

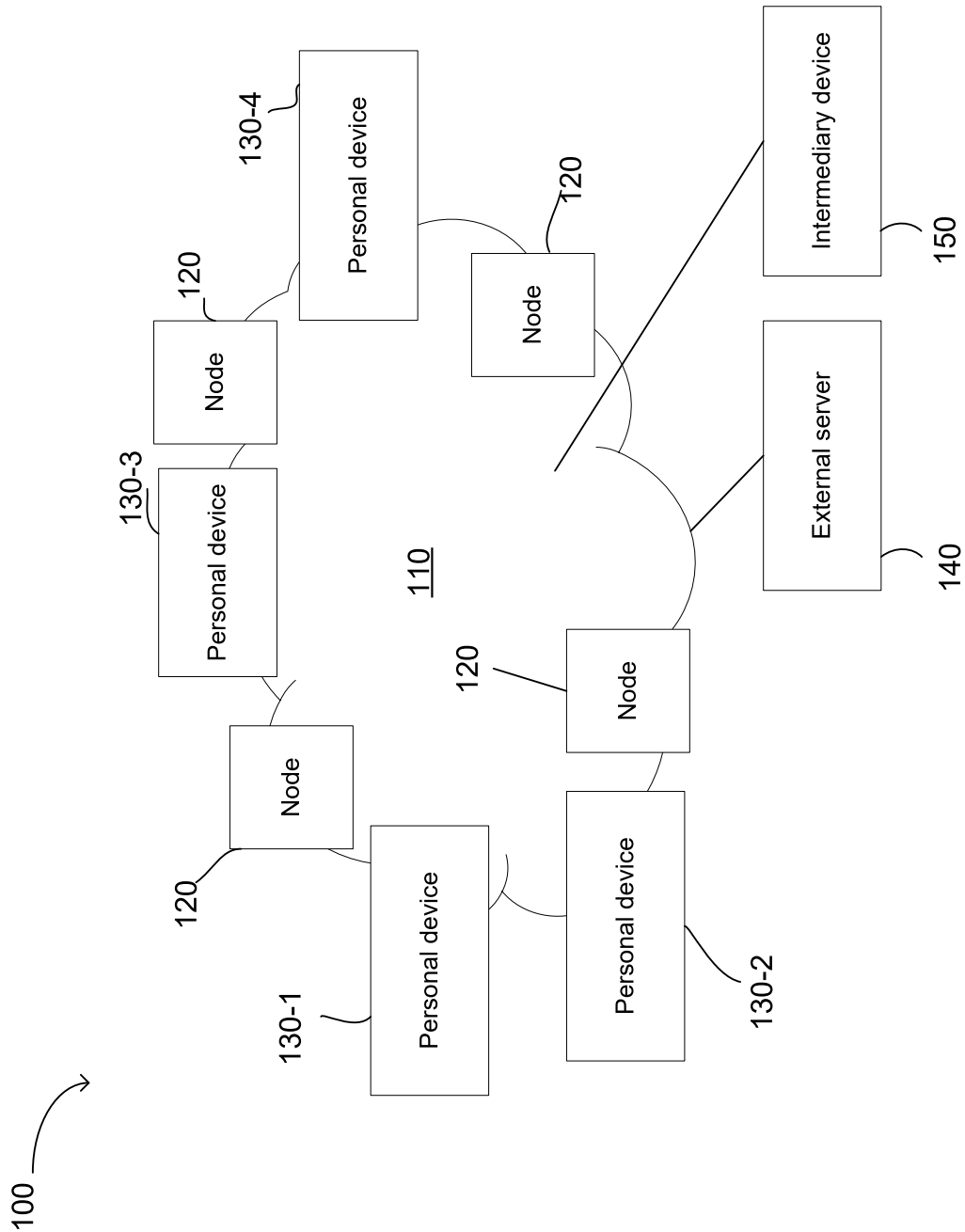


FIG 1

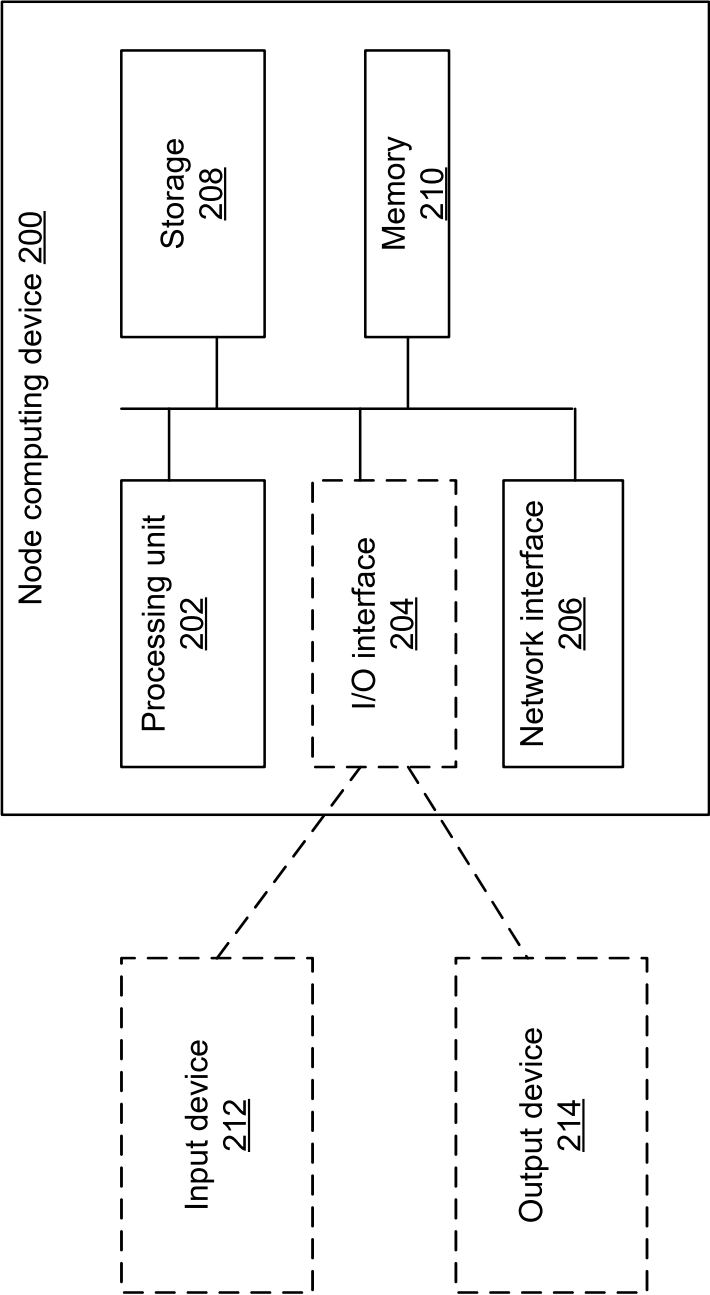


FIG 2

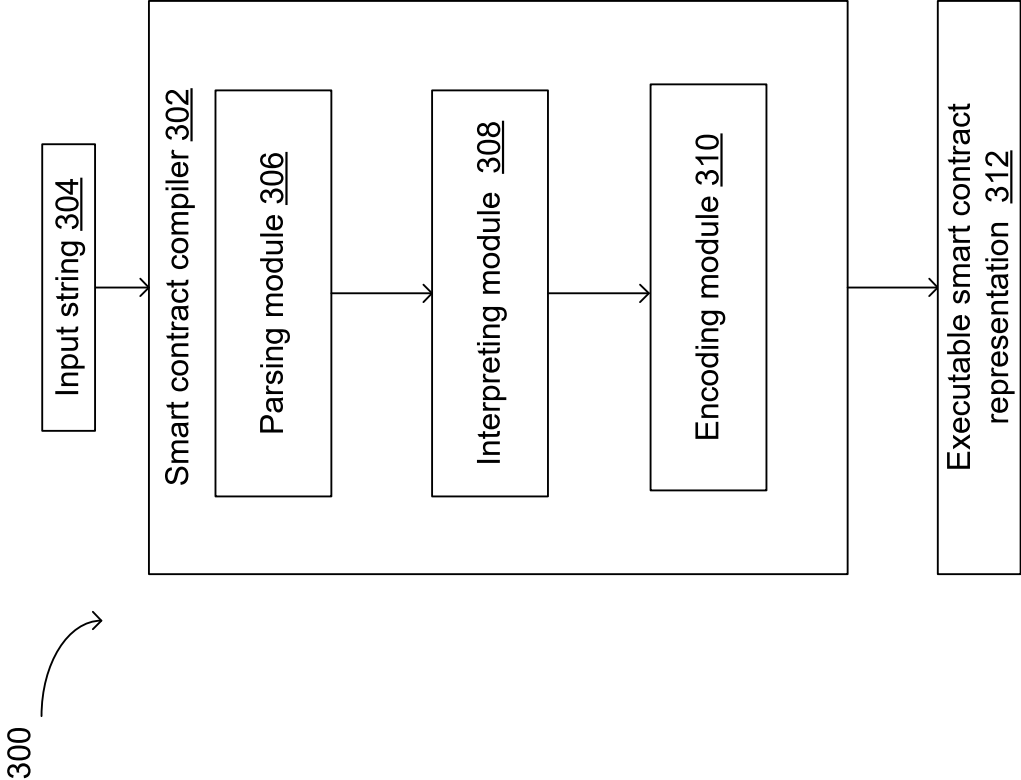


FIG 3

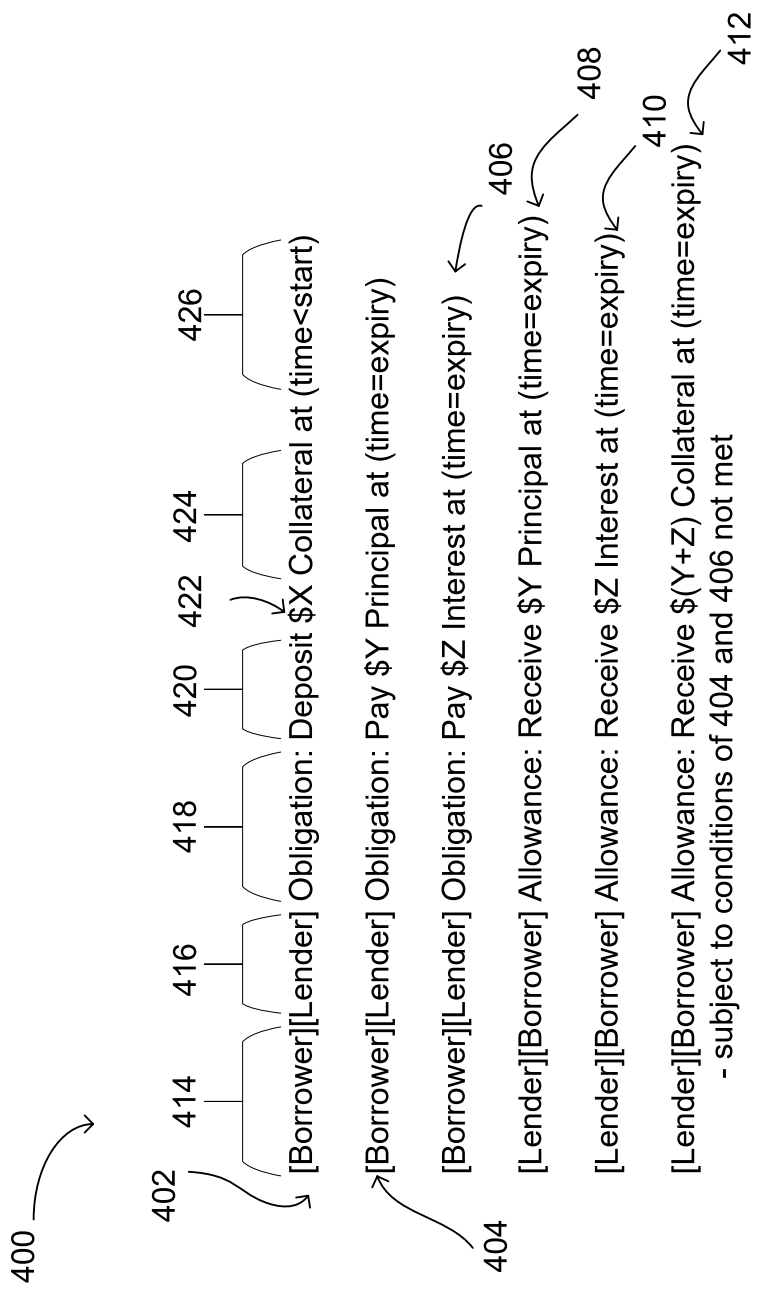


FIG 4

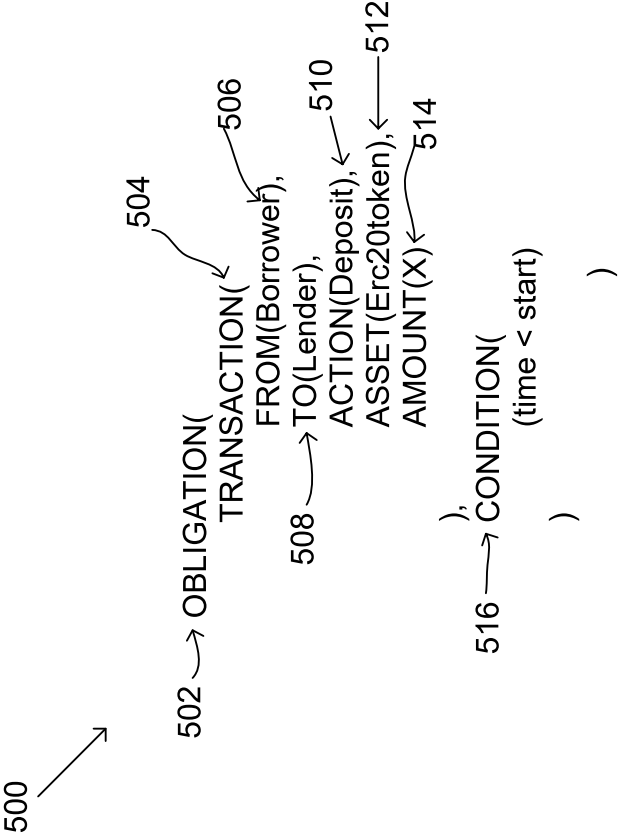


FIG 5A

552		554		556		558		560		562	
Program Step	Element	Opcode	Data Value	Byte Sequence	Solidity™ function						
1	CONDITION	0xe3		0xe3	require						
2	<	0x21		0x21	<						
3	time	0x4a		0x4a	block.timestamp						
4	start		14698896	0x000000000000000000000000 000000000000000000000000 0000000000000000E04990							
5	TRANSACTION	0xb6		0xb6	delegatecall						
6	ASSET	0x5f		0x5f	address						
7	Erc20Token		0x6b175474e89094c44da98 b954eedeac495271d0f	0x6b175474e89094c44da98 b954eedeac495271d0f							
8	ACTION	0xb1		0xb1							
9	Deposit	0xce		0xce	transferFrom						
10	FROM	0xa8		0xa8							
11	Borrower		0xefa910e8e5b1d796cf66a 32bf93e06a7f94c5329	0xefa910e8e5b1d796cf66a 32bf93e06a7f94c5329							
12	TO	0x7d		0x7d							
13	Lender		0xa7a2d45b25a052c44dce6 a97ad3ce4d36b9d782c	0xa7a2d45b25a052c44dce6 a97ad3ce4d36b9d782c							
14	AMOUNT	0xf1		0xf1	wei						
15	X		100000	0x000000000000000000000000 000000000000000000000000 00000000000000000186A0							

[illegible]

FIG 5B

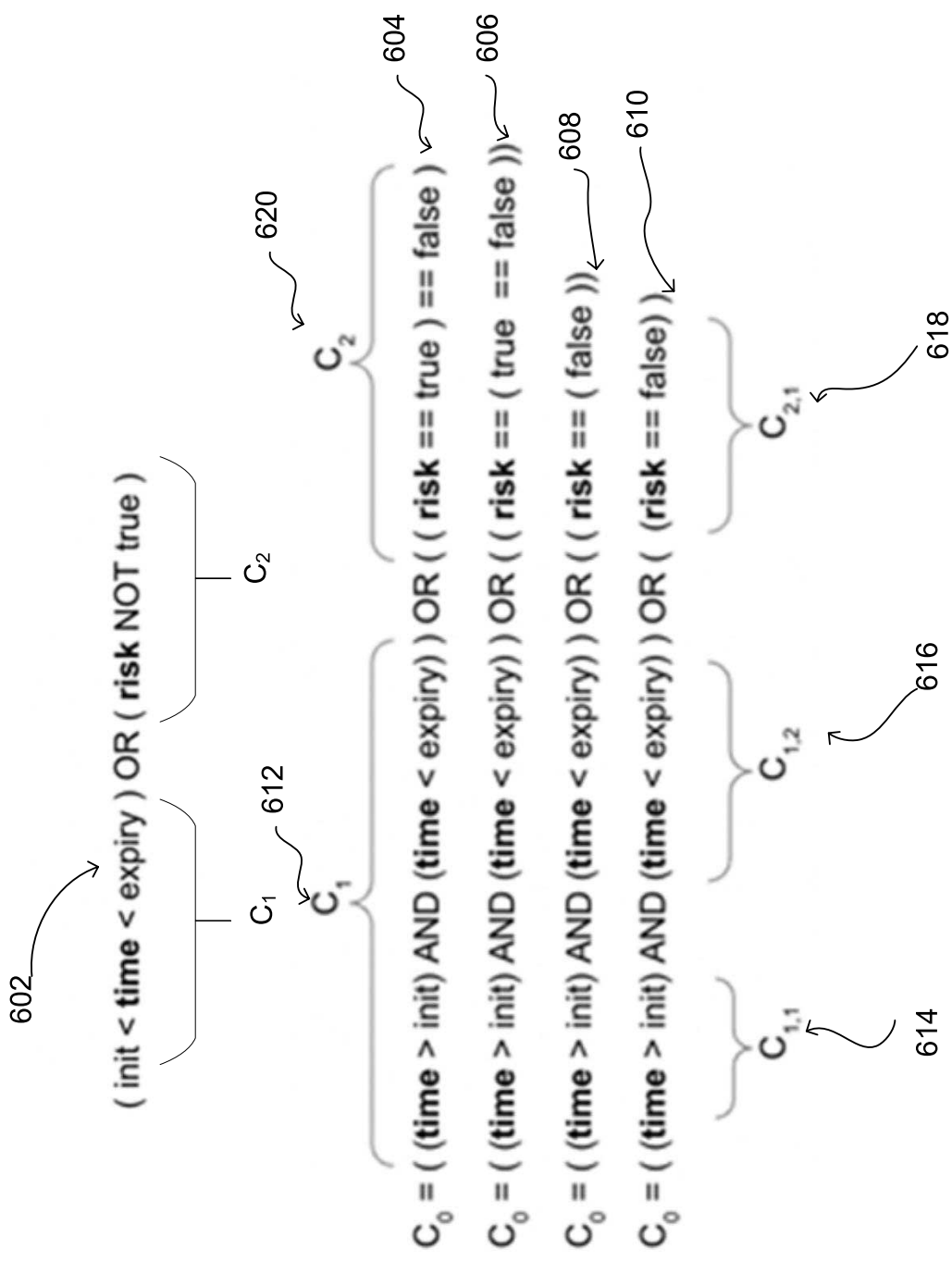


FIG 6A

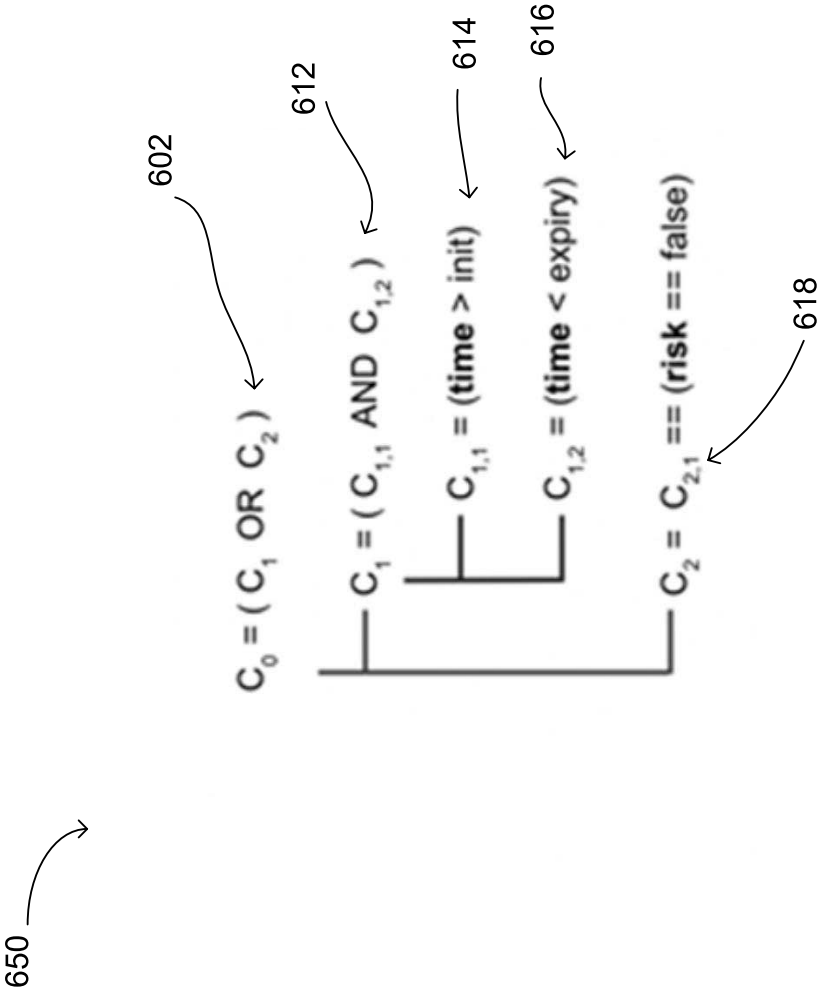


FIG 6B

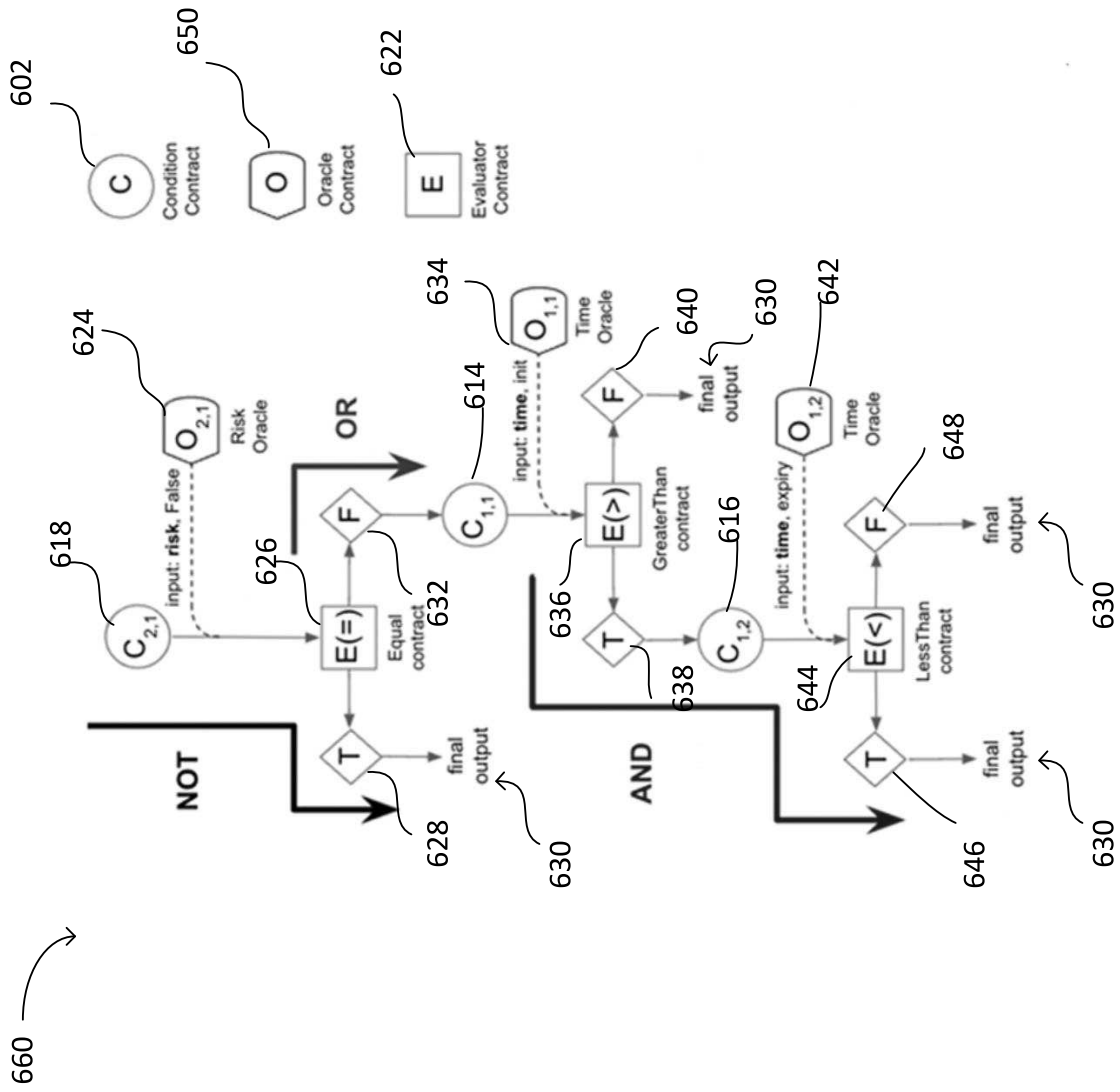


FIG 6C

700 →

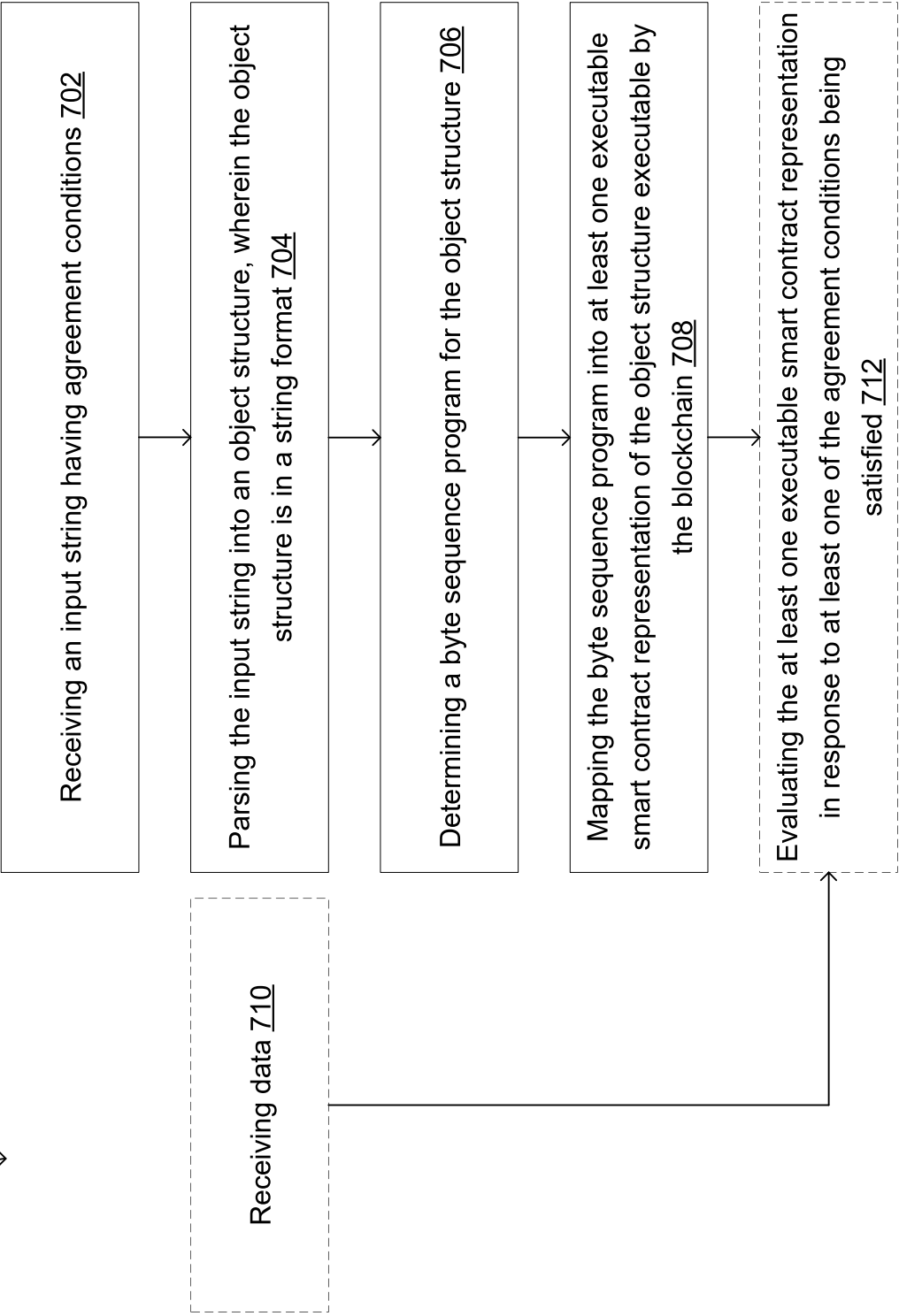


FIG 7

800 →

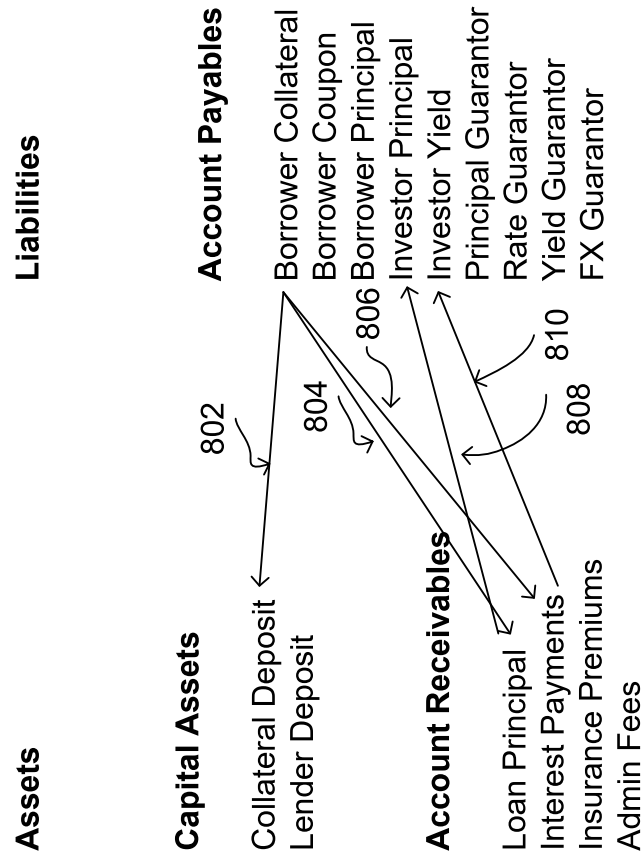


FIG 8

900



For to a smart contract deployed on a blockchain in which the smart contract is configured to

- i) parse an input string into an object structure, wherein the object structure is in a string format,
- ii) determine a byte sequence program for the object structure; and
- iii) map the byte sequence program into at least one executable smart contract representation of the object structure executable by the blockchain 902



Sending, from a computing device, an input string having at least one agreement condition 904



Receiving confirmation indicating execution of the at least one executable smart contract representation
906

FIG 9