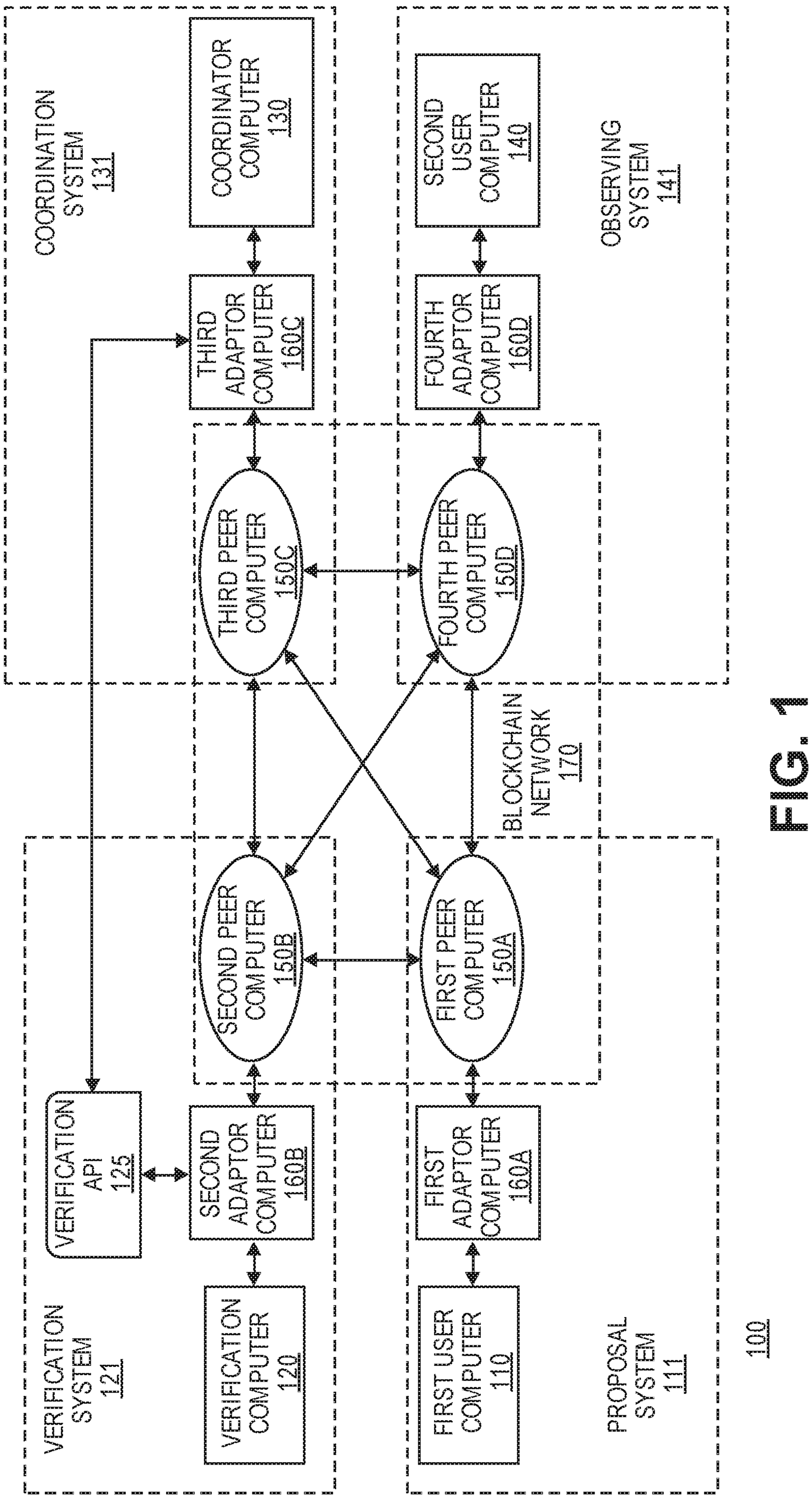

VERIFICATION SYSTEM 121
VERIFICATION COMPUTER 120
VERIFICATION API 125
SECOND ADAPTOR COMPUTER 160B
SECOND PEER COMPUTER 150B
THIRD PEER COMPUTER 150C
THIRD ADAPTOR COMPUTER 160C
COORDINATOR COMPUTER 130
COORDINATION SYSTEM 131
PROPOSAL SYSTEM 111
FIRST USER COMPUTER 110
FIRST ADAPTOR COMPUTER 160A
FIRST PEER COMPUTER 150A
FOURTH PEER COMPUTER 150D
FOURTH ADAPTOR COMPUTER 160D
SECOND USER COMPUTER 140
OBSERVING SYSTEM 141
BLOCKCHAIN NETWORK 170
100

FIG. 1

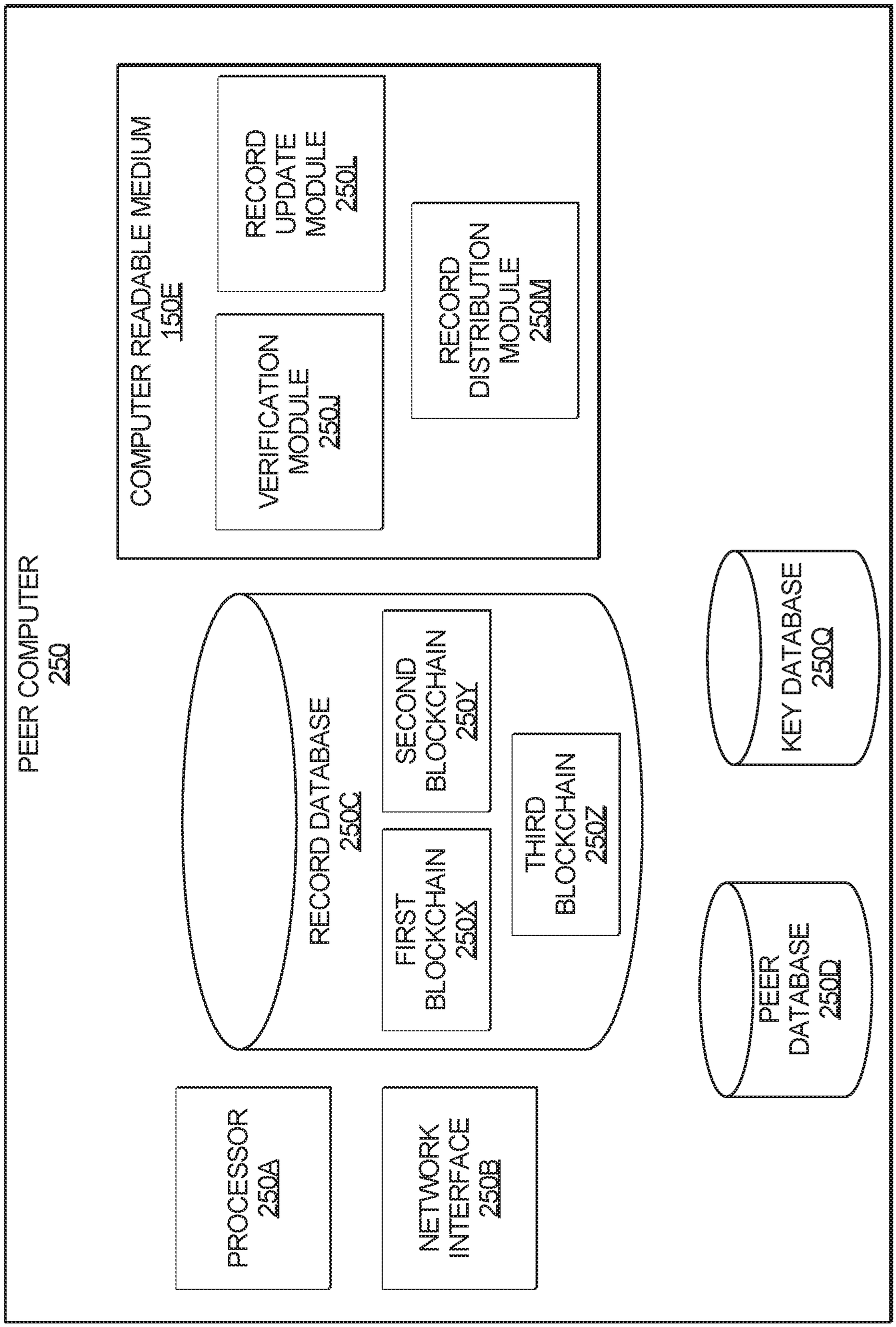

PEER COMPUTER
250
PROCESSOR
250A
NETWORK INTERFACE
250B
RECORD DATABASE
250C
FIRST BLOCKCHAIN
250X
SECOND BLOCKCHAIN
250Y
THIRD BLOCKCHAIN
250Z
PEER DATABASE
250D
KEY DATABASE
250Q
COMPUTER READABLE MEDIUM
150E
VERIFICATION MODULE
250J
RECORD UPDATE MODULE
250L
RECORD DISTRIBUTION MODULE
250M

FIG. 2

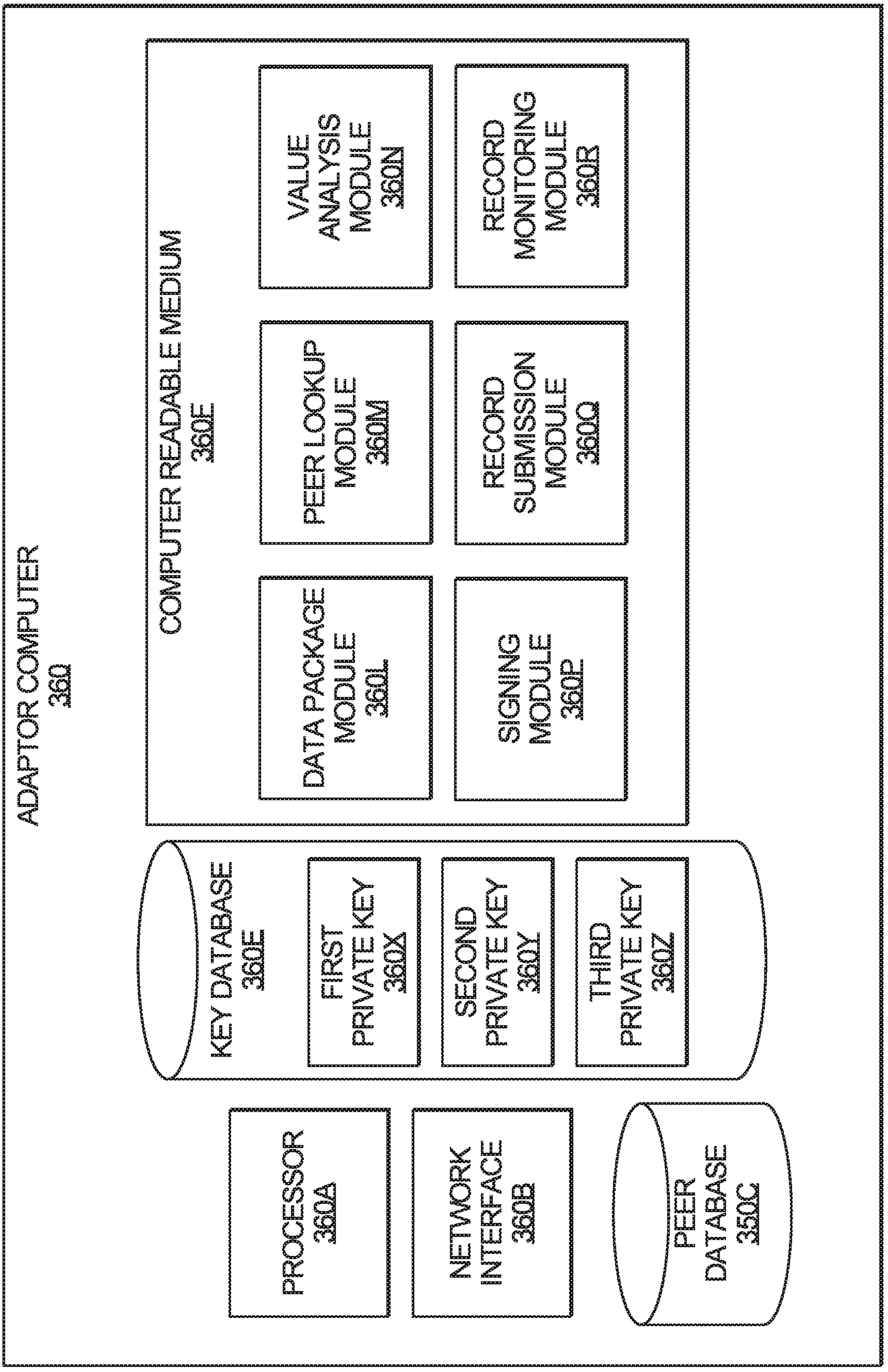

ADAPTOR COMPUTER
360
PROCESSOR
360A
NETWORK INTERFACE
360B
PEER DATABASE
350C
KEY DATABASE
360E
FIRST PRIVATE KEY
360X
SECOND PRIVATE KEY
360Y
THIRD PRIVATE KEY
360Z
COMPUTER READABLE MEDIUM
360E
DATA PACKAGE MODULE
360L
SIGNING MODULE
360P
PEER LOOKUP MODULE
360M
RECORD SUBMISSION MODULE
360Q
VALUE ANALYSIS MODULE
360N
RECORD MONITORING MODULE
360R

FIG. 3

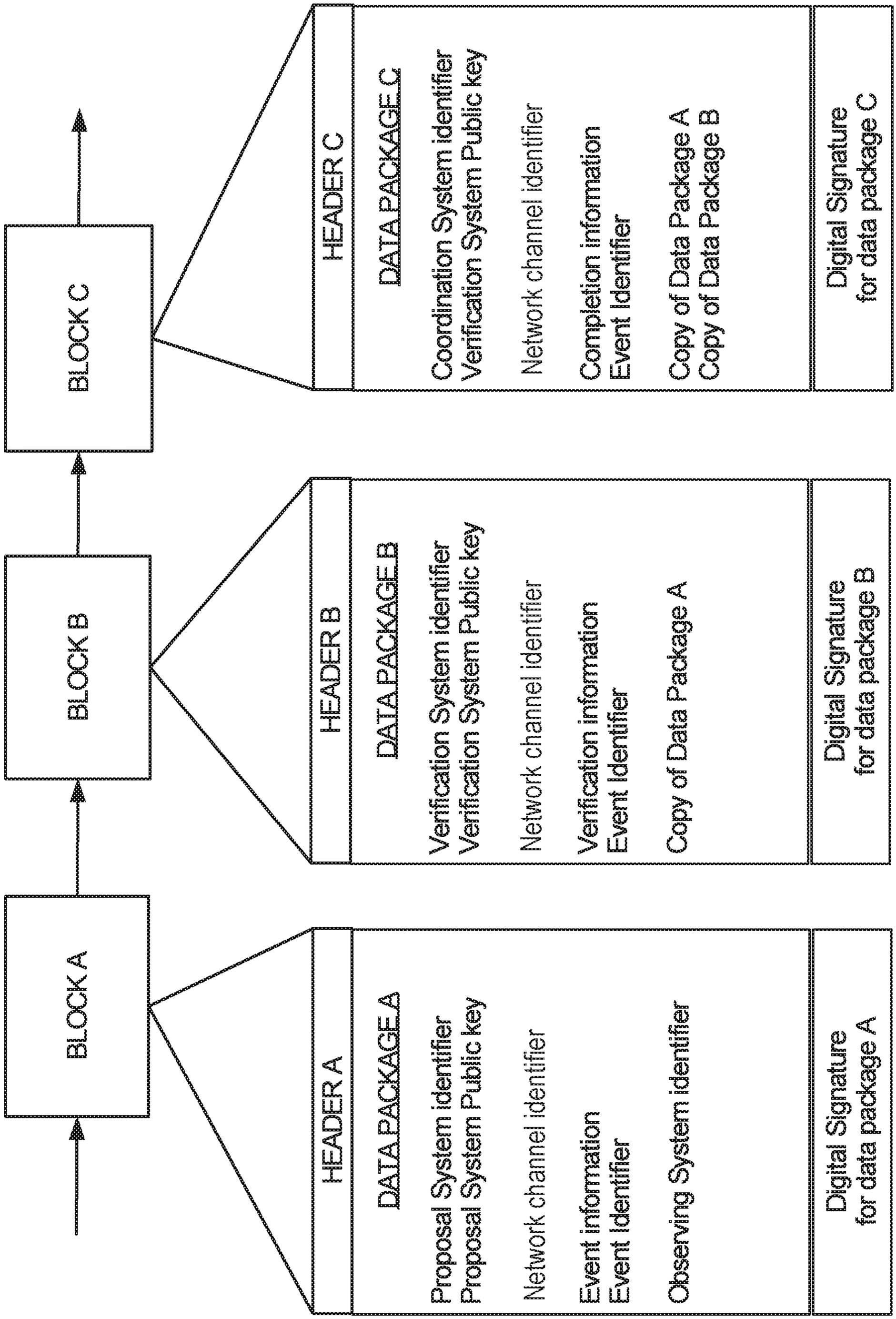

BLOCK A
BLOCK B
BLOCK C
HEADER A
DATA PACKAGE A
Proposal System identifier
Proposal System Public key
Network channel identifier
Event information
Event identifier
Observing System identifier
Digital Signature
for data package A
HEADER B
DATA PACKAGE B
Verification System identifier
Verification System Public key
Network channel identifier
Verification information
Event Identifier
Copy of Data Package A
Digital Signature
for data package B
HEADER C
DATA PACKAGE C
Coordination System identifier
Verification System Public key
Network channel identifier
Completion information
Event Identifier
Copy of Data Package A
Copy of Data Package B
Digital Signature
for data package C

FIG. 4

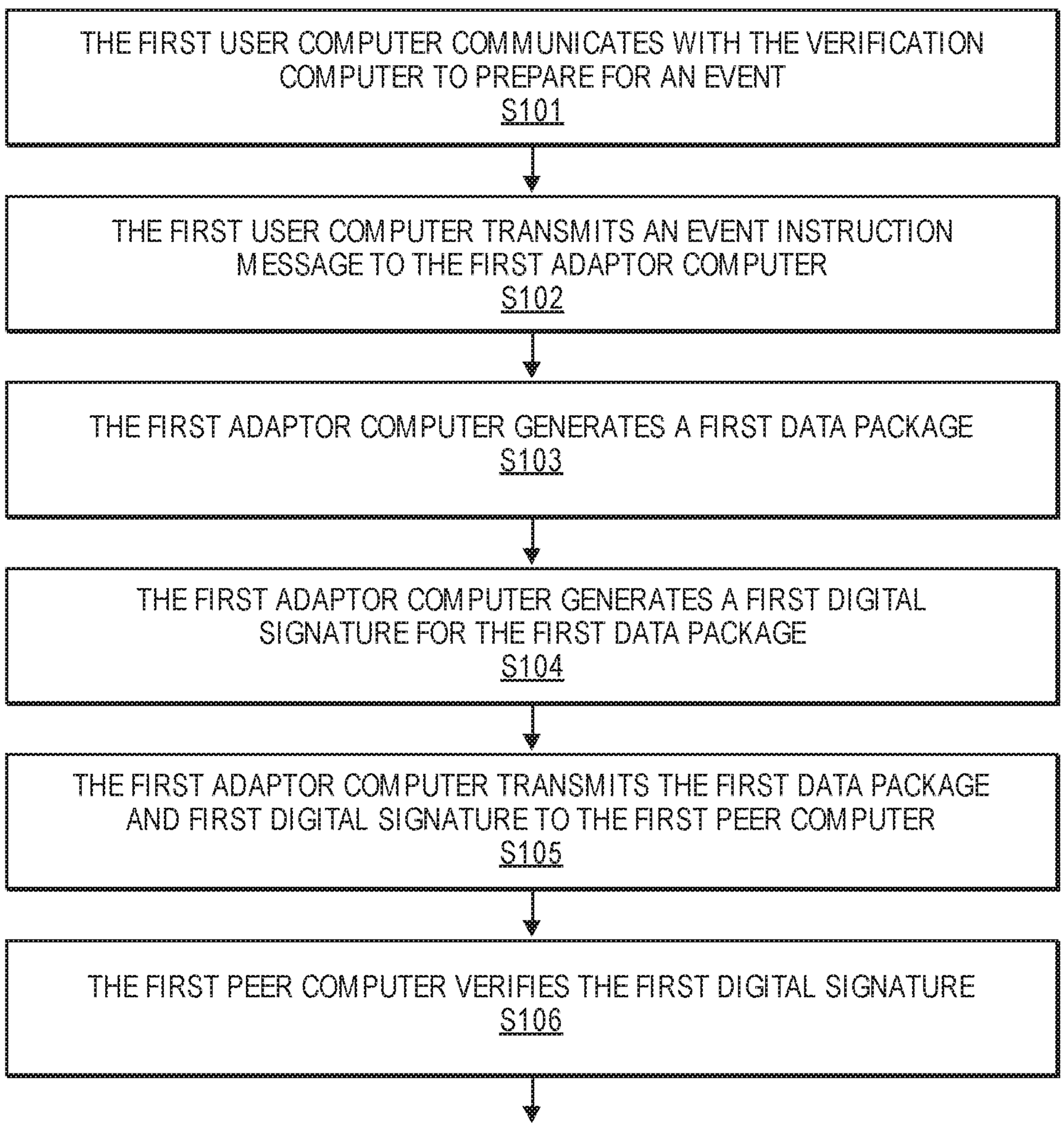
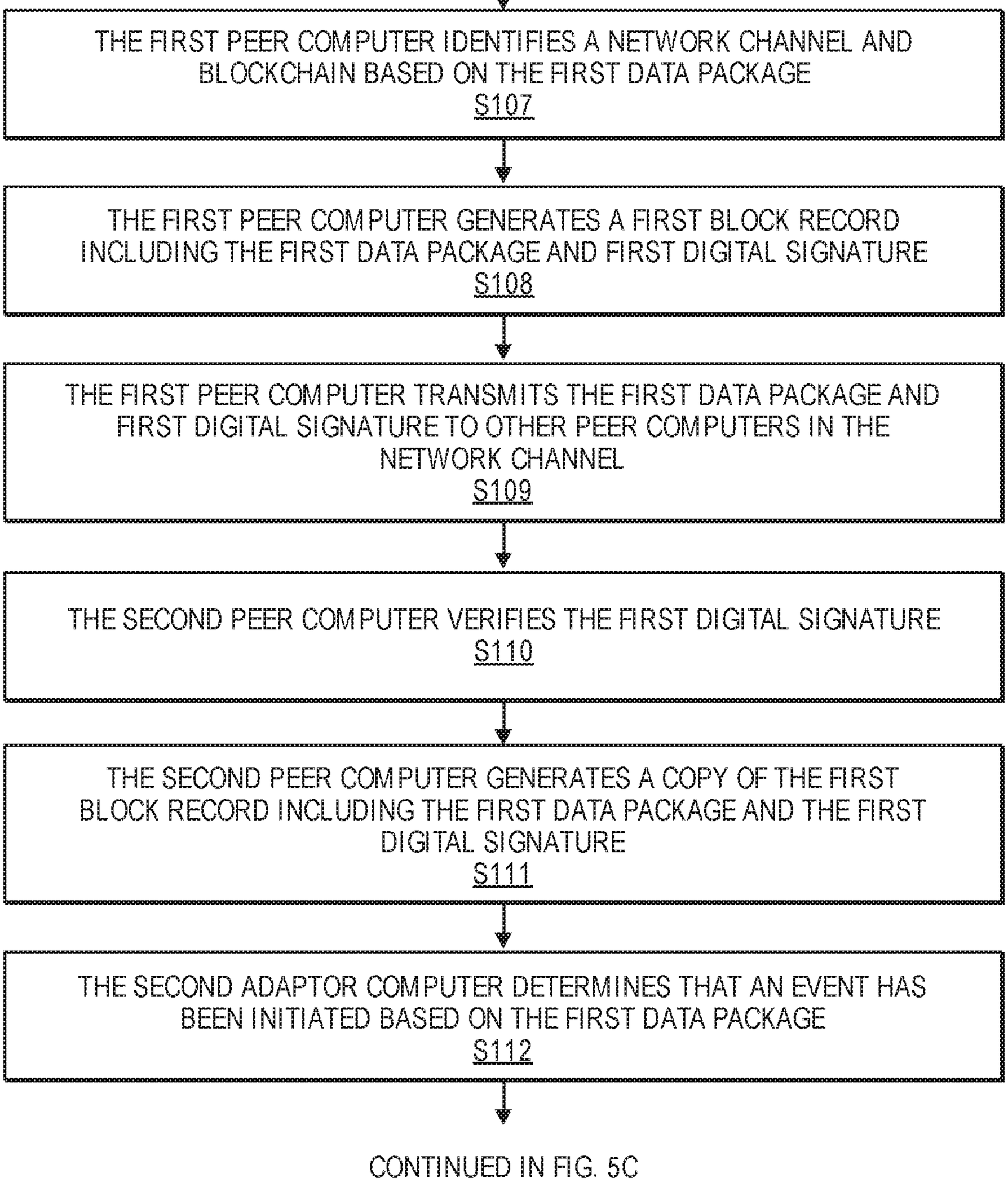

500
THE FIRST USER COMPUTER COMMUNICATES WITH THE VERIFICATION COMPUTER TO PREPARE FOR AN EVENT
S101
THE FIRST USER COMPUTER TRANSMITS AN EVENT INSTRUCTION MESSAGE TO THE FIRST ADAPTOR COMPUTER
S102
THE FIRST ADAPTOR COMPUTER GENERATES A FIRST DATA PACKAGE
S103
THE FIRST ADAPTOR COMPUTER GENERATES A FIRST DIGITAL SIGNATURE FOR THE FIRST DATA PACKAGE
S104
THE FIRST ADAPTOR COMPUTER TRANSMITS THE FIRST DATA PACKAGE AND FIRST DIGITAL SIGNATURE TO THE FIRST PEER COMPUTER
S105
THE FIRST PEER COMPUTER VERIFIES THE FIRST DIGITAL SIGNATURE
S106
CONTINUED IN FIG. 5B

FIG. 5A

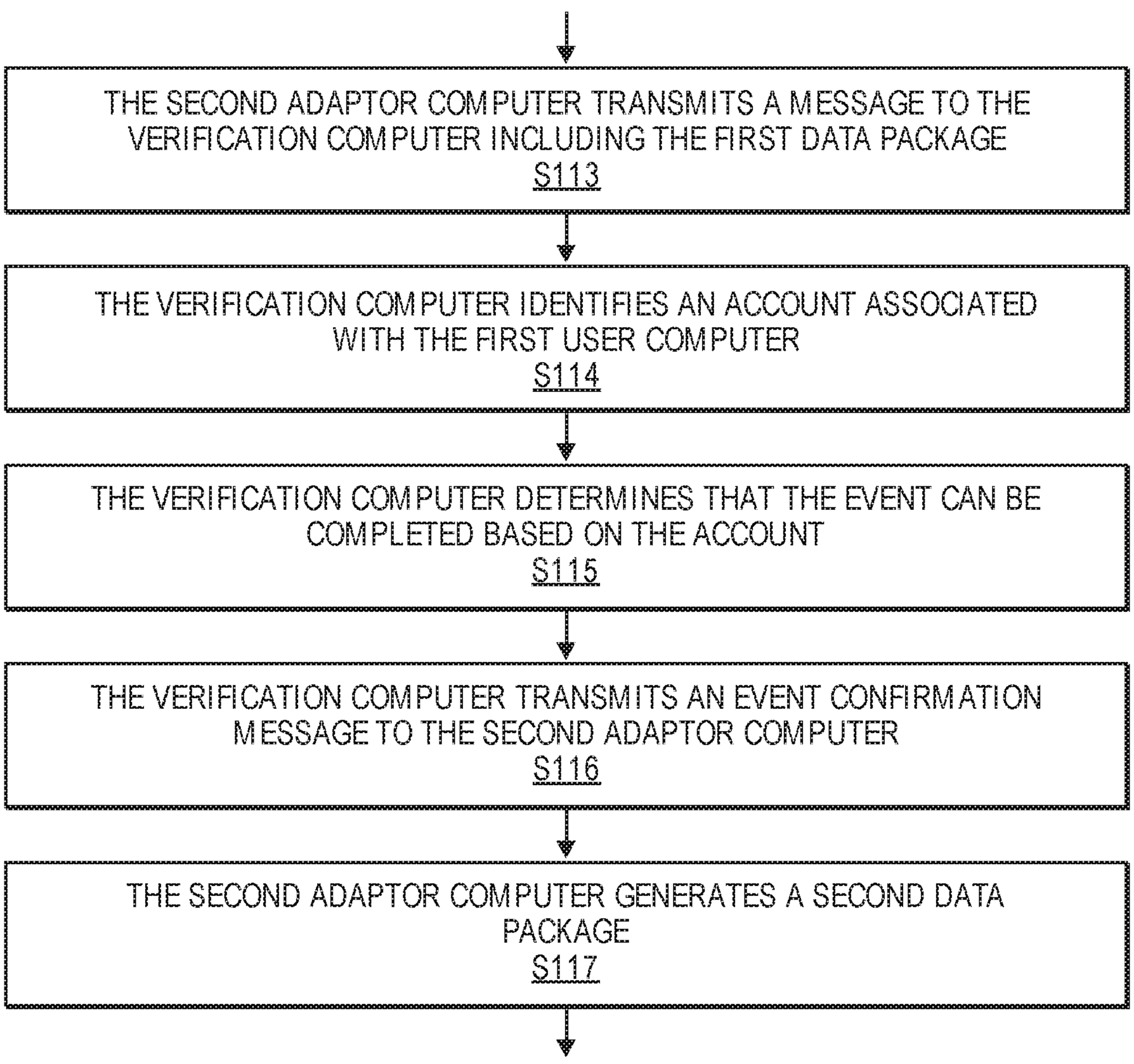
CONTINUED FROM FIG. 5A



CONTINUED IN FIG. 5C

FIG. 5B

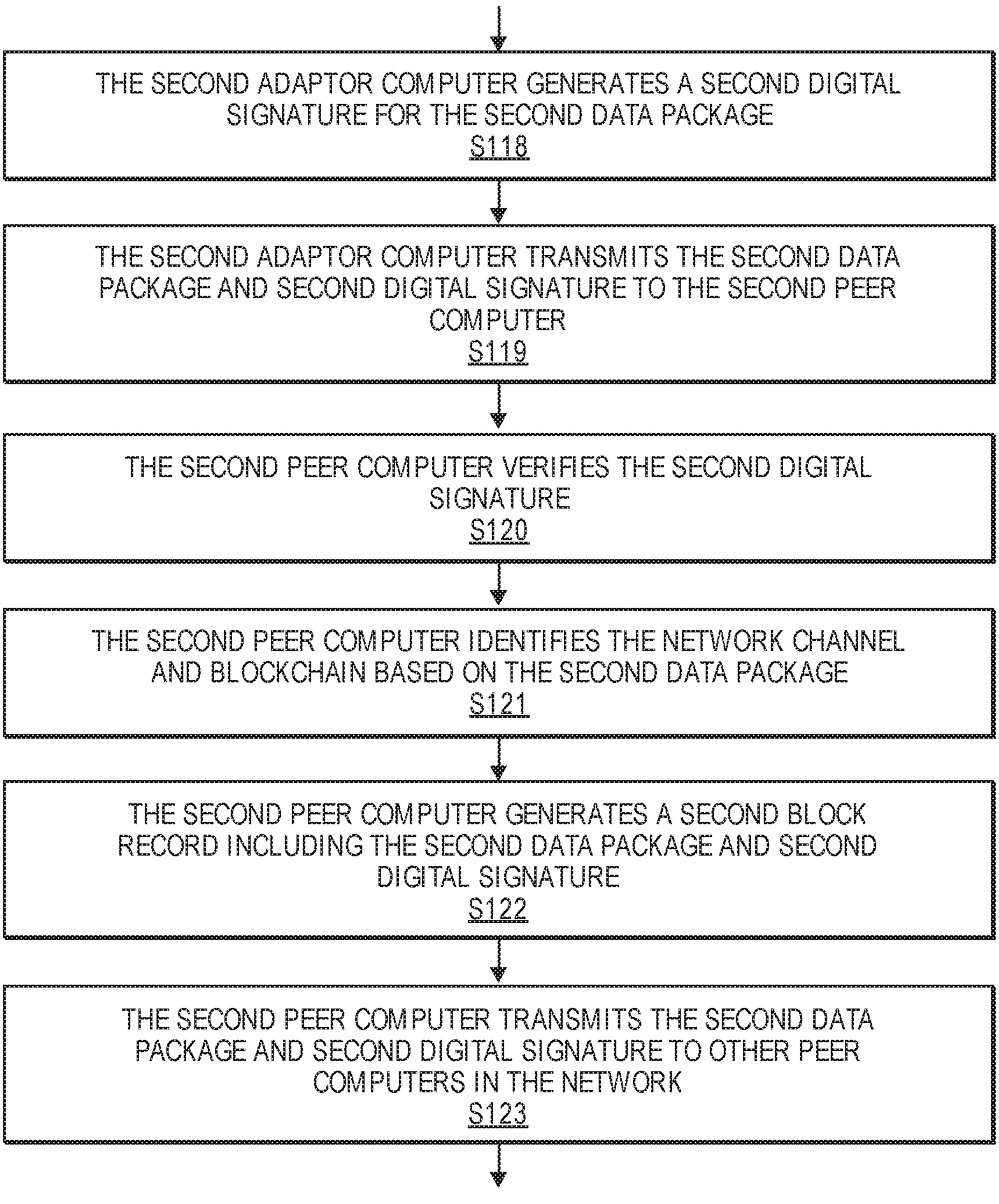
CONTINUED FROM FIG. 5B



CONTINUED IN FIG. 5D

FIG. 5C

CONTINUED FROM FIG. 5C



CONTINUED IN FIG. 5E

FIG. 5D

CONTINUED FROM FIG. 5D

THE THIRD PEER COMPUTER VERIFIES THE SECOND DIGITAL SIGNATURE
S124

THE THIRD PEER COMPUTER GENERATES A COPY OF THE SECOND BLOCK RECORD INCLUDING THE SECOND DATA PACKAGE AND THE SECOND DIGITAL SIGNATURE
S125

THE THIRD ADAPTOR COMPUTER DETERMINES THAT AN EVENT HAS BEEN VERIFIED BASED ON THE SECOND DATA PACKAGE
S126

THE THIRD ADAPTOR COMPUTER TRANSMITS A MESSAGE TO THE COORDINATOR COMPUTER INCLUDING THE SECOND DATA PACKAGE
S127

THE COORDINATOR COMPUTER CAUSES THE EVENT TO BE PERFORMED
S128

THE COORDINATOR COMPUTER TRANSMITS AN EVENT COMPLETION MESSAGE TO THE THIRD ADAPTOR COMPUTER
S129

CONTINUED IN FIG. 5F

FIG. 5E

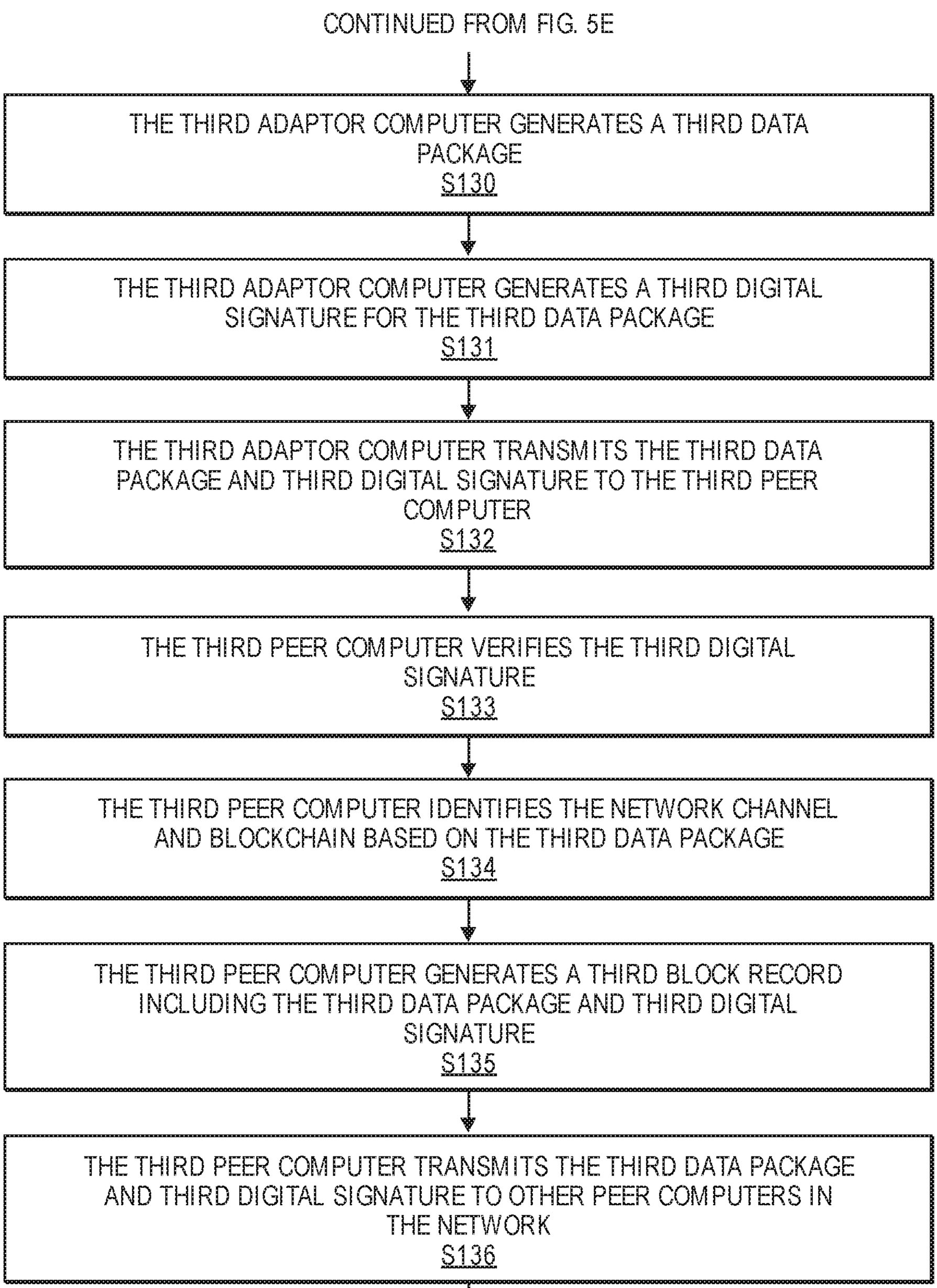

CONTINUED FROM FIG. 5E
THE THIRD ADAPTOR COMPUTER GENERATES A THIRD DATA PACKAGE
S130
THE THIRD ADAPTOR COMPUTER GENERATES A THIRD DIGITAL SIGNATURE FOR THE THIRD DATA PACKAGE
S131
THE THIRD ADAPTOR COMPUTER TRANSMITS THE THIRD DATA PACKAGE AND THIRD DIGITAL SIGNATURE TO THE THIRD PEER COMPUTER
S132
THE THIRD PEER COMPUTER VERIFIES THE THIRD DIGITAL SIGNATURE
S133
THE THIRD PEER COMPUTER IDENTIFIES THE NETWORK CHANNEL AND BLOCKCHAIN BASED ON THE THIRD DATA PACKAGE
S134
THE THIRD PEER COMPUTER GENERATES A THIRD BLOCK RECORD INCLUDING THE THIRD DATA PACKAGE AND THIRD DIGITAL SIGNATURE
S135
THE THIRD PEER COMPUTER TRANSMITS THE THIRD DATA PACKAGE AND THIRD DIGITAL SIGNATURE TO OTHER PEER COMPUTERS IN THE NETWORK
S136
CONTINUED IN FIG. 5G

FIG. 5F

CONTINUED FROM FIG. 5F

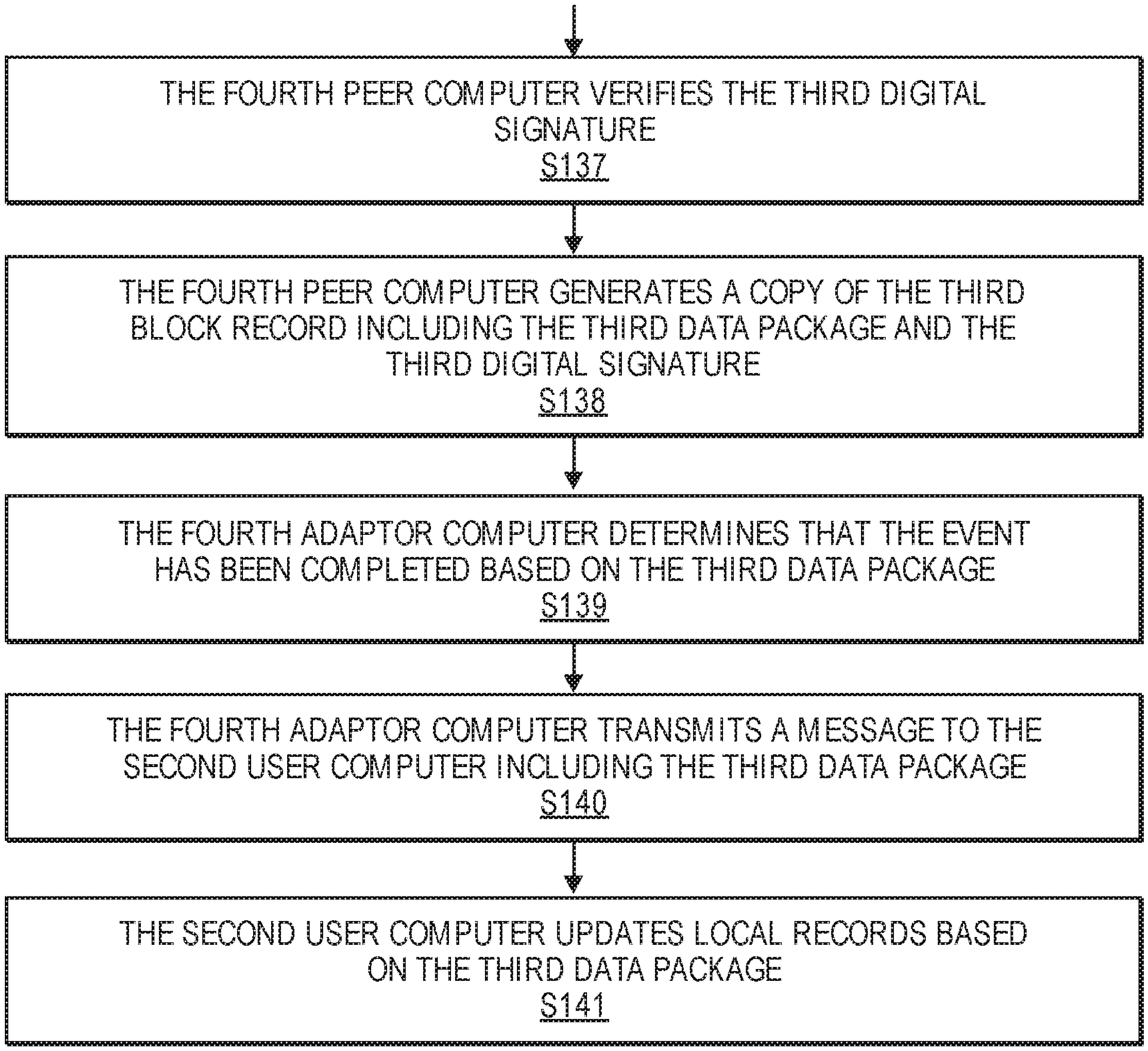


FIG. 5G

600

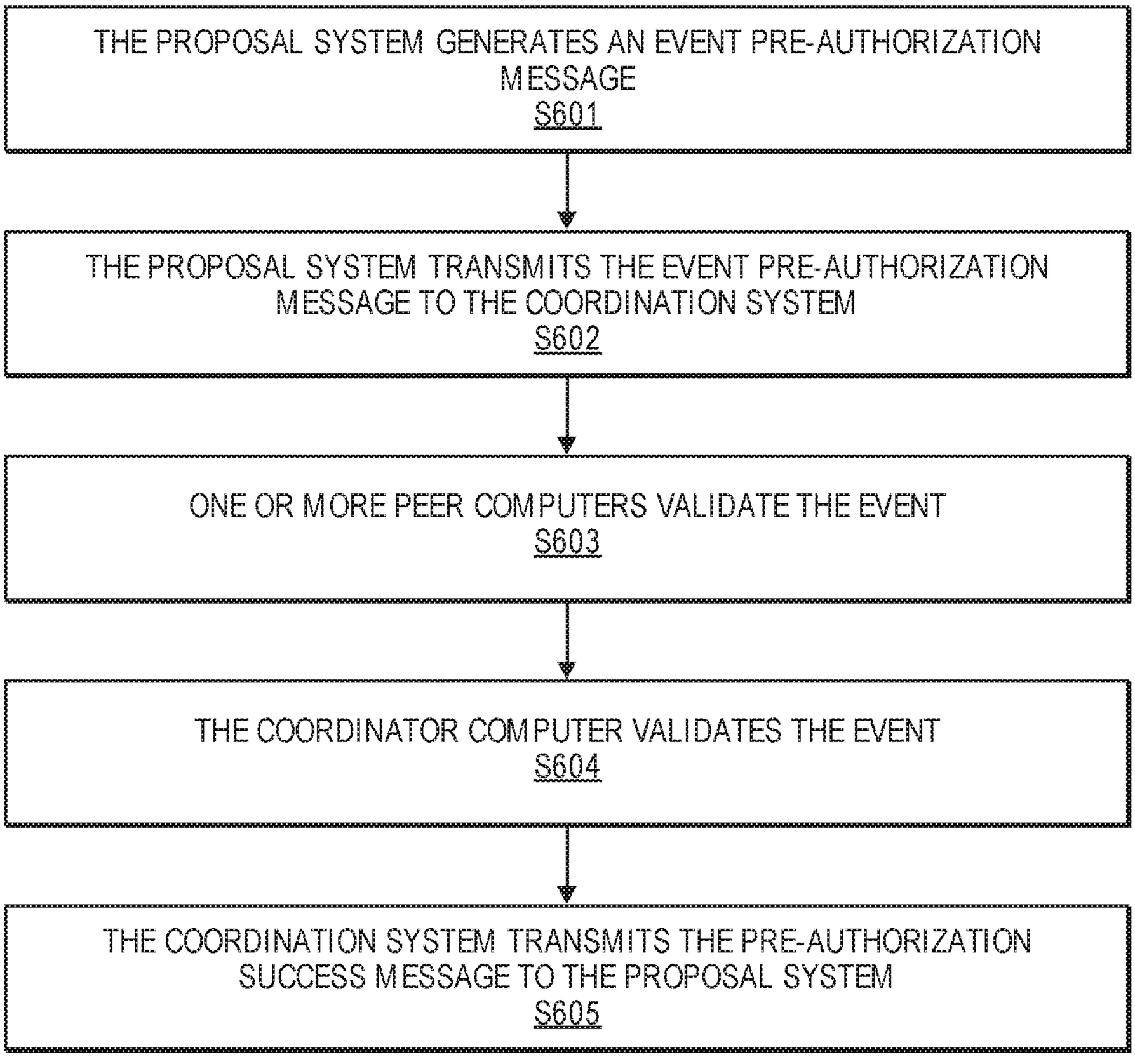

THE PROPOSAL SYSTEM GENERATES AN EVENT PRE-AUTHORIZATION MESSAGE
S601
THE PROPOSAL SYSTEM TRANSMITS THE EVENT PRE-AUTHORIZATION MESSAGE TO THE COORDINATION SYSTEM
S602
ONE OR MORE PEER COMPUTERS VALIDATE THE EVENT
S603
THE COORDINATOR COMPUTER VALIDATES THE EVENT
S604
THE COORDINATION SYSTEM TRANSMITS THE PRE-AUTHORIZATION SUCCESS MESSAGE TO THE PROPOSAL SYSTEM
S605

FIG. 6

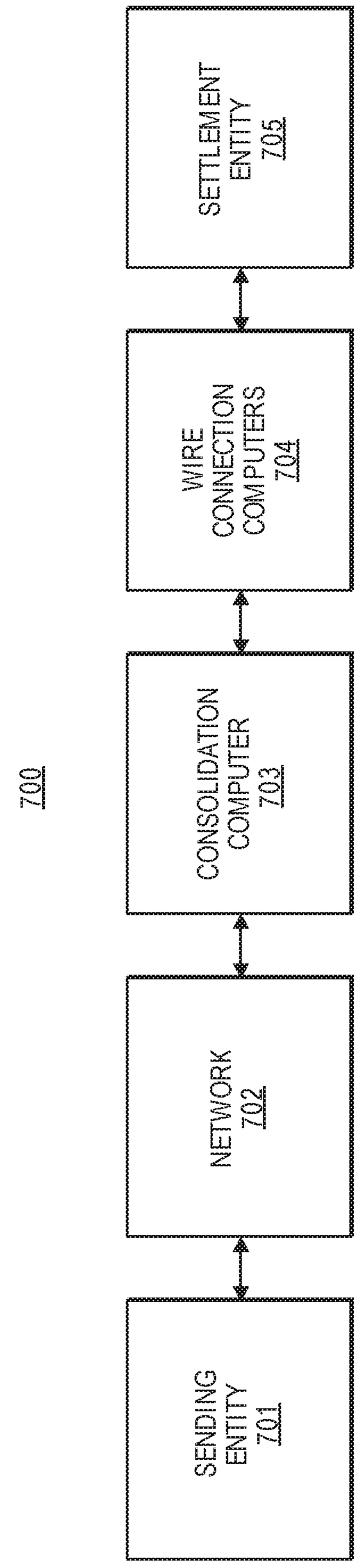

700
SENDING ENTITY 701
NETWORK 702
CONSOLIDATION COMPUTER 703
WIRE CONNECTION COMPUTERS 704
SETTLEMENT ENTITY 705

FIG. 7