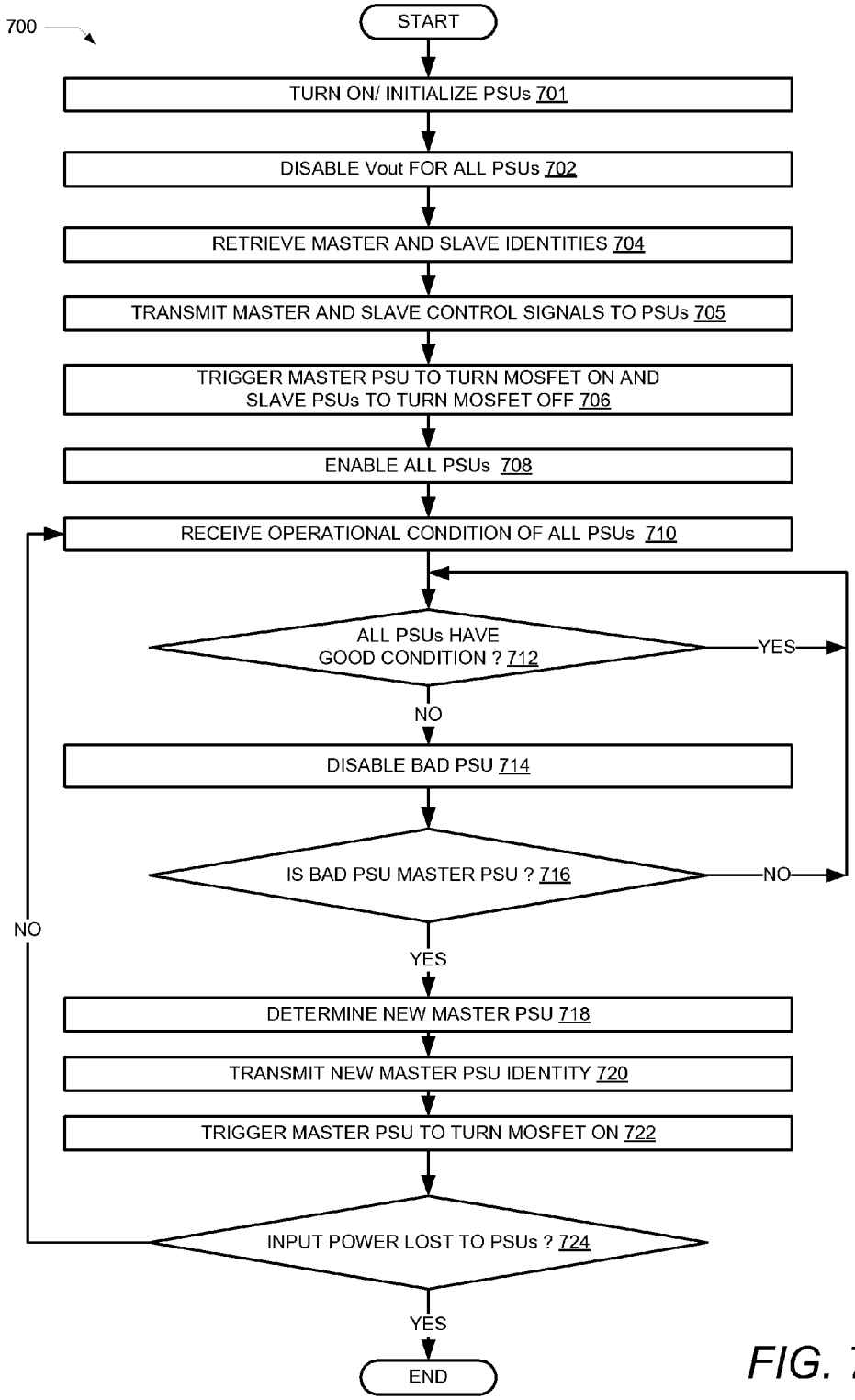
700
START
TURN ON/ INITIALIZE PSUs 701
DISABLE Vout FOR ALL PSUs 702
RETRIEVE MASTER AND SLAVE IDENTITIES 704
TRANSMIT MASTER AND SLAVE CONTROL SIGNALS TO PSUs 705
TRIGGER MASTER PSU TO TURN MOSFET ON AND SLAVE PSUs TO TURN MOSFET OFF 706
ENABLE ALL PSUs 708
RECEIVE OPERATIONAL CONDITION OF ALL PSUs 710
ALL PSUs HAVE GOOD CONDITION ? 712
YES
NO
DISABLE BAD PSU 714
IS BAD PSU MASTER PSU ? 716
NO
YES
DETERMINE NEW MASTER PSU 718
TRANSMIT NEW MASTER PSU IDENTITY 720
TRIGGER MASTER PSU TO TURN MOSFET ON 722
INPUT POWER LOST TO PSUs ? 724
NO
YES
END

FIG. 7