

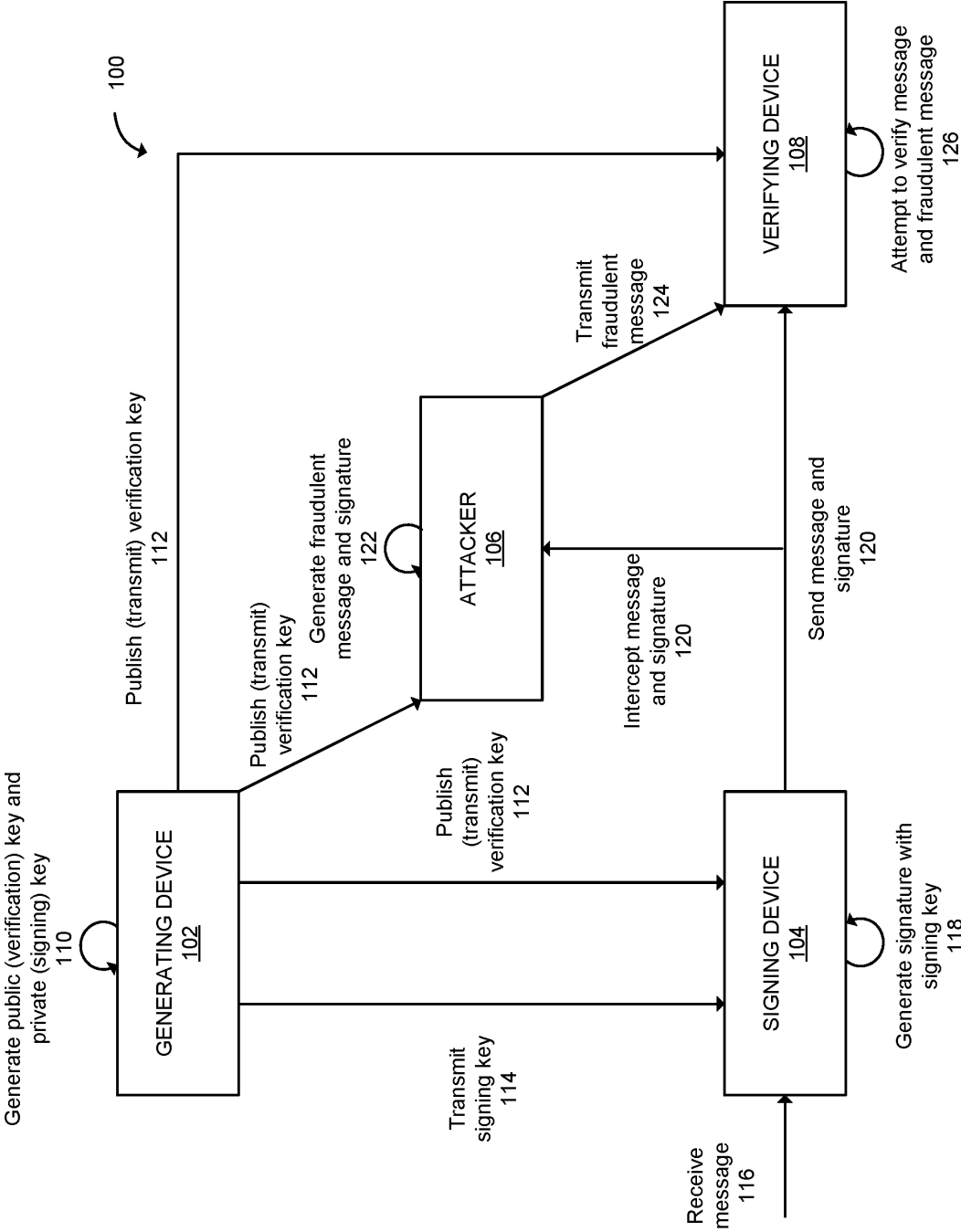


FIG. 1

LWE Problem

$$A^T \cdot S^T + E^T = Y^T$$

SEARCH: Given (A, Y) find S or E
DECISION: Given (A, Y), decide if LWE sample or Random

FIG. 2

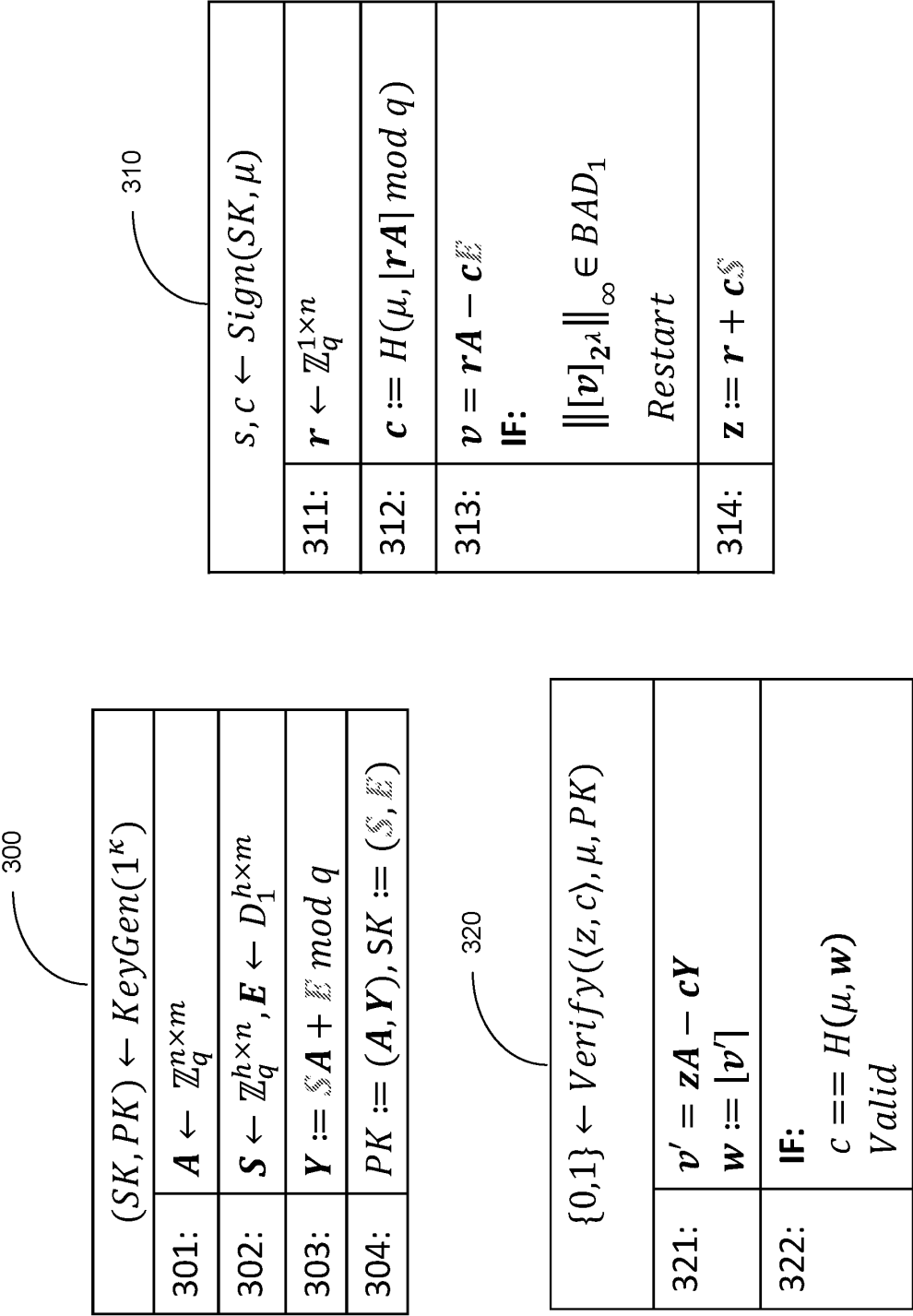


FIG. 3

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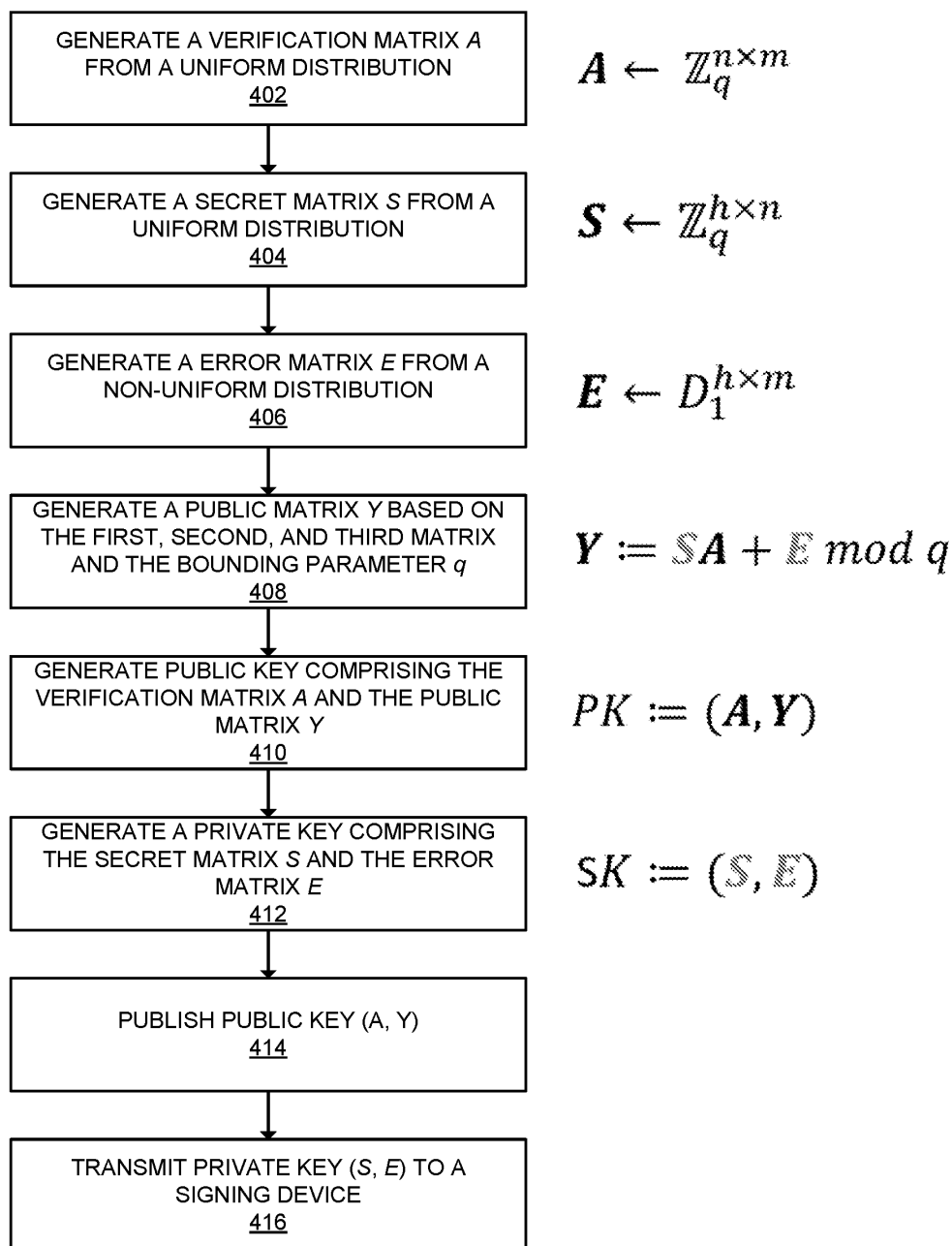


FIG. 4

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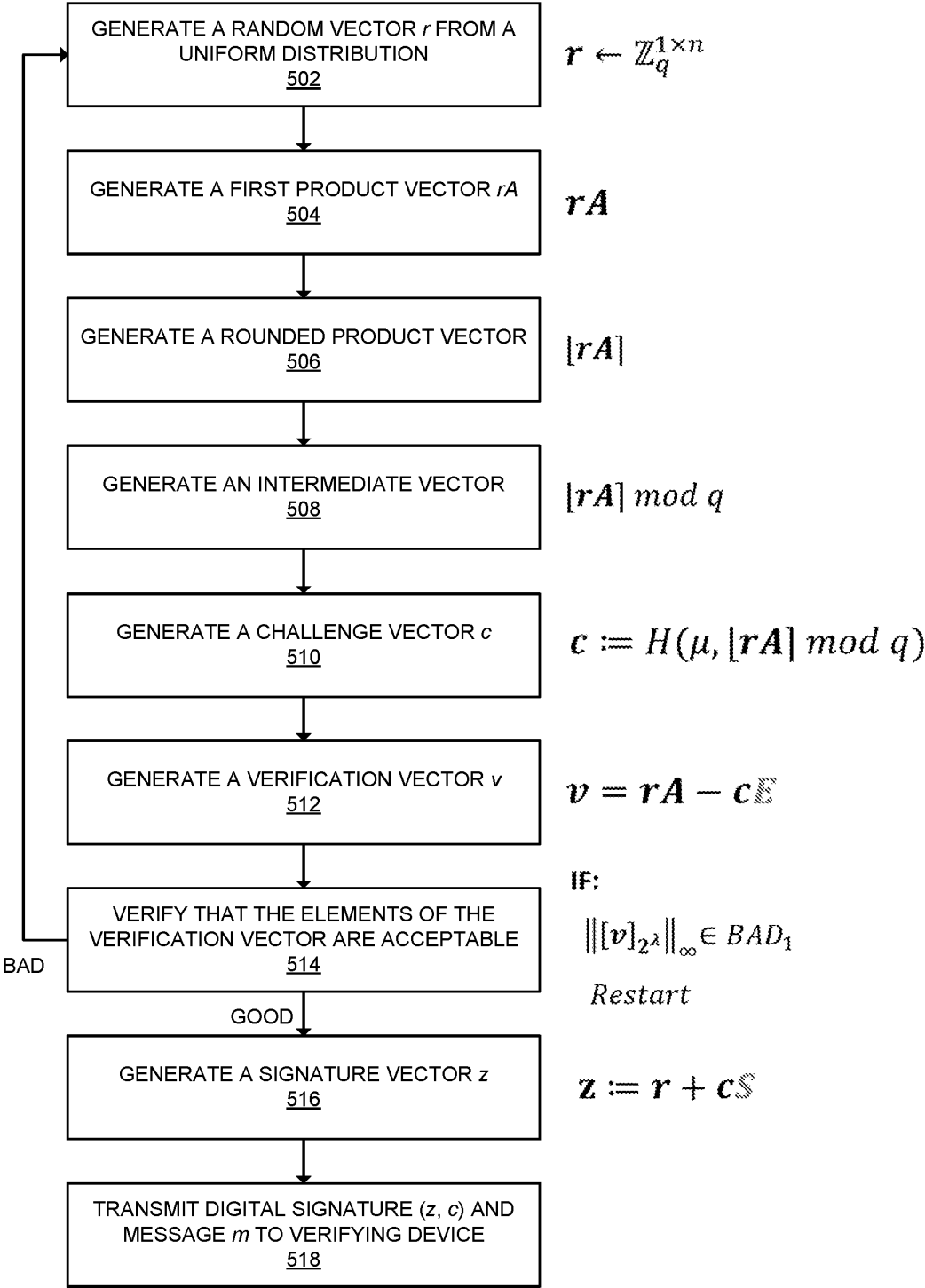


FIG. 5

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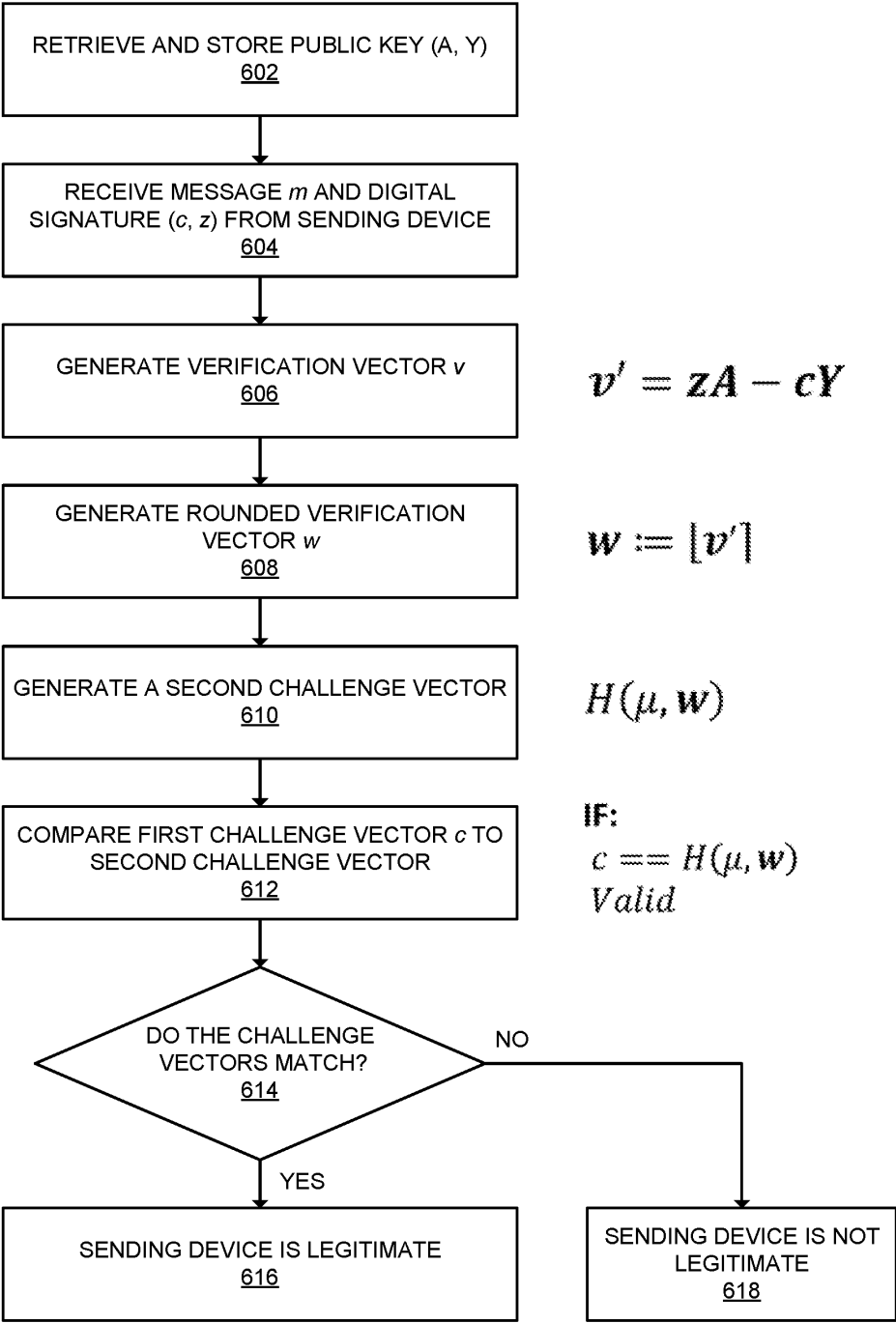


FIG. 6

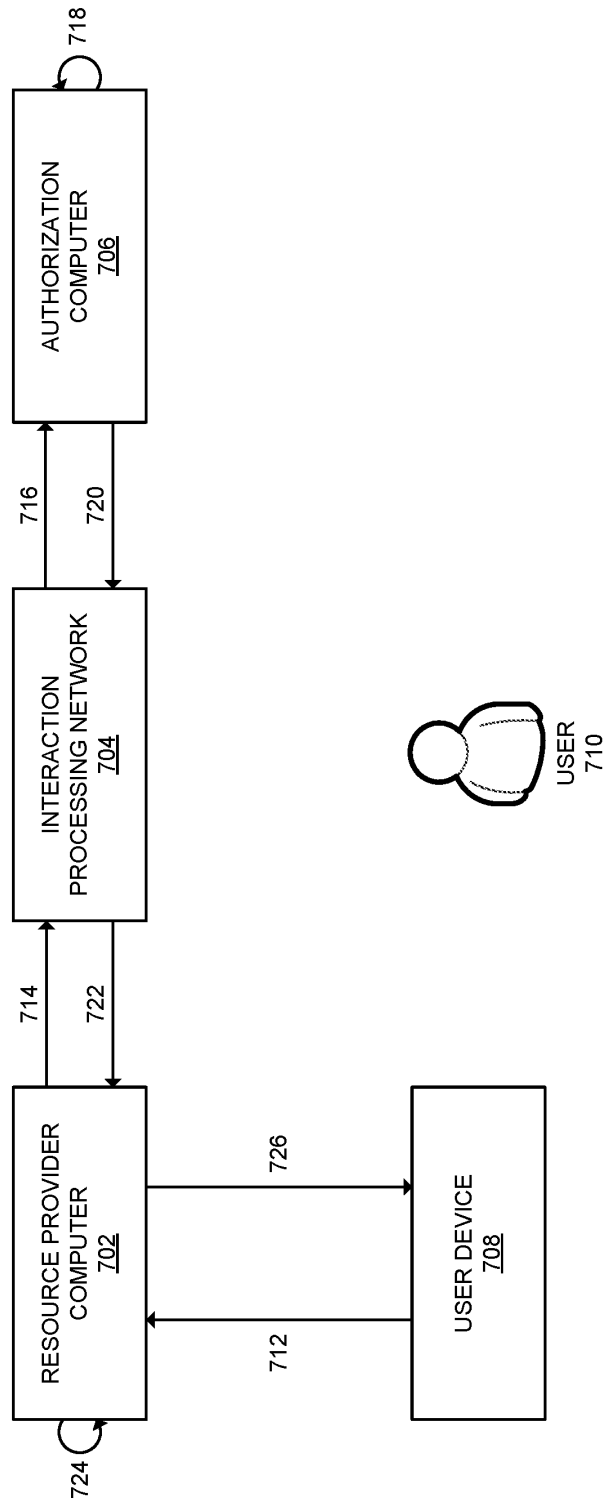


FIG. 7

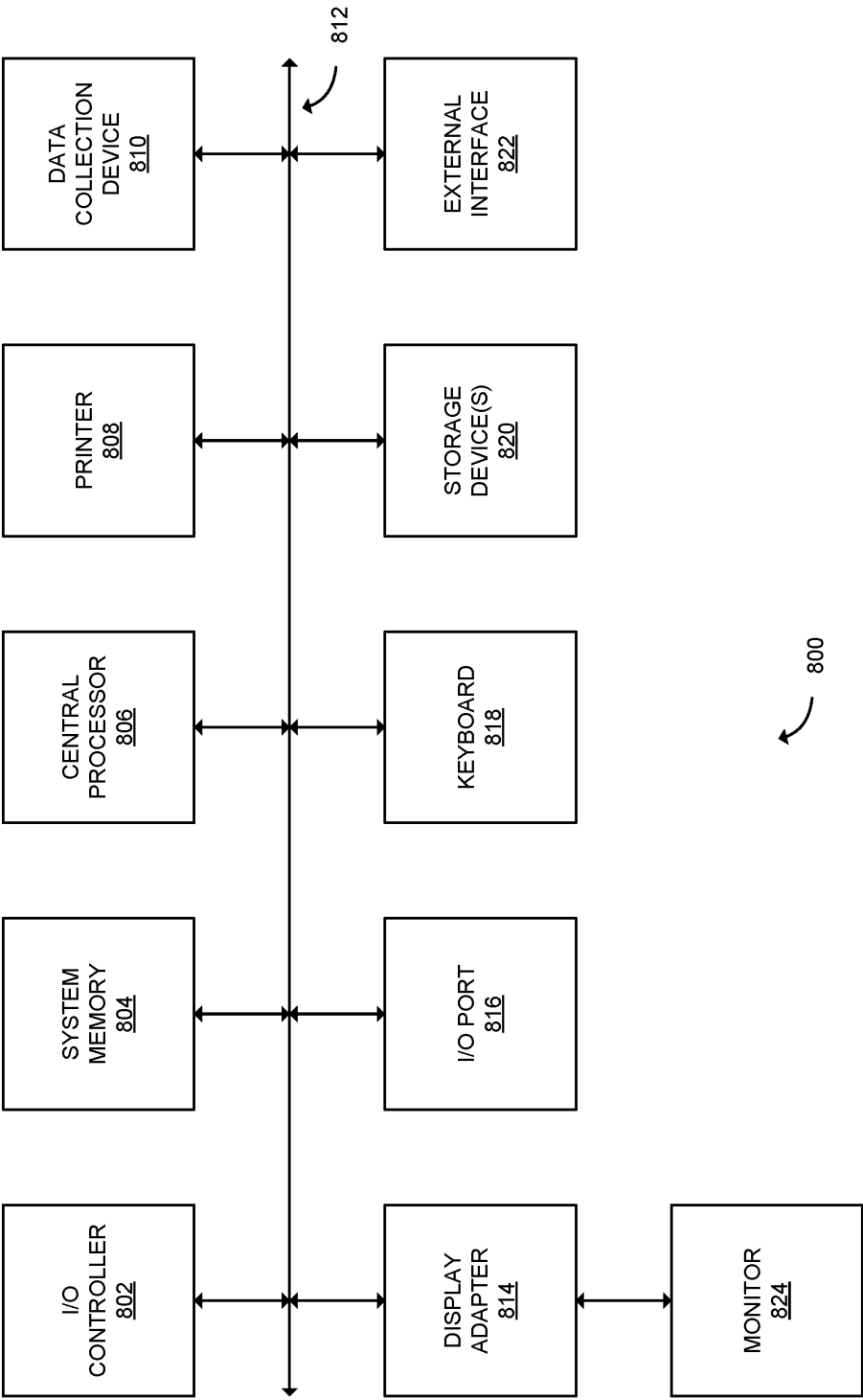


FIG. 8