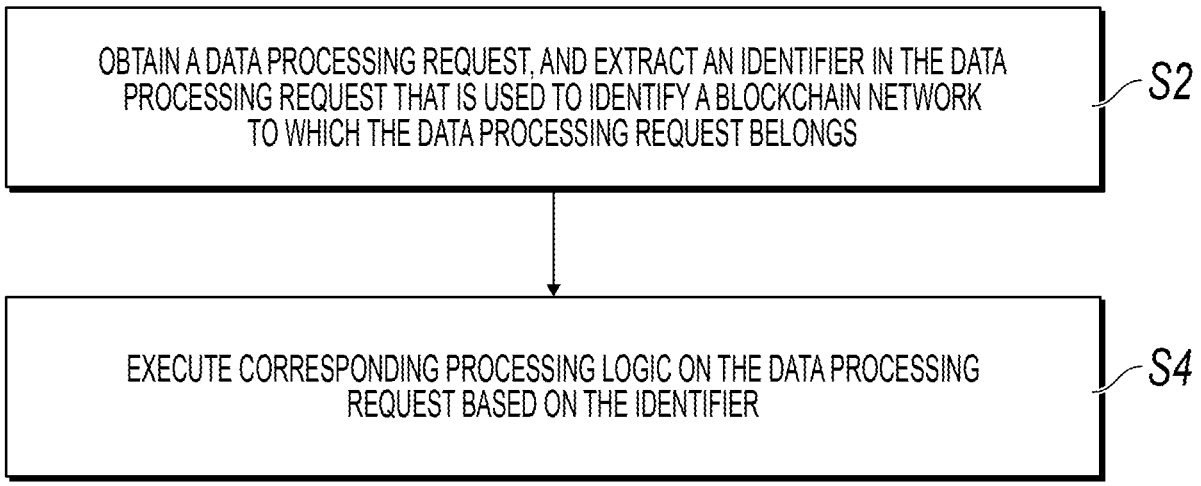
OBTAIN A DATA PROCESSING REQUEST, AND EXTRACT AN IDENTIFIER IN THE DATA PROCESSING REQUEST THAT IS USED TO IDENTIFY A BLOCKCHAIN NETWORK TO WHICH THE DATA PROCESSING REQUEST BELONGS
S2
EXECUTE CORRESPONDING PROCESSING LOGIC ON THE DATA PROCESSING REQUEST BASED ON THE IDENTIFIER
S4

FIG. 1

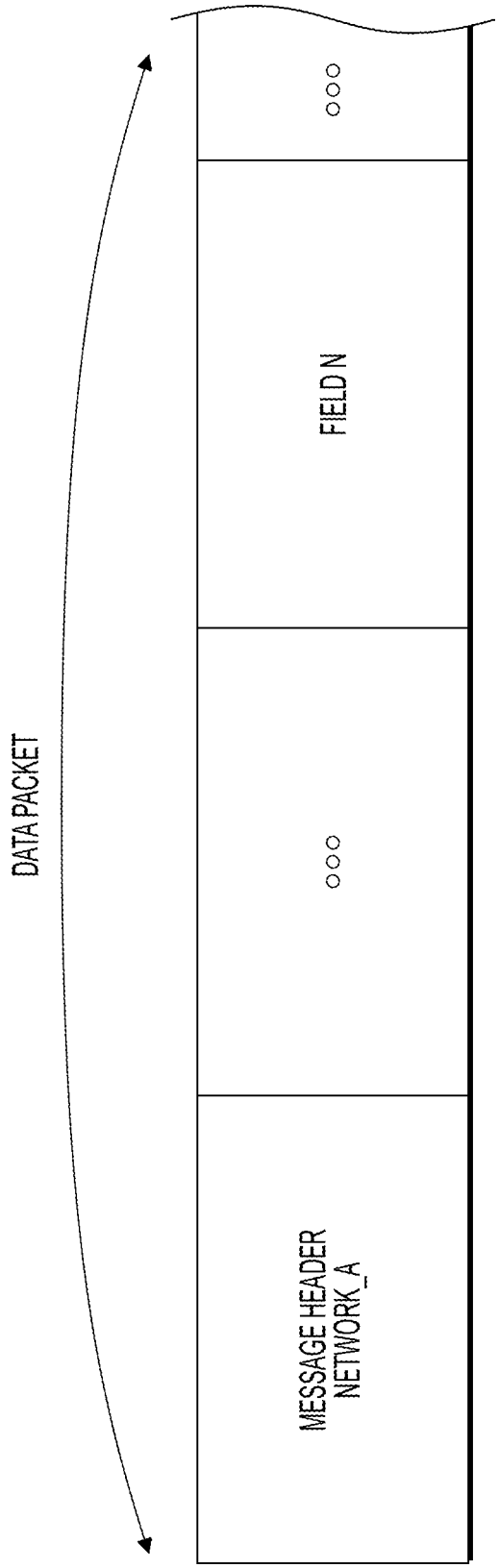
DATA PACKET
MESSAGE HEADER
NETWORK_A
FIELD N
THE MESSAGE HEADER CARRIES AN IDENTIFIER NETWORK_A, INDICATING THAT THE MESSAGE COMES FROM A BLOCKCHAIN NETWORK A

FIG. 2

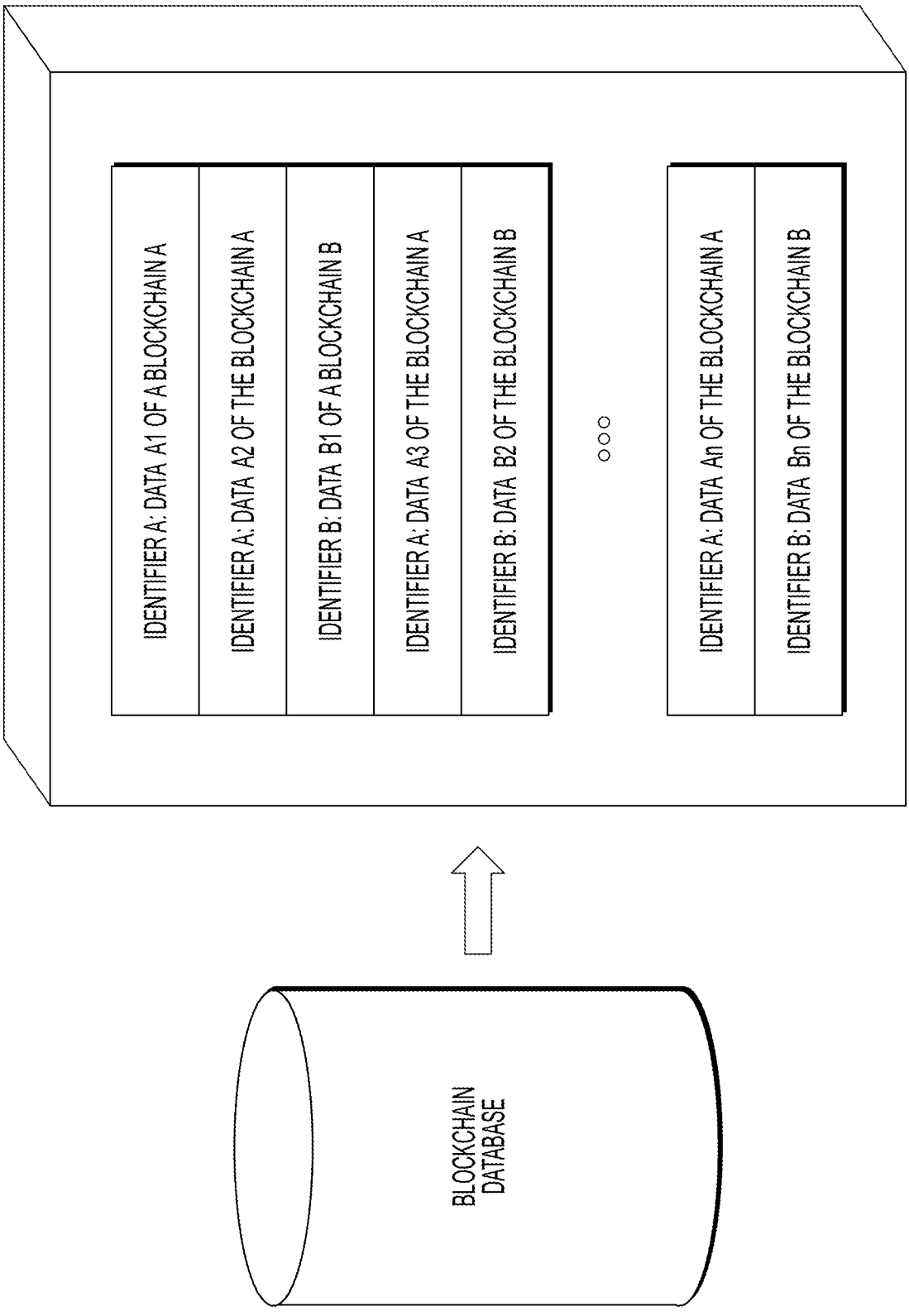
IDENTIFIER A: DATA A1 OF A BLOCKCHAIN A
IDENTIFIER A: DATA A2 OF THE BLOCKCHAIN A
IDENTIFIER B: DATA B1 OF A BLOCKCHAIN B
IDENTIFIER A: DATA A3 OF THE BLOCKCHAIN A
IDENTIFIER B: DATA B2 OF THE BLOCKCHAIN B
ooo
IDENTIFIER A: DATA An OF THE BLOCKCHAIN A
IDENTIFIER B: DATA Bn OF THE BLOCKCHAIN B
BLOCKCHAIN DATABASE

FIG. 3

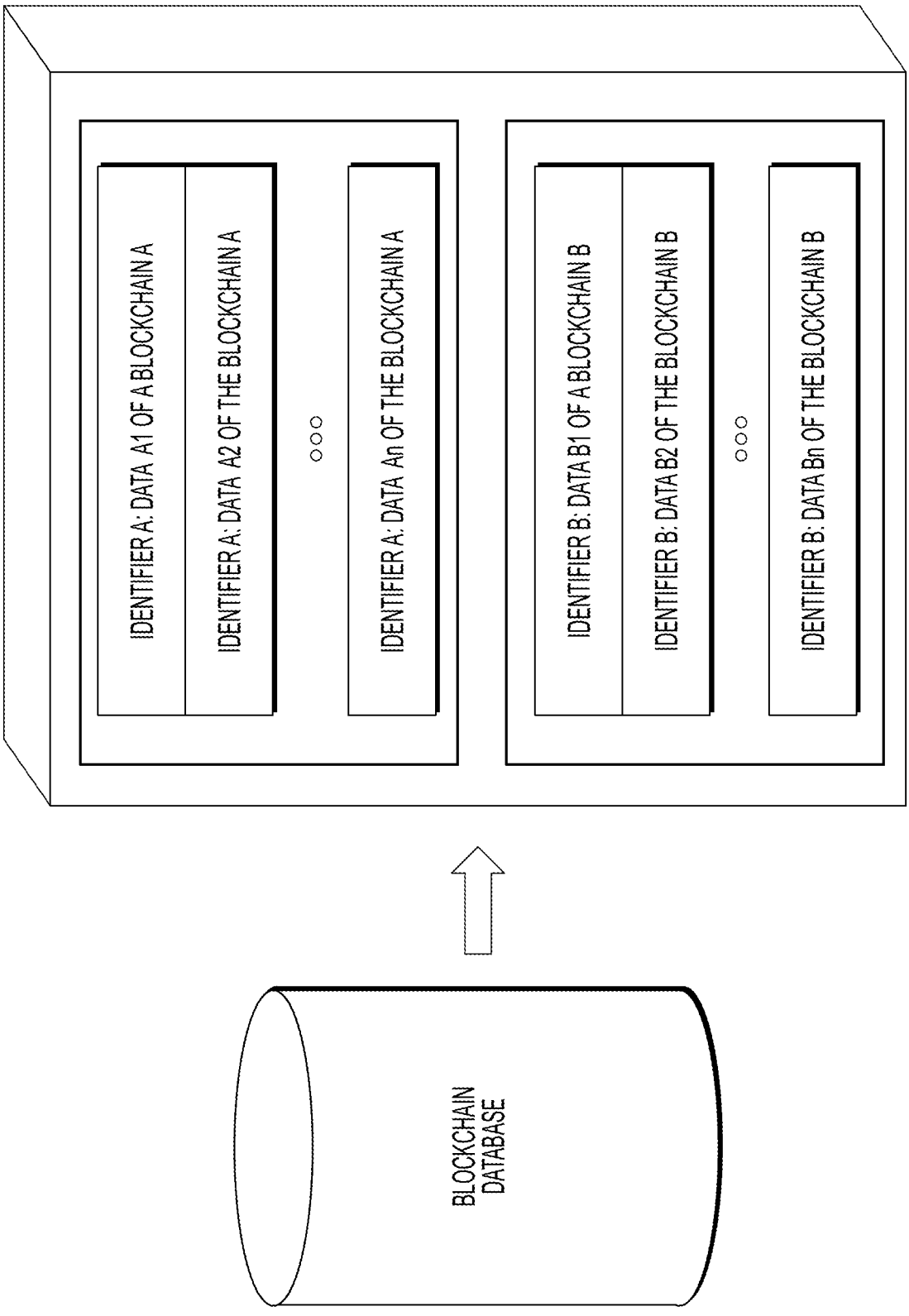
IDENTIFIER A: DATA A1 OF A BLOCKCHAIN A
IDENTIFIER A: DATA A2 OF THE BLOCKCHAIN A
IDENTIFIER A: DATA An OF THE BLOCKCHAIN A
IDENTIFIER B: DATA B1 OF A BLOCKCHAIN B
IDENTIFIER B: DATA B2 OF THE BLOCKCHAIN B
IDENTIFIER B: DATA Bn OF THE BLOCKCHAIN B
BLOCKCHAIN DATABASE

FIG. 4

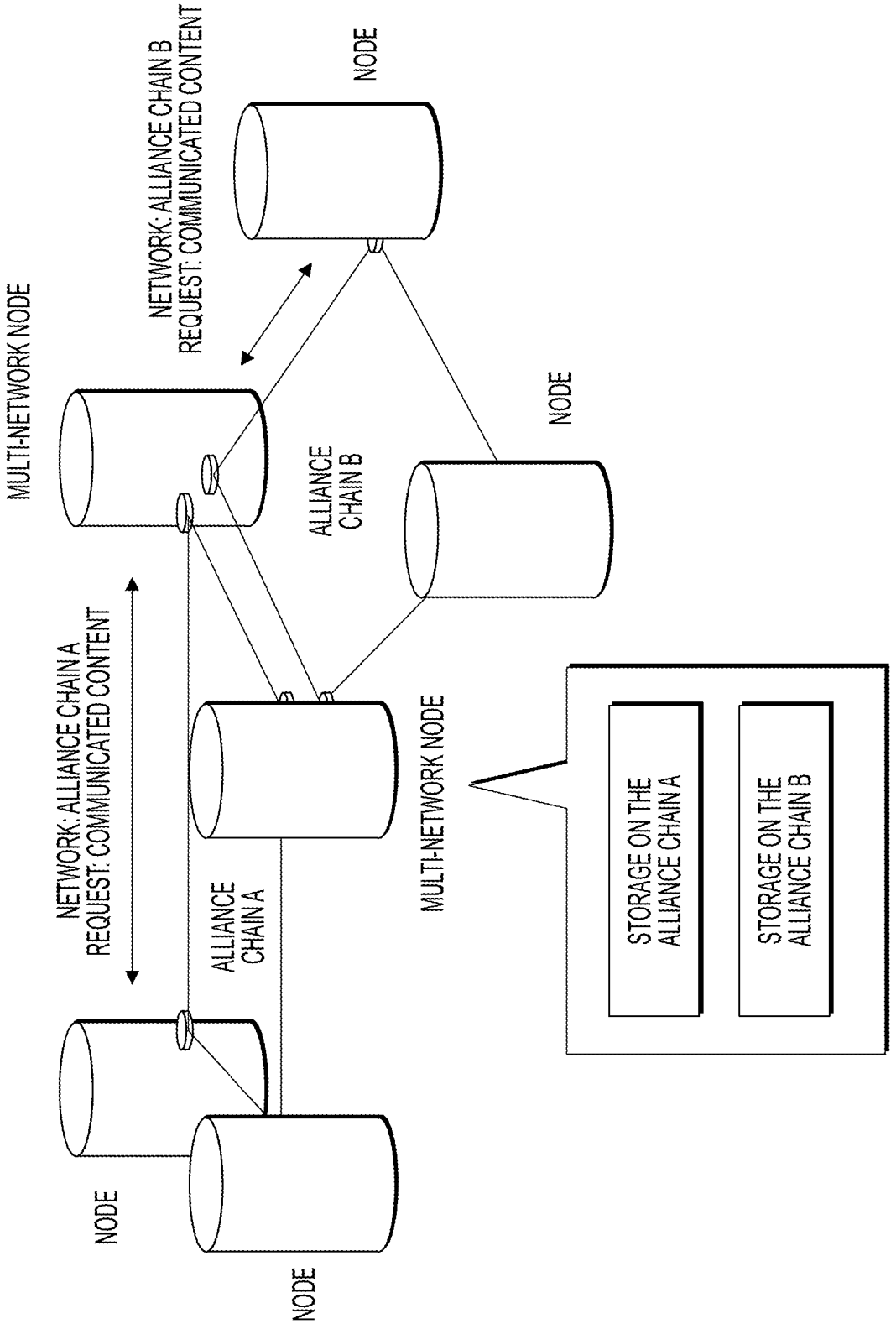
MULTI-NETWORK NODE
NETWORK: ALLIANCE CHAIN B
REQUEST: COMMUNICATED CONTENT
NODE
ALLIANCE
CHAIN B
NODE
NETWORK: ALLIANCE CHAIN A
REQUEST: COMMUNICATED CONTENT
ALLIANCE
CHAIN A
MULTI-NETWORK NODE
STORAGE ON THE
ALLIANCE CHAIN A
STORAGE ON THE
ALLIANCE CHAIN B
NODE
NODE

FIG. 5

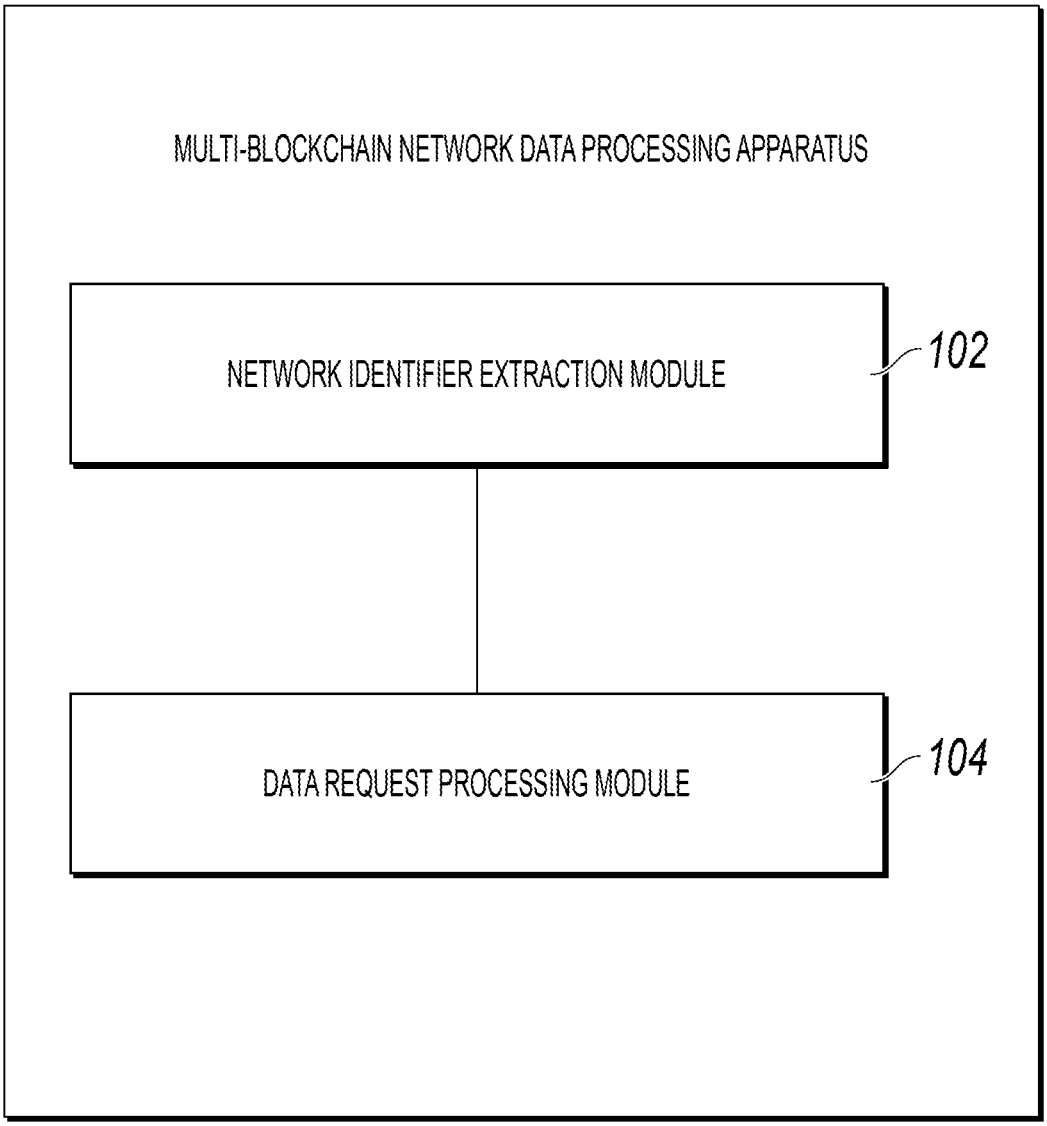
MULTI-BLOCKCHAIN NETWORK DATA PROCESSING APPARATUS
NETWORK IDENTIFIER EXTRACTION MODULE
102
DATA REQUEST PROCESSING MODULE
104

FIG. 6

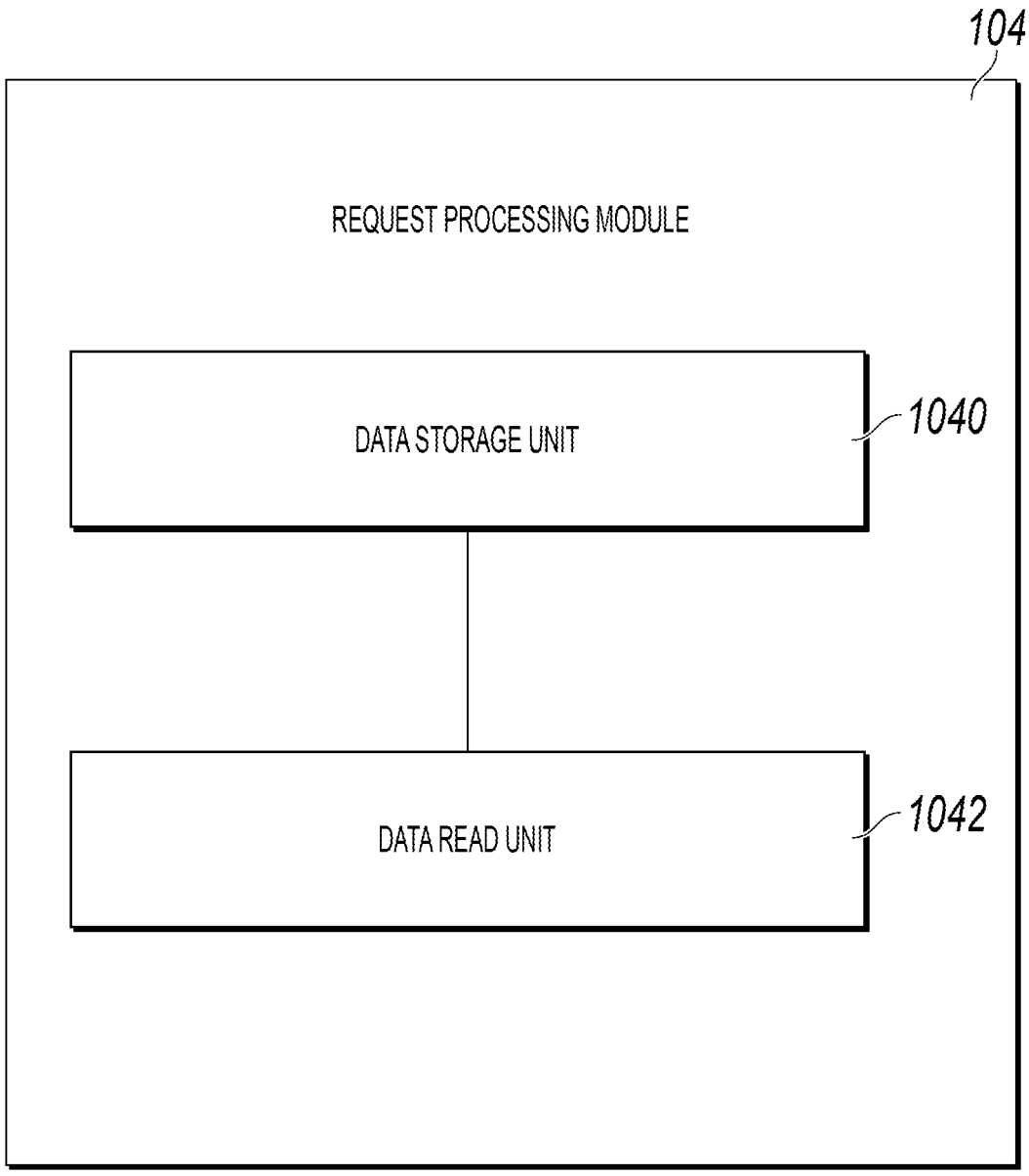
104
REQUEST PROCESSING MODULE
DATA STORAGE UNIT
1040
DATA READ UNIT
1042

FIG. 7

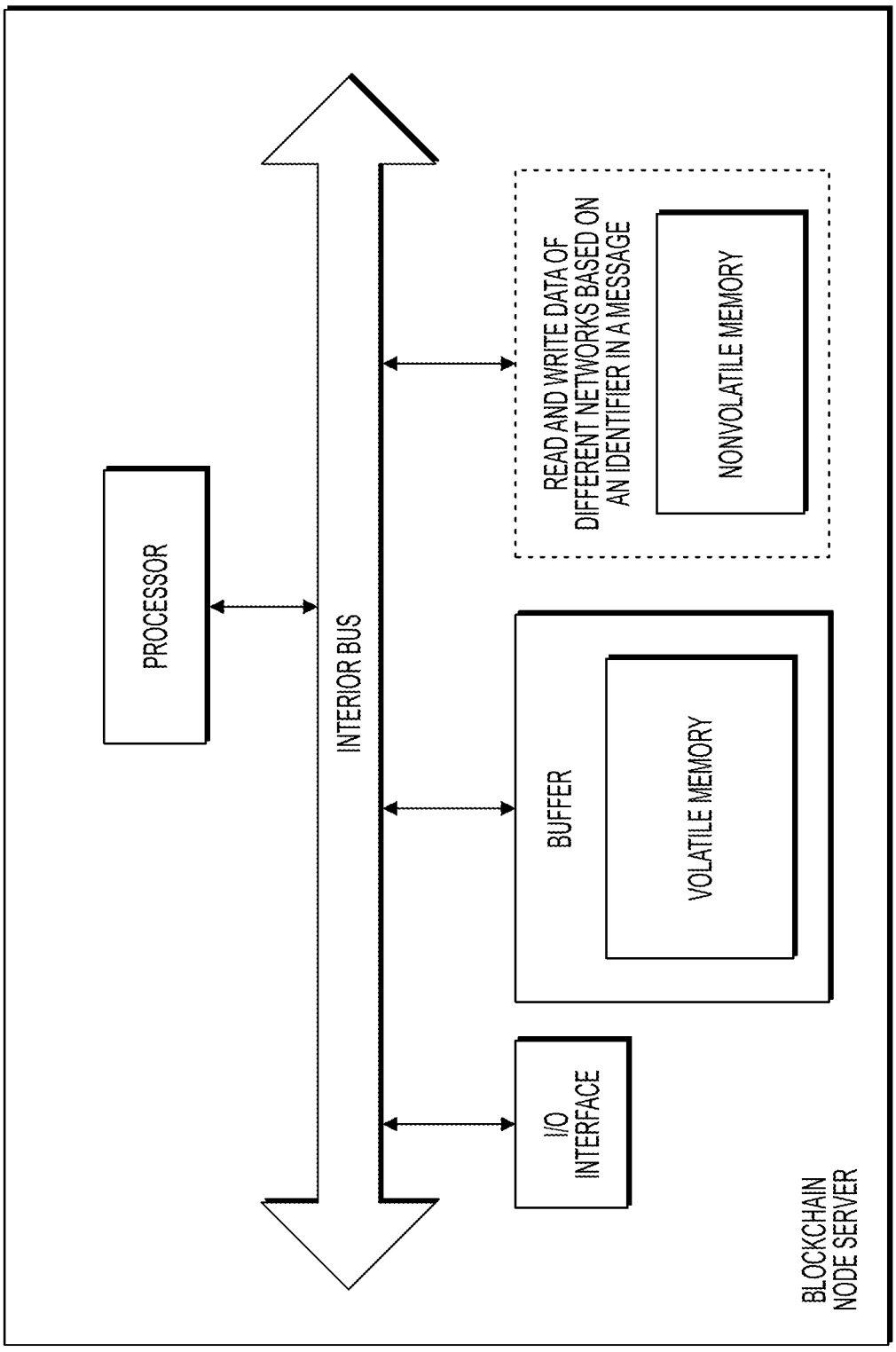
BLOCKCHAIN NODE SERVER
PROCESSOR
INTERIOR BUS
I/O INTERFACE
BUFFER
VOLATILE MEMORY
READ AND WRITE DATA OF DIFFERENT NETWORKS BASED ON AN IDENTIFIER IN A MESSAGE
NONVOLATILE MEMORY

FIG. 8

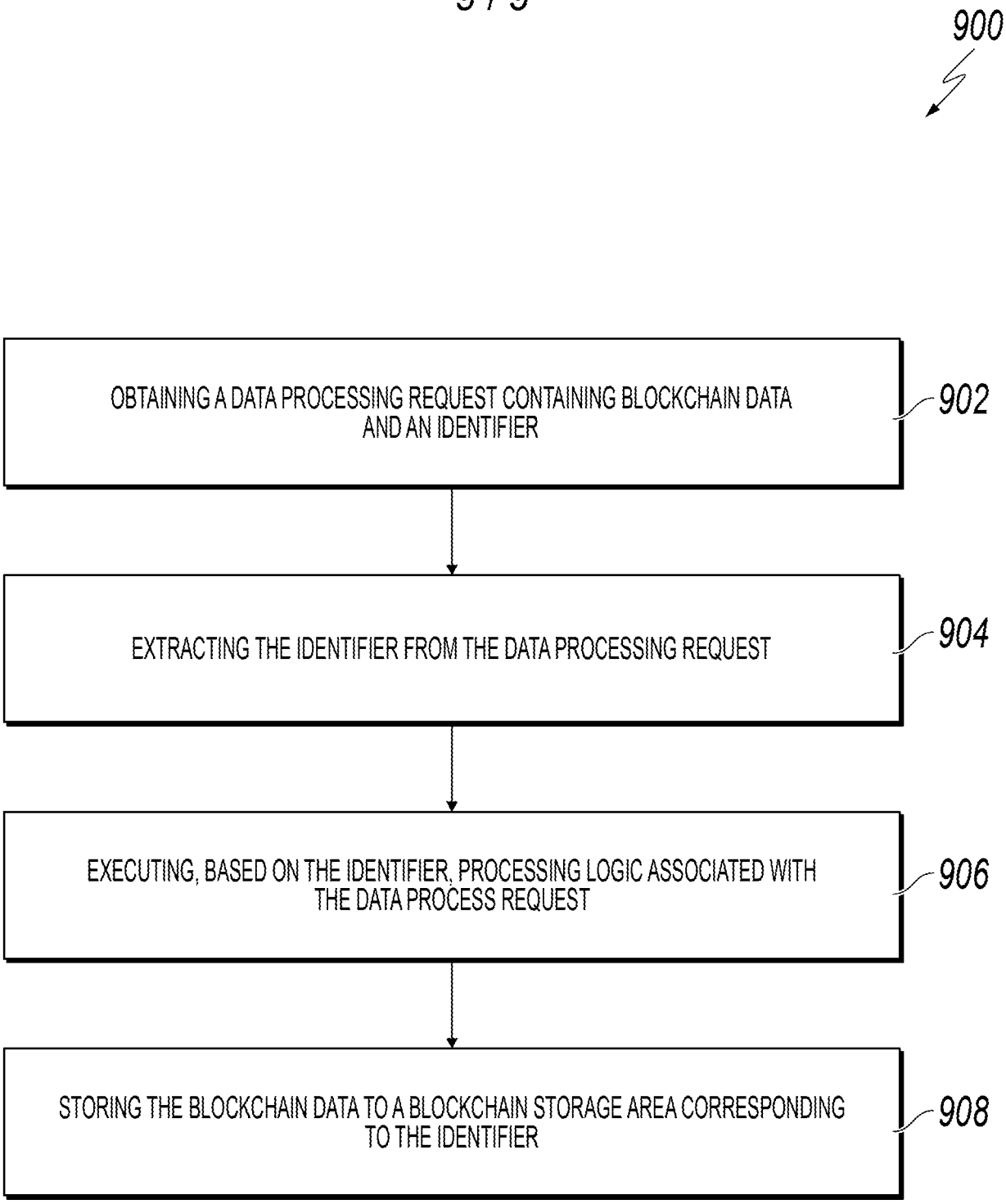
900
OBTAINING A DATA PROCESSING REQUEST CONTAINING BLOCKCHAIN DATA AND AN IDENTIFIER
902
EXTRACTING THE IDENTIFIER FROM THE DATA PROCESSING REQUEST
904
EXECUTING, BASED ON THE IDENTIFIER, PROCESSING LOGIC ASSOCIATED WITH THE DATA PROCESS REQUEST
906
STORING THE BLOCKCHAIN DATA TO A BLOCKCHAIN STORAGE AREA CORRESPONDING TO THE IDENTIFIER
908

FIG. 9