

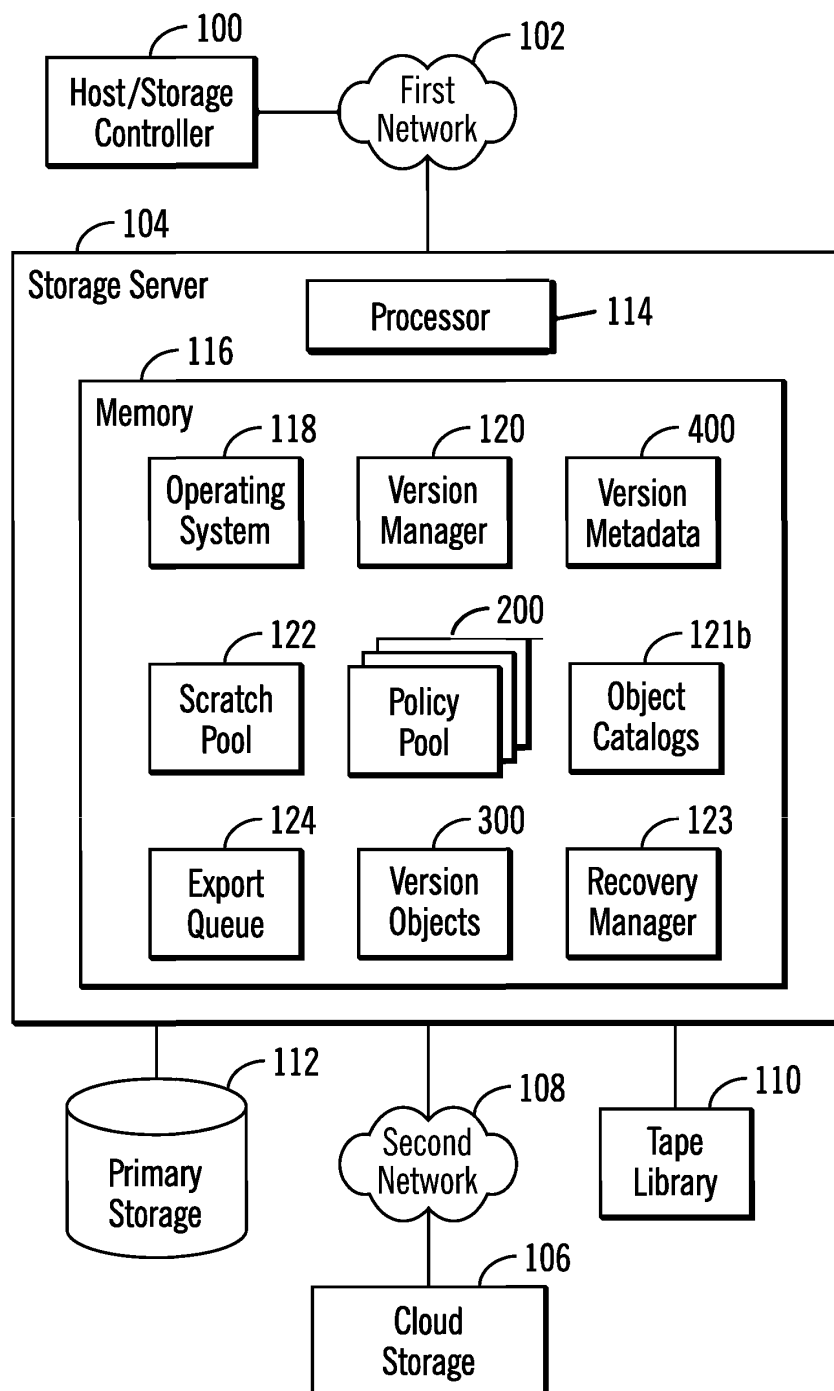


FIG. 1

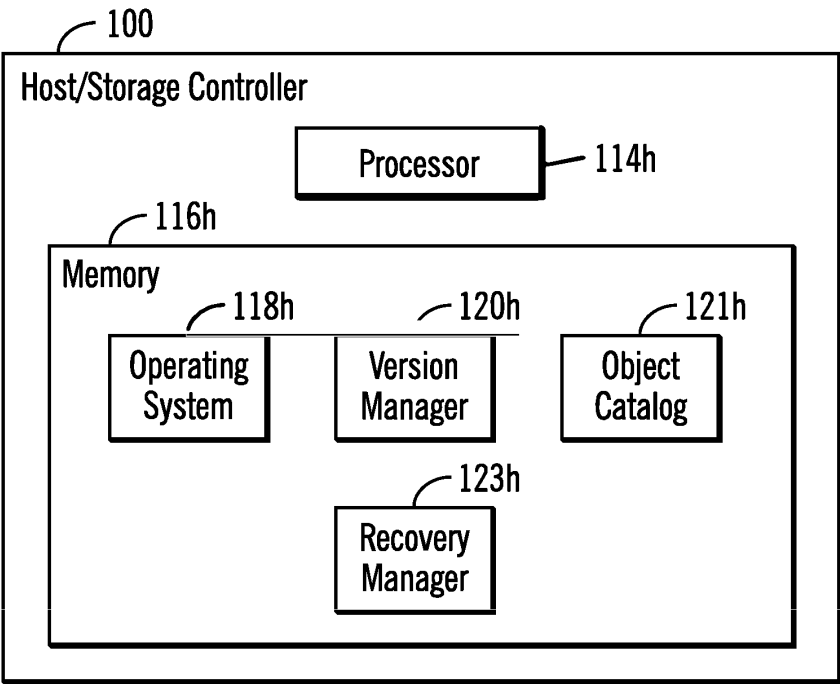


FIG. 1A



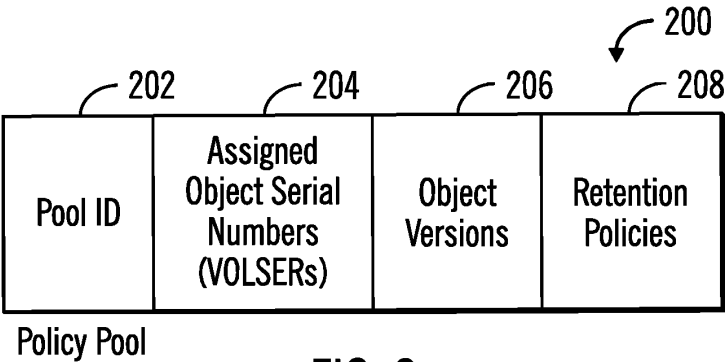


FIG. 2

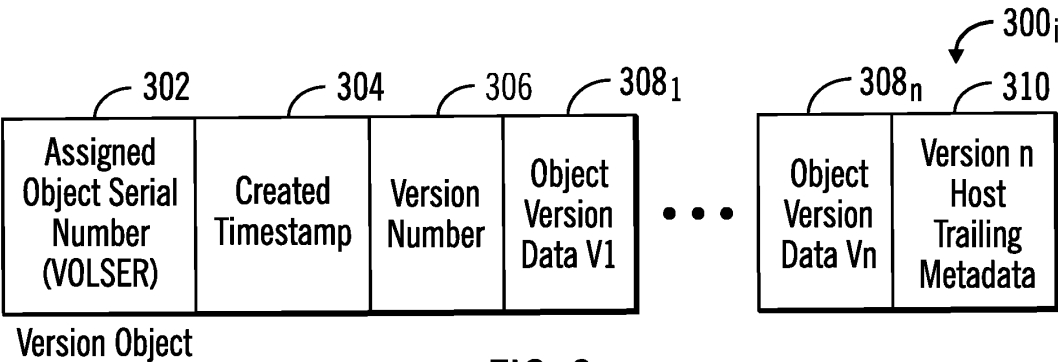


FIG. 3

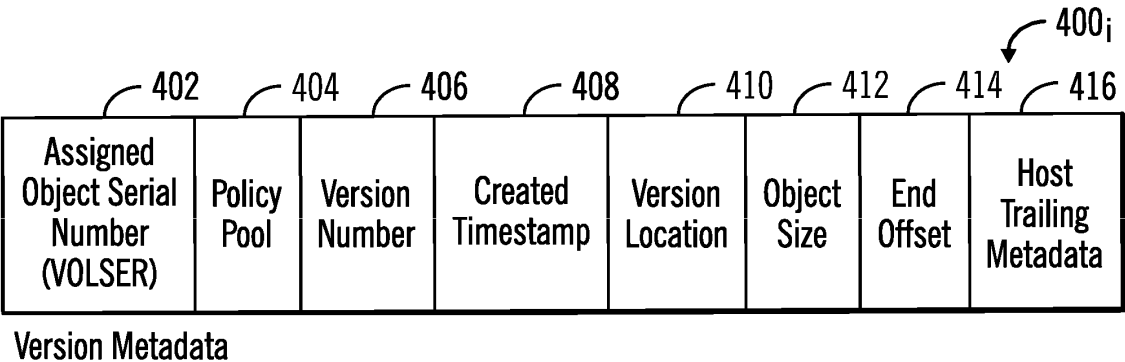


FIG. 4

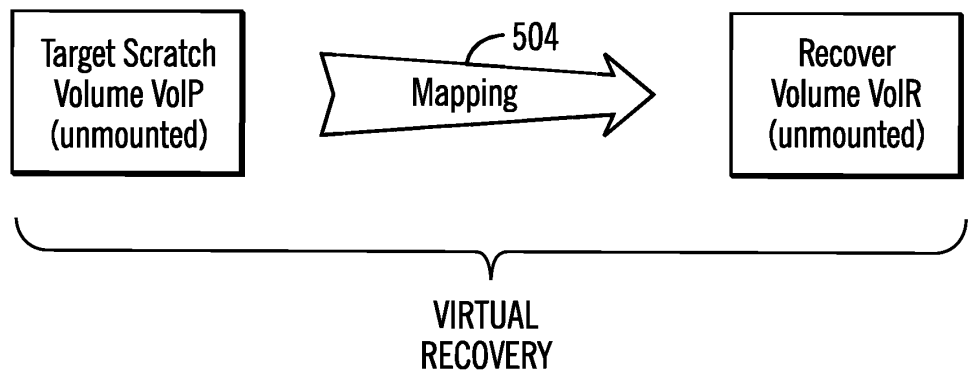


FIG. 5A

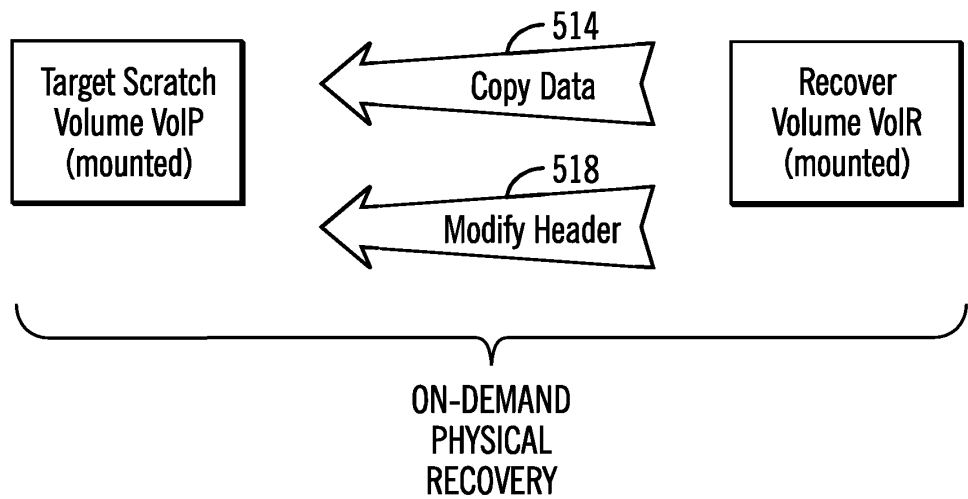


FIG. 5B

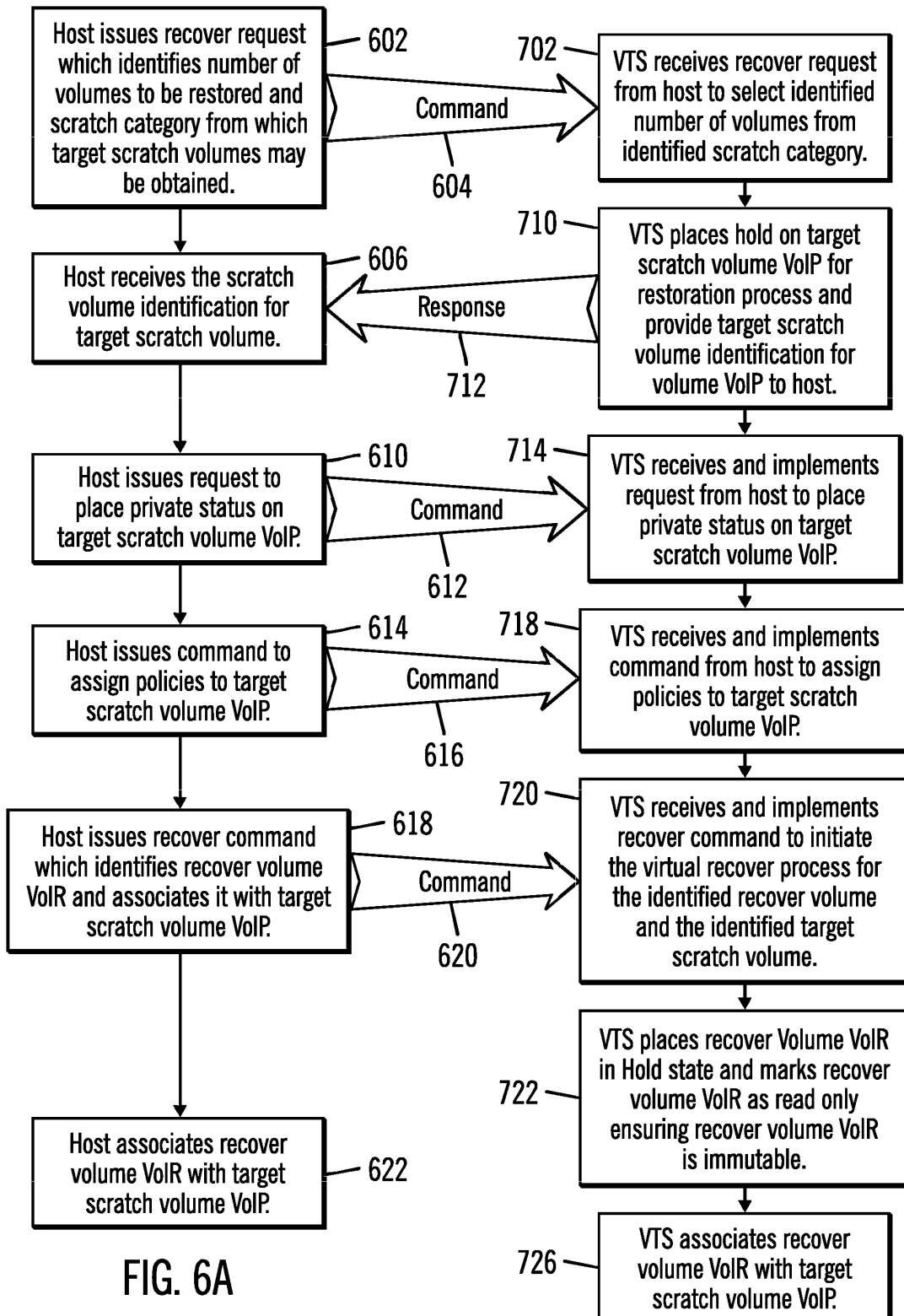
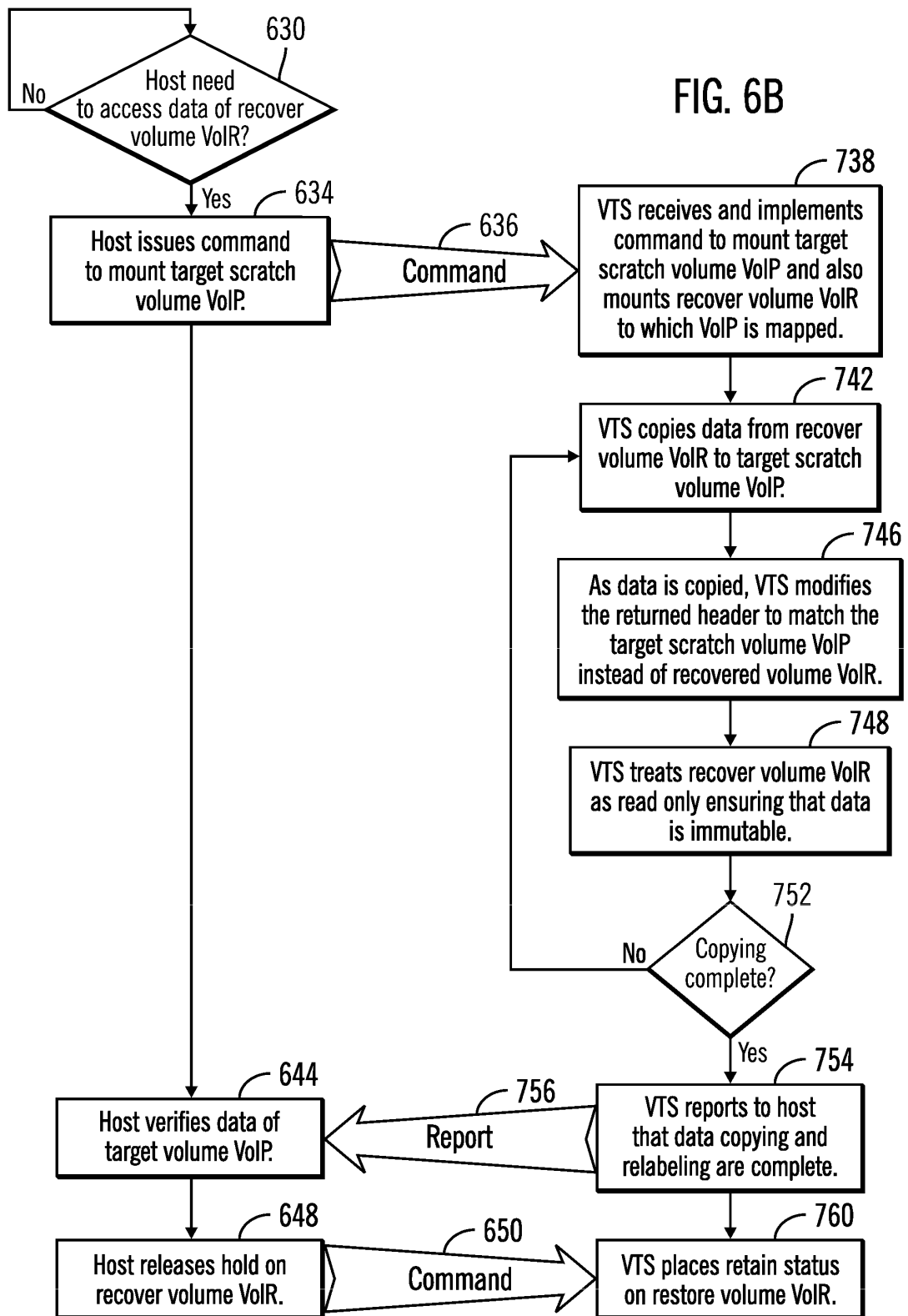


FIG. 6B



TAPE LIBRARY CATALOG PRIOR TO INITIATION OF VIRTUAL RECOVERY PROCESS			
Volume Serial No.	Volume Version	Volume State	Volume Category
L00000	V1	Active	C000
L00000	V2	Retain	C000
S99999	—	Scratch	0002

FIG. 7A

TAPE LIBRARY CATALOG UPON INITIATION OF VIRTUAL RECOVERY PROCESS			
Volume Serial No.	Volume Version	Volume State	Volume Category
L00000	V1	Active	C000
L00000	V2	Retain	C000
S99999	-V1	HOLD	Y000

FIG. 7B

TAPE LIBRARY CATALOG DURING VIRTUAL RECOVERY PROCESS			
Volume Serial No.	Volume Version	Volume State	Volume Category
L00000	V1	Active	C000
L00000	V2	Retain	C000
S99999	-V1	Private	C000

FIG. 7C

TAPE LIBRARY CATALOG DURING VIRTUAL RECOVERY PROCESS			
Volume Serial No.	Volume Version	Volume State	Volume Category
L00000	V1	Active	C000
L00000	V2	HOLD	C000
S99999	-V1	Private	C000

FIG. 7D

TAPE LIBRARY CATALOG UPON INITIATION OF PHYSICAL RECOVERY PROCESS			
Volume Serial No.	Volume Version	Volume State	Volume Category
L00000	V1	Active	C000
L00000	V2	HOLD	C000
S99999	-V1	Mount	C000

FIG. 7E

TAPE LIBRARY CATALOG UPON COMPLETION OF COPYING FOR PHYSICAL RECOVERY PROCESS			
Volume Serial No.	Volume Version	Volume State	Volume Category
L00000	V1	Active	C000
L00000	V2	HOLD	C000
S99999	-V1	Active	C000

FIG. 7F

TAPE LIBRARY CATALOG UPON COMPLETION OF RECOVERY PROCESS			
Volume Serial No.	Volume Version	Volume State	Volume Category
L00000	V1	Active	C000
L00000	V2	Retain	C000
S99999	-V1	Active	C000

FIG. 7G

VTS MAPPING CATALOG FOR VIRTUAL RECOVERY PROCESS			
Target Scratch Volume Serial No.	Target Scratch Volume Version	Recover Volume Serial No.	Recover Volume Version
S99999	-V1	L00000	V2

FIG. 8A

Host MCATALOG FOR VIRTUAL RECOVERY PROCESS			
Target Scratch Volume Serial No.	Replaced Recover Volume Serial No.		
S99999	L00000		

FIG. 8B

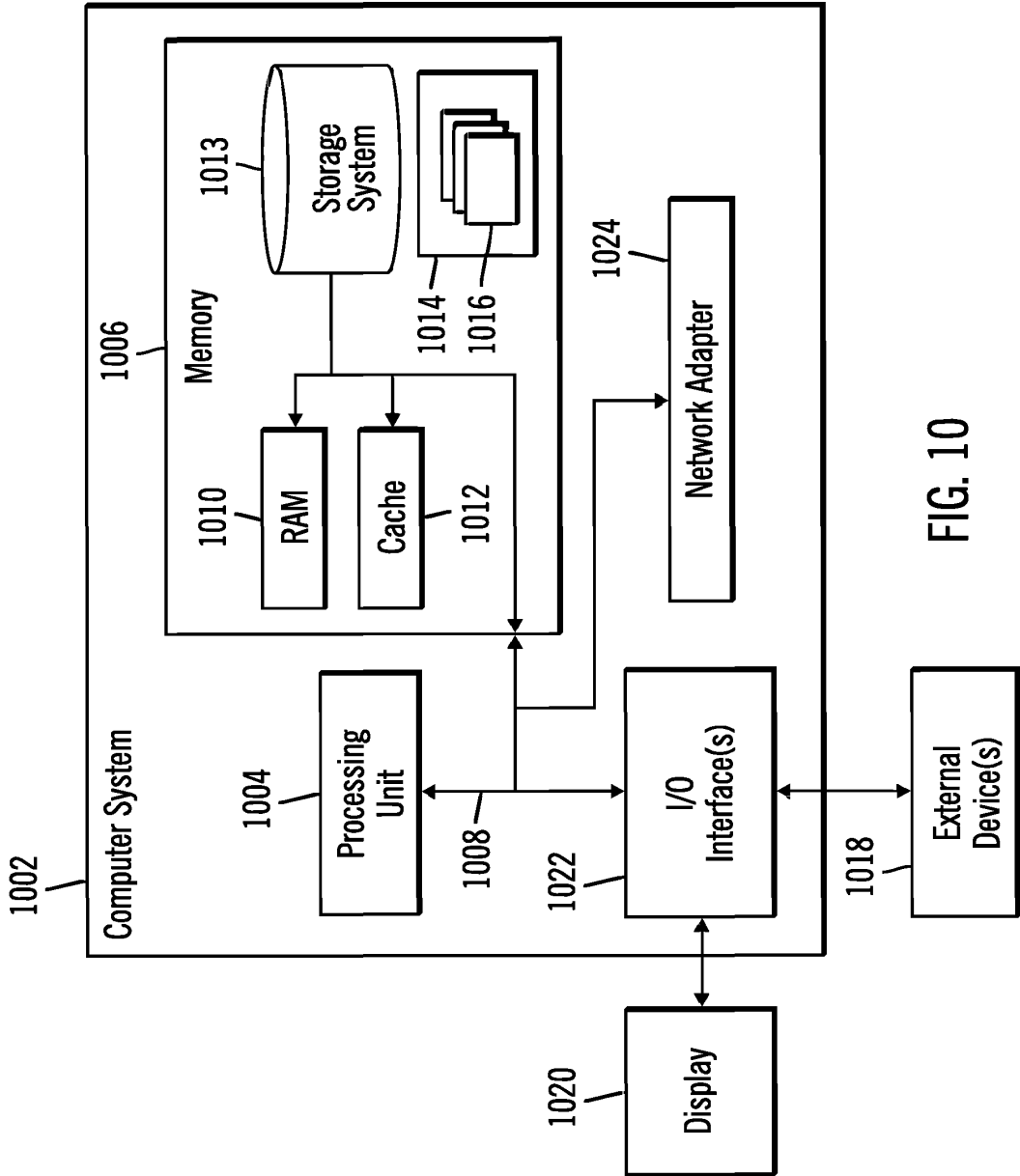


FIG. 10