

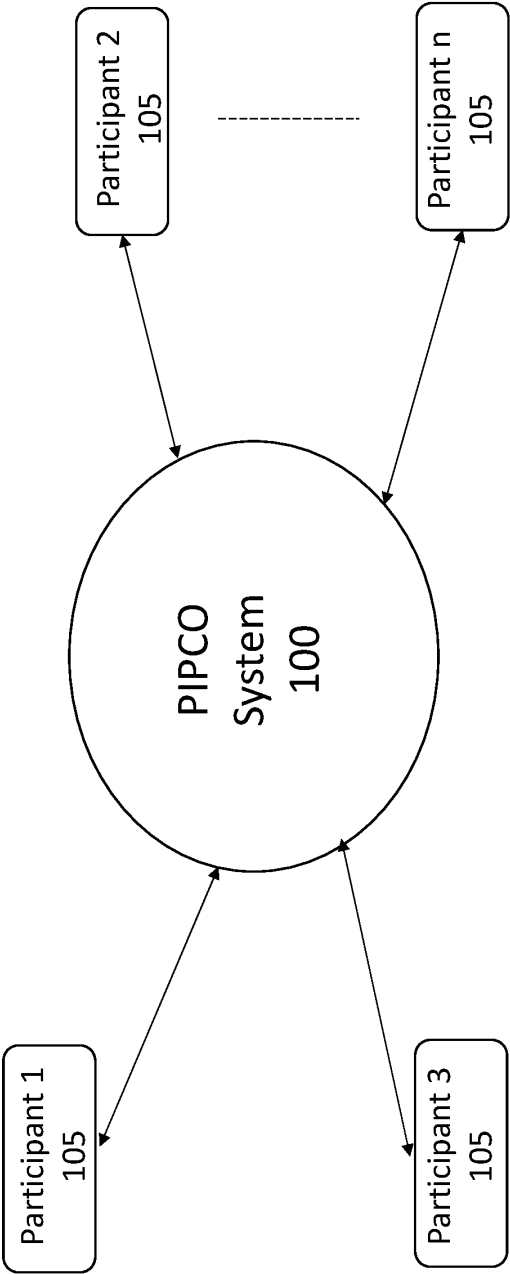


FIG. 1. PIPCO SYSTEM GENERAL OVERVIEW

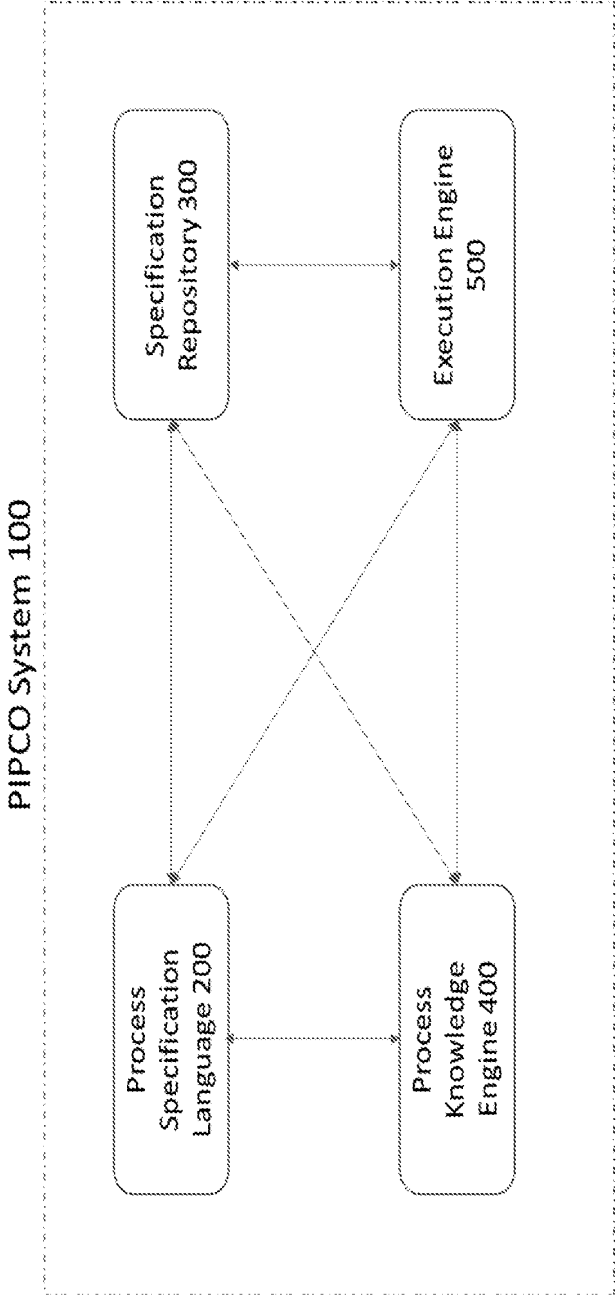


FIG. 2. MAIN COMPONENTS OF PIPICO SYSTEM

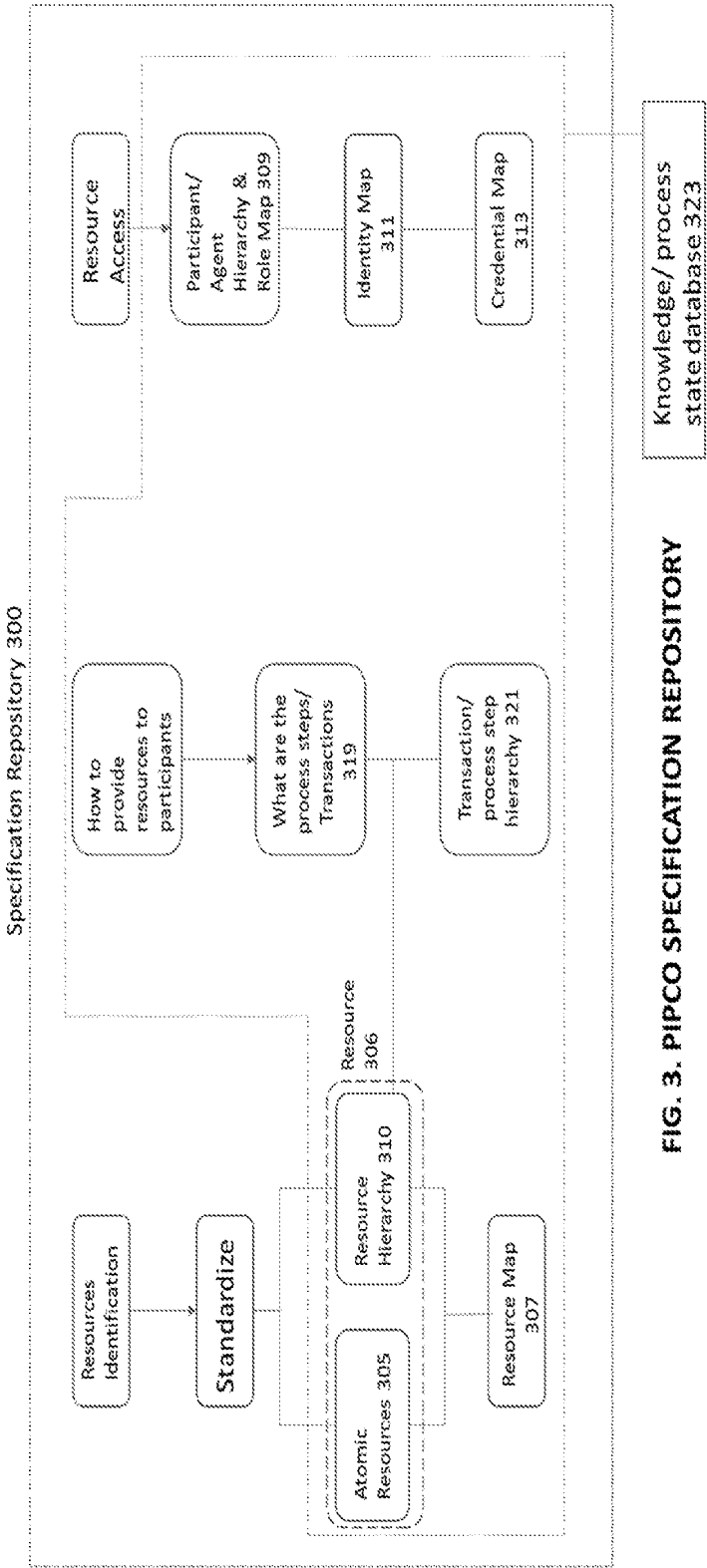


FIG. 3. PIPCO SPECIFICATION REPOSITORY

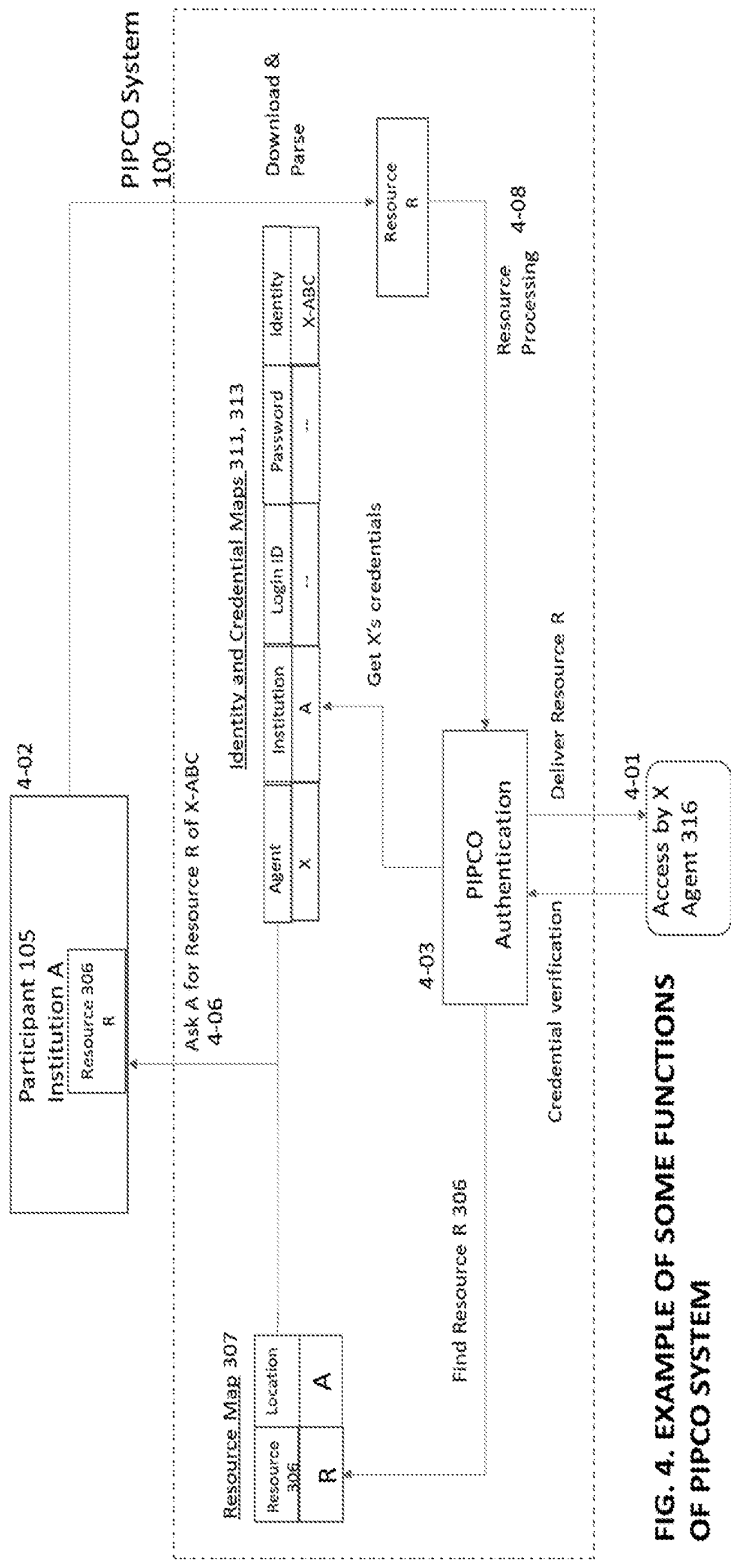


FIG. 4. EXAMPLE OF SOME FUNCTIONS OF PIPCO SYSTEM

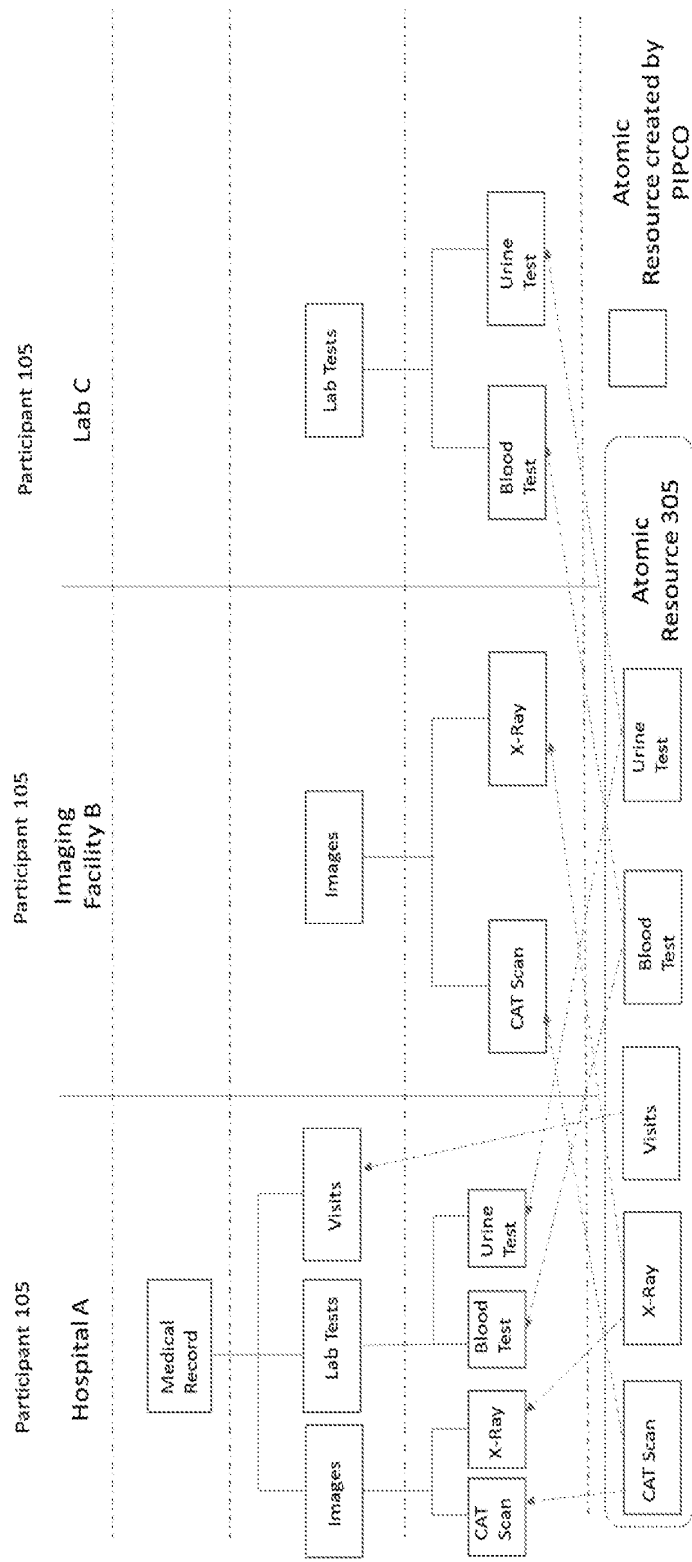


FIG. 5. EXAMPLE OF ATOMIC RESOURCE DEFINITIONS IN HEALTHCARE DOMAIN

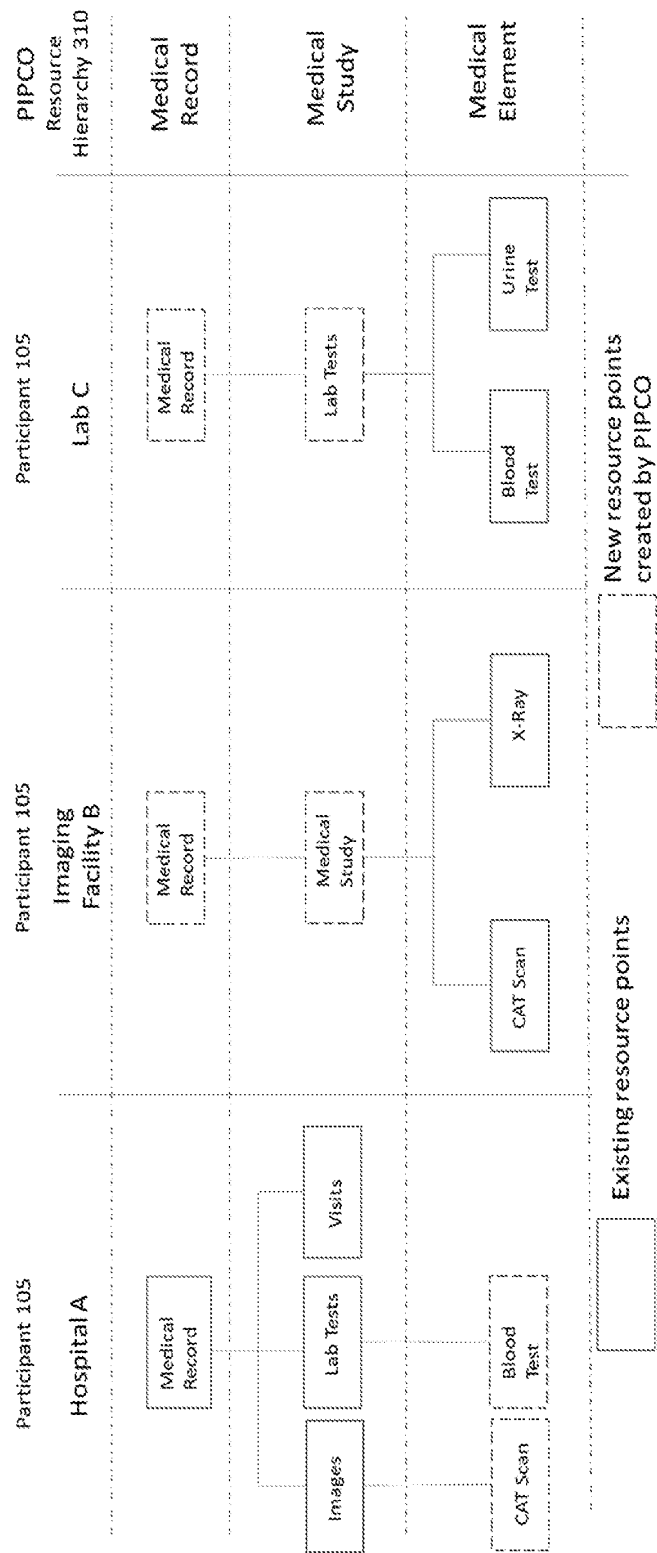


FIG. 6A. EXAMPLE RESOURCE HIERARCHY IN HEALTHCARE DOMAIN

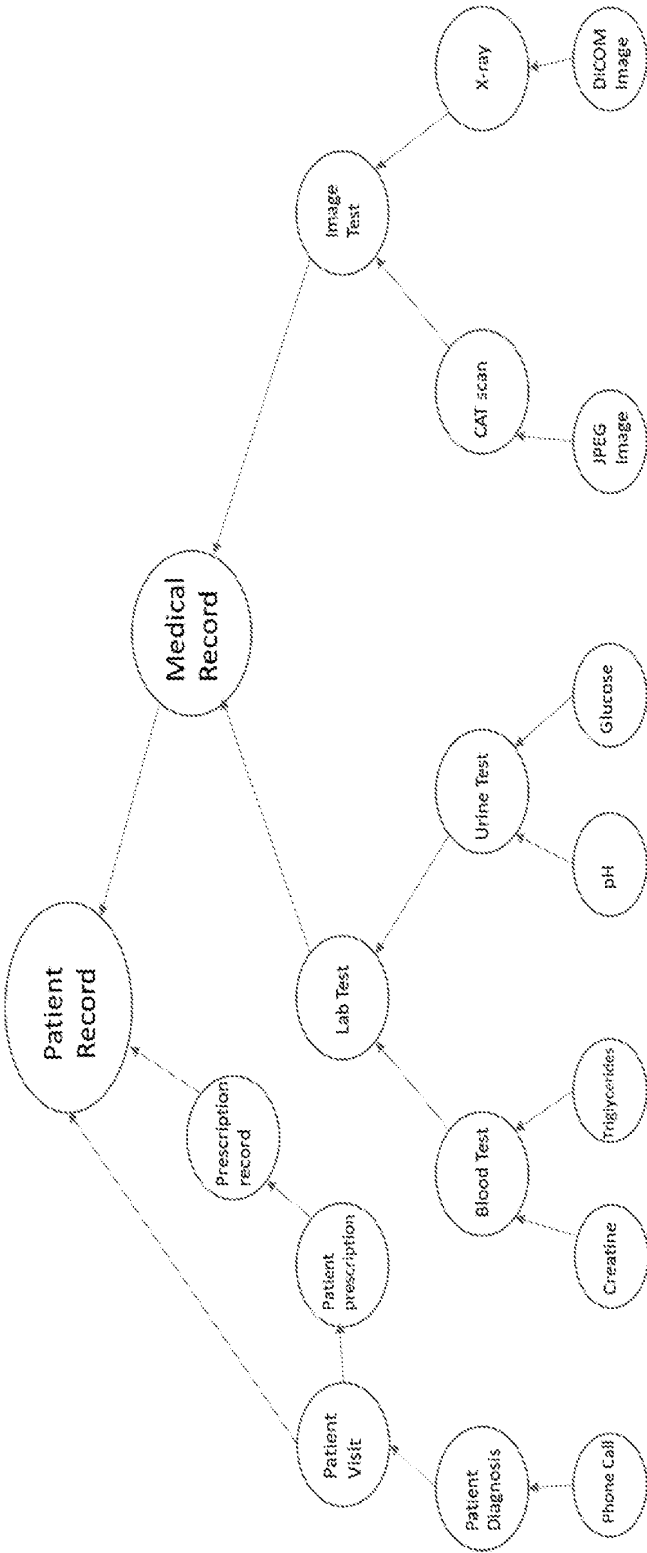


FIG. 6B. EXAMPLE BREAKDOWN OF ATOMIC RESOURCES INTO GREATER ATOMICITY IN HEALTHCARE

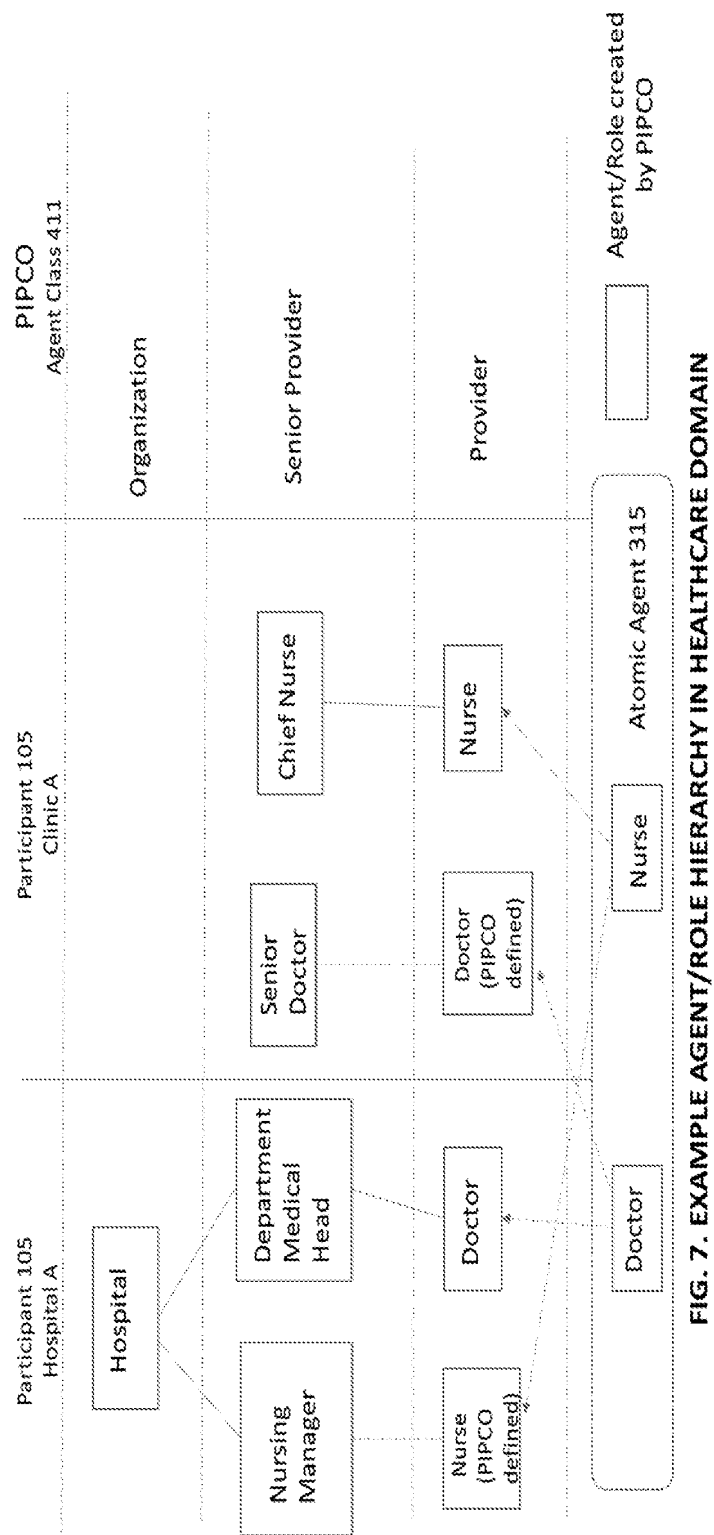


FIG. 7. EXAMPLE AGENT/ROLE HIERARCHY IN HEALTHCARE DOMAIN

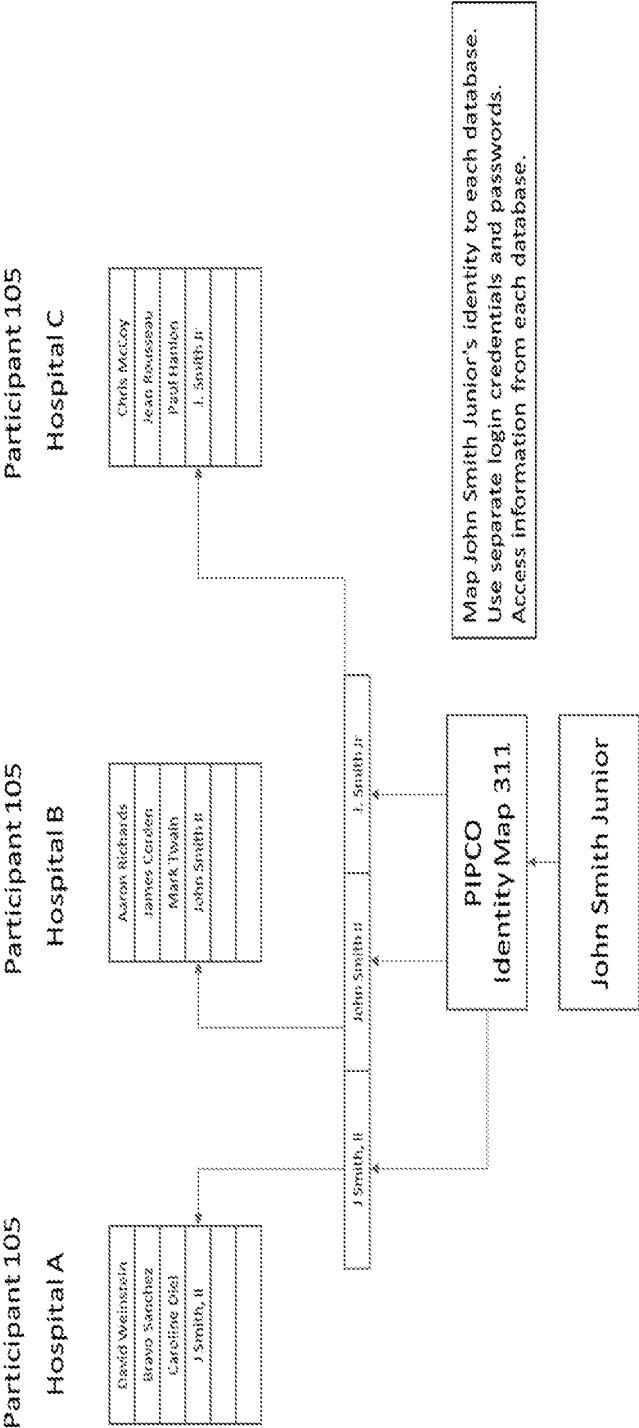


FIG. 8. EXAMPLE IDENTITY MAP

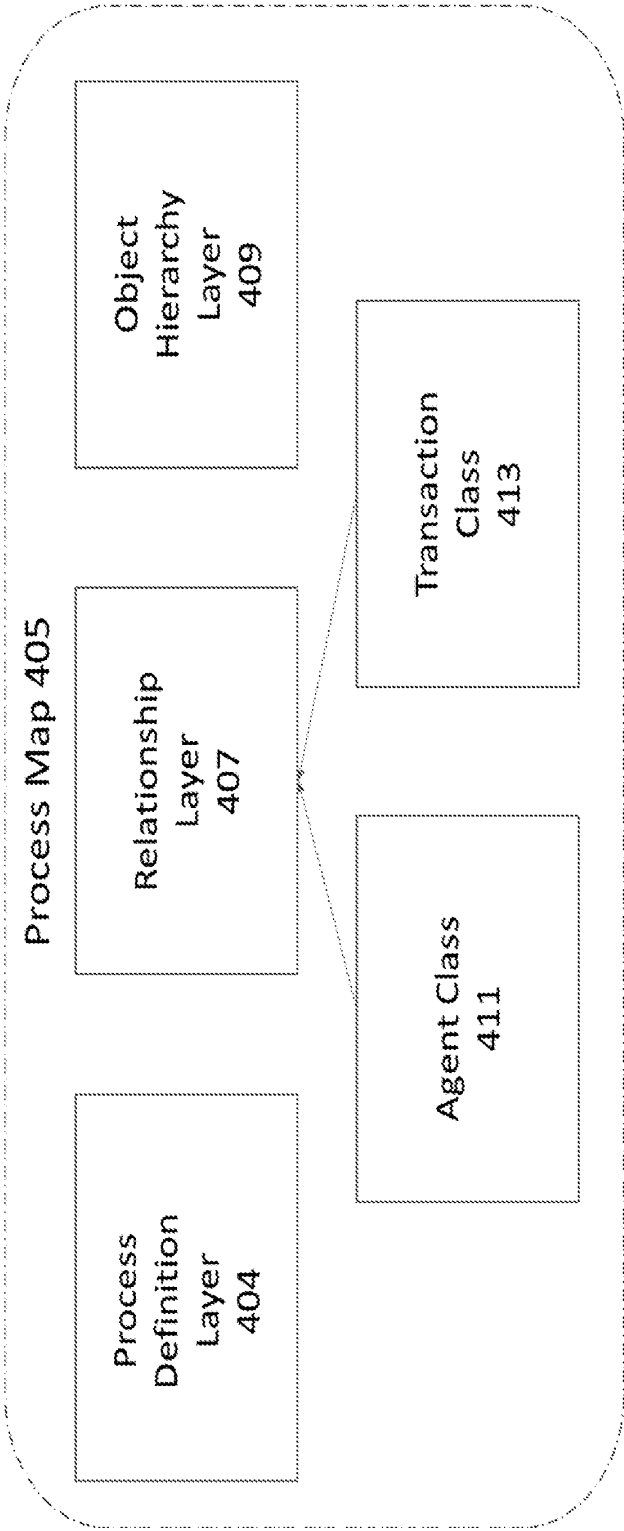
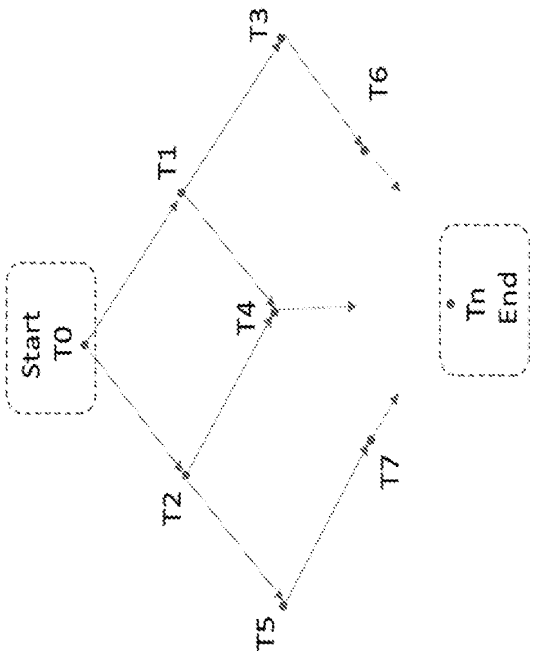


FIG. 9. THE PROCESS KNOWLEDGE ENGINE



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FIG. 10. ABSTRACT PROCESS DEFINITION LAYER

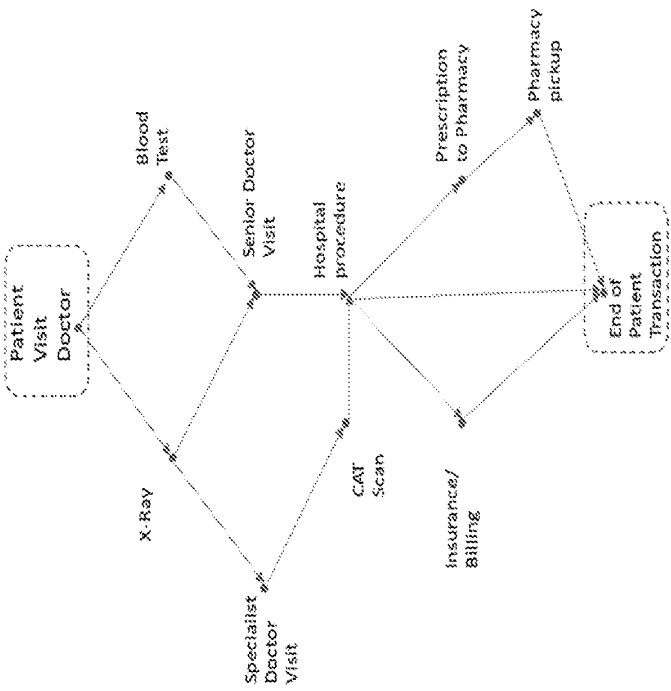


FIG. 11. EXAMPLE HEALTHCARE PROCESS DEFINITION LAYER FOR A SINGLE PROCESS

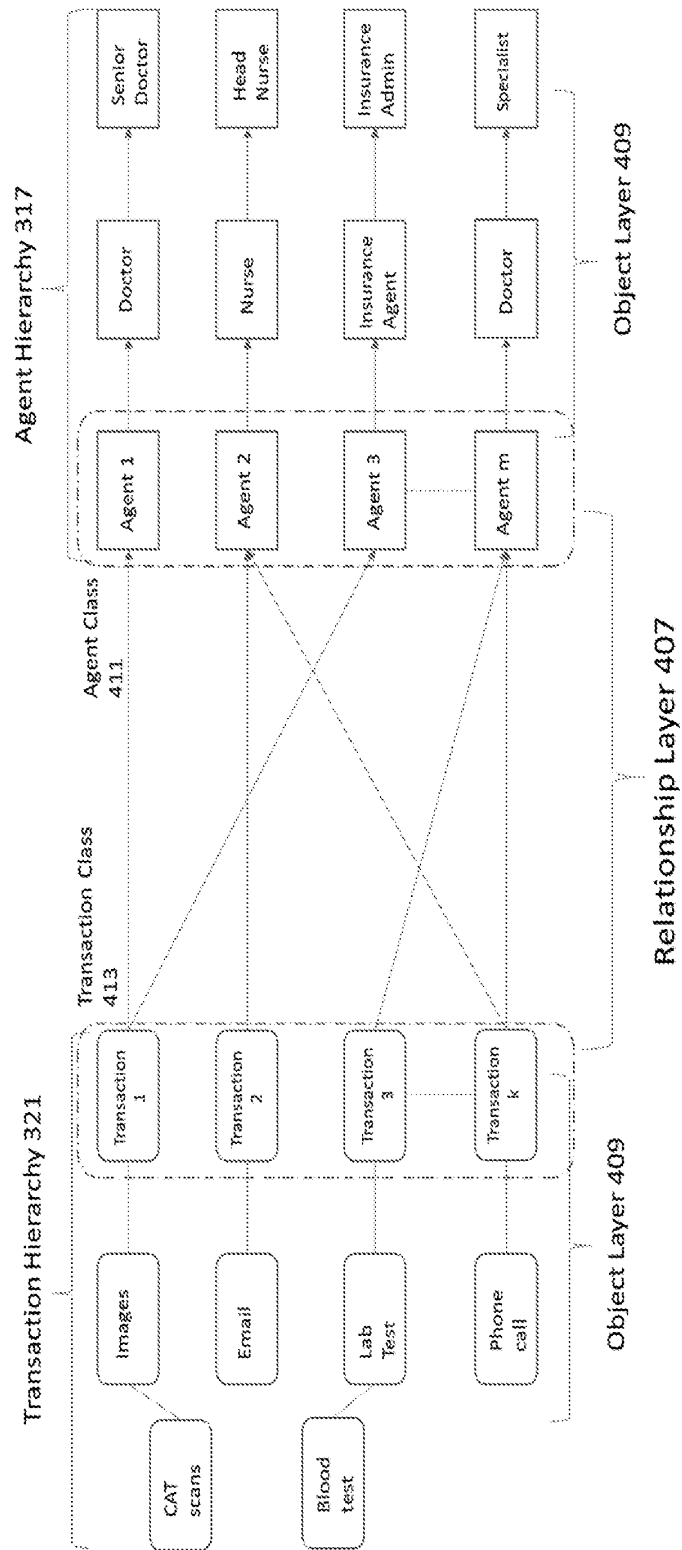


FIG. 12. RELATIONSHIP AND OBJECT LAYERS – PERSPECTIVE 1

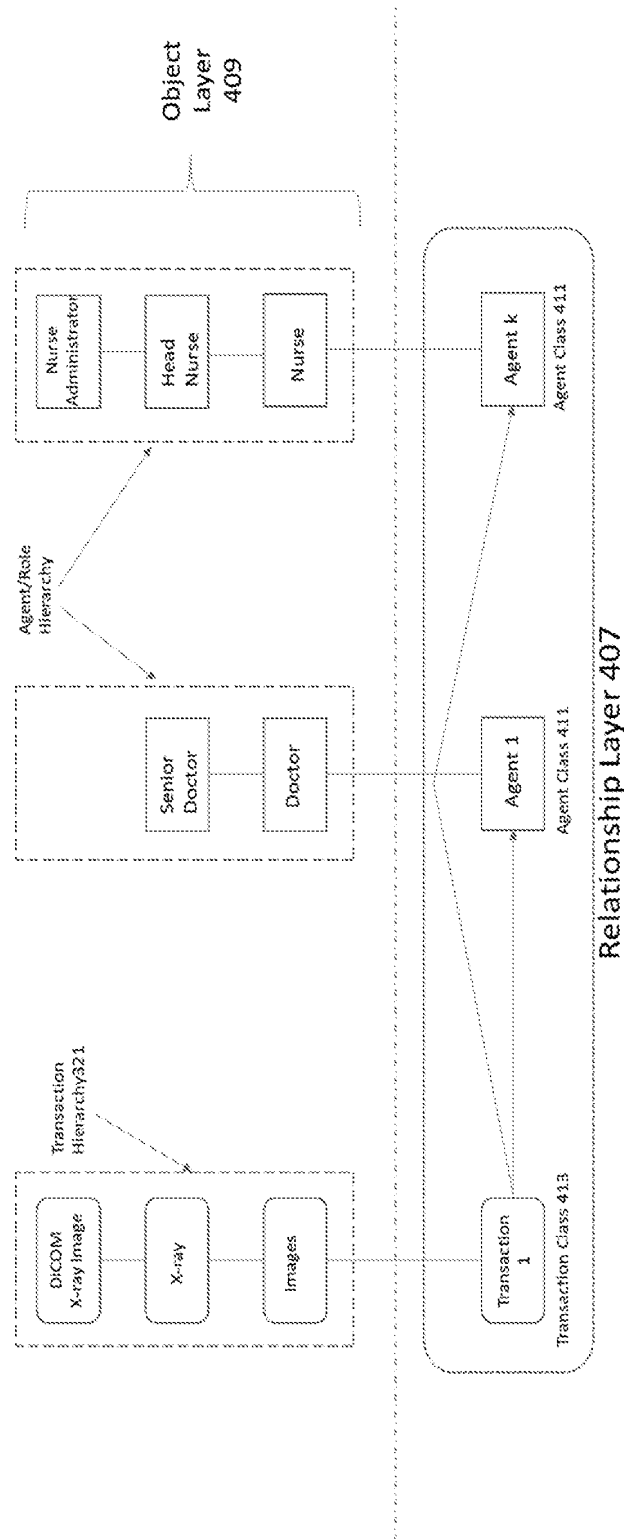


FIG. 13. RELATIONSHIP AND OBJECT LAYERS – PERSPECTIVE 2

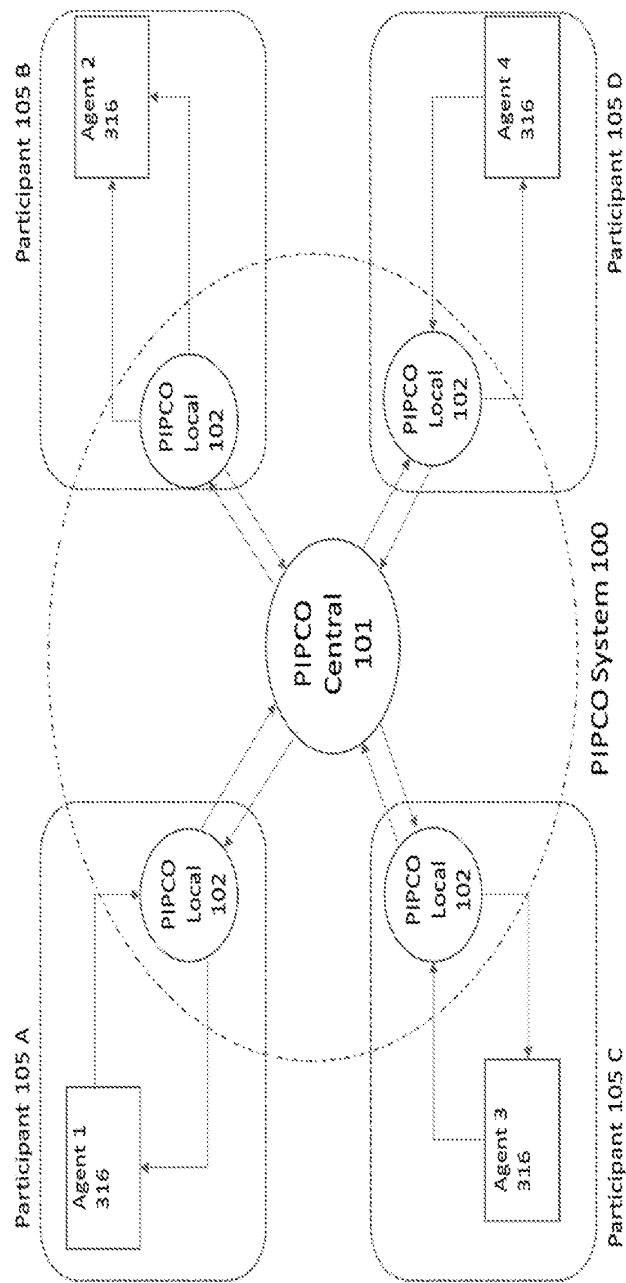


FIG. 14 DECENTRALIZED PIPCO SYSTEM

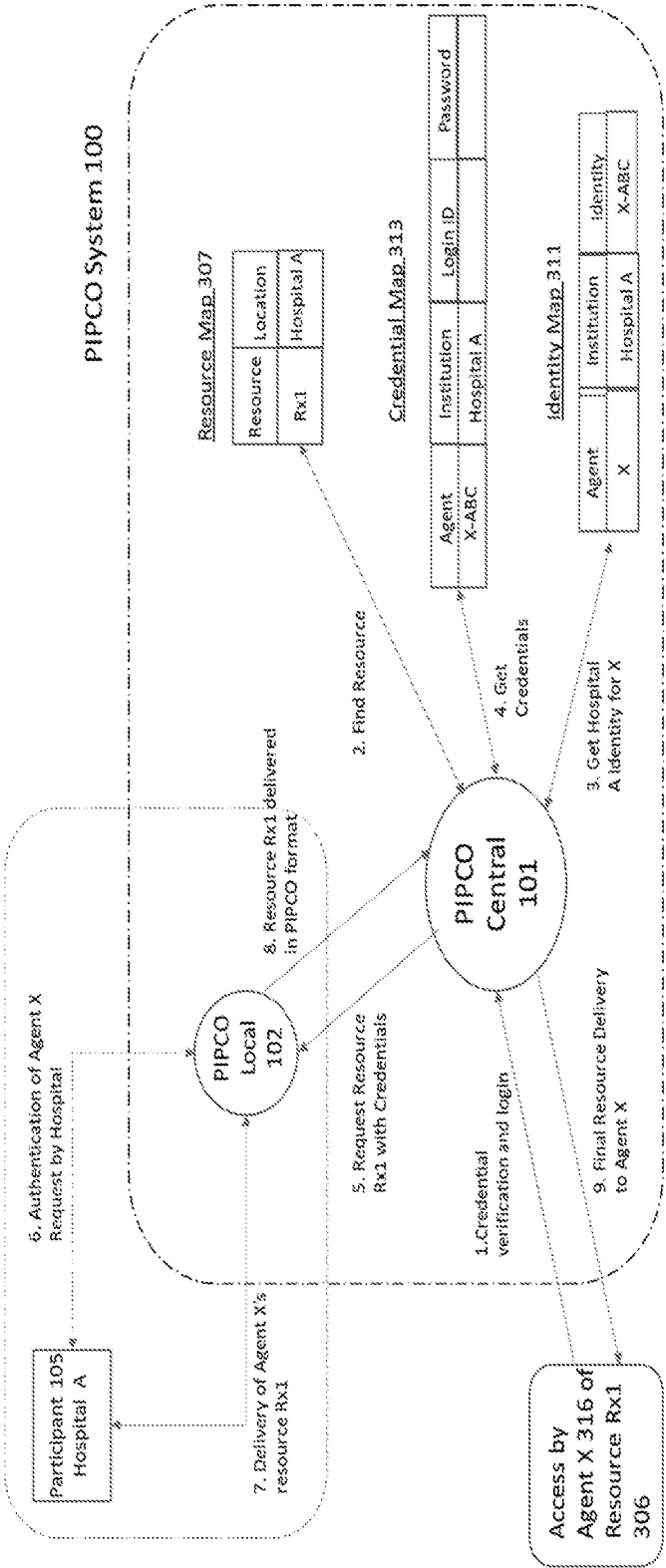


FIG. 15. EXAMPLE PIPCO HEALTHCARE TRANSACTION WITH LOCAL AND CENTRAL SYSTEMS

Typical Current Process Flow in Patient Sick Visit

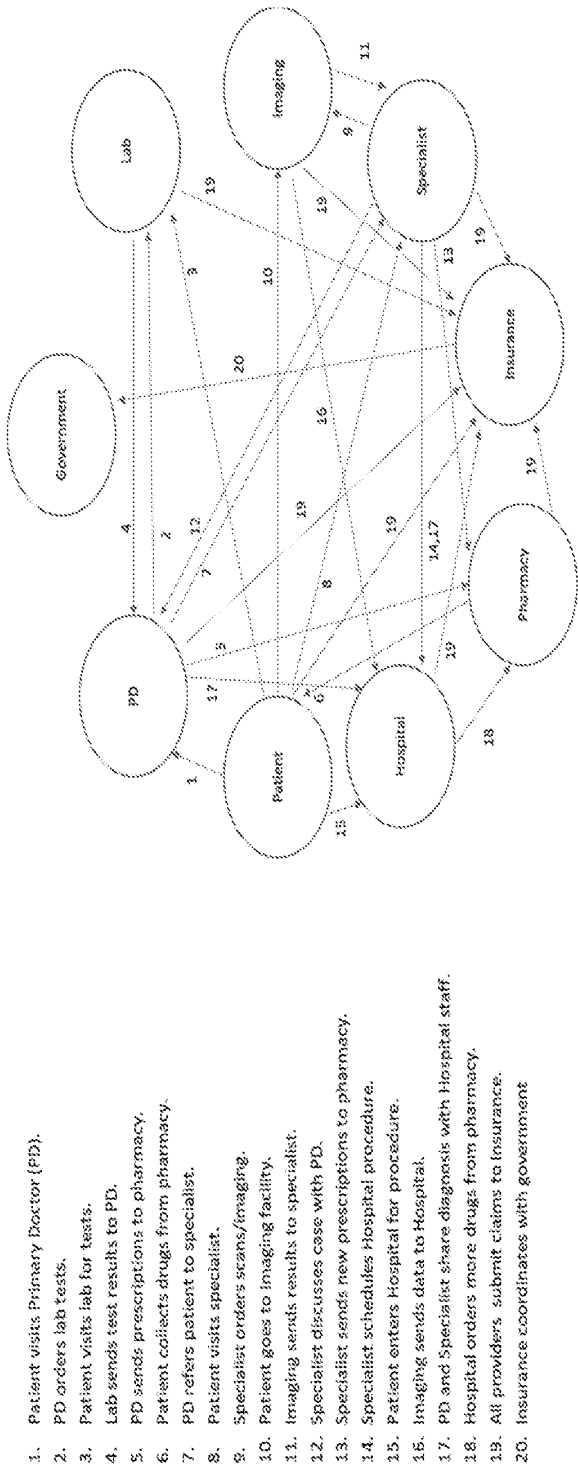
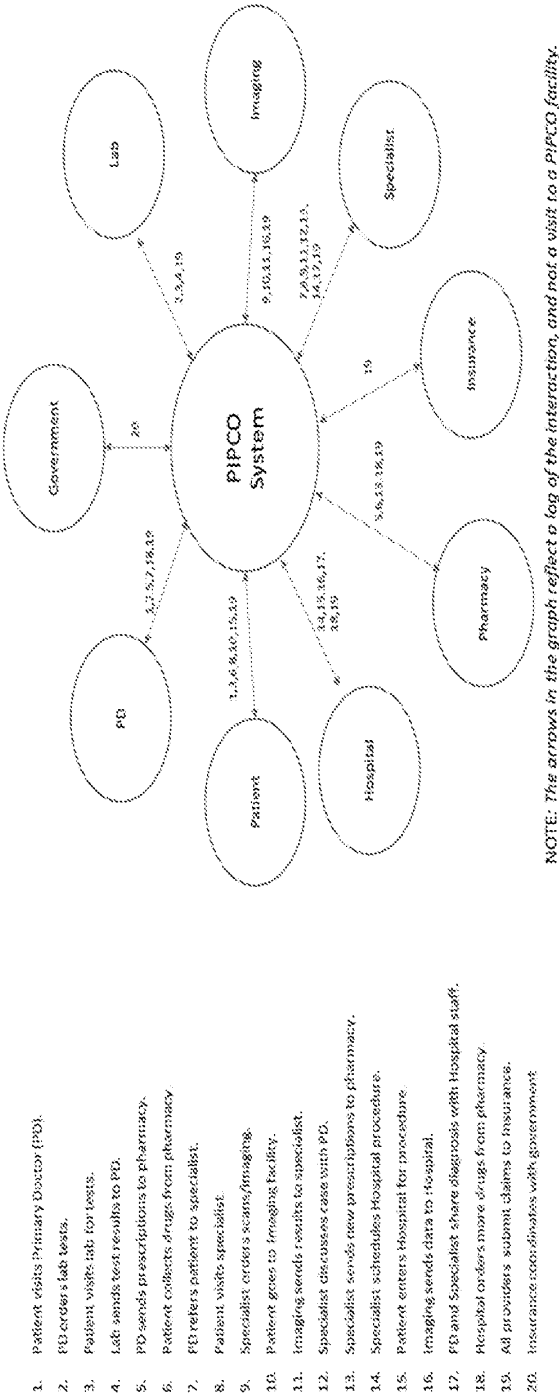


FIG. 16. ORIGINAL(PRIOR ART) HEALTHCARE PROCESS FLOW

PIPCO Re-engineered Process Flow in Patient Sick Visit



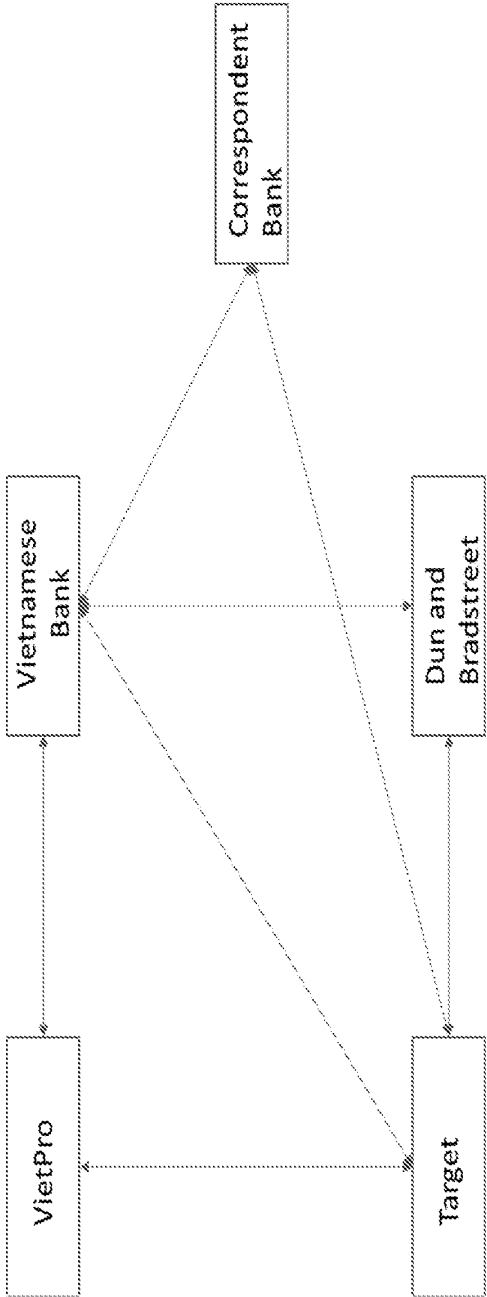


FIG. 18. ORIGINAL (PRIOR ART) BANKING TRANSACTION PROCESS FLOW

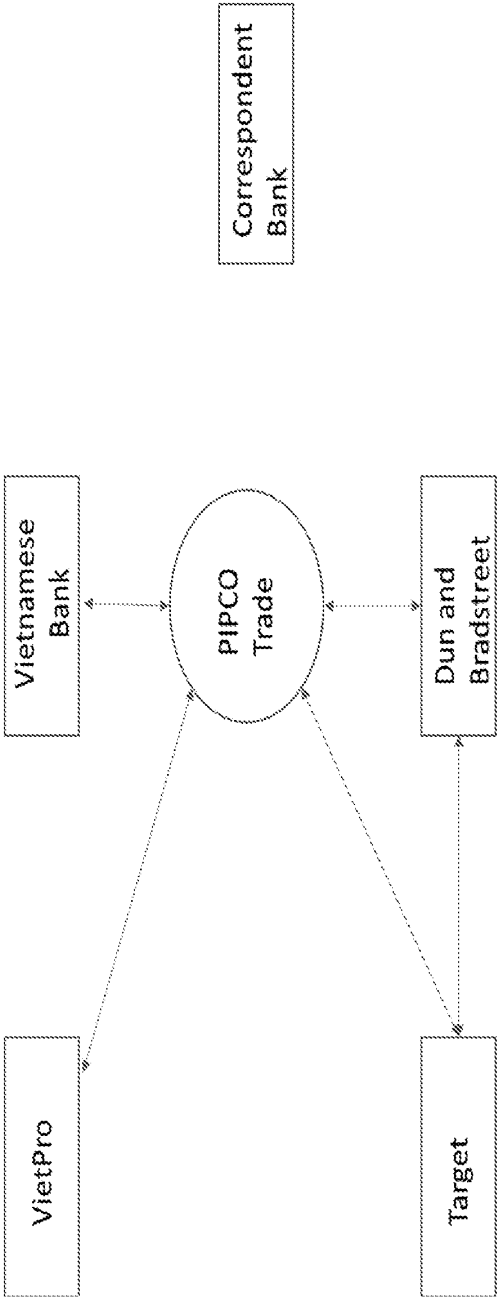


FIG. 19. PIPCO RE-ENGINEERED TRADE FINANCING

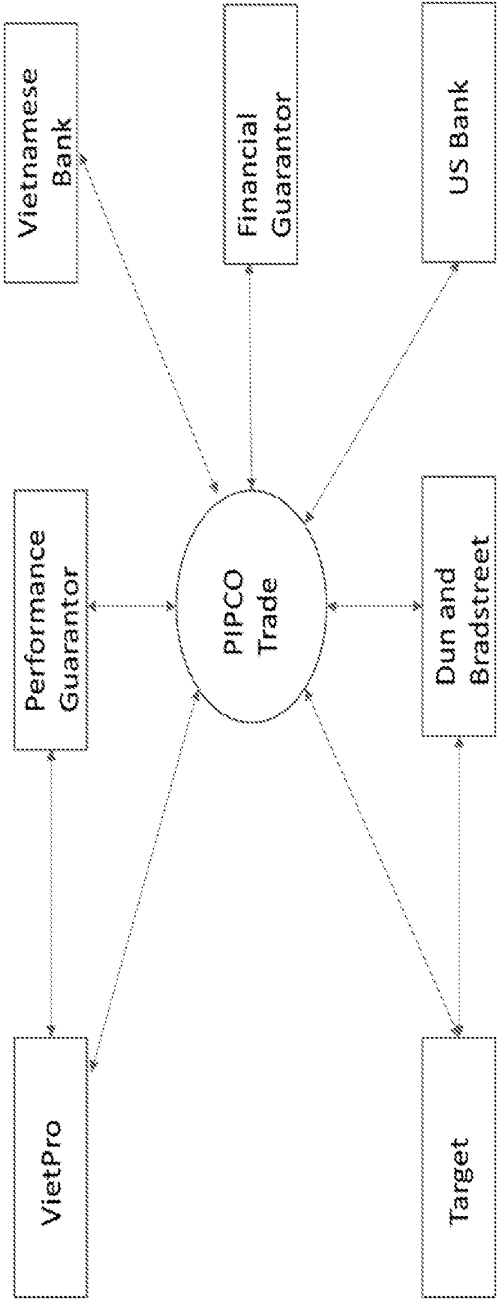


FIG. 20. PIPCO RE-ENGINEERED TRADE PROCESS FLOW

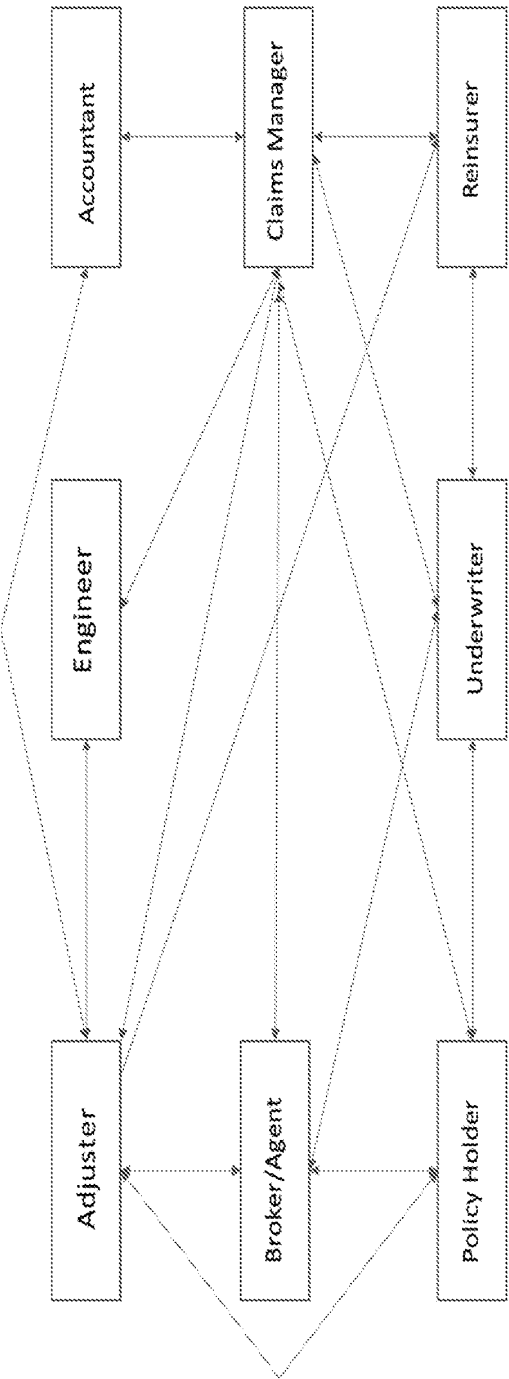


FIG. 21. ORIGINAL (PRIOR-ART) INSURANCE CLAIM SETTLEMENT PROCESS FLOW

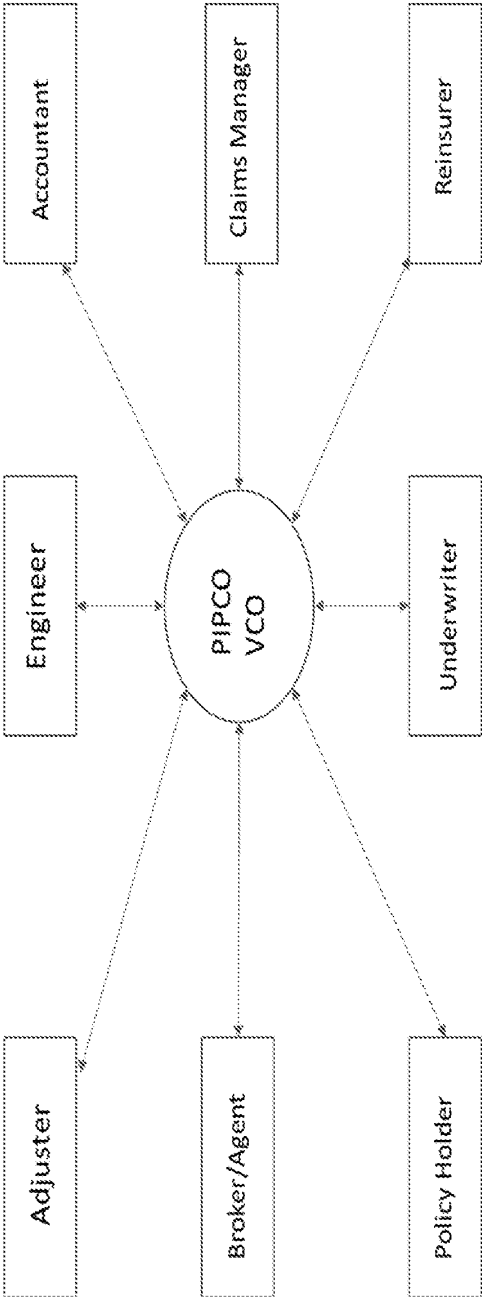


FIG. 22. PIPCO RE-ENGINEERED INSURANCE CLAIM PROCESS