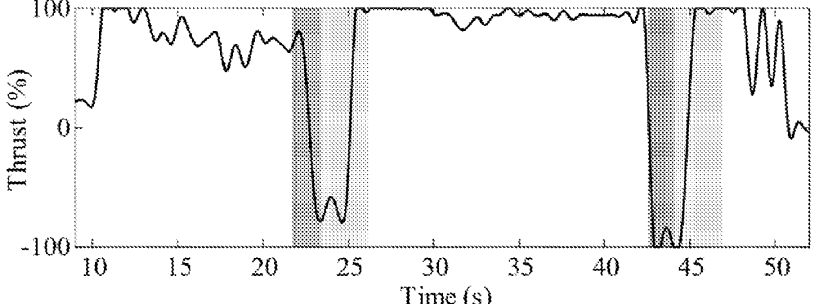


FIG. 17D

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FIG. 17E

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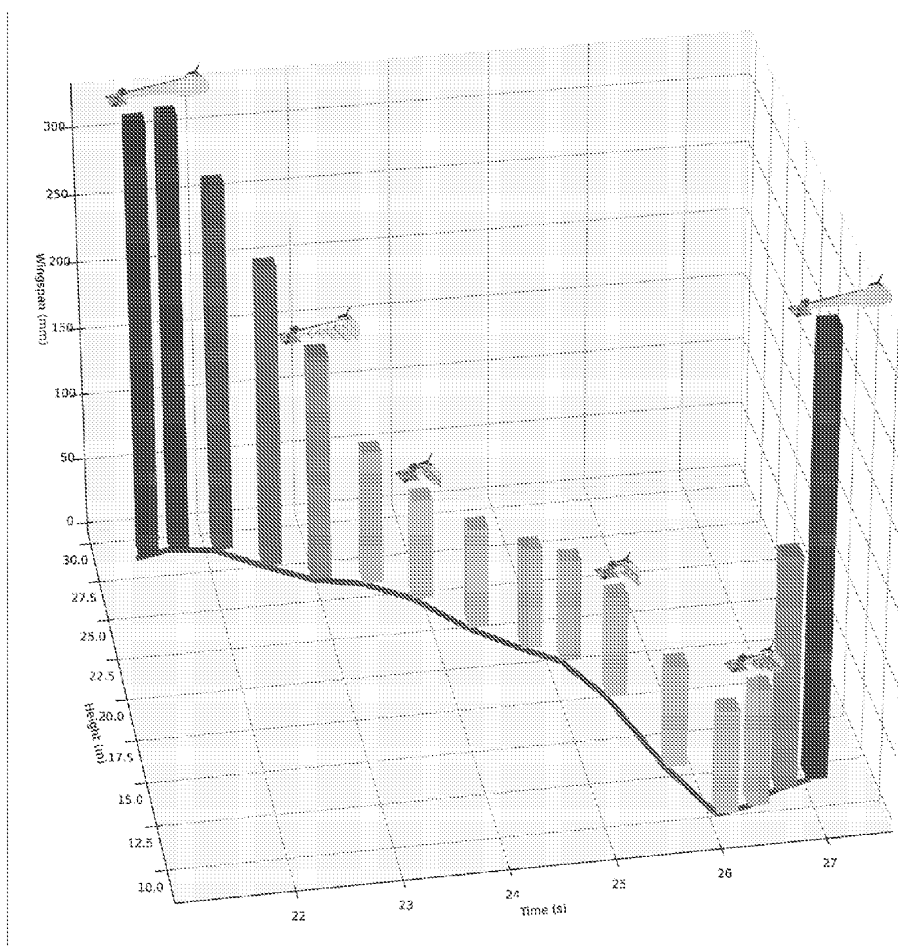


FIG. 18