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[Continued on next page]

- (54) **Title:** SPOT BEAM BASED AUTHENTICATION OF A SATELLITE RECEIVER

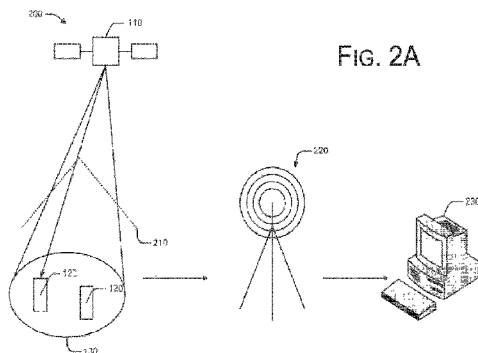


FIG. 2A

- (57) **Abstract:** In one embodiment, a method to authenticate a claimant comprises receiving, from the claimant, at least one of a set of beam data from a spot beam transmission, comparing the claimed at least one set of beam data to a known valid data set, and authenticating the claimant when a difference between at least one set of beam data and the known valid data set is less than a threshold.

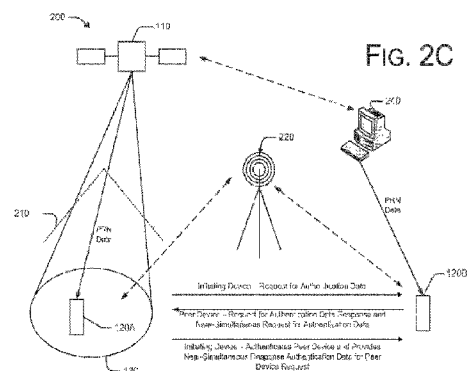


FIG. 2C



LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK,
SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
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