

FIG.1A

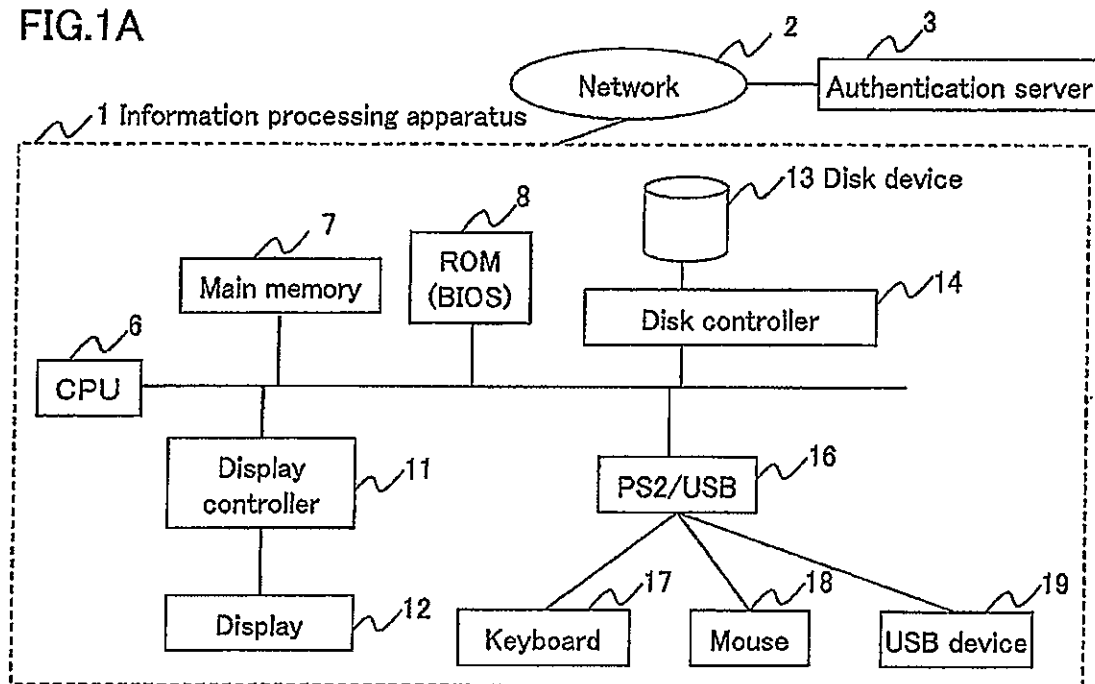


FIG.1B

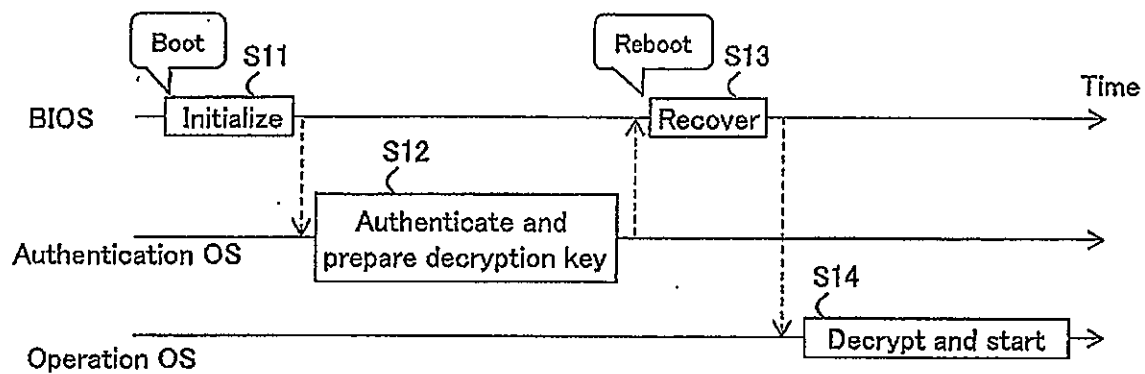


FIG.1C

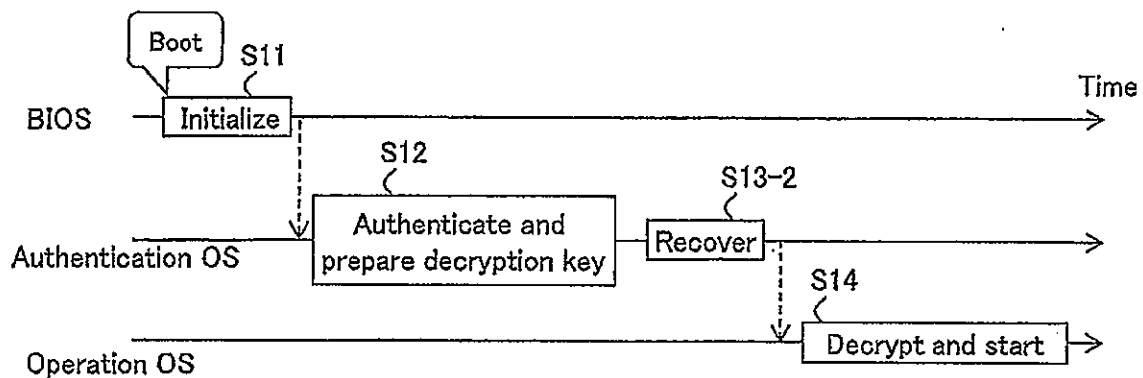


FIG.2

Internal data of Disk device

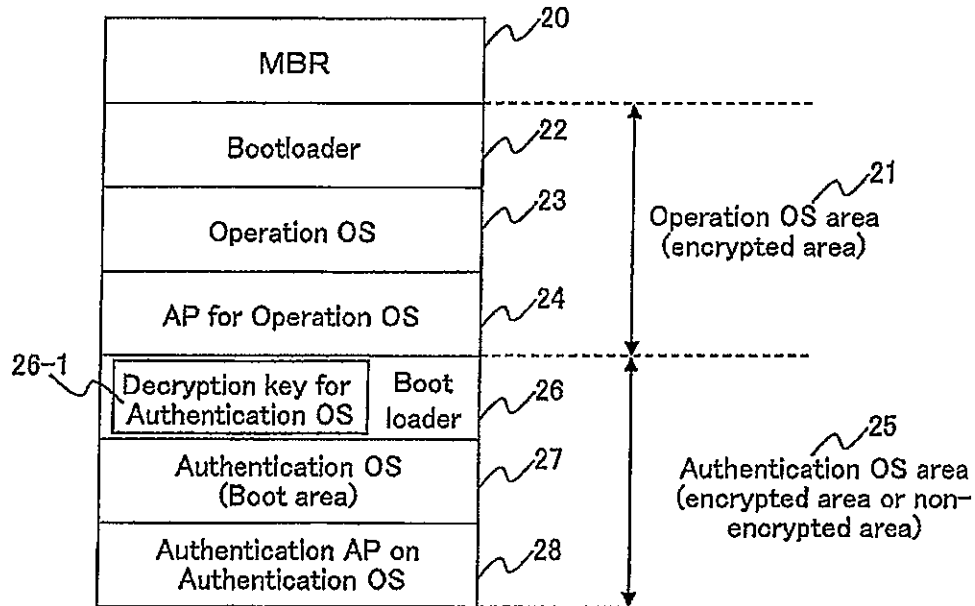


FIG.3

Internal data of Main memory

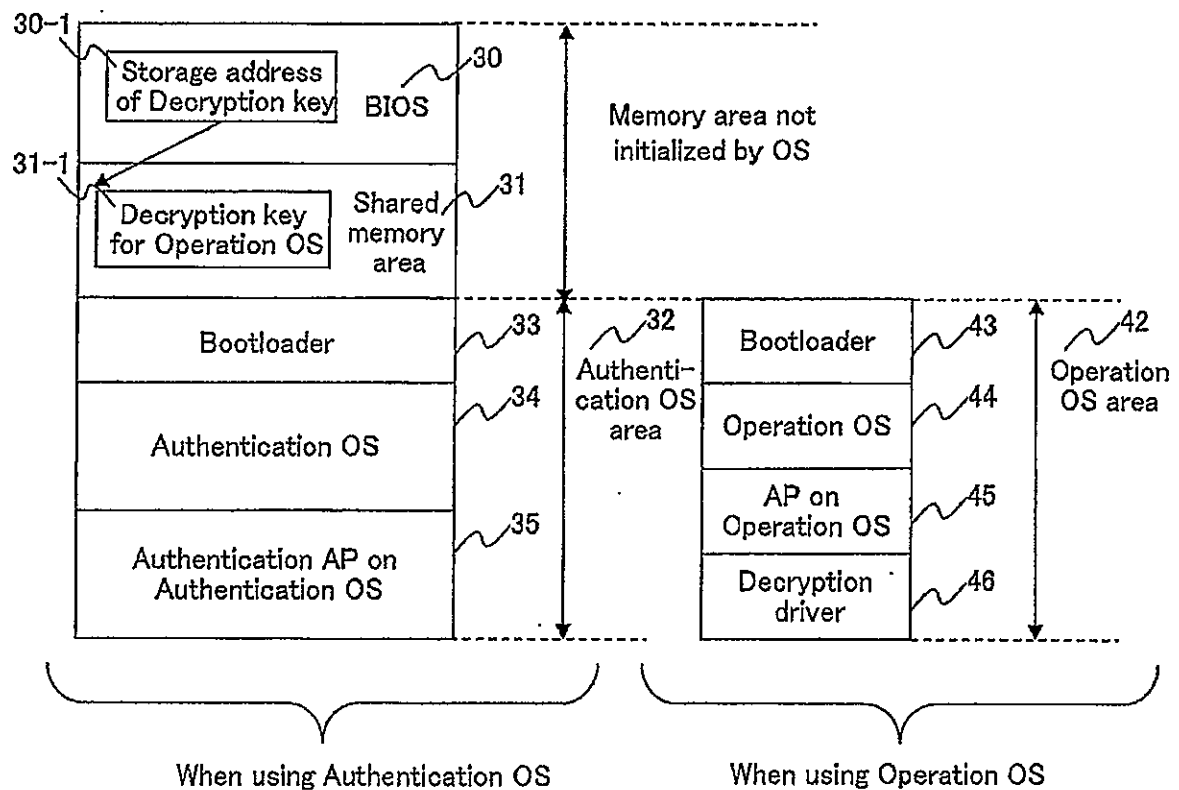


FIG.4

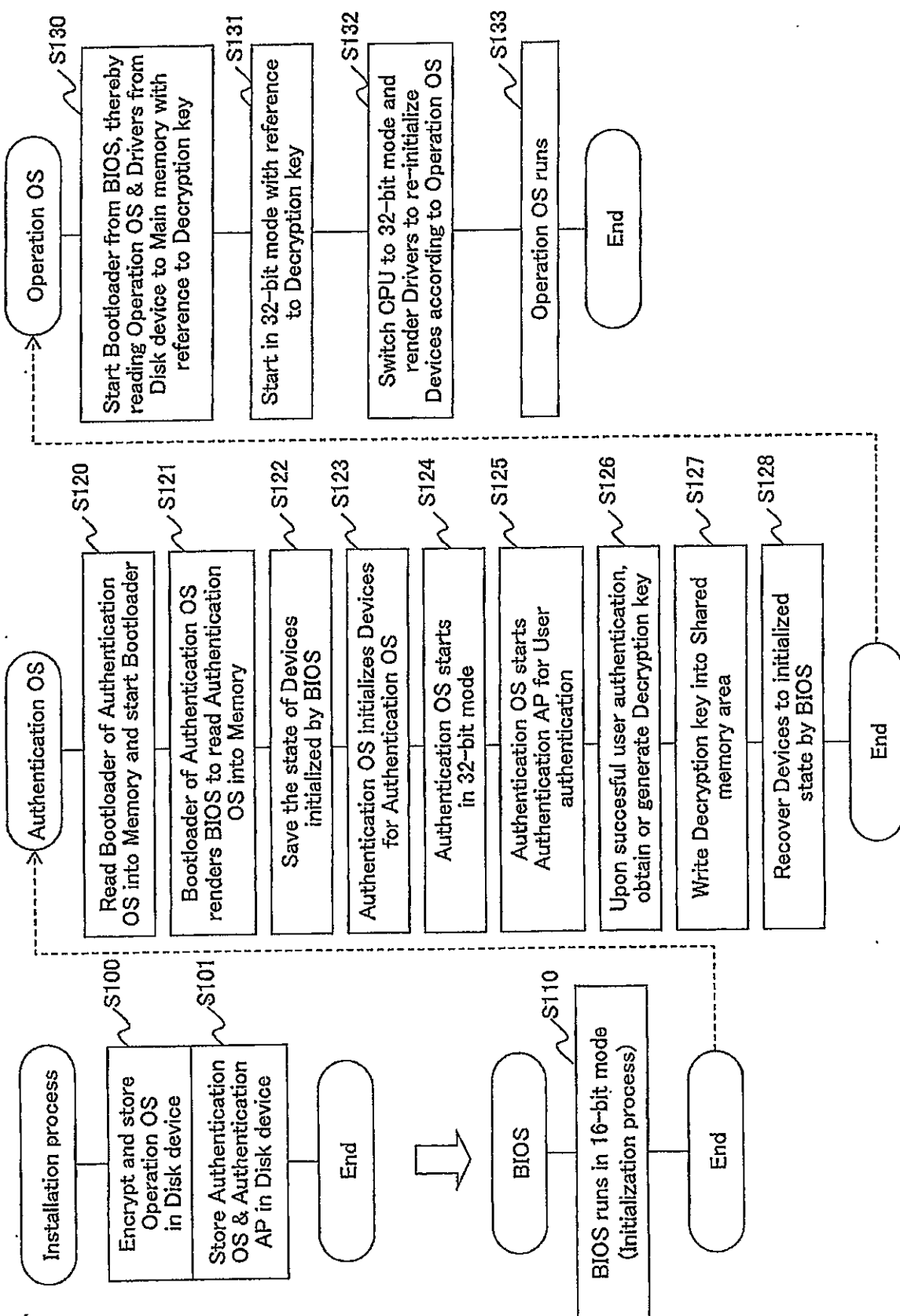


FIG.5

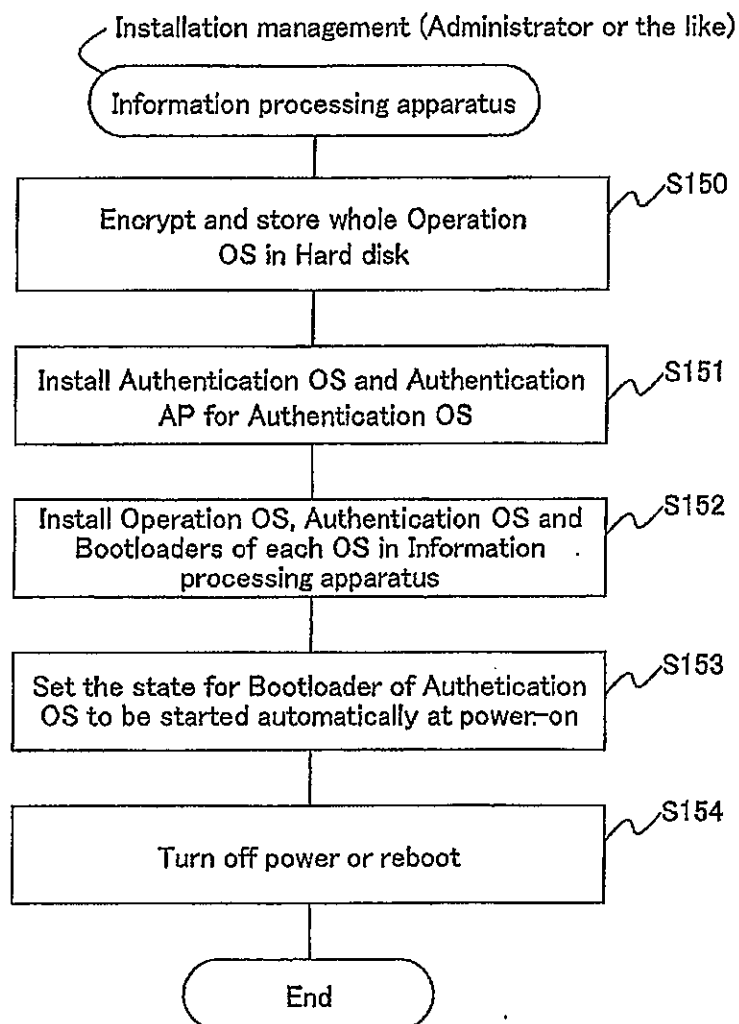


FIG.6

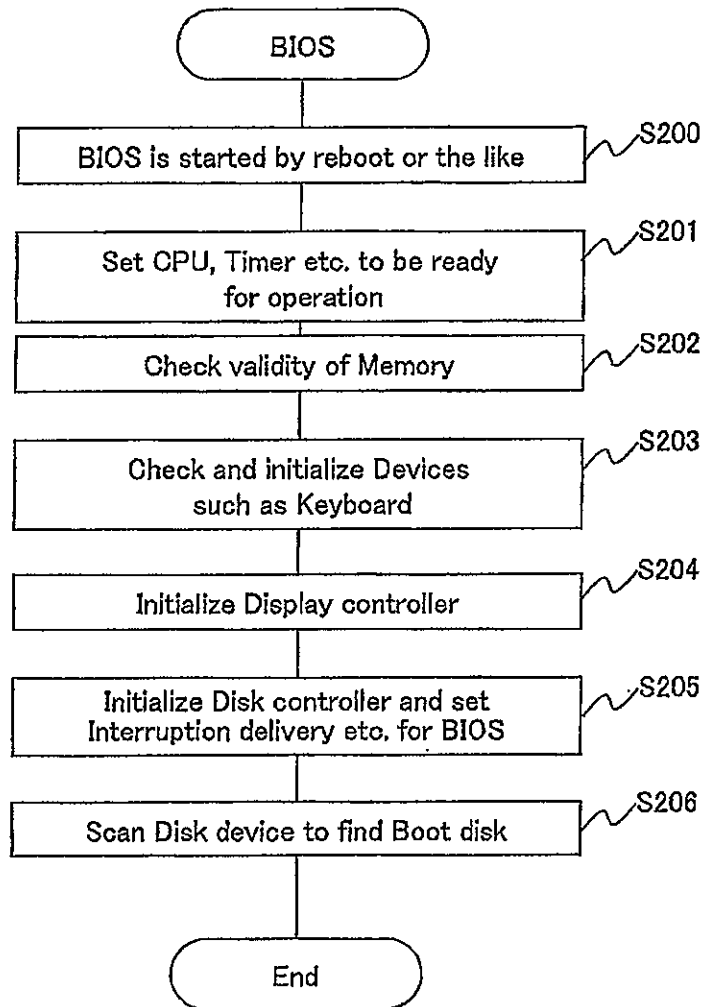


FIG.7

Hardware information to be initialized

- CPU hardware information ⁴⁰⁰
(Control register values, Segment register values,
Interrupt vector address values)
- Timer hardware information ⁴¹⁰
(Operation mode value, Interruption value,
Timer expiration interval)
- Keyboard hardware information ⁴²⁰
(Keyboard interruption value,
Control register values)
- Display controller information ⁴³⁰
(Screen mode)
- Interruption controller setting information ⁴⁴⁰
(Interruption mask values for Devices)
- Disk controller hardware information ⁴⁵⁰
(Disk mounting status, DMA transfer address values,
Operation mode, Interruption value)
- Reserved area information ⁴⁶⁰
(Storage address of Decryption key for Operation OS
30-1, Address of Shared memory area)

FIG.8

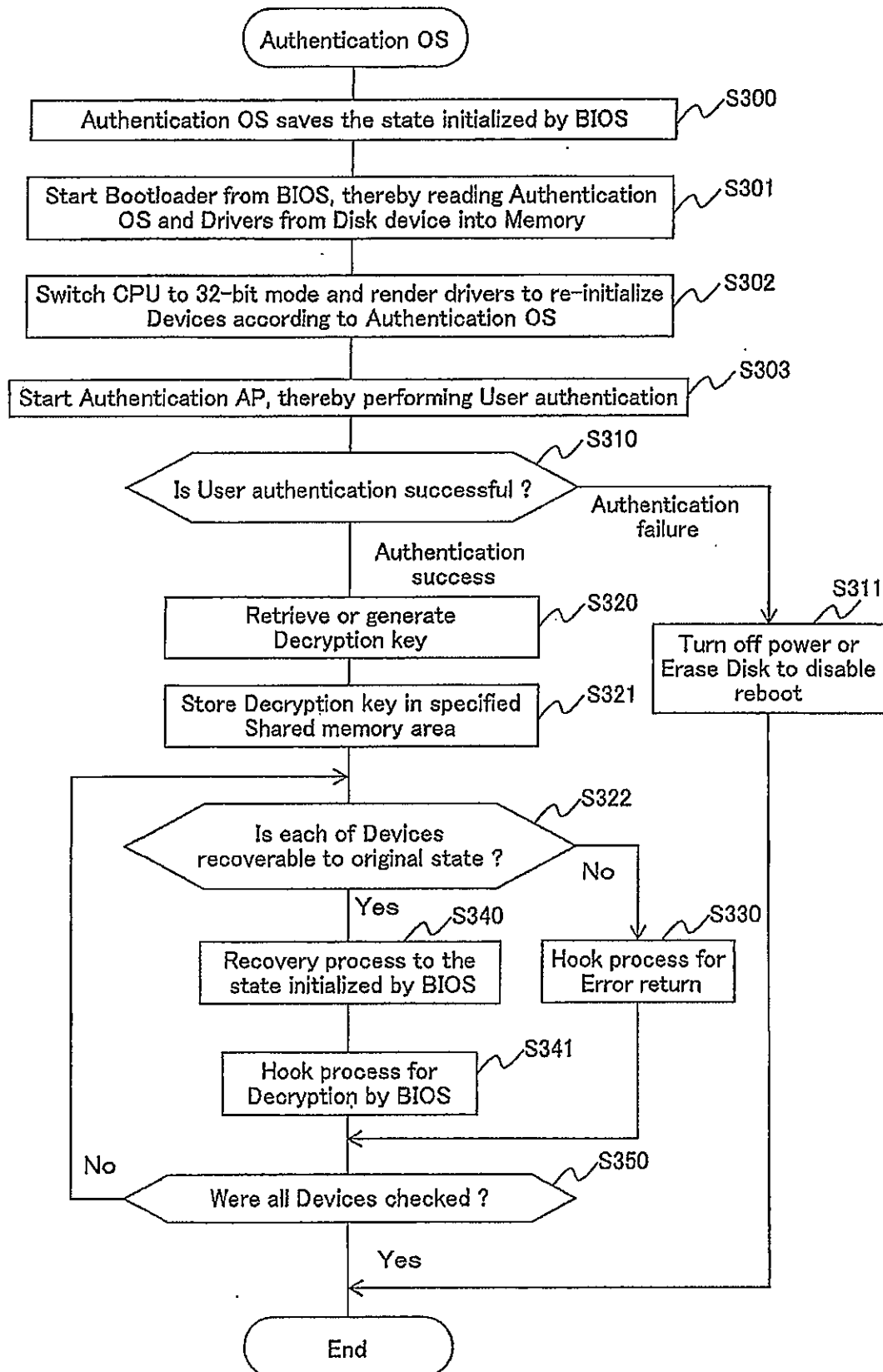


FIG.9

Hook process for Interrupt vector address

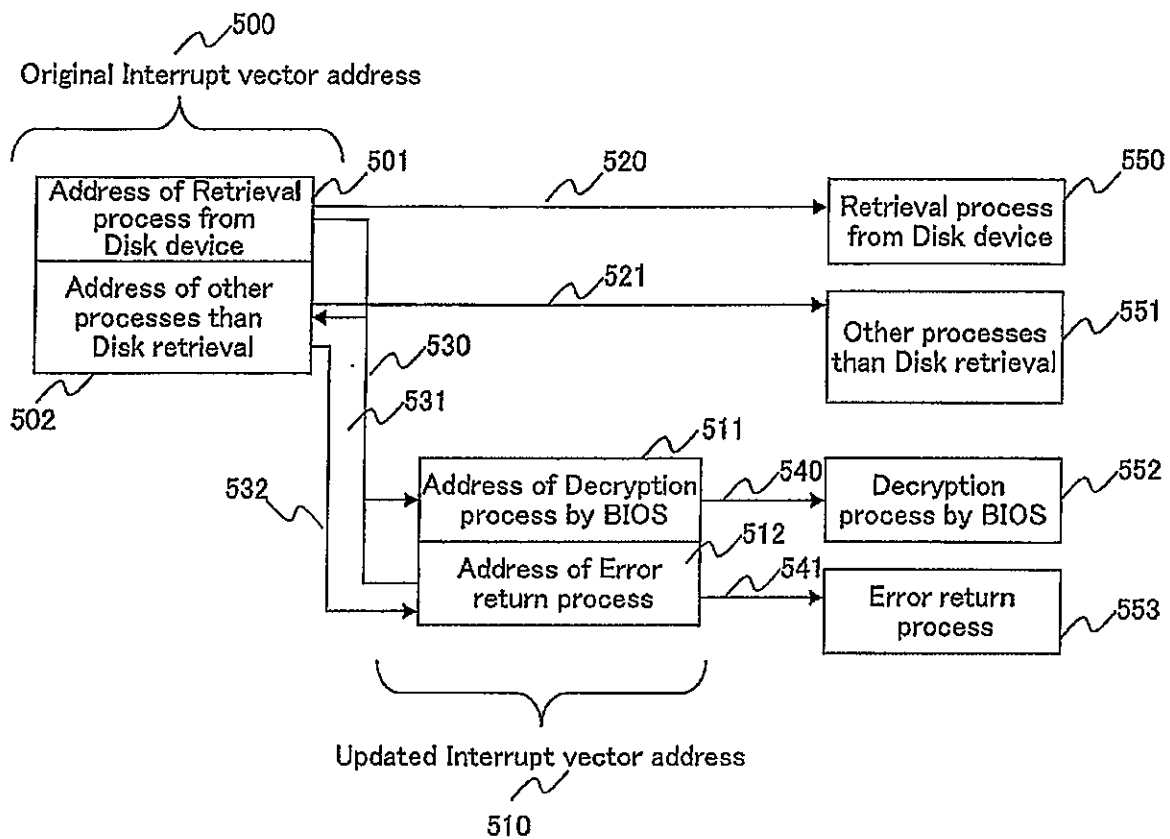


FIG.10

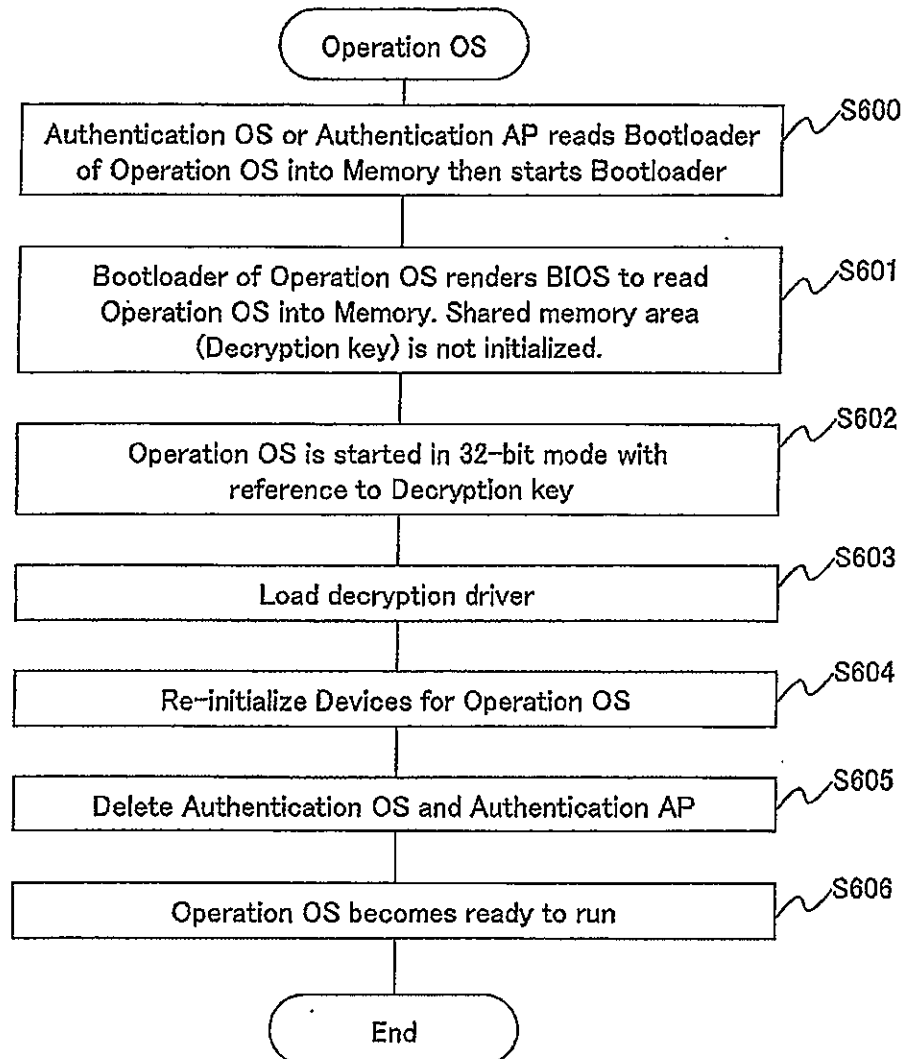


FIG.11

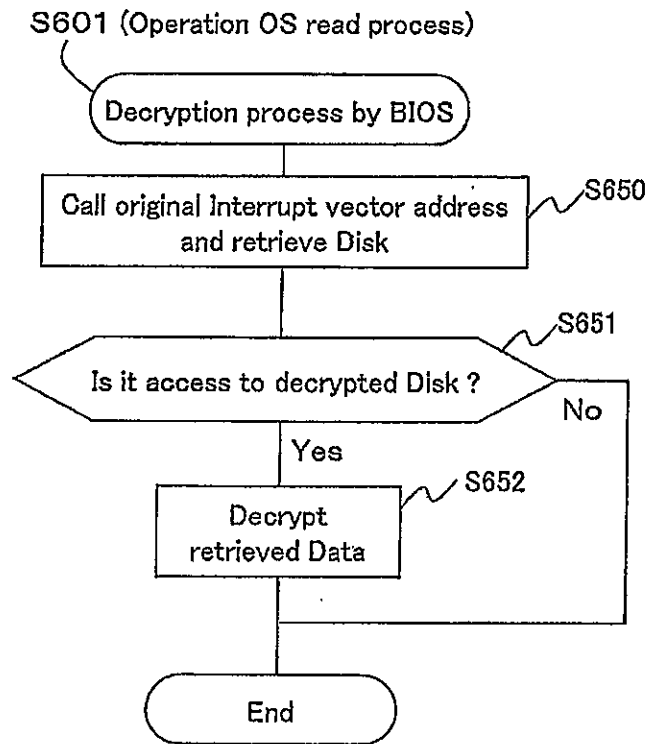


FIG.12

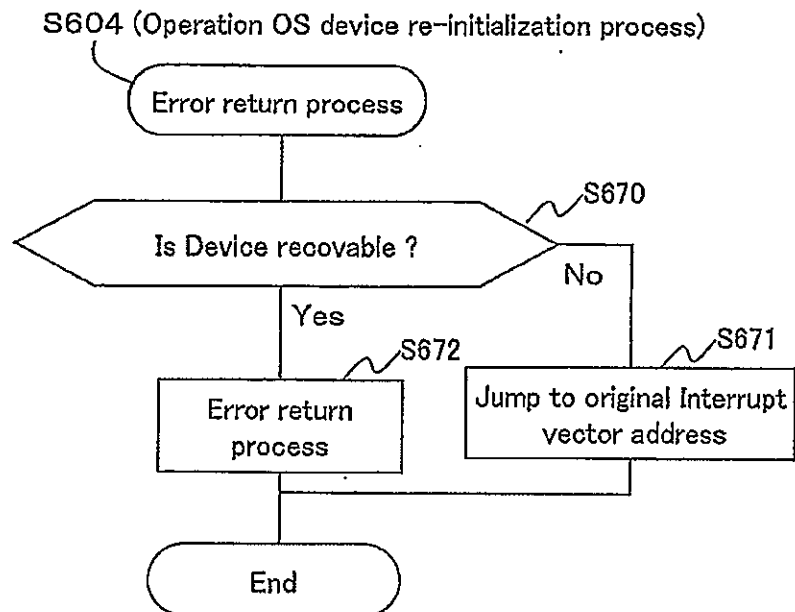


FIG.13

