

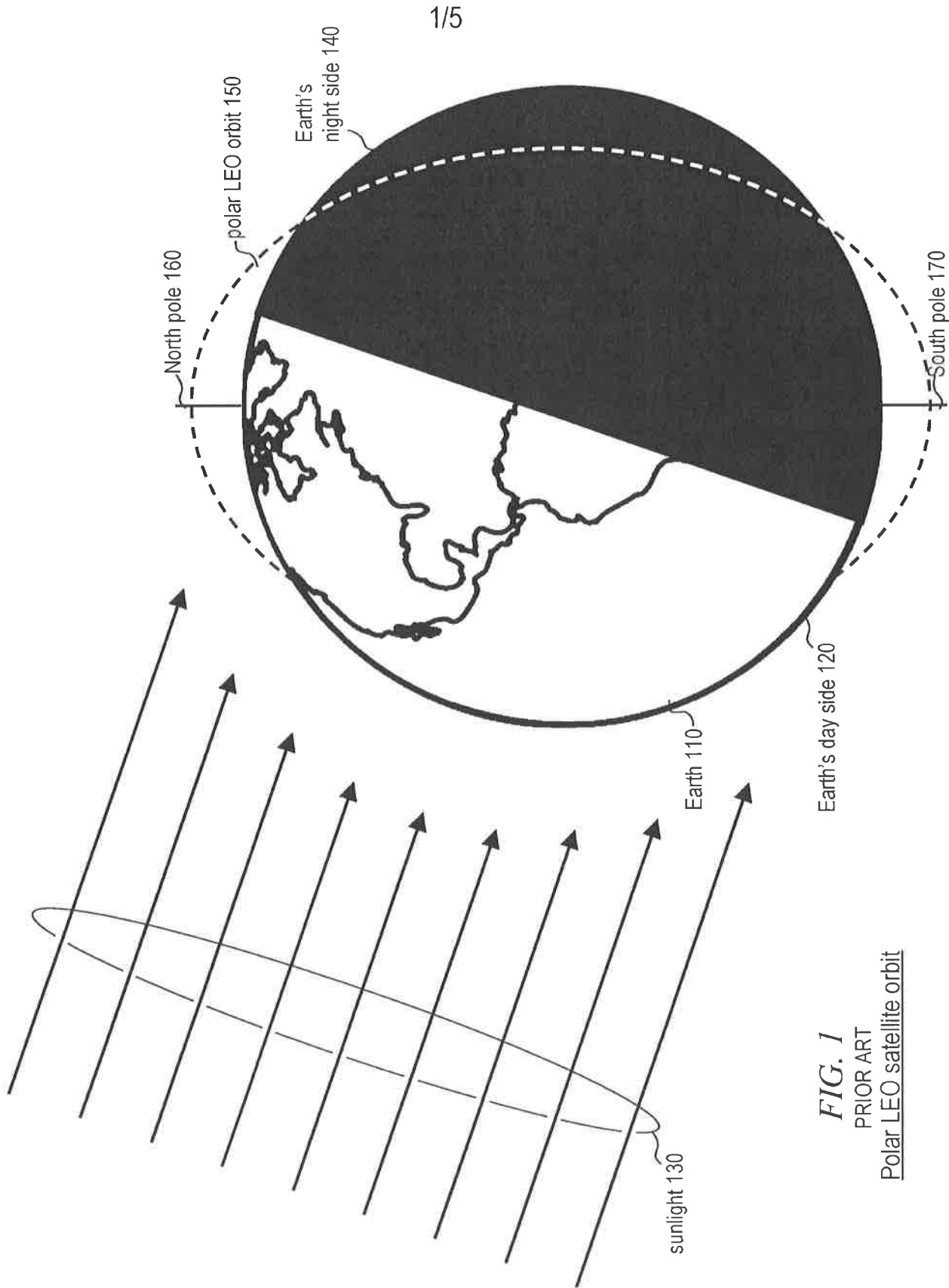
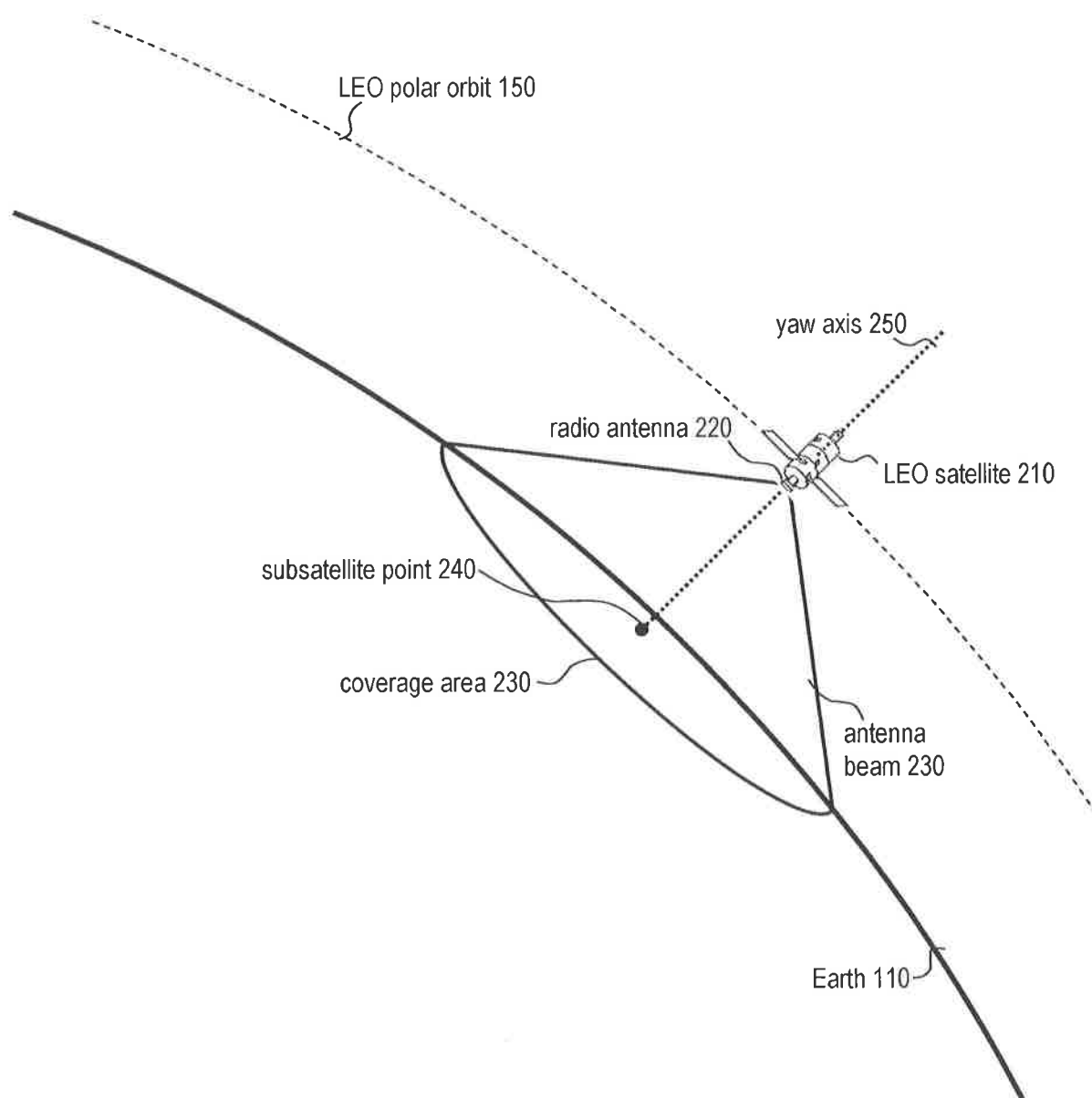


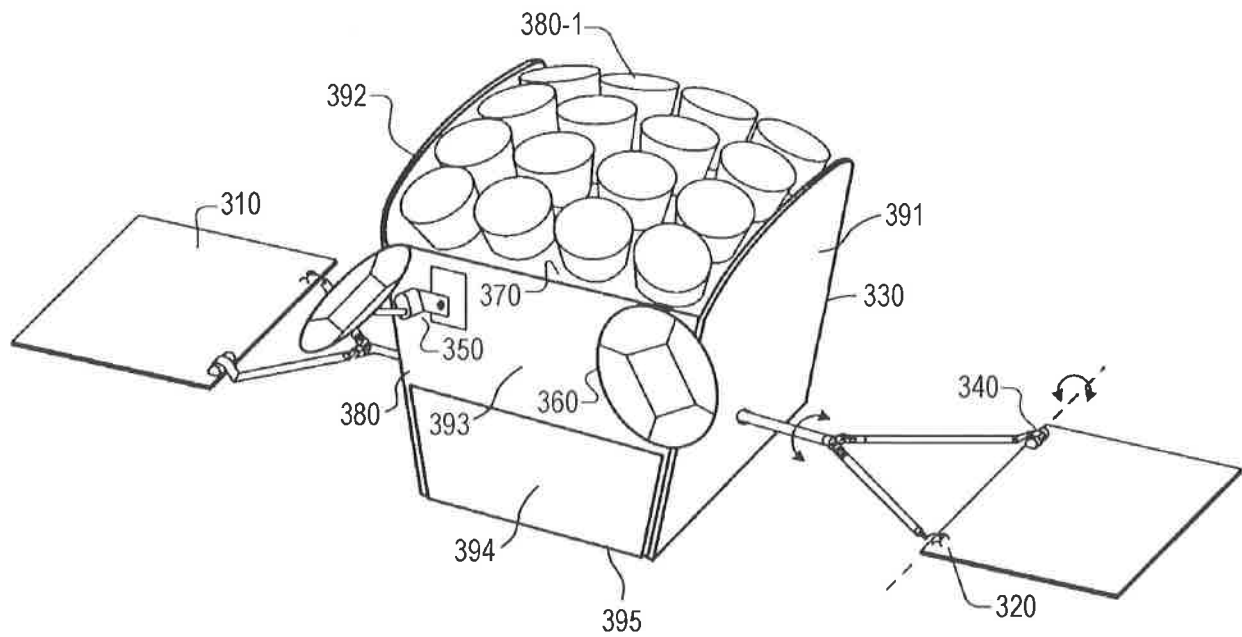
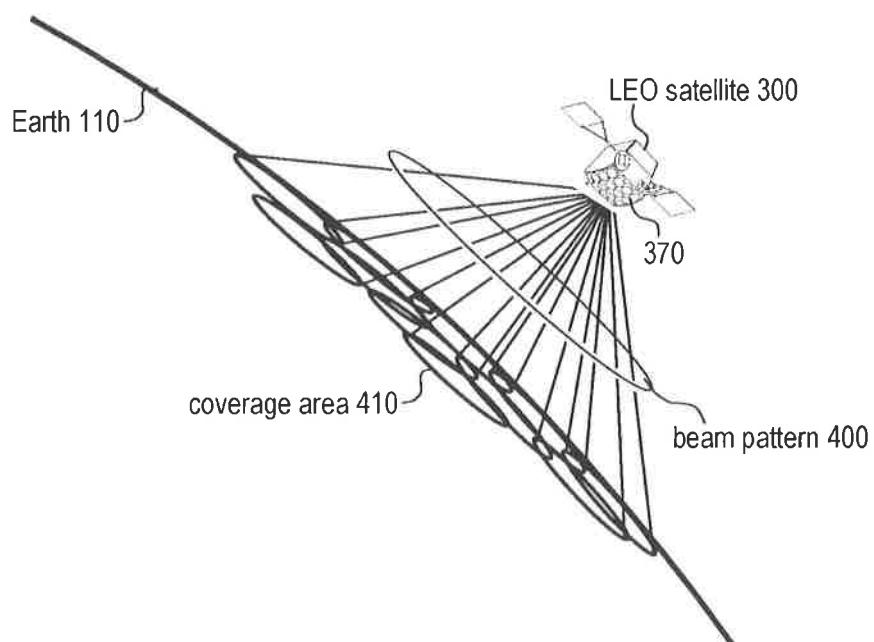
FIG. 1
PRIOR ART
Polar LEO satellite orbit

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FIG. 2
PRIOR ART
Circular antenna beam from LEO satellite



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FIG. 3Communication satellite 300 for LEO orbit**FIG. 4**Multiple-beam pattern 400 from LEO satellite 300

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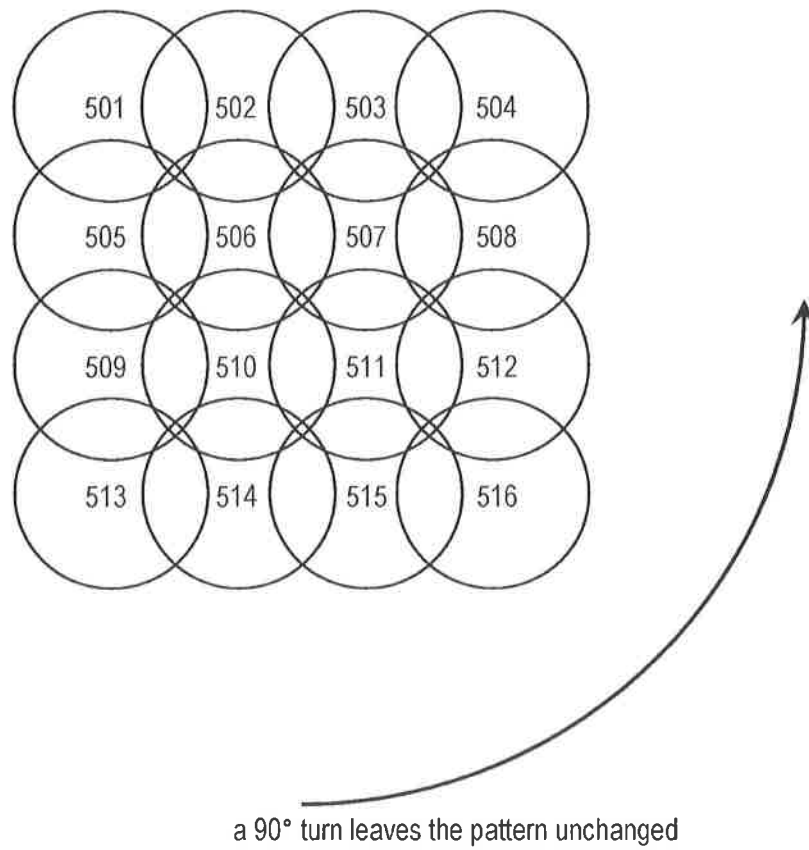
*FIG. 5*Pattern of coverage areas 500 generated by satellite 300

FIG. 6
Illustration of beta angle

