

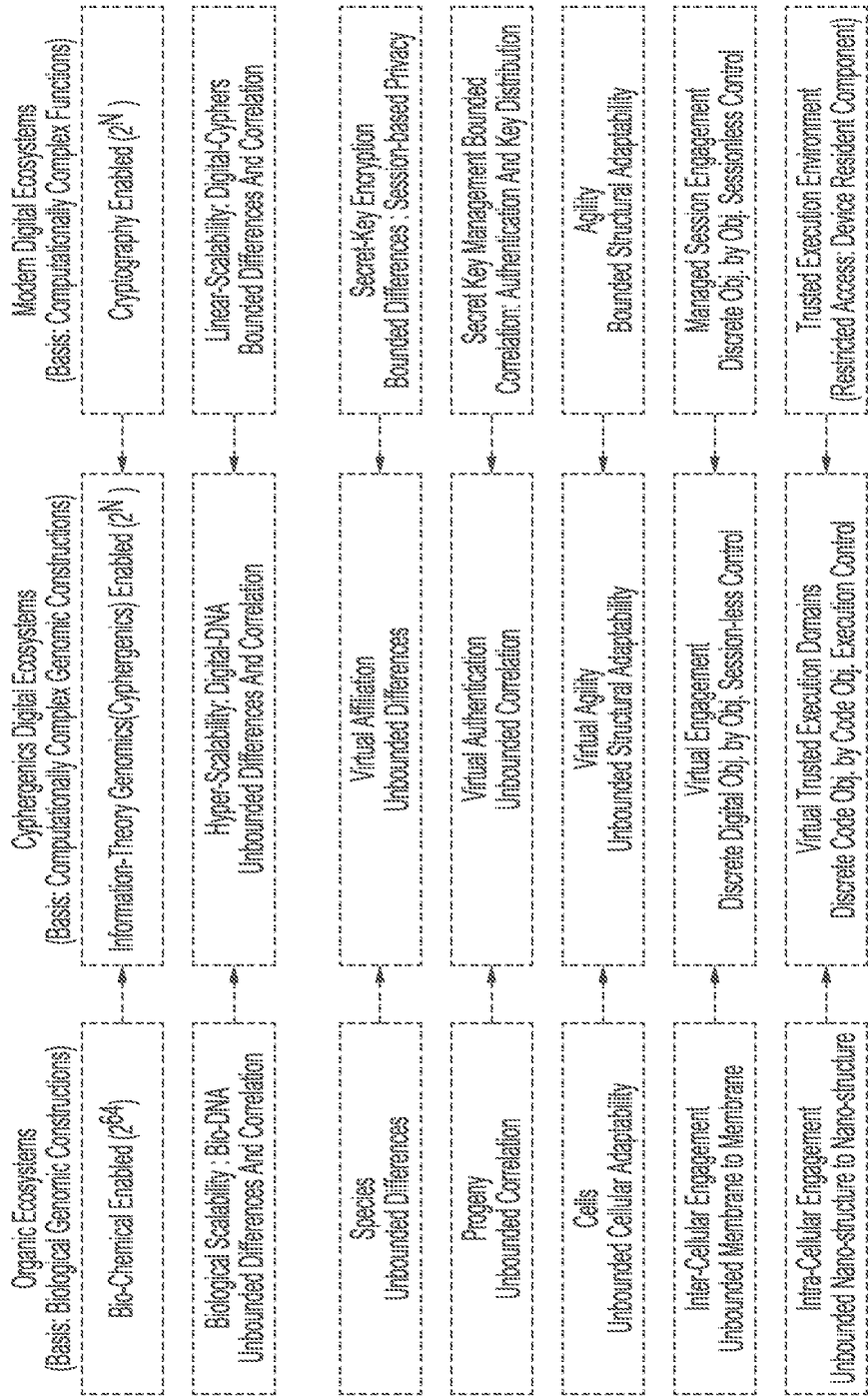


FIG. 1

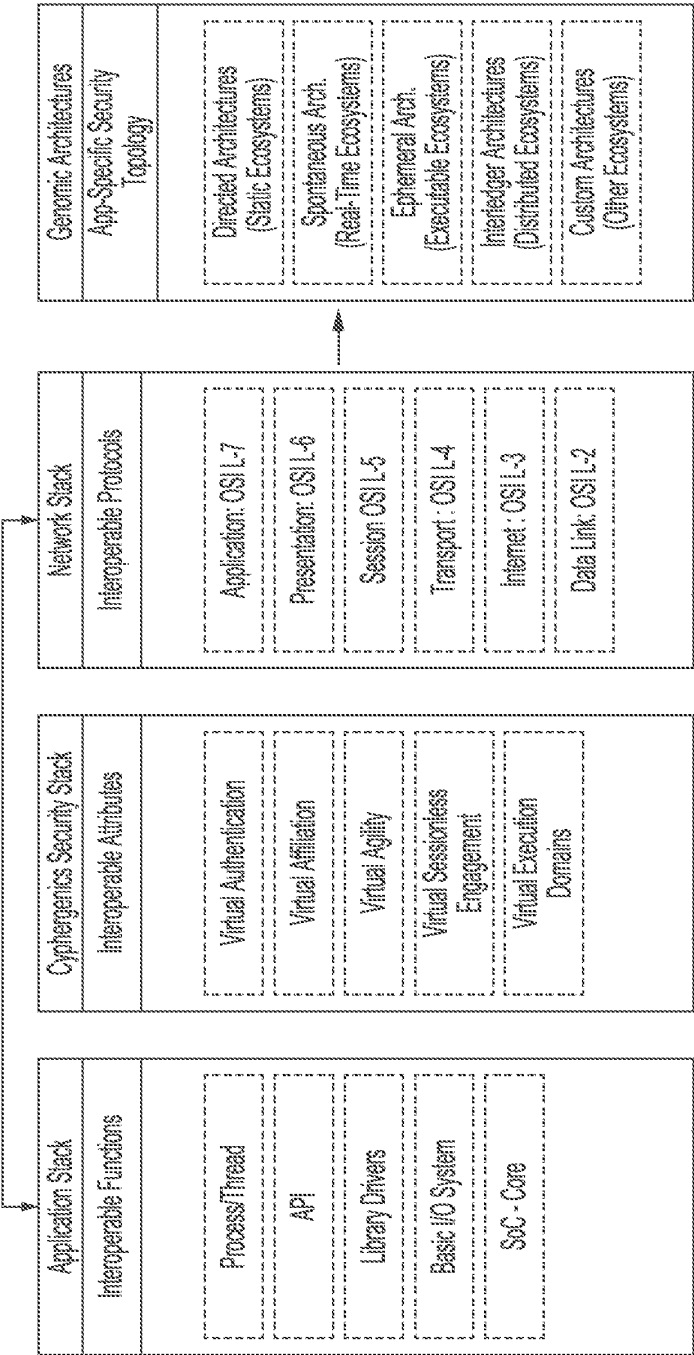


FIG. 2

CYPHERGENICS (CG): TECHNOLOGY ENABLES COMPREHENSIVE POST QUANTUM SECURITY:

	PKI : POST QUANTUM	QKD : POST QUANTUM	CYPHERGENICS : POST QUANTUM
SECURITY COHORT ID ATTRIBUTES			
Authentication : Facilitation	Trusted Third Party	Trusted Third Party	Digital-Cohort to Digital-Cohort
Non-Repudiation : Facilitation	Trusted Third Party	Trusted Third Party	Digital-Cohort to Digital-Cohort
Integrity : Facilitation	Message	Message	Digital Object by Digital Object
SECURITY TECHNOLOGY ATTRIBUTES			
Key Mgmt. : Basis	Under Development	Quantum Phenomena	Virtual Binary Language Script (VBLS)
Encryption : Basis	Under Development	Quantum Phenomena	Virtual Binary Language Script (VBLS)
Engagement : Scalability	One to Many	One to One	Many to Many
SECURITY APPLICATION ATTRIBUTES			
Domain	Network	Optical Communications Networks	Global Digital Ecosystems
Function	Data Transport	Data Transport	Security-Instance by Security-Instances
Engagement	Device to Device	Photon Detector to Photon Detector	Digital-Cohort to Digital-Cohort
Primary Application	Session Managed Engagement	Session Managed Engagement	Security Architecture Generation
SECURITY ENGAGEMENT ATTRIBUTES			
Session Coordination	Per Engagement	Per Engagement	Obscured by VBLS
Secret Key Generation	Per Engagement	Per Engagement	Obscured by VBLS
Secret Key Exchange	Per Engagement	Per Engagement	Obscured by VBLS
Secret Key Retention	Per Engagement	Per Engagement	Obscured by VBLS

FIG. 3

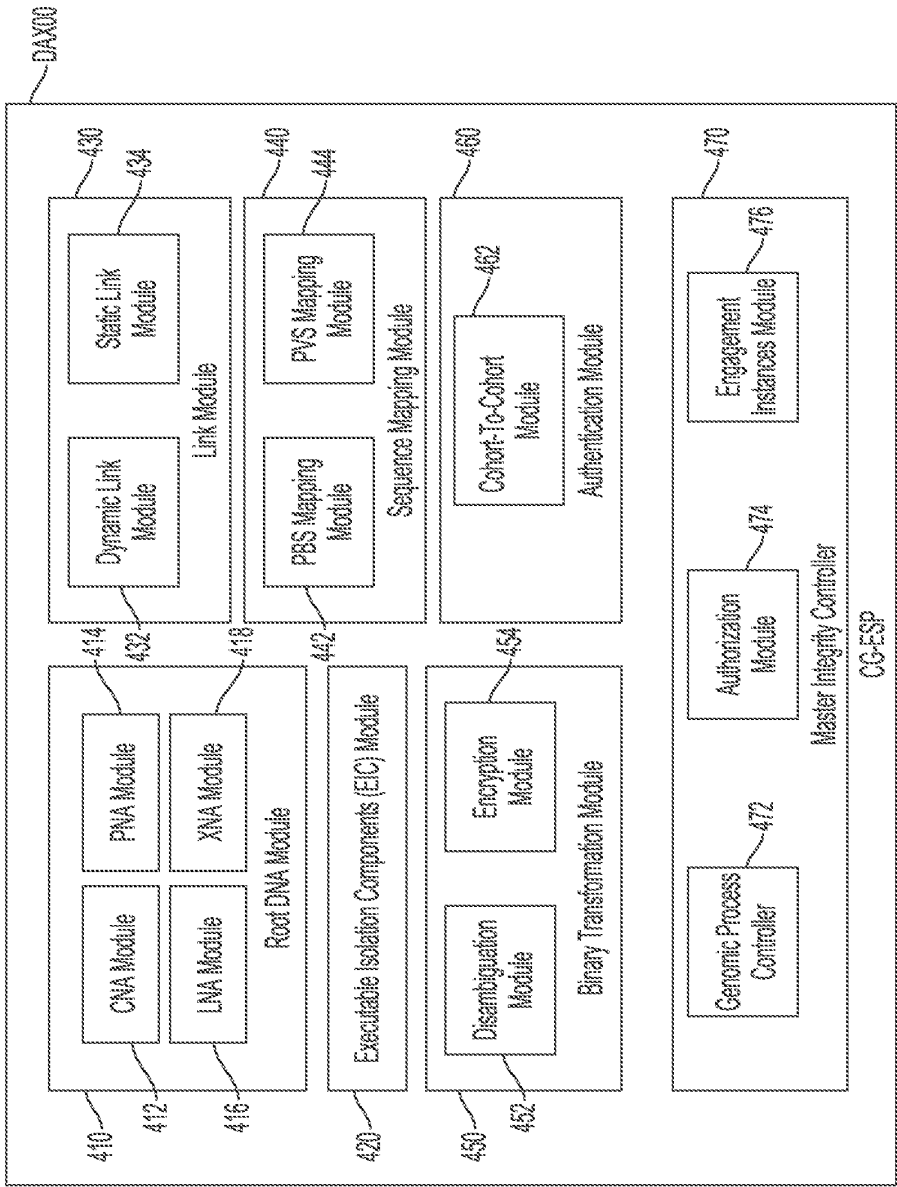


FIG. 4

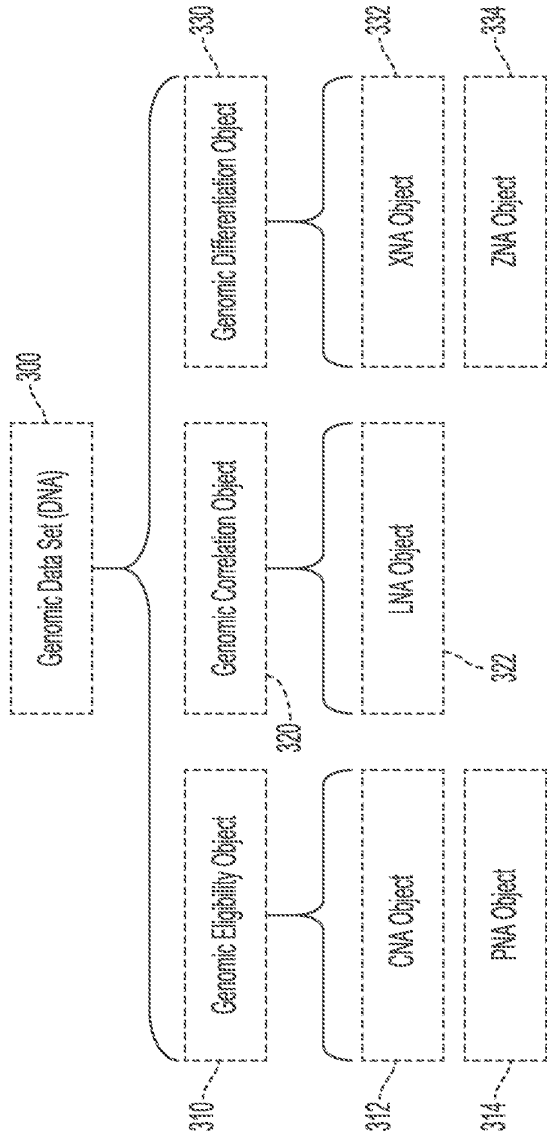


FIG. 5

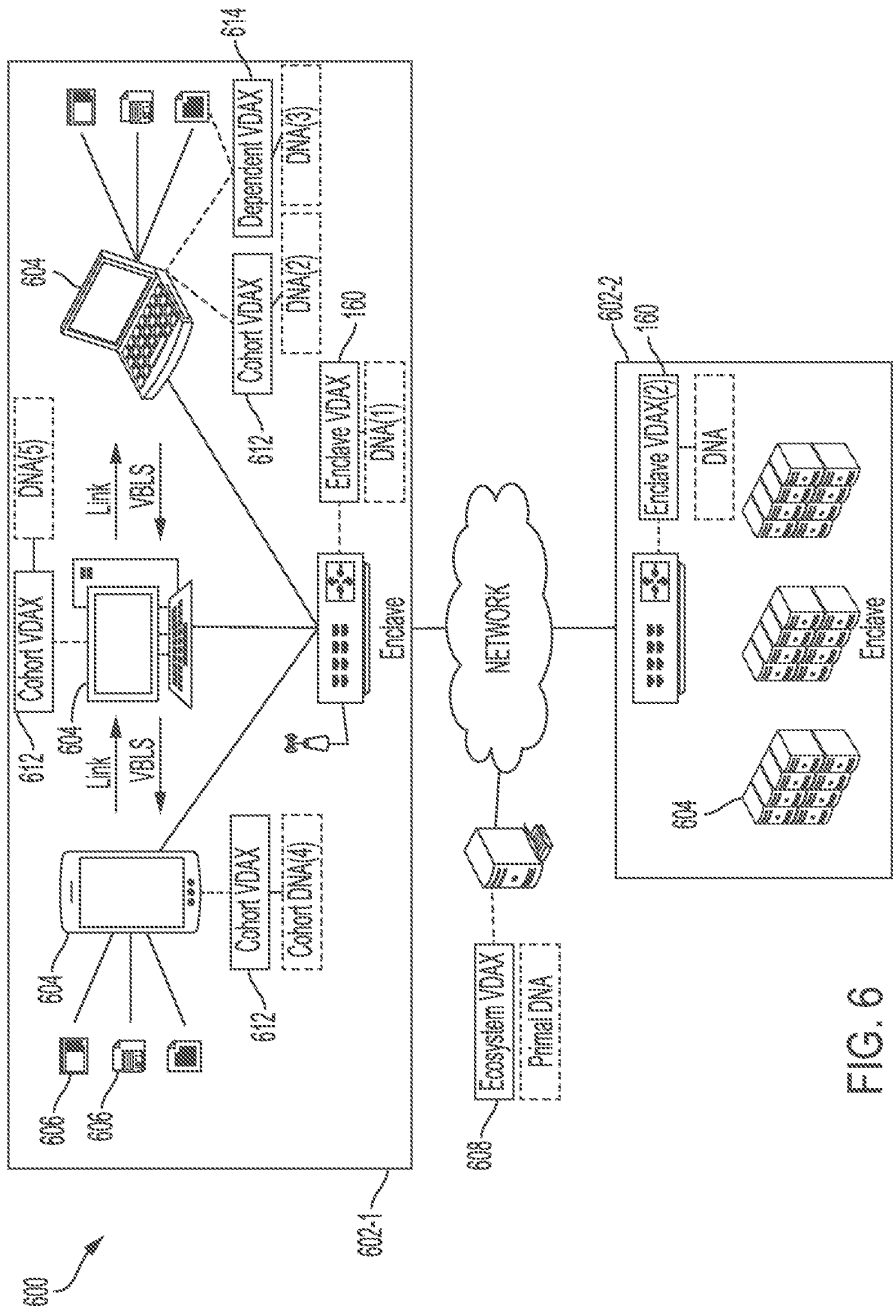
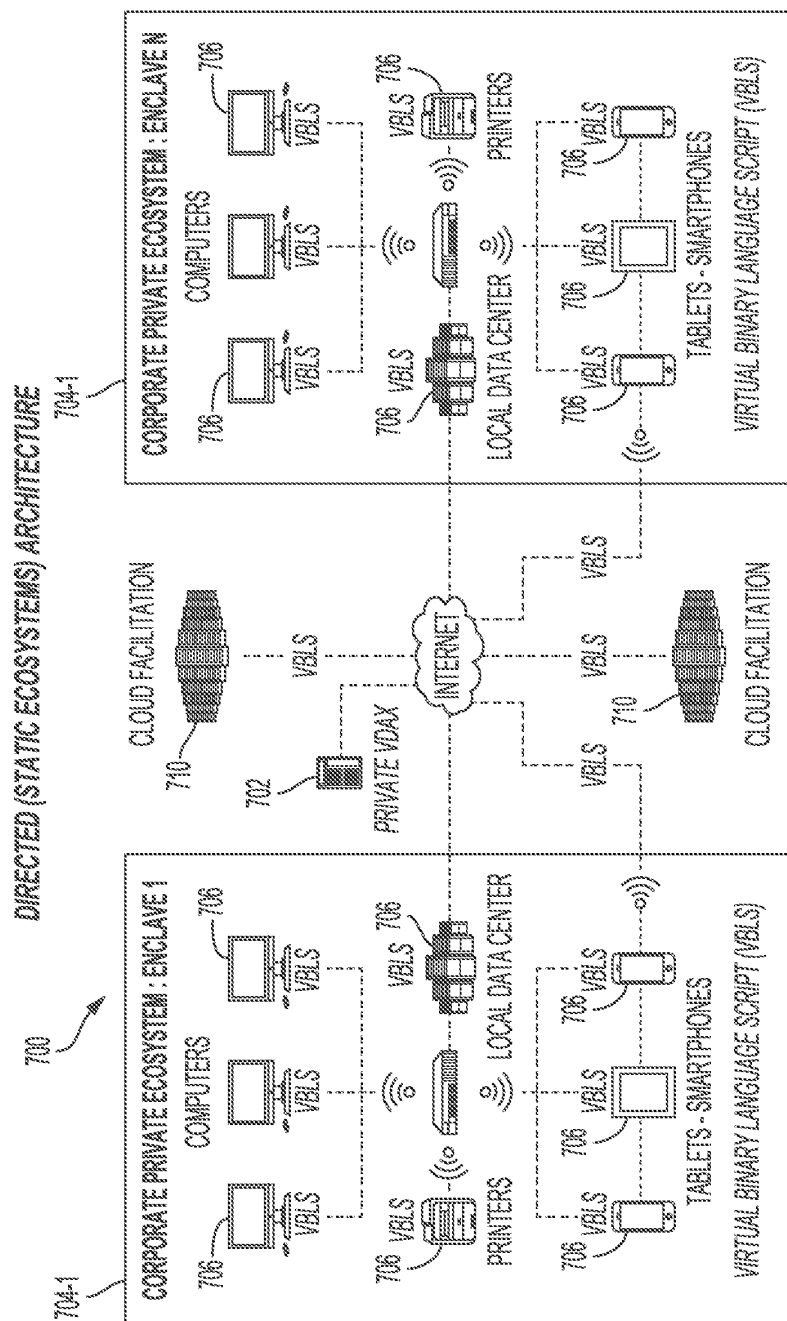


FIG. 6



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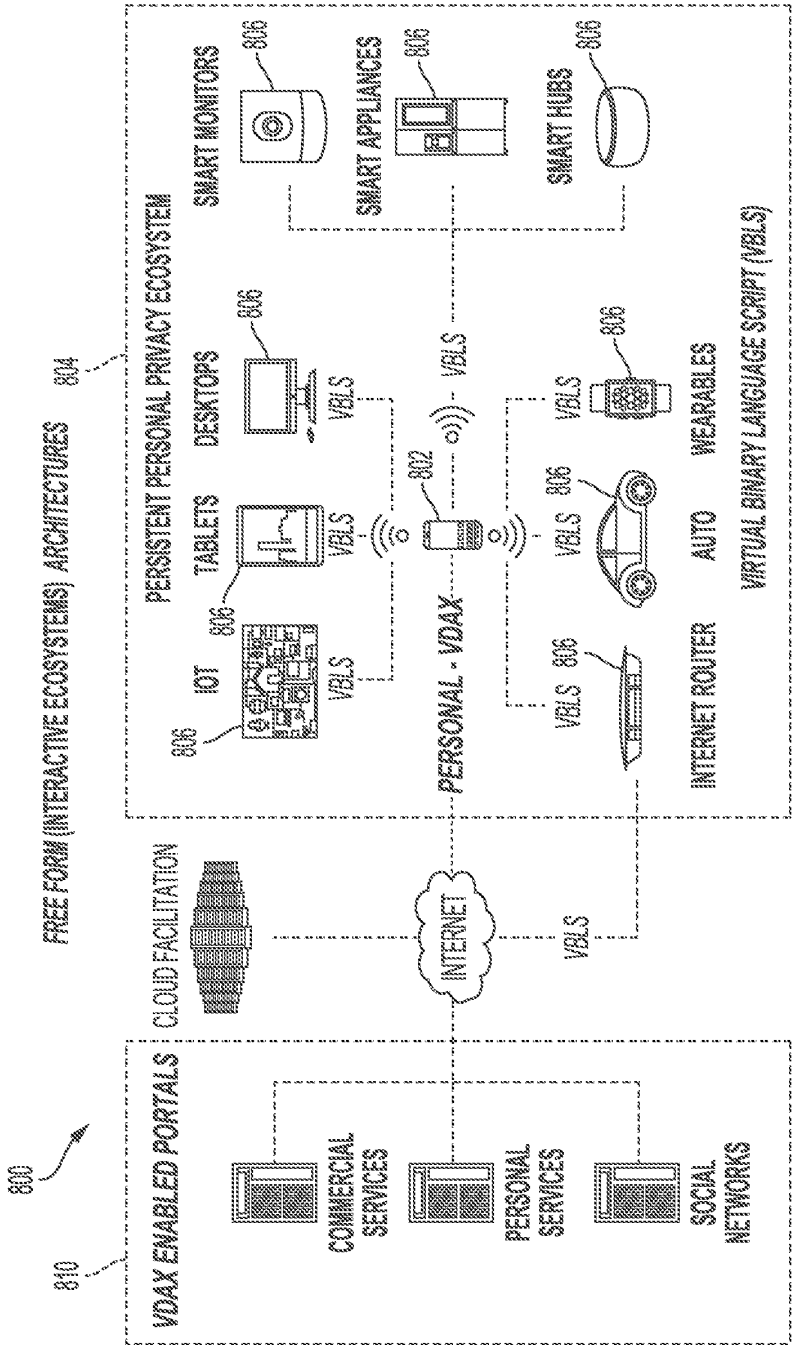


FIG. 8

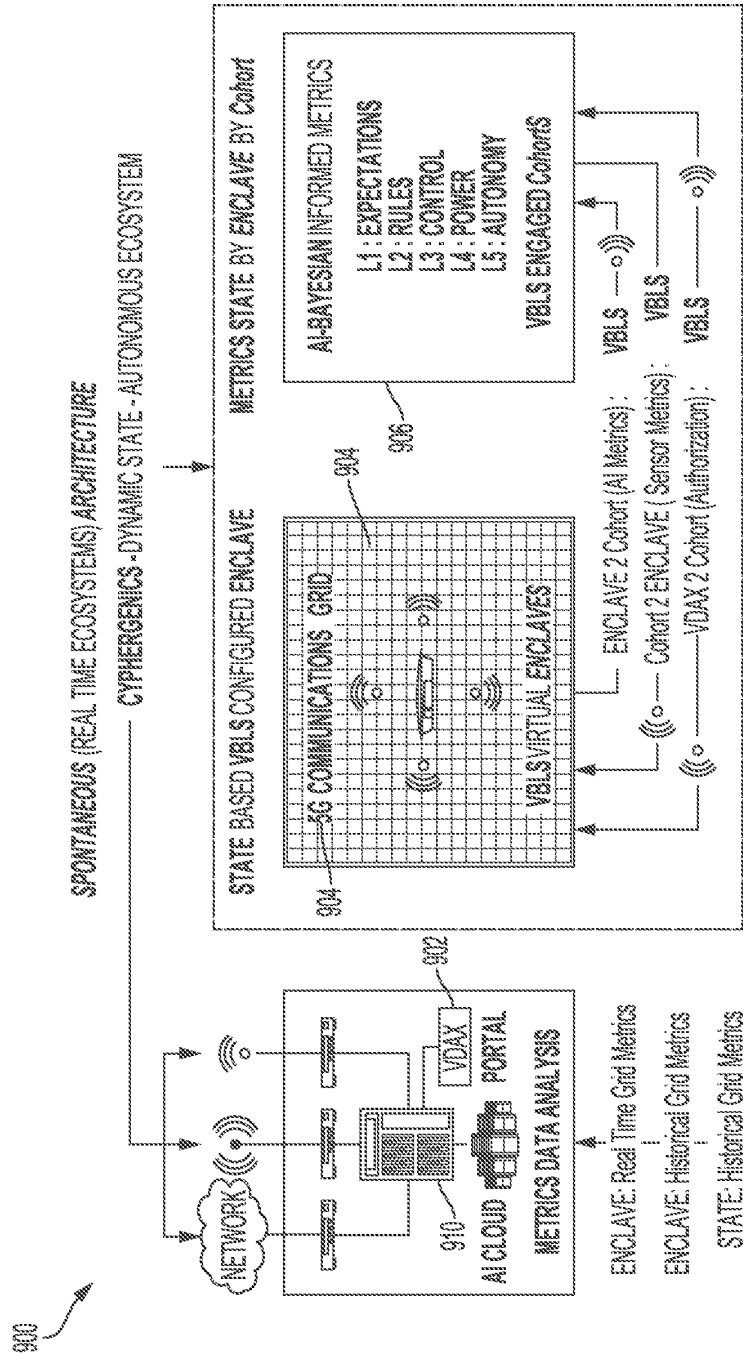


FIG. 9

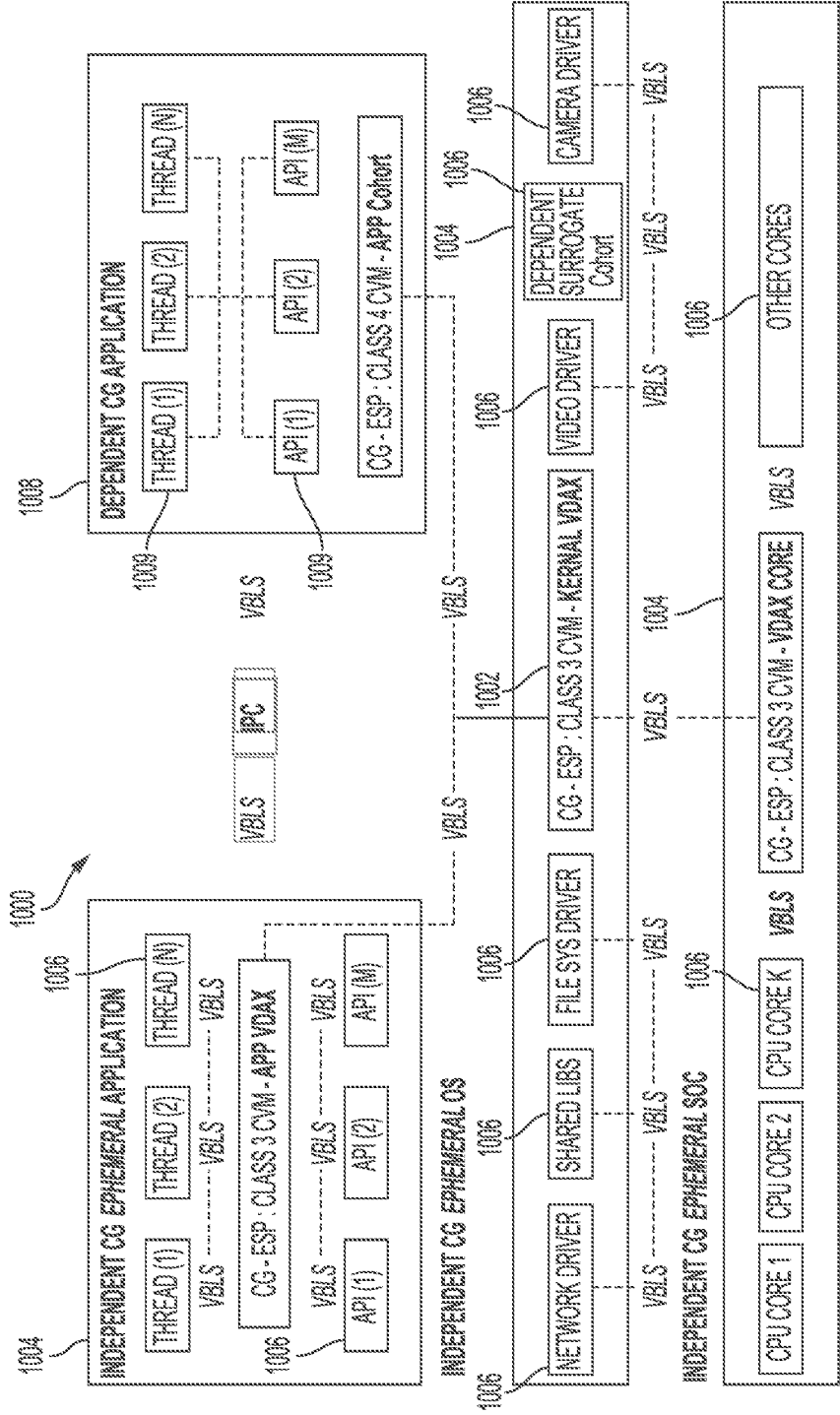
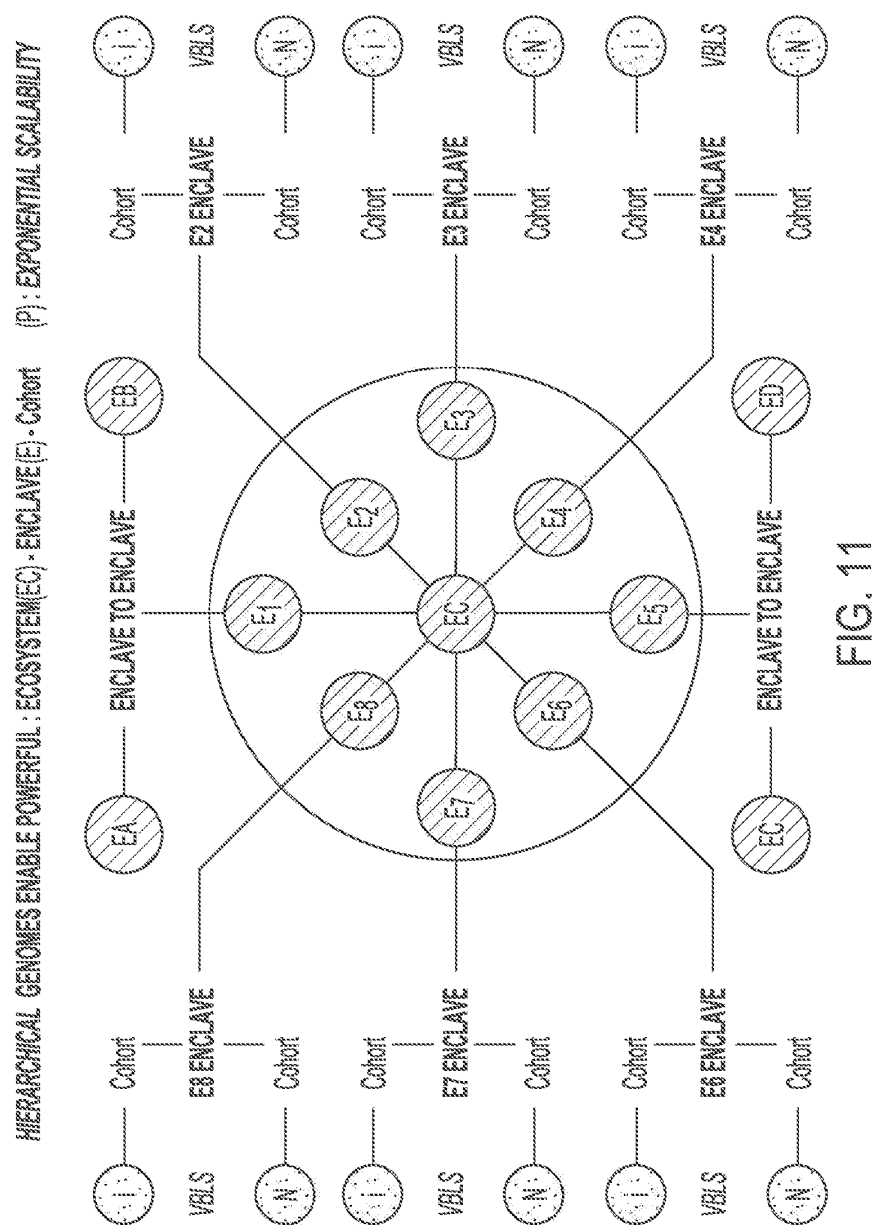


FIG. 10



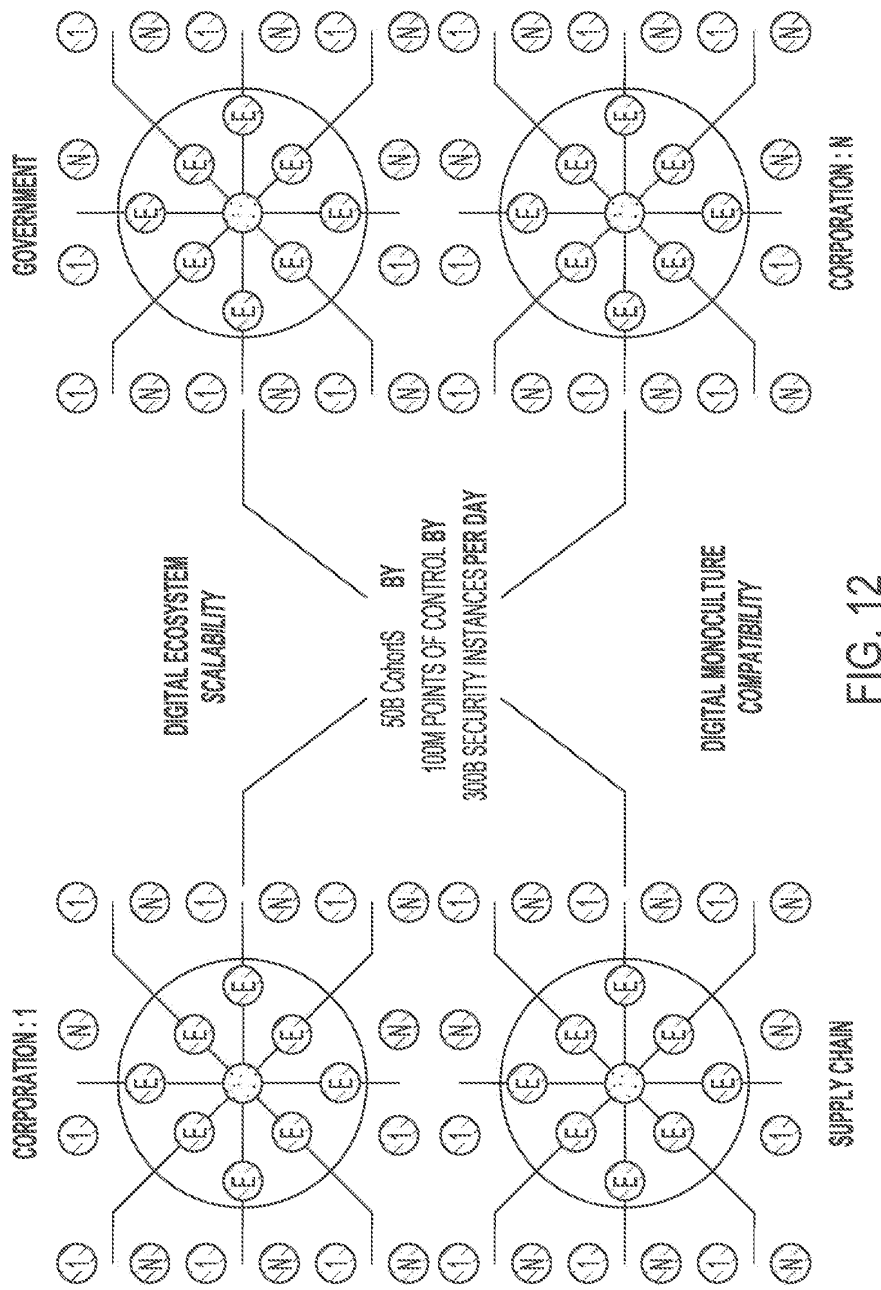


FIG. 12

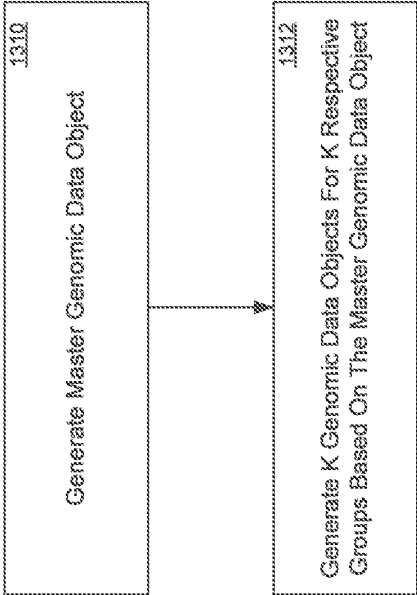


FIG. 13

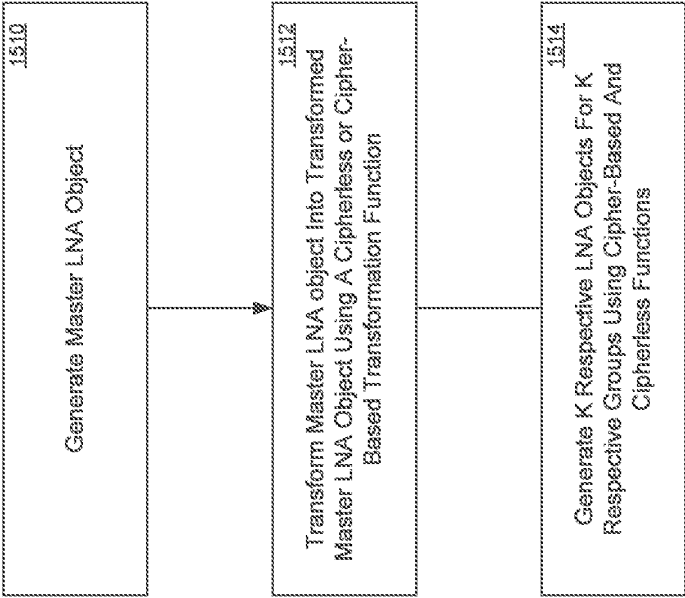


FIG. 15

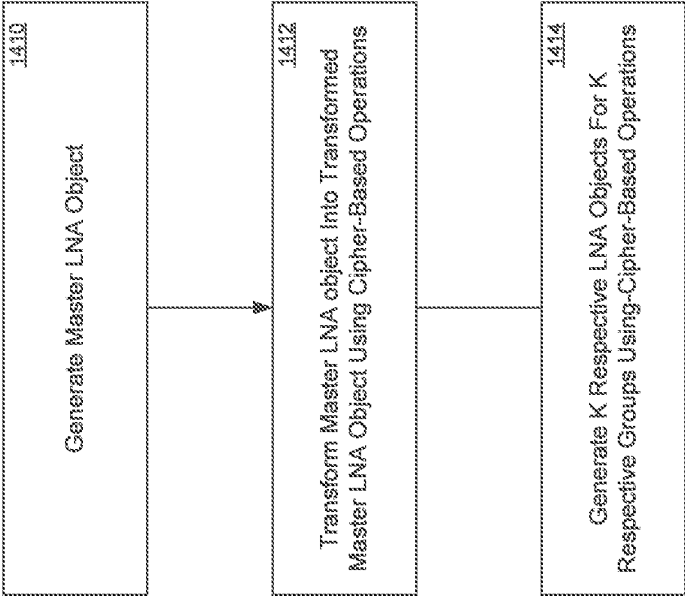


FIG. 14

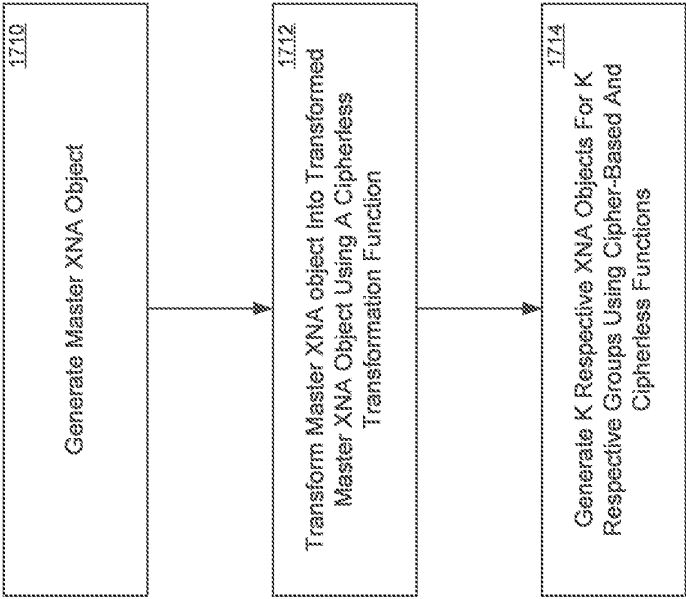


FIG. 17

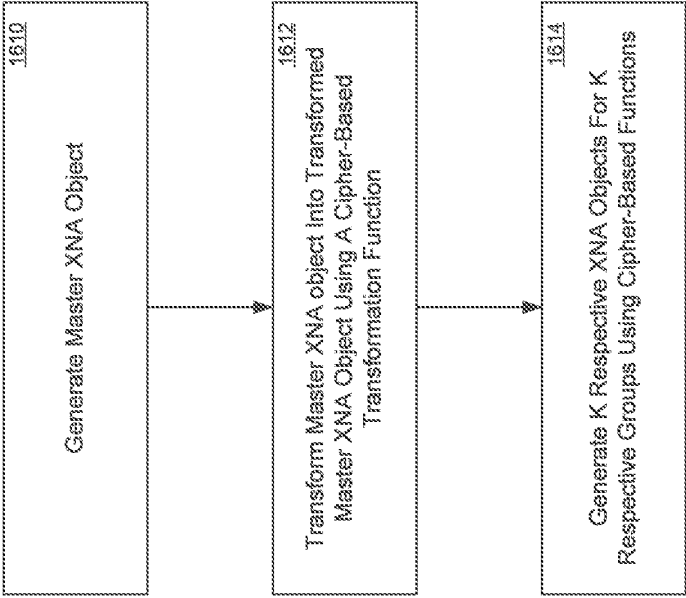


FIG. 16

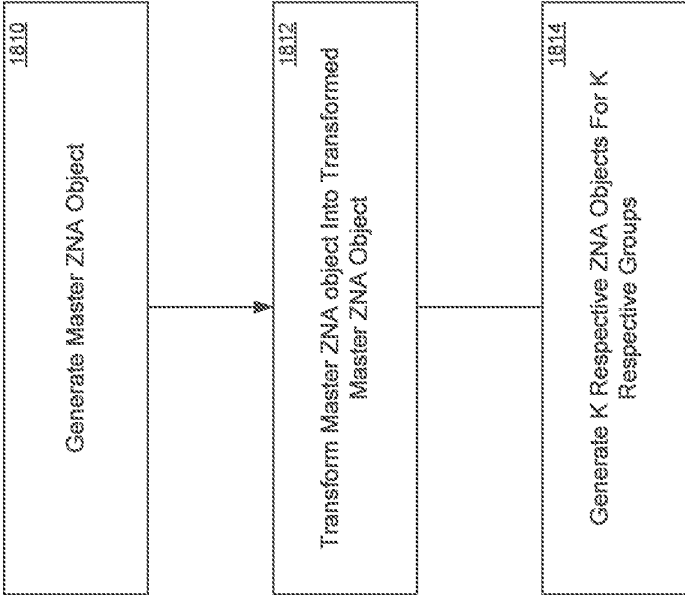


FIG. 18

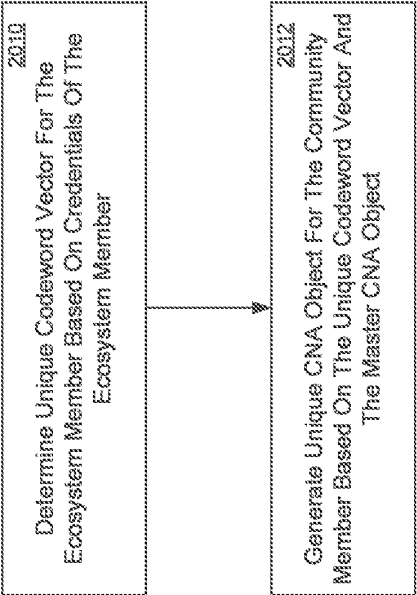


FIG. 20

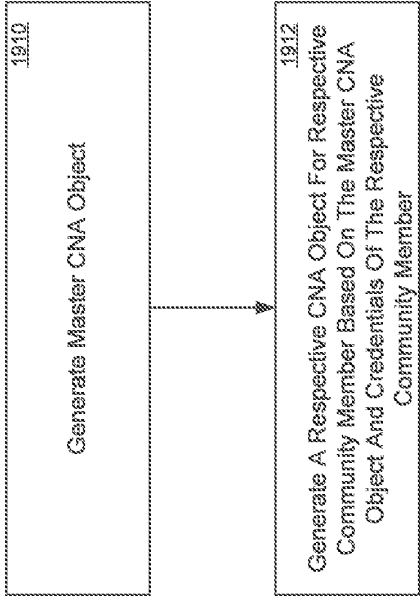


FIG. 19

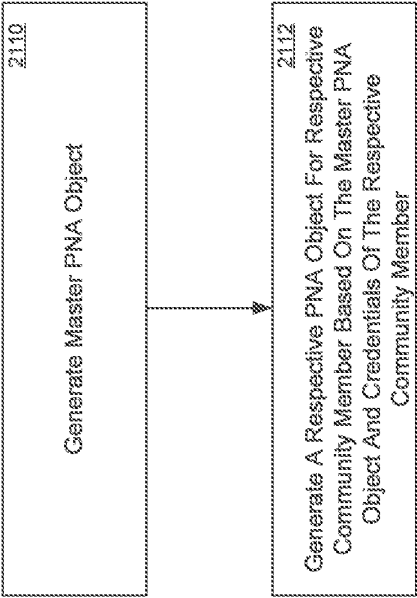


FIG. 21

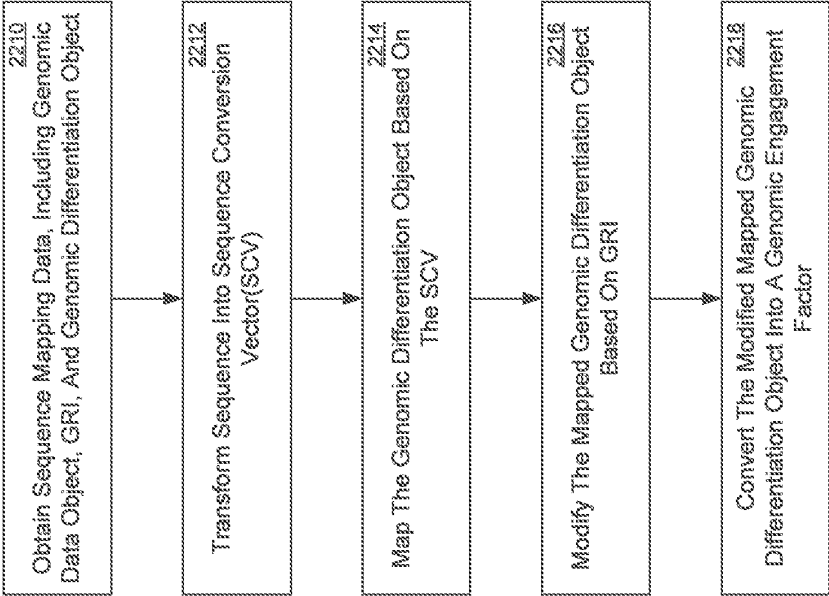


FIG. 22

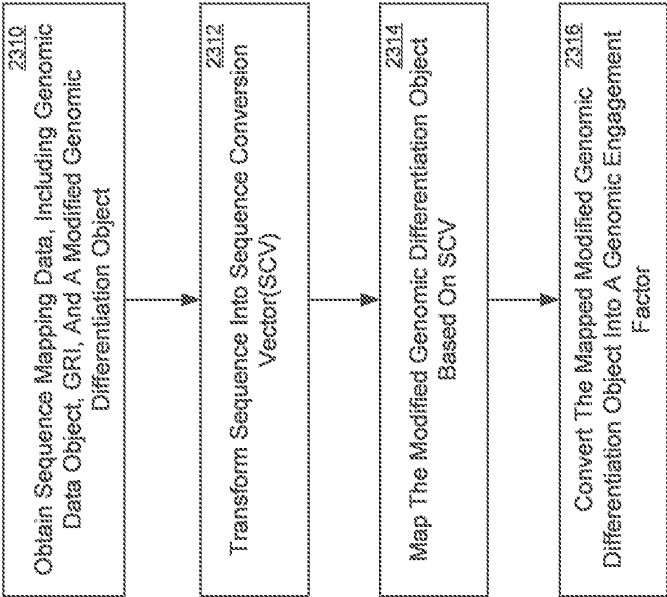


FIG. 23

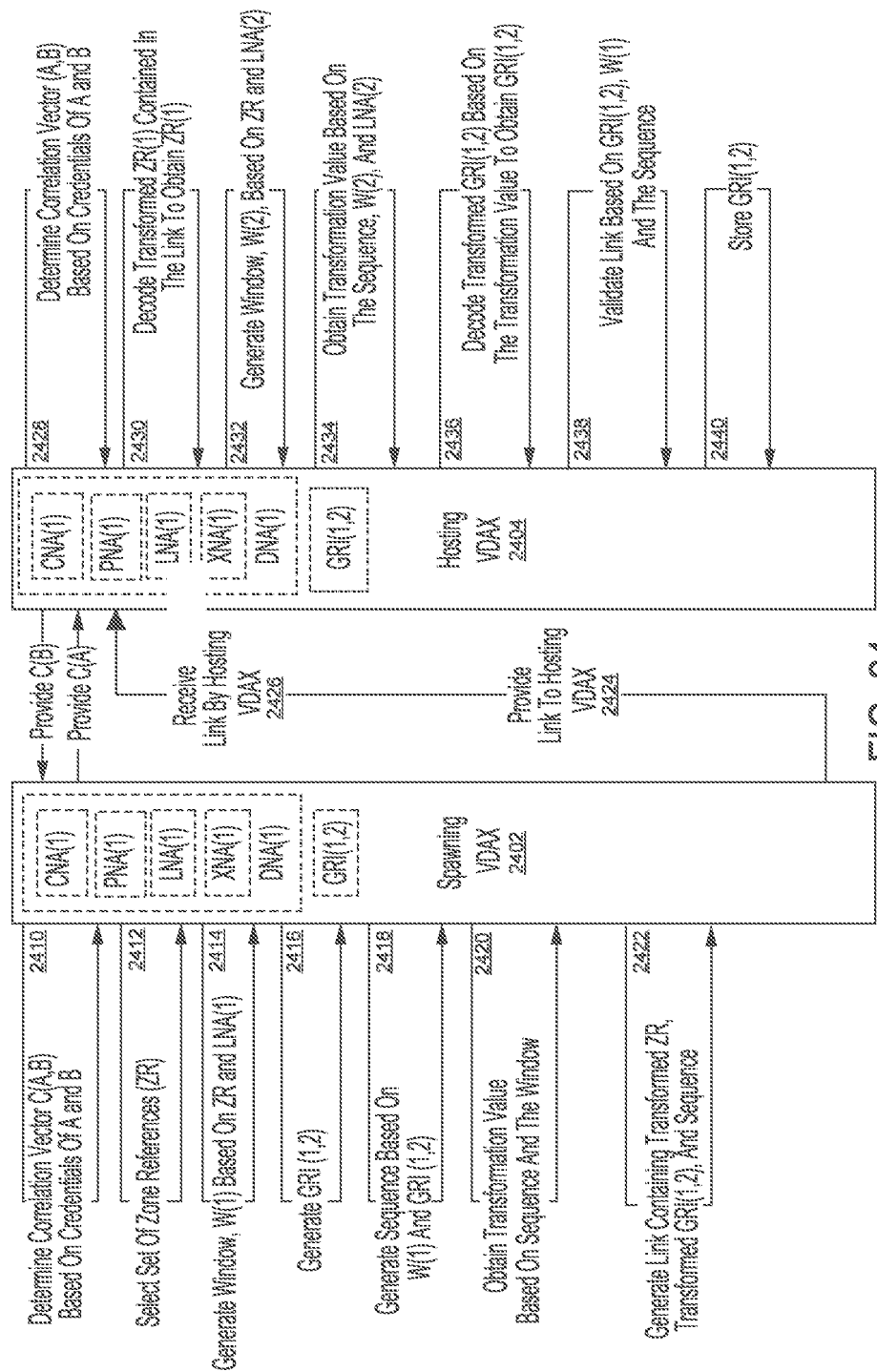


FIG. 24

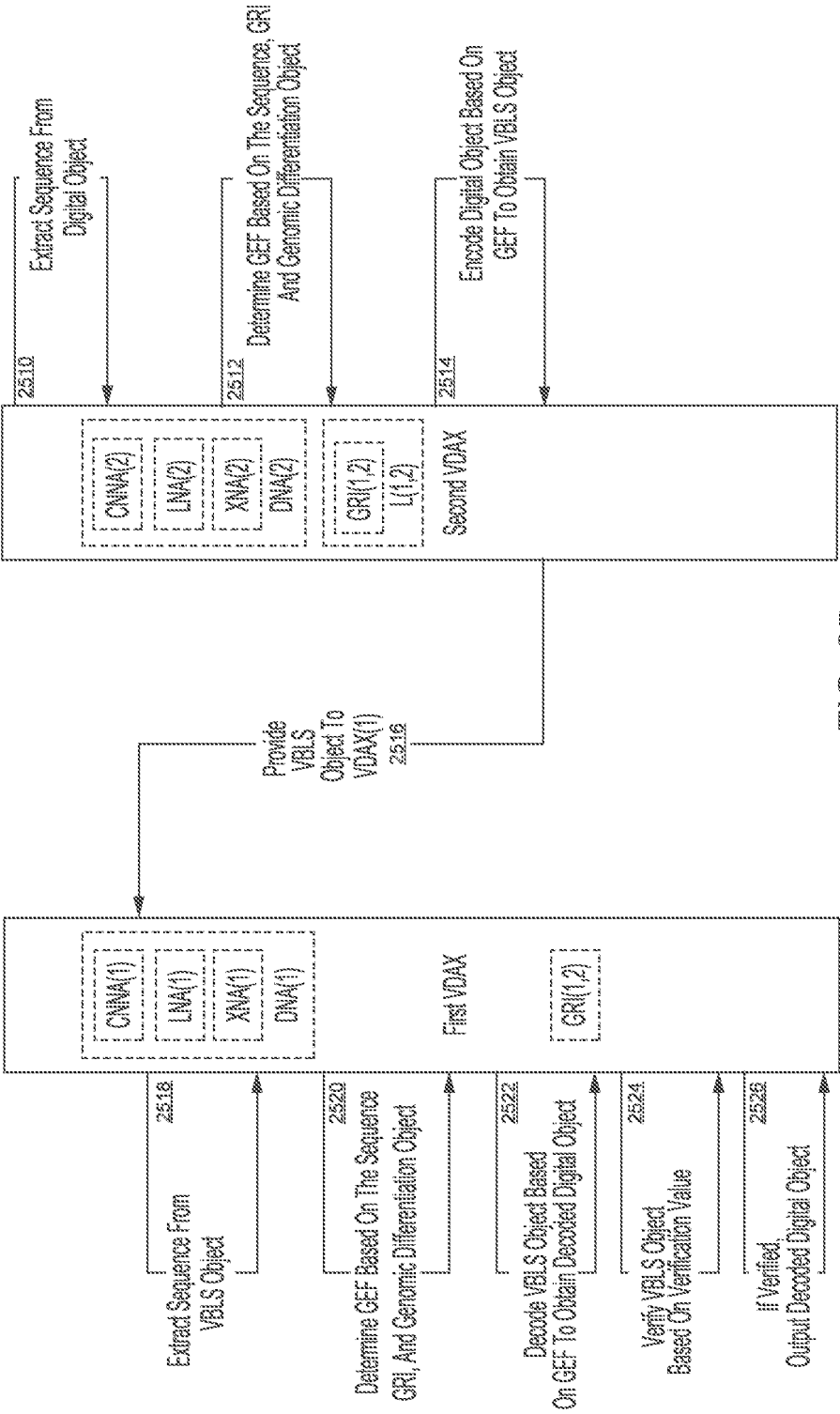


FIG. 25

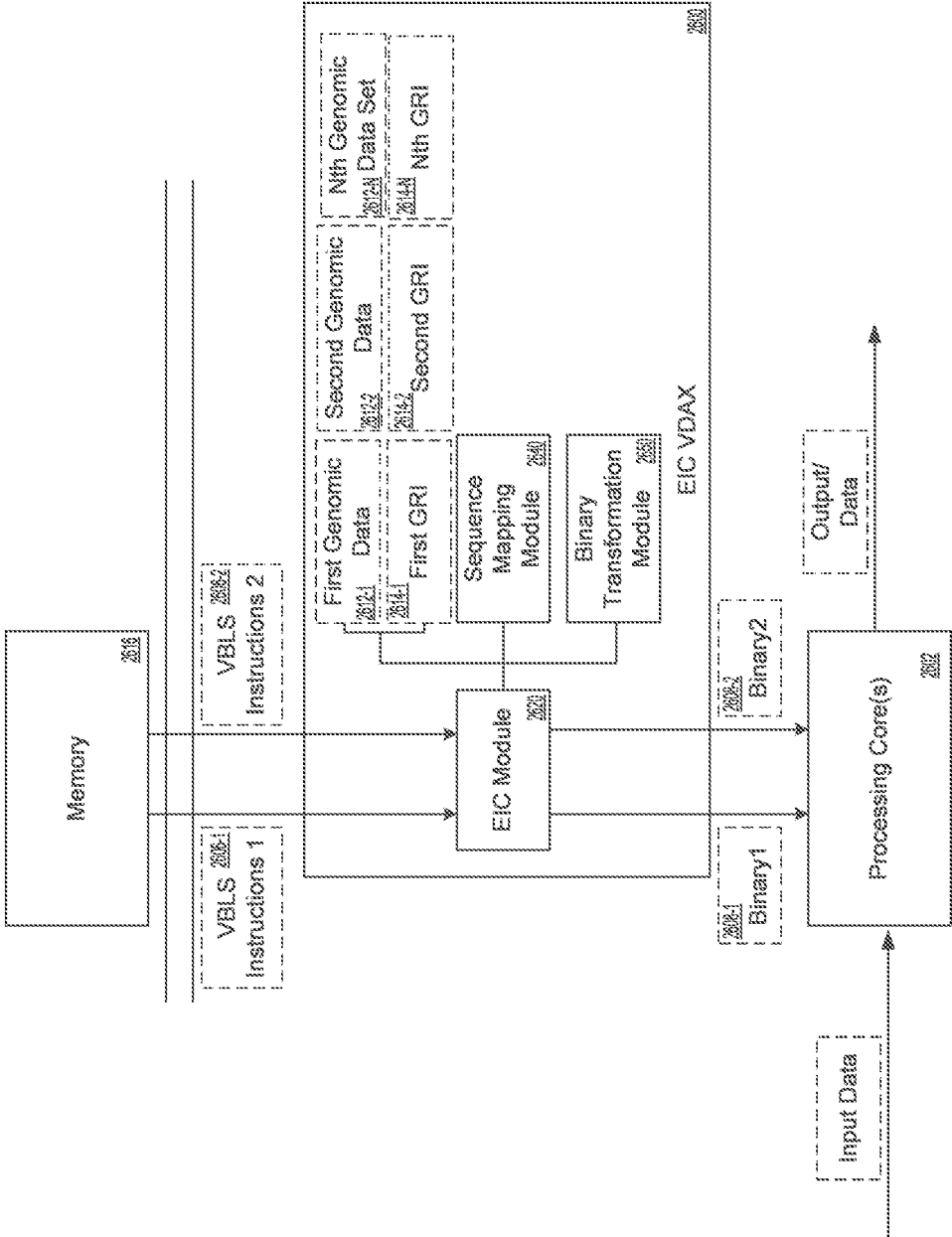


FIG. 26

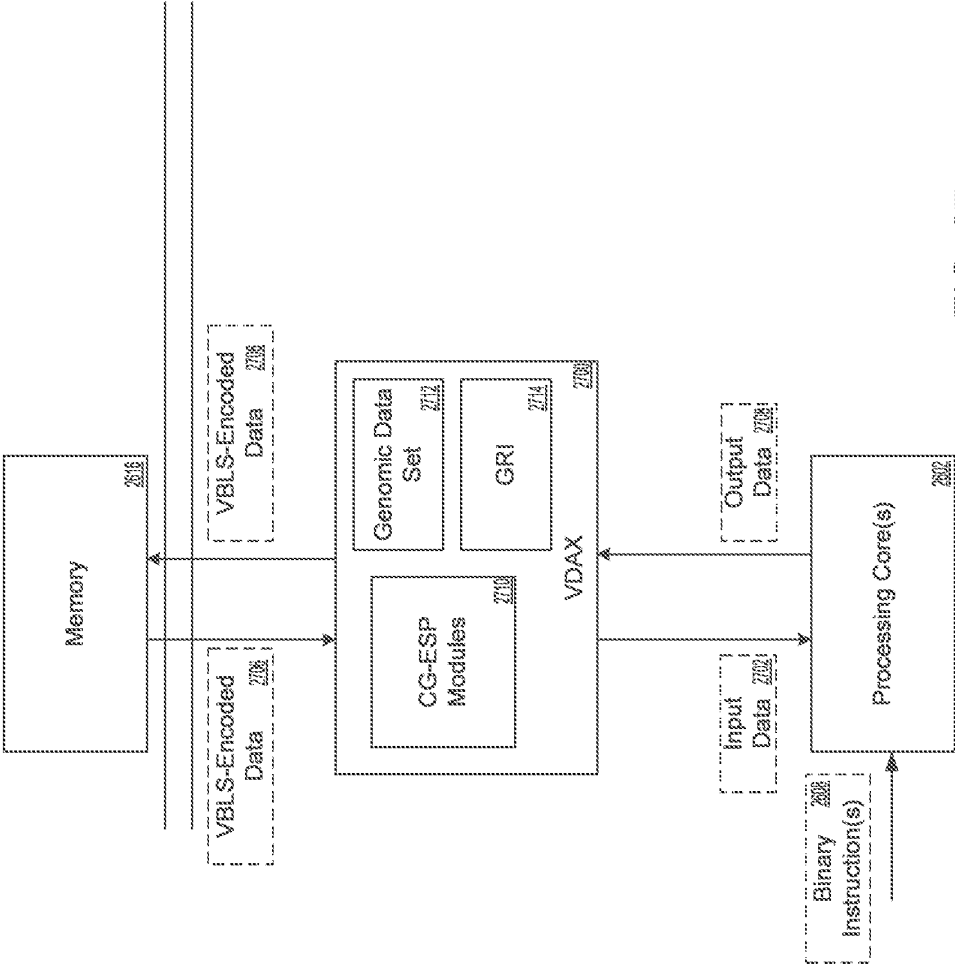


FIG. 27

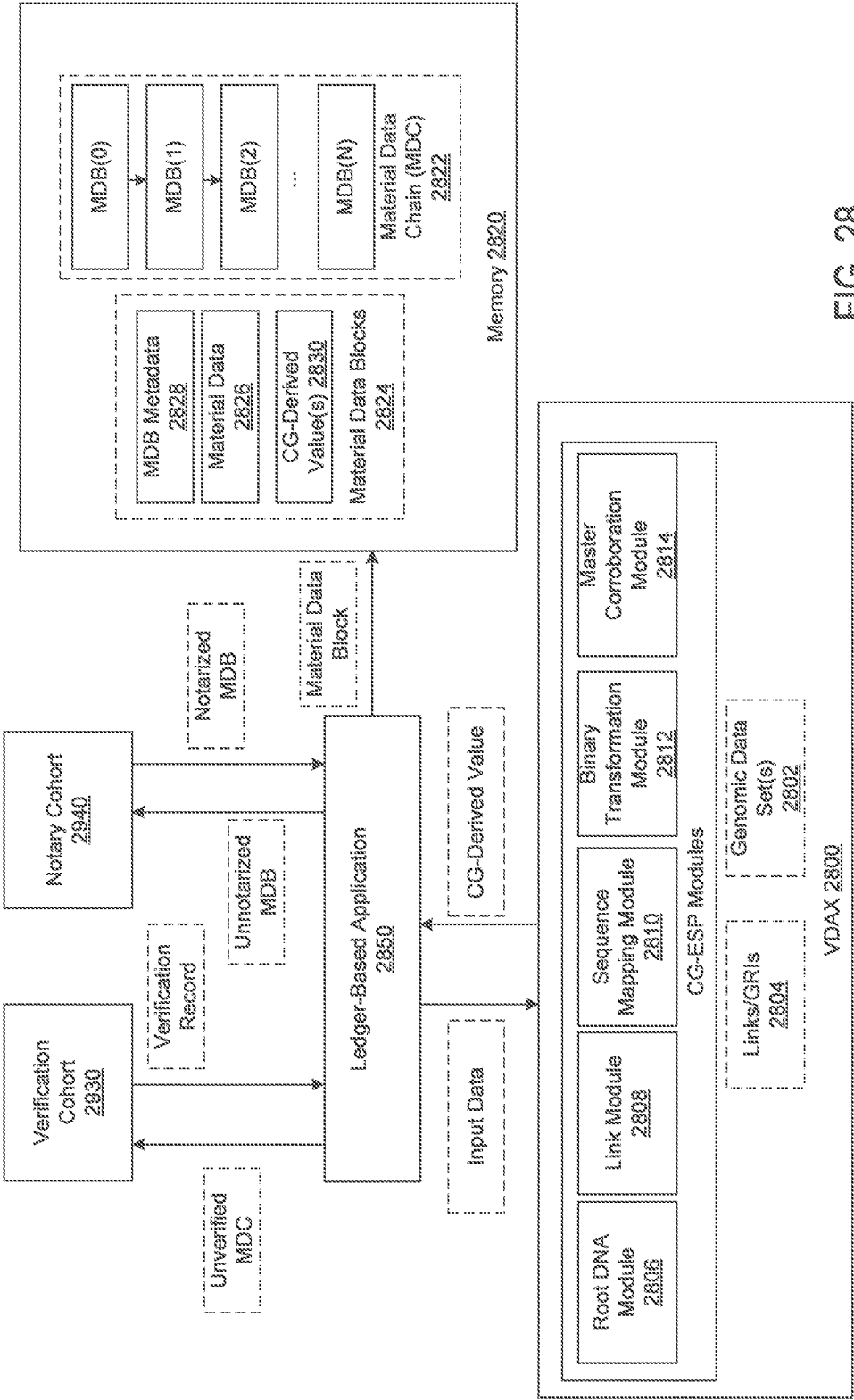


FIG. 28

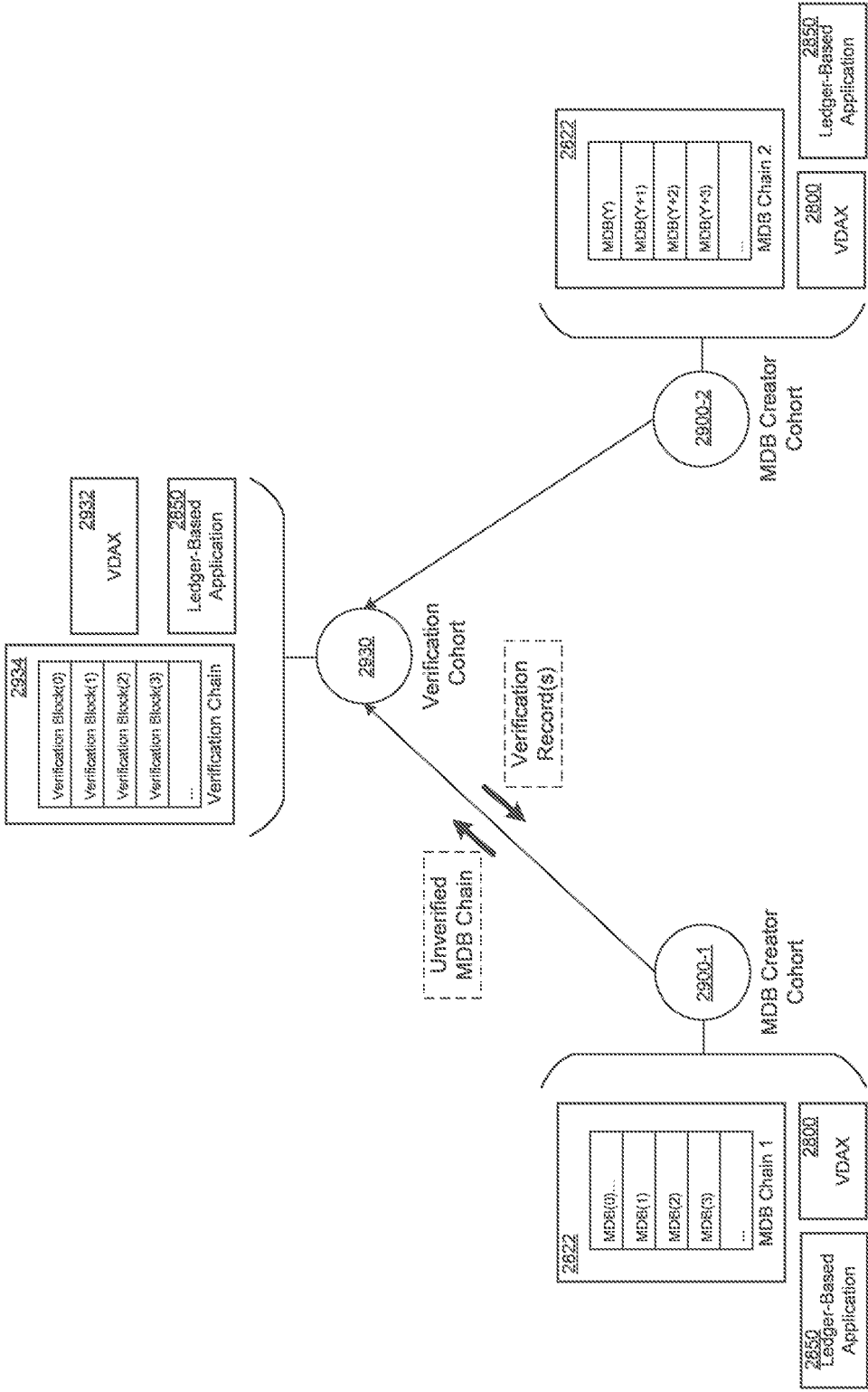


FIG. 29

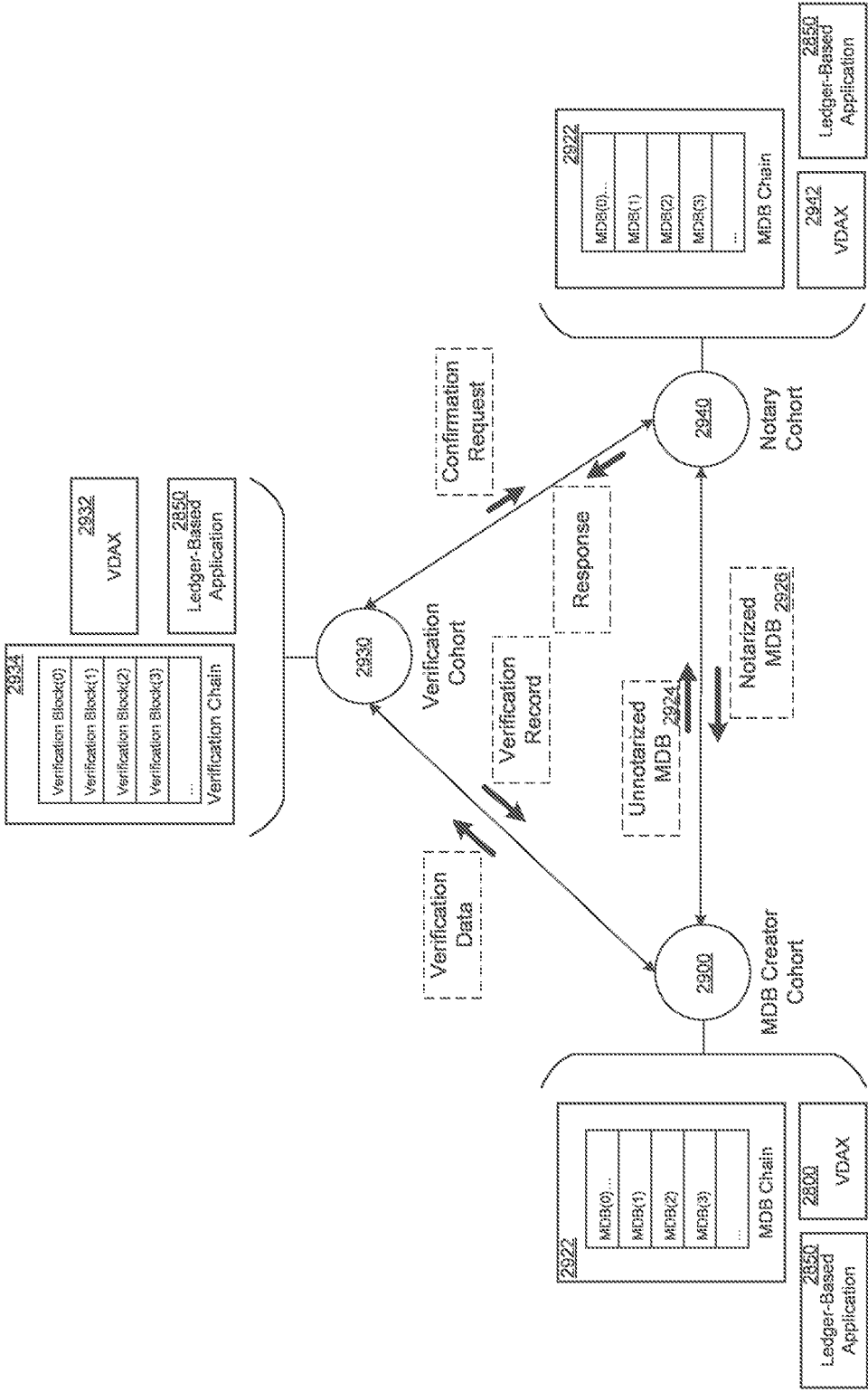


FIG. 30