

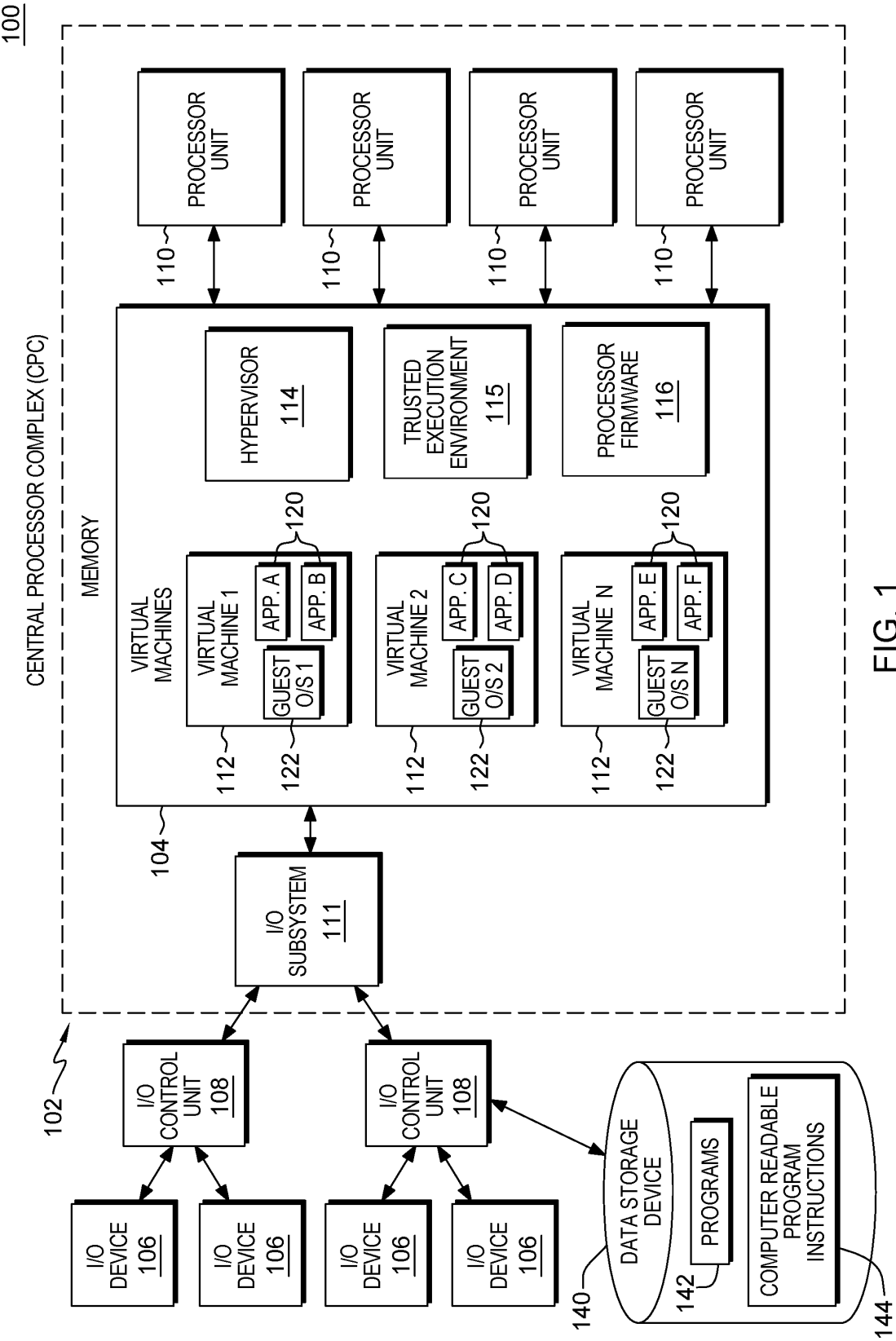


FIG. 1

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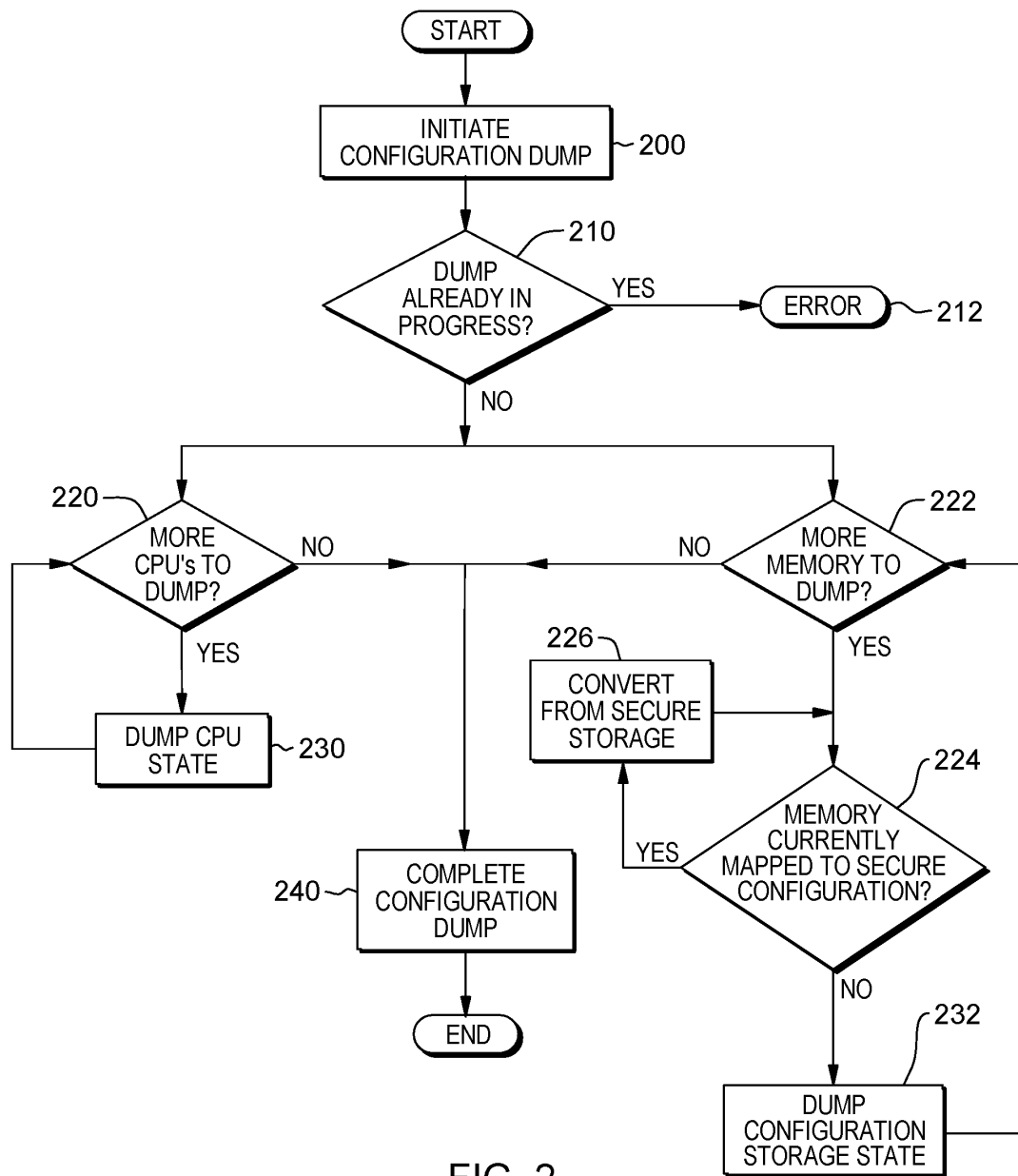


FIG. 2

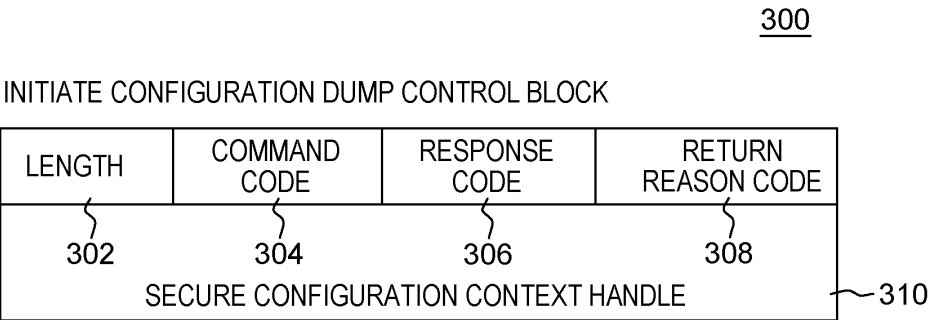


FIG. 3

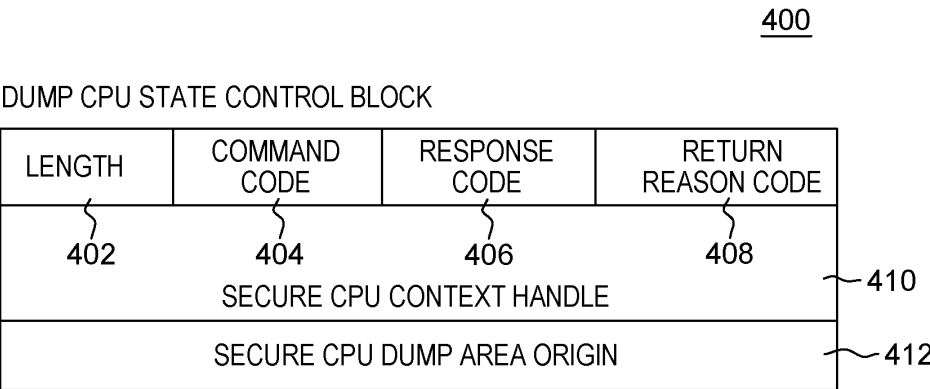


FIG. 4A

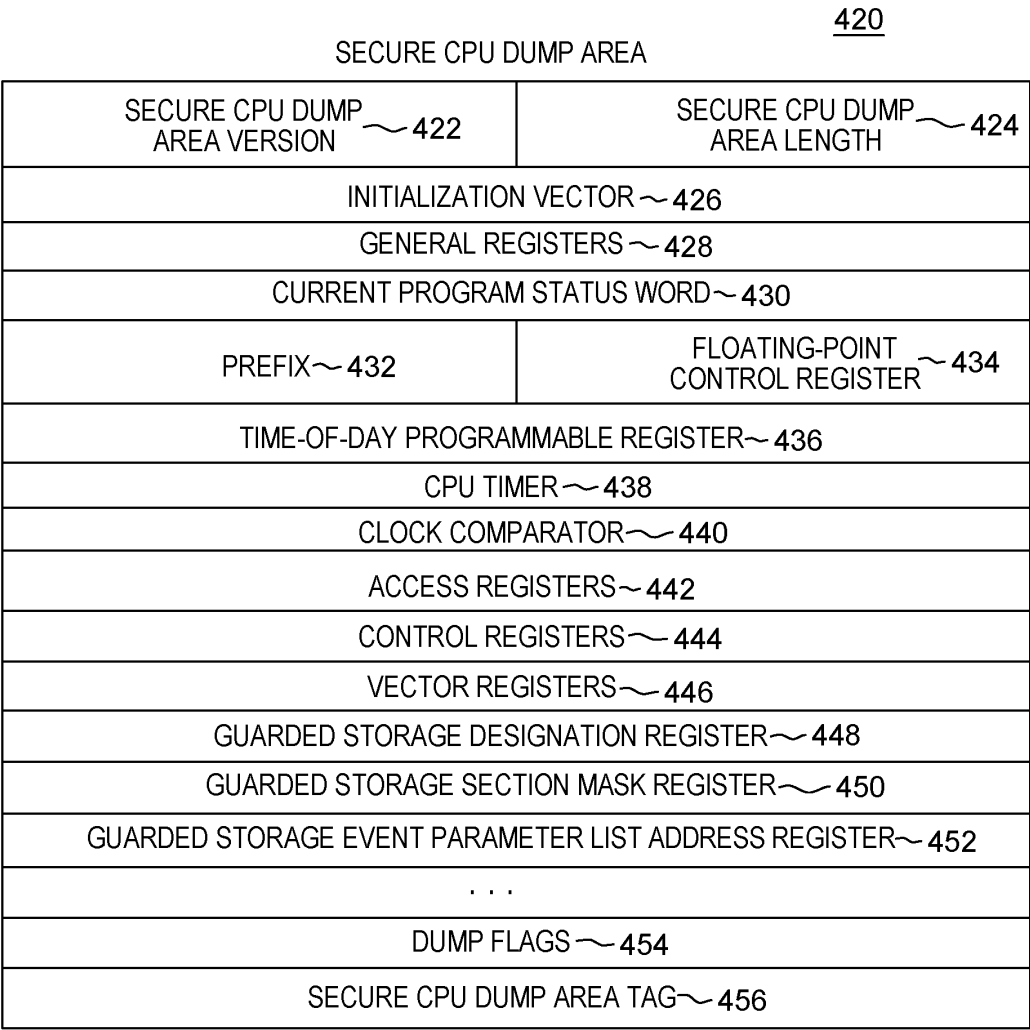


FIG. 4B

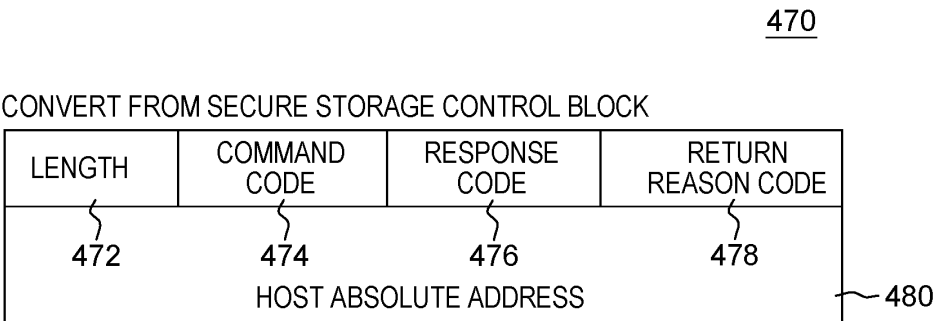


FIG. 4C

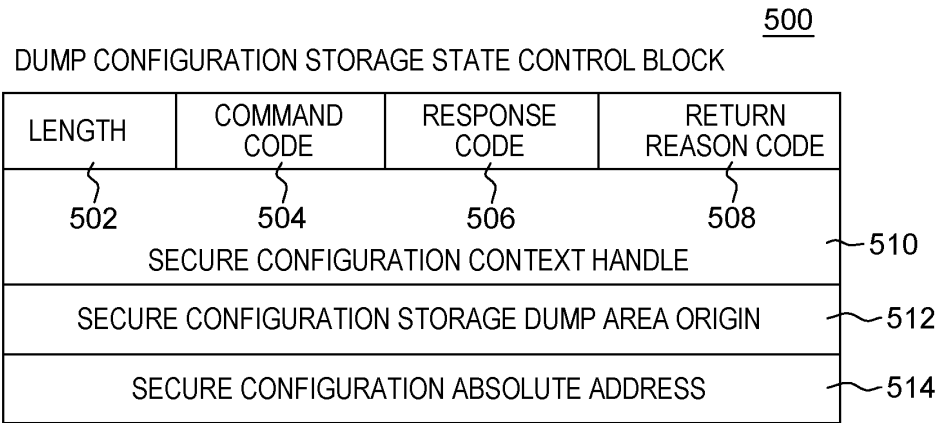


FIG. 5

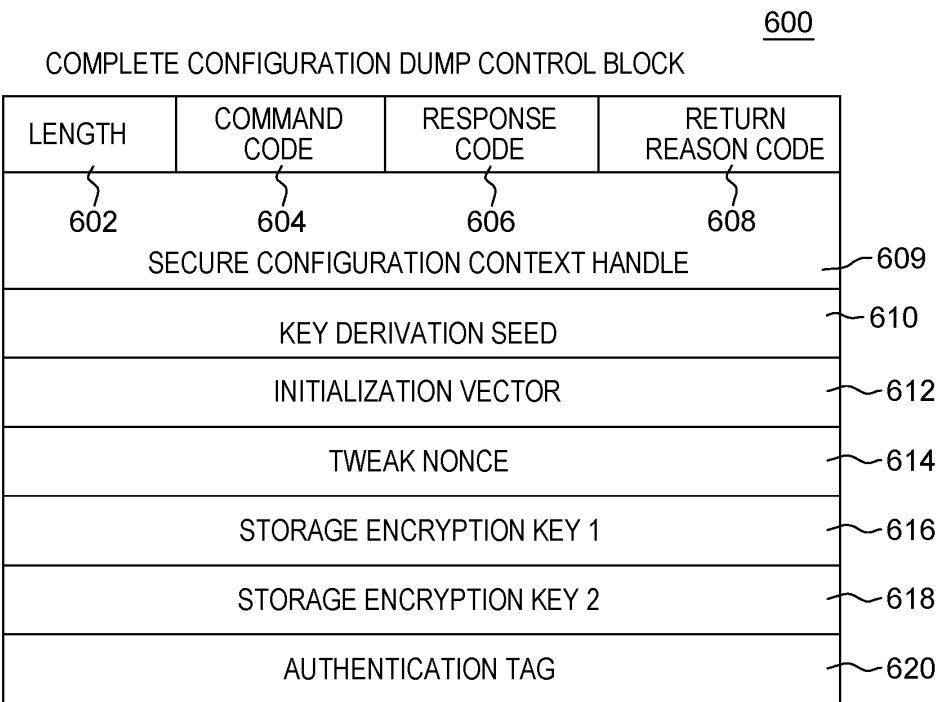


FIG. 6

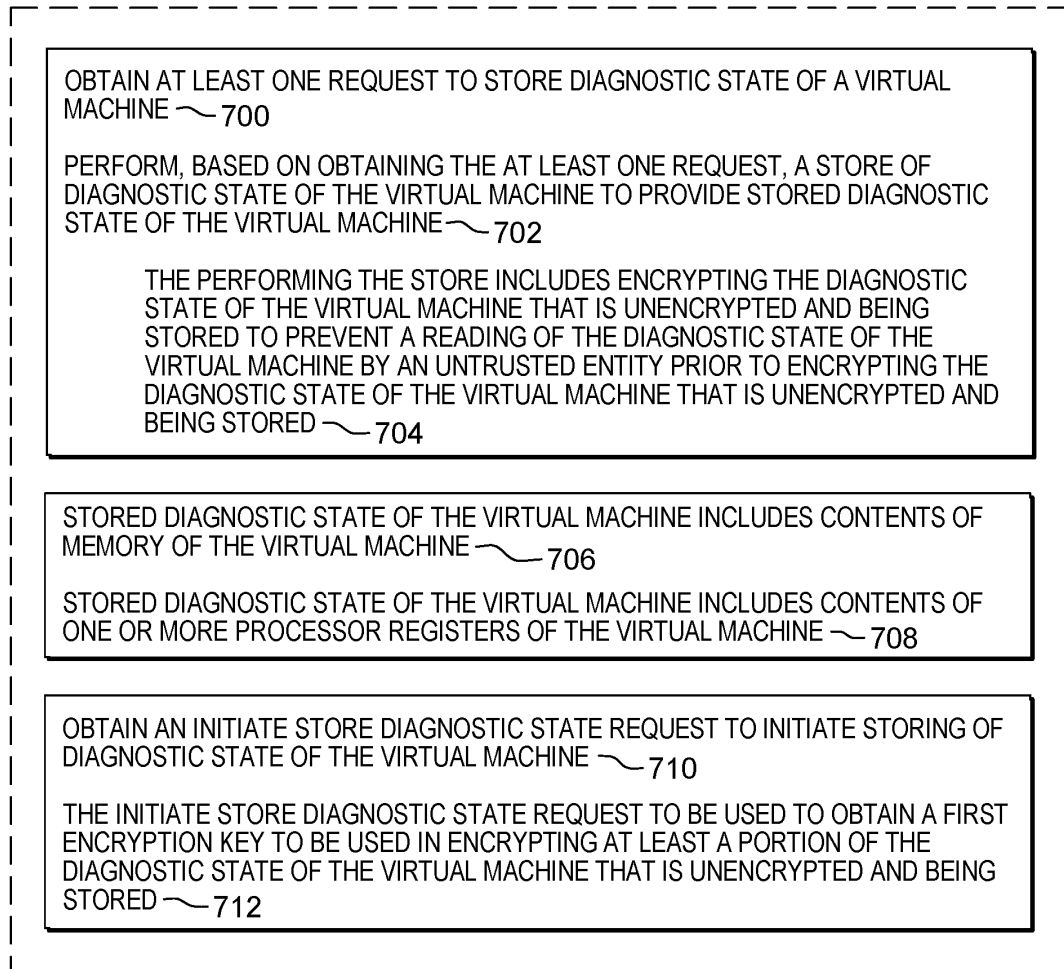


FIG. 7A

THE OBTAINING THE AT LEAST ONE REQUEST INCLUDES OBTAINING A STORE DIAGNOSTIC PROCESSOR STATE REQUEST ~ 720

BASED ON OBTAINING THE STORE DIAGNOSTIC PROCESSOR STATE REQUEST, THE PERFORMING THE STORE OF THE DIAGNOSTIC STATE INCLUDES:

ENCRYPTING AT LEAST SELECT CONTENTS OF AT LEAST ONE PROCESSOR OF THE VIRTUAL MACHINE USING THE FIRST ENCRYPTION KEY TO PROVIDE ENCRYPTED PROCESSOR CONTENTS ~ 722

STORING THE ENCRYPTED PROCESSOR CONTENTS ~ 724

THE OBTAINING THE AT LEAST ONE REQUEST INCLUDES OBTAINING A CONVERT FROM SECURE MEMORY REQUEST ~ 726

BASED ON OBTAINING THE CONVERT FROM SECURE MEMORY REQUEST, THE PERFORMING THE STORE OF THE DIAGNOSTIC STATE INCLUDES:

ENCRYPTING AT LEAST SELECT CONTENTS OF MEMORY OF THE VIRTUAL MACHINE THAT ARE UNENCRYPTED USING A SECOND ENCRYPTION KEY TO PROVIDE ENCRYPTED CONTENTS OF MEMORY ~ 730

STORING THE ENCRYPTED CONTENTS OF MEMORY ~ 732

THE PERFORMING THE STORE OF THE DIAGNOSTIC STATE, BASED ON OBTAINING THE CONVERT FROM SECURE MEMORY REQUEST, INCLUDES:

DETERMINING WHETHER A UNIT OF MEMORY FOR WHICH CONTENTS ARE TO BE STORED IS ENCRYPTED ~ 736

ENCRYPTING THE UNIT OF MEMORY USING THE SECOND ENCRYPTION KEY, BASED ON DETERMINING THE UNIT OF MEMORY IS UNENCRYPTED, WHEREIN UNITS OF MEMORY THAT ARE ENCRYPTED ARE NOT RE-ENCRYPTED ~ 738

FIG. 7B

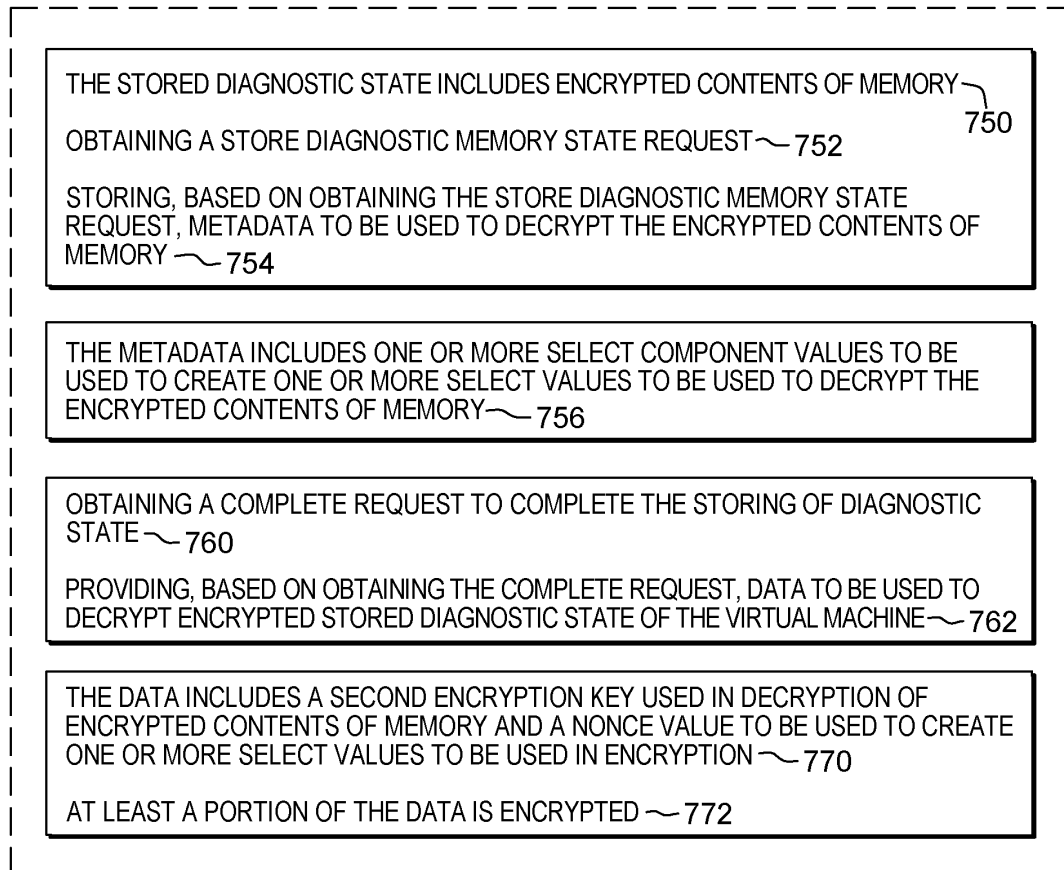


FIG. 7C

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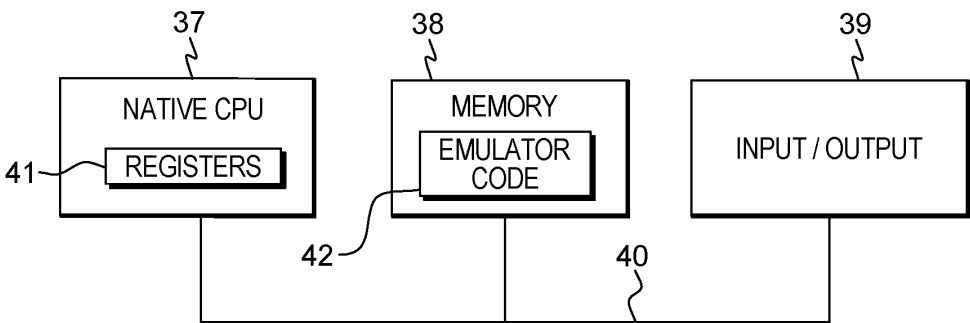


FIG. 8A

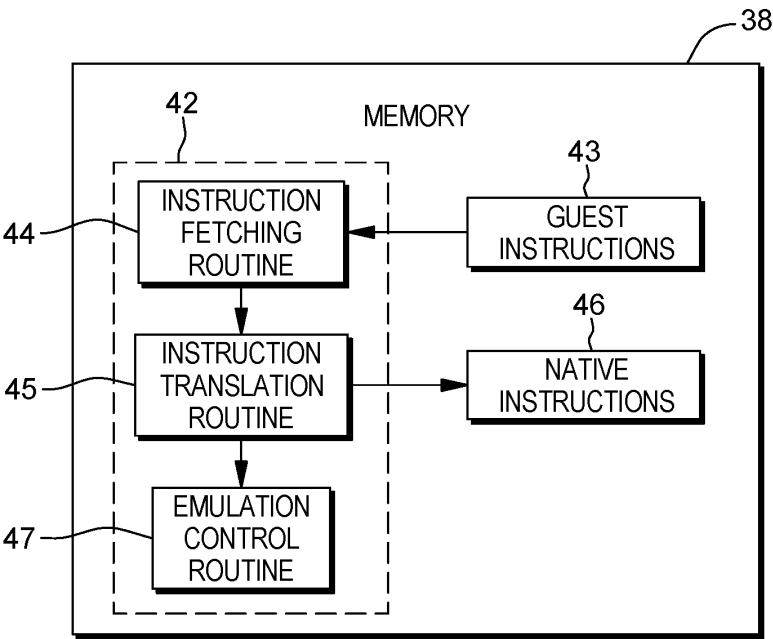


FIG. 8B

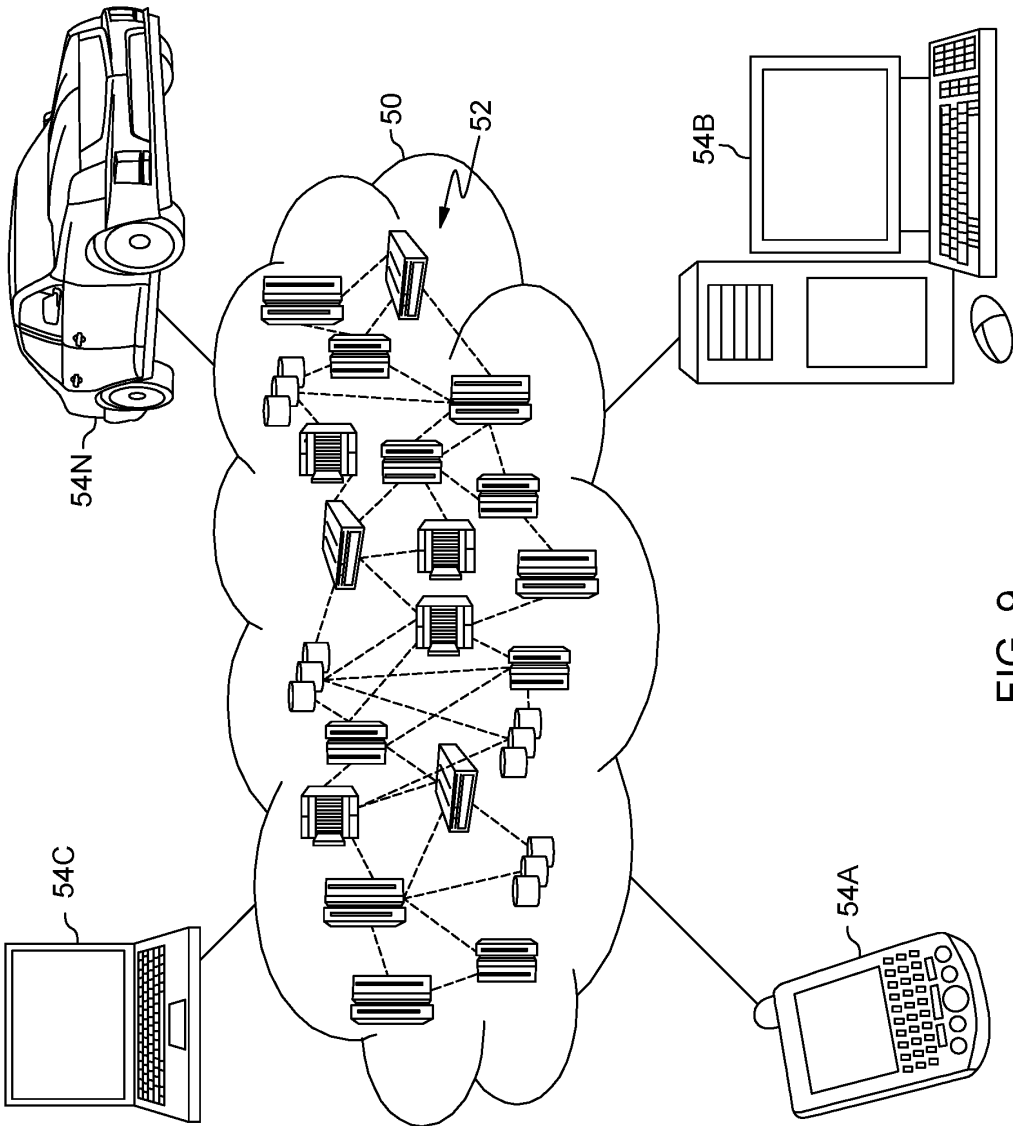


FIG. 9

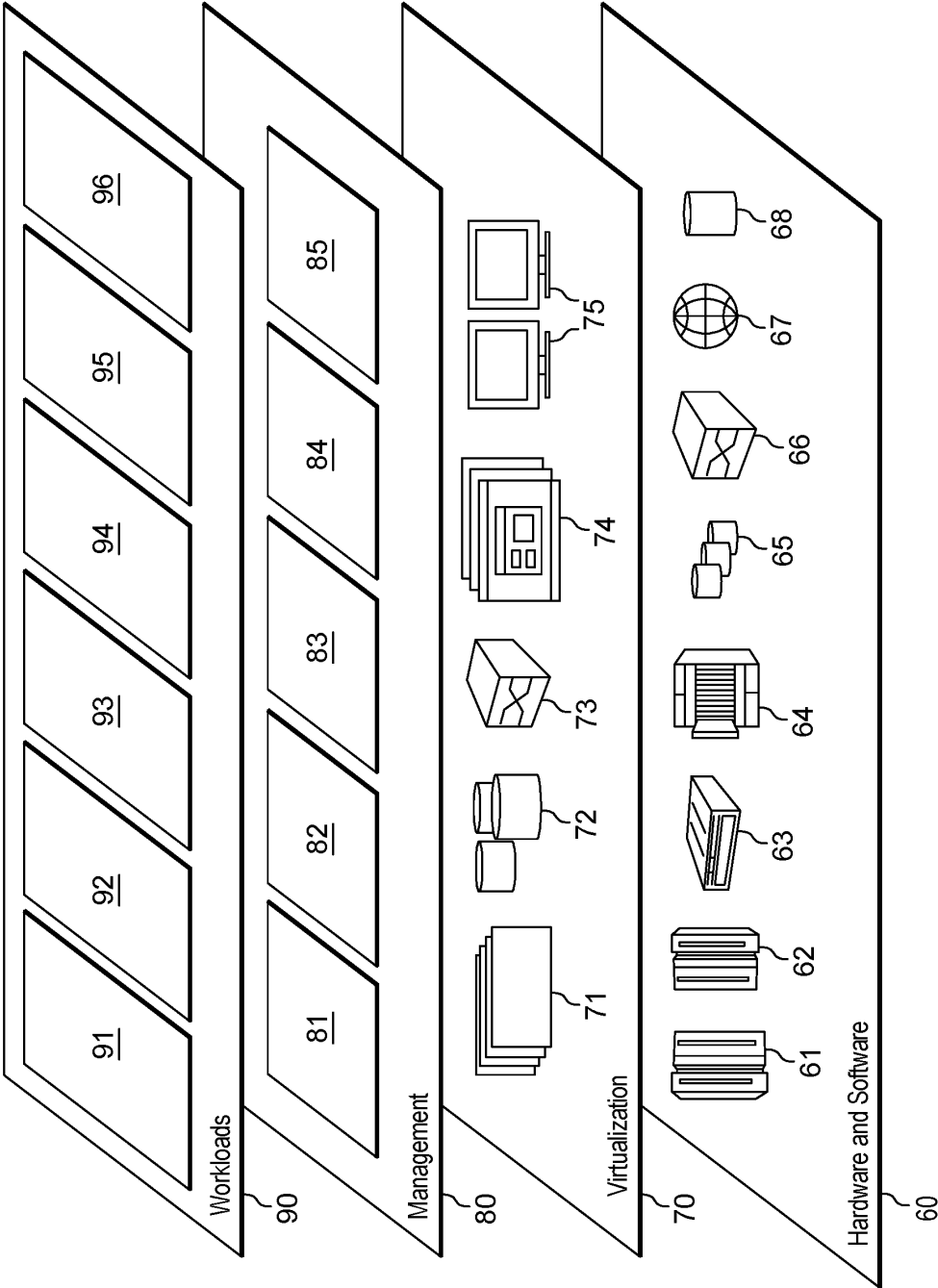


FIG. 10