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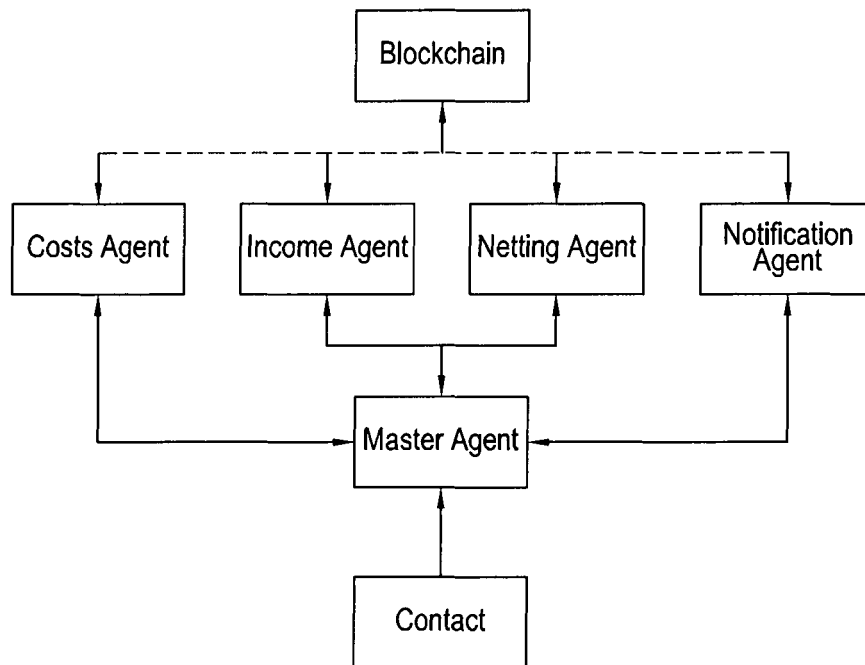


Fig. 1

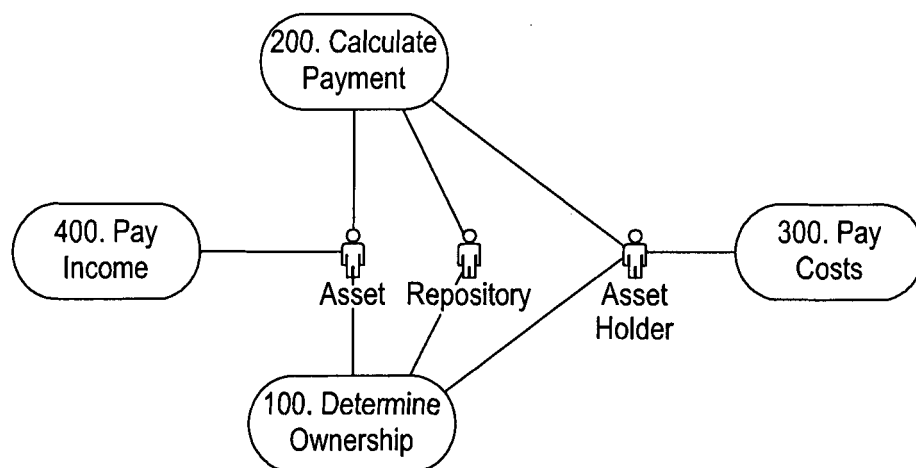


Fig. 2

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For comparison: Generic Contract metadata format				
Field	Sub-field	Bytes	Value	Comments
Metadata1	ContractType	4		Coded value indicates type of contract.
	ContractPointer	16		IPv6 address of the actual contract file location
	ContractTypeData1	12		Format depends on value of ContractType. Padded with zeros
Metadata2	ContractHash	20		RIPEMD-160(SHA256(actual contract file addressed by ContractPointer))
	Jurisdiction	2		Legal jurisdiction covering the metadata
	ContractTypeData2	10		Format depends on value of ContractType. Padded with zeros

Fig. 3

Scenario Definition				
	Create a racehorse asset			
	and then pay winnings and collect costs			
Company Metadata				
Field	Sub-field	Bytes	Value	Comments
Asset	ContractType	4	0x0000FF04	Indicates unit
Metadata A	ContractPointer	16	xxxx.xxxx.xxxx.xxxx (...).xxxx	Address of the <i>Asset Definition</i> file
	Padding	12		Spare
Asset	ContractHash	20	#####...	Hash of the <i>Asset Definition</i> file (not the tokenisation!)
Metadata B	jurisdiction	2	EN	Specifies that the asset is covered by English law
	Options	2	0x0000	No options specified
	Padding	8		Spare

Fig. 4

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Stable Seed Funding	
STABLE-S3-T1	Transaction-ID
Version number	Version number
1	Number of inputs
<Stable's current Satoshi pool - assume 75000 Satoshi	Prev Trans Output
IDX-00	Prev Trans Output index
Script length	Script length
Sig-Stable PubK-Stable	ScriptSig
Sequence number	Sequence number
2	Number of outputs
13,000	Output value
Output script length	Output script length
OP_DUP OP_HASH160 <PubK-Racehorse Hash> OP_EQUALVERIFY OP_CHECKSIG	Output script
61,000	Output value
Output script length	Output script length
OP_DUP OP_HASH160 <PubK-Stable Hash> OP_EQUALVERIFY OP_CHECKSIG	Output script
LockTime	LockTime

Fig. 5

		Racehorse share issuance	
		RACEHORSE-S3-T1	Transaction-ID
		Version number	Version number
		1	Number of inputs
		STABLE-S3-T1	Prev Trans Output
		IDX-00	Prev Trans Output index
		Script length	Script length
		Sig-Racehorse PubK-RaceHorse	ScriptSig
		Sequence number	Sequence number
		4	Number of outputs
		5,000	Output value
		Output script length	Output script length
		>>> OP_HASH160 <redeem script hash> OP_EQUAL	Output script
		3,000	Output value
		Output script length	Output script length
		>>> OP_HASH160 <redeem script hash> OP_EQUAL	Output script
		2,000	Output value
		Output script length	Output script length
		>>> OP_HASH160 <redeem script hash> OP_EQUAL	Output script
		2,000	Output value
		Output script length	Output script length
		>>> OP_HASH160 <redeem script hash> OP_EQUAL	Output script
		2,000	Output value
		Output script length	Output script length
		>>> OP_HASH160 <redeem script hash> OP_EQUAL	Output script
		lock time	lock time

Fig. 6

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Stable Fee Payment from Alice	
RACEHORSE-S3-T2	Transaction-ID
Version number	Version number
1	Number of inputs
ALICE-S3-T1	Prev Trans Output
IDX-00	Prev Trans Output index
Script length	Script length
Sig-Alice PubK-Alice	ScriptSig
Sequence number	Sequence number
1	Number of outputs
540,000	Output value
Output script length	Output script length
OP_DUP OP_HASH160 <PubK-Racehorse Hash> OP_EQUALVERIFY OP_CHECKSIG SIGHASH_ANYONECANPAY	Output script
LockTime	LockTime
Stable Fee Payment from Bob	
RACEHORSE-S3-T3	Transaction-ID
Version number	Version number
1	Number of inputs
BOB-S3-T1	Prev Trans Output
IDX-00	Prev Trans Output index
Script length	Script length
Sig-Bob PubK-Bob	ScriptSig
Sequence number	Sequence number
1	Number of outputs
360,000	Output value
Output script length	Output script length
OP_DUP OP_HASH160 <PubK-Racehorse Hash> OP_EQUALVERIFY OP_CHECKSIG SIGHASH_ANYONECANPAY	Output script
LockTime	LockTime

Fig. 7

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Racehorse Stable Fees	
RACEHORSE-S3-T6	Transaction-ID
Version number	Version number
2	Number of inputs
RACEHORSE-S3-T2	Prev Trans Output
IDX-00	Prev Trans Output index
Script length	Script length
Sig-Racehorse PubK-Racehorse	ScriptSig
RACEHORSE-S2-T4	Prev Trans Output
IDX-01	Prev Trans Output index
Script length	Script length
Sig-Racehorse PubK-Racehorse	ScriptSig
Sequence number	Sequence number
1	Number of outputs
8,999,000	Output value
Output script length	Output script length
OP_DUP OP_HASH160 <PubK-Stable Hash> OP_EQUALVERIFY OP_CHECKSIG	Output script
LockTime	LockTime

Fig. 8

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Racehorse Winnings	
STABLE-S3-T2	Transaction-ID
Version number	Version number
1	Number of inputs
EXCHANGE-S3-T1	Prev Trans Output
IDX-00	Prev Trans Output index
Script length	Script length
Sig-Stable PubK-Stable	ScriptSig
Sequence number	Sequence number
1	Number of outputs
8,000,001,000	Output value
Output script length	Output script length
OP_DUP OP_HASH160 <PubK-Racehorse Hash> OP_EQUALVERIFY OP_CHECKSIG	Output script
LockTime	LockTime

Fig. 9

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Racehorse Winnings to Investors	
RACEHORSE-S3-T8	Transaction-ID
Version number	Version number
1	Number of inputs
STABLE-S3-T2	Prev Trans Output
IDX-00	Prev Trans Output index
Script length	Script length
Sig-Racehorse PubK-Racehorse	ScriptSig
Sequence number	Sequence number
3	Number of outputs
4,000,000,000	Output value
Output script length	Output script length
OP_DUP OP_HASH160 <PubK-Stable Hash> OP_EQUALVERIFY OP_CHECKSIG	Output script
2,400,000,000	Output value
Output script length	Output script length
OP_DUP OP_HASH160 <PubK-Alice Hash> OP_EQUALVERIFY OP_CHECKSIG	Output script
1,600,000,000	Output value
Output script length	Output script length
OP_DUP OP_HASH160 <PubK-Bob Hash> OP_EQUALVERIFY OP_CHECKSIG	Output script
LockTime	LockTime

Fig. 10

	Alice Sells One Share to Eve	Transaction-ID	ALICE-S3-T2
		Version number	
		Number of inputs	2
		Prev Trans Output	RACEHORSE-S3-T1
		Prev Trans Output index	IDX-01
		Script length	
		ScriptSig	Sig-Alice OP_1 InvestMetaDataA InvestMetadataB PubK-Alice OP_3 OP_CHECKMULTISIG
	Second input to pay the mining fee only	Prev Trans Output	<Alice's standard BTC account - assume 1000 Satoshi>
		Prev Trans Output index	IDX-00
		Script length	
		ScriptSig	Sig-Alice PubK-Alice
		Sequence number	
		Number of outputs	2
		Output value	2,000
		Output script length	
	Redeem script allowing Alice to onsell	Output script	OP_HASH160 <redeem script hash> OP_EQUAL
	OP_1 InvestMetaDataA InvestMetadataB PubK-Alice OP_3 OP_CHECKMULTISIG	Output value	1,000
		Output script length	
	Redeem script allowing Eve to onsell	Output script	OP_HASH160 <redeem script hash> OP_EQUAL
	OP_1 InvestMetaDataA InvestMetadataB PubK-Eve OP_3 OP_CHECKMULTISIG	LockTime	

Fig. 11

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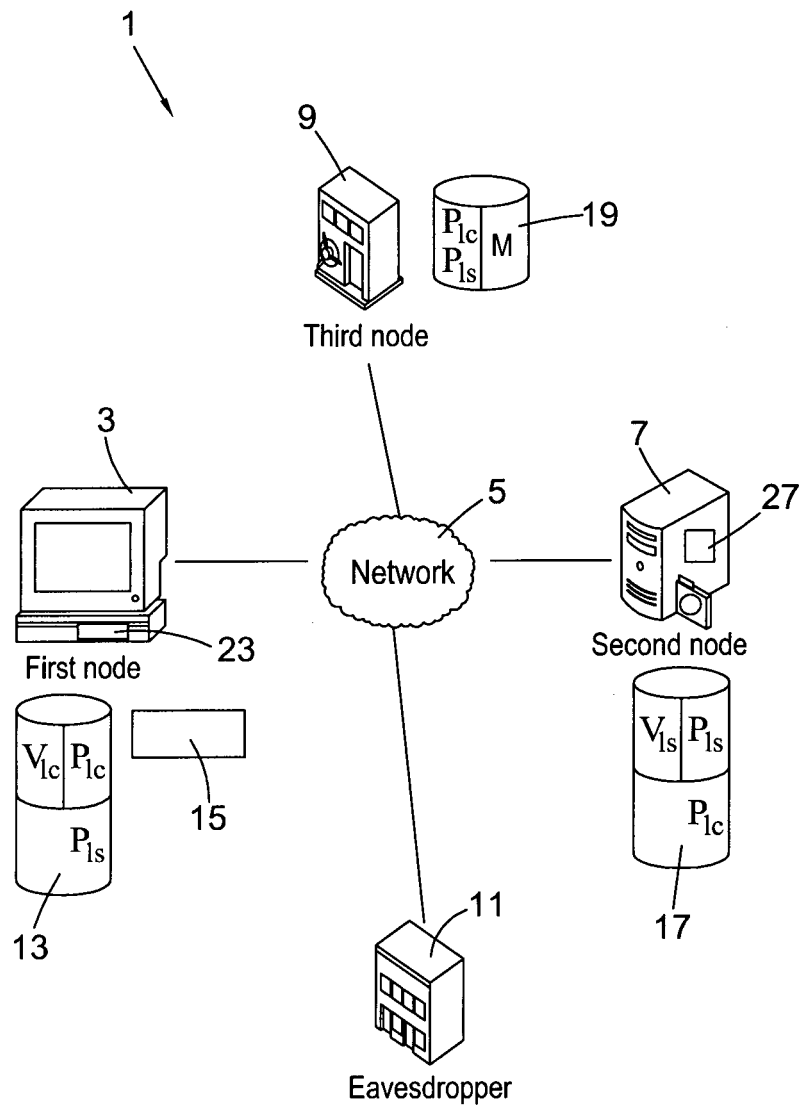


Fig. 12

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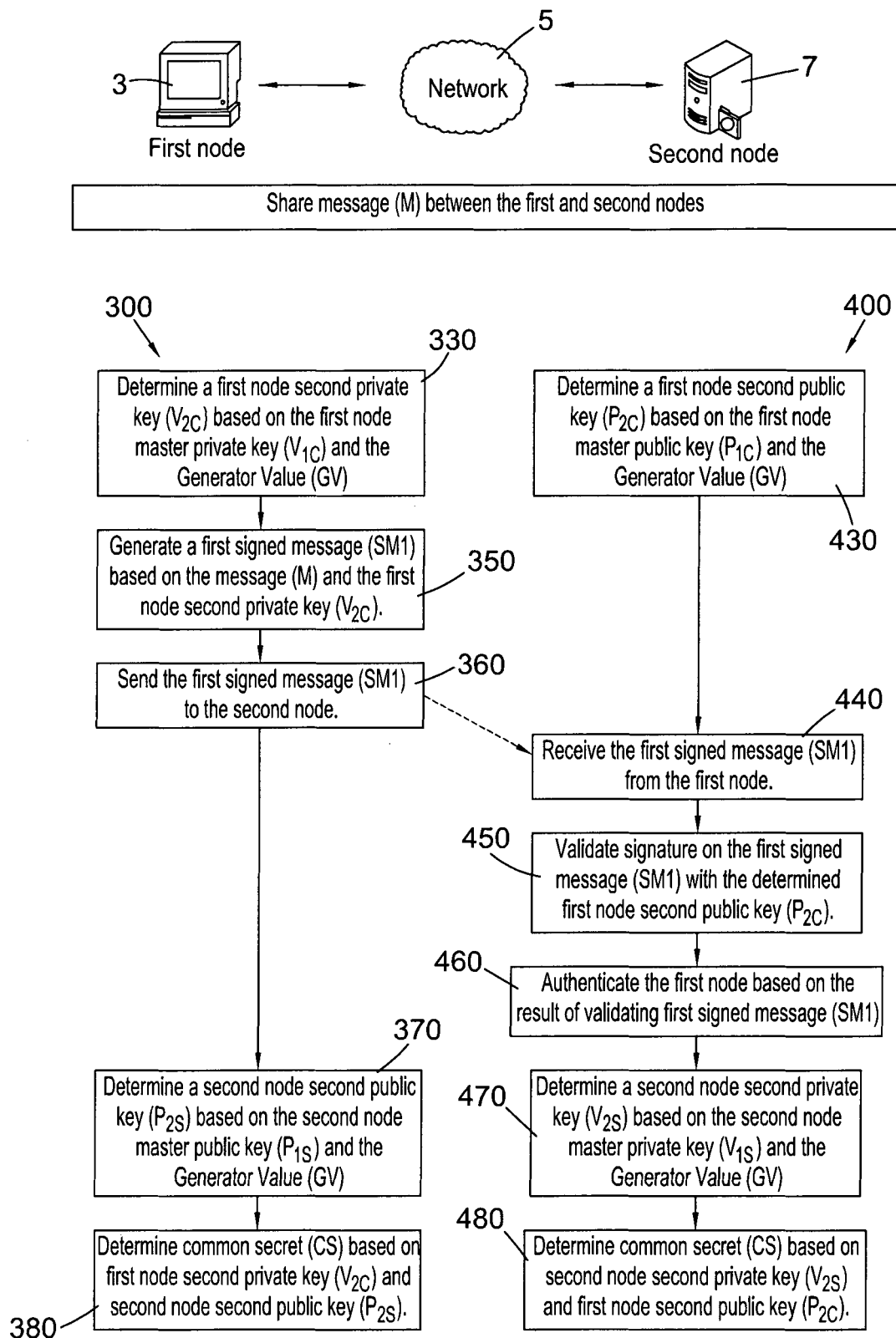


Fig. 13

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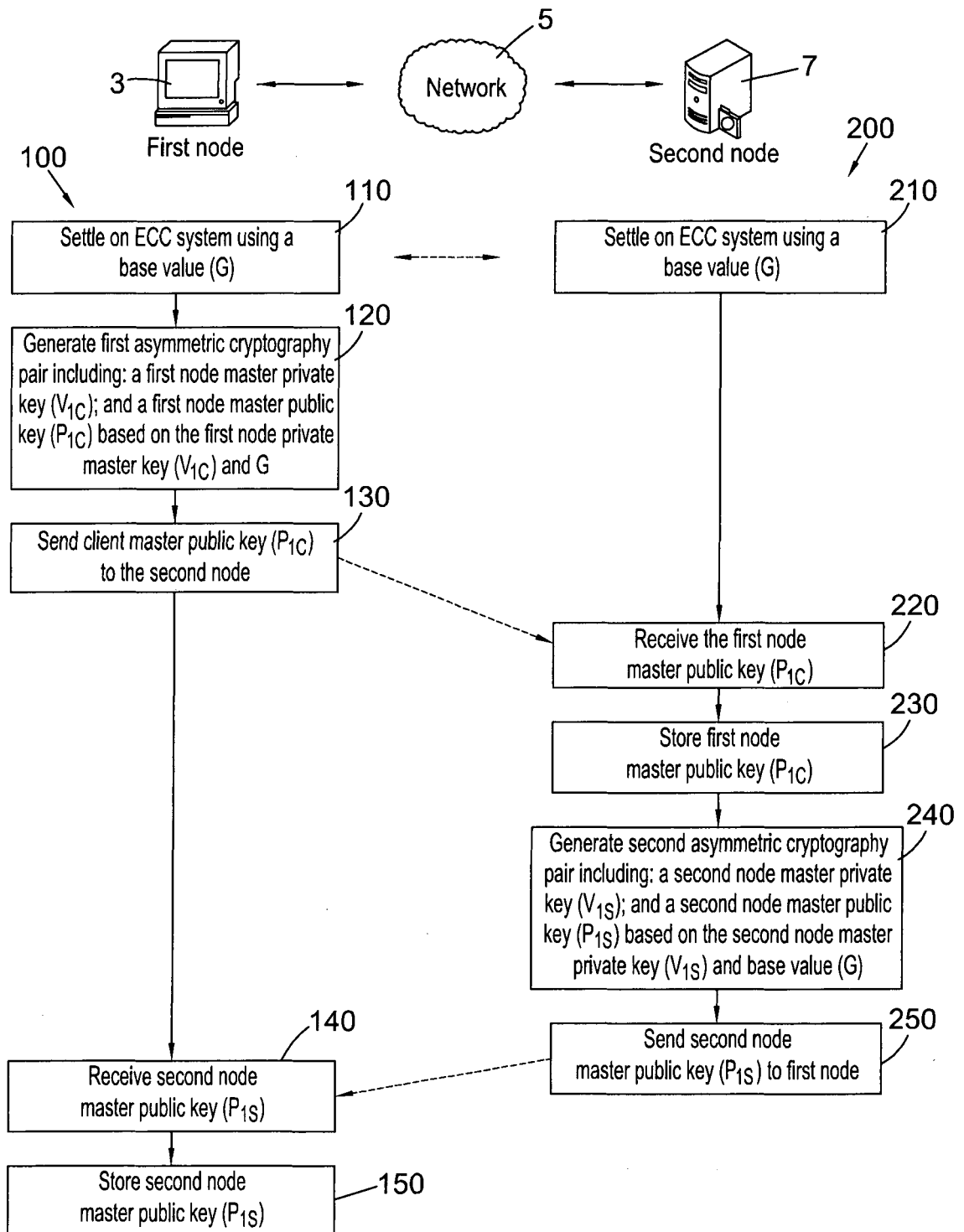


Fig. 14

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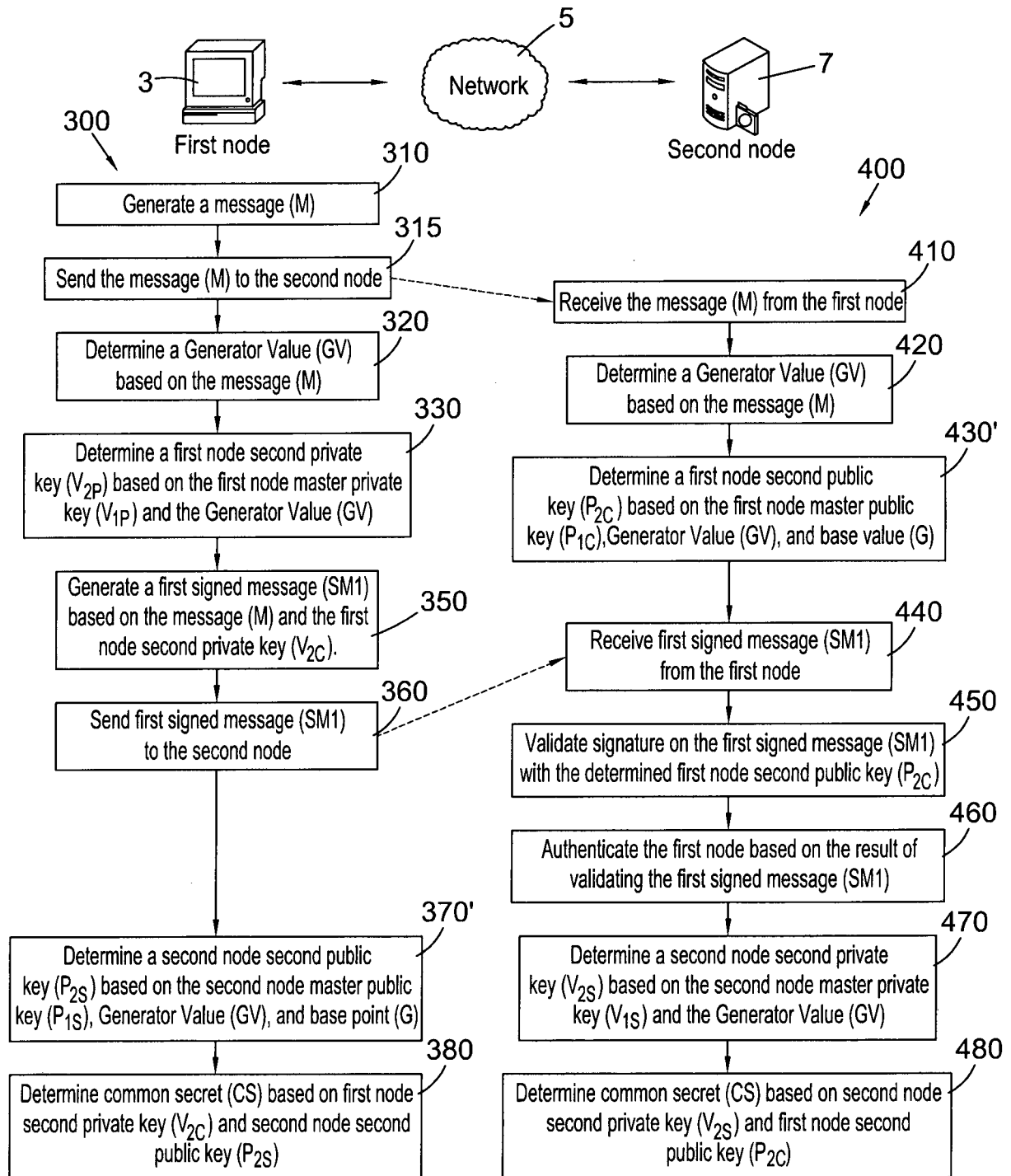


Fig. 15

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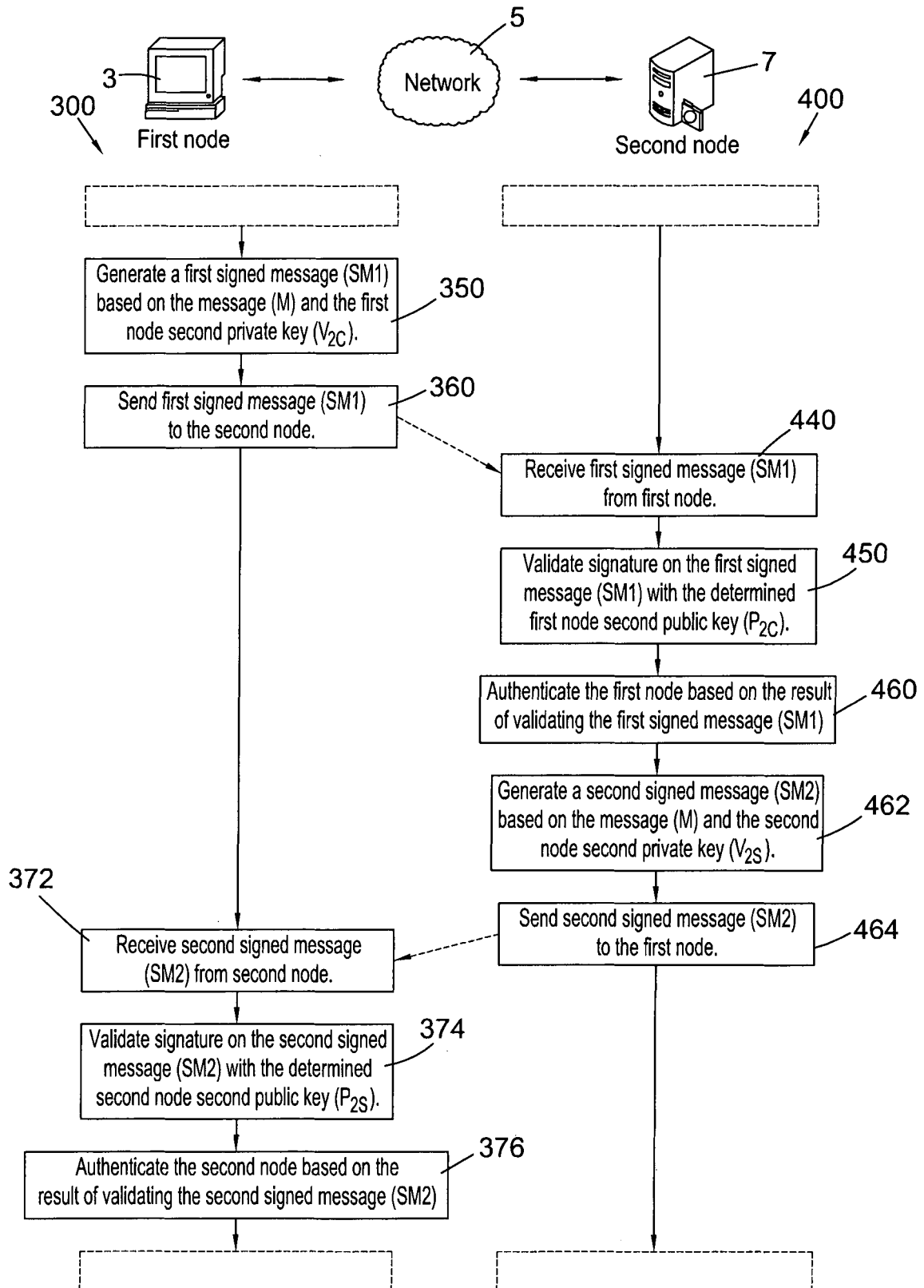


Fig. 16

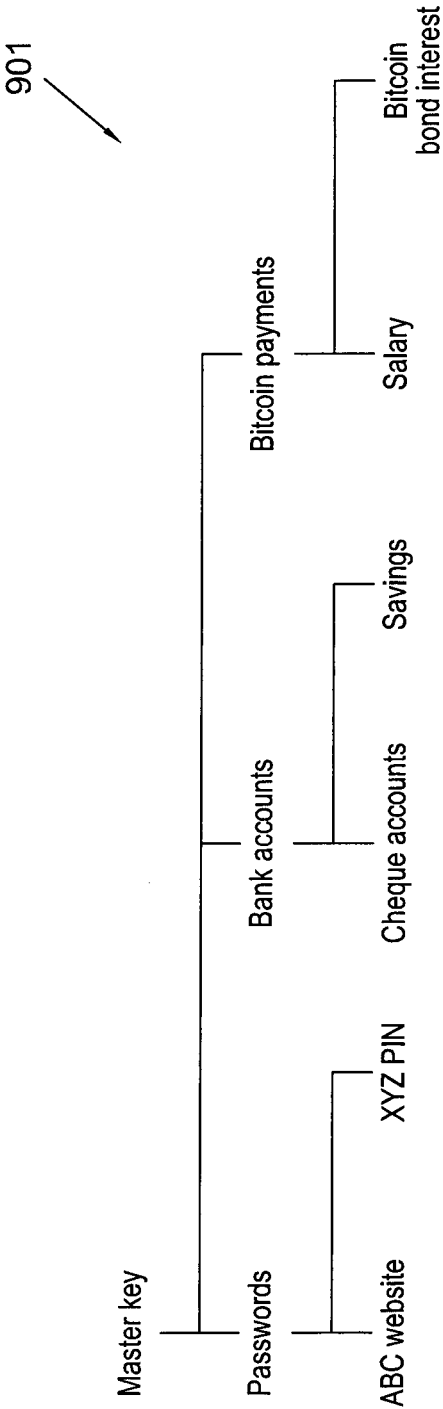


Fig. 17

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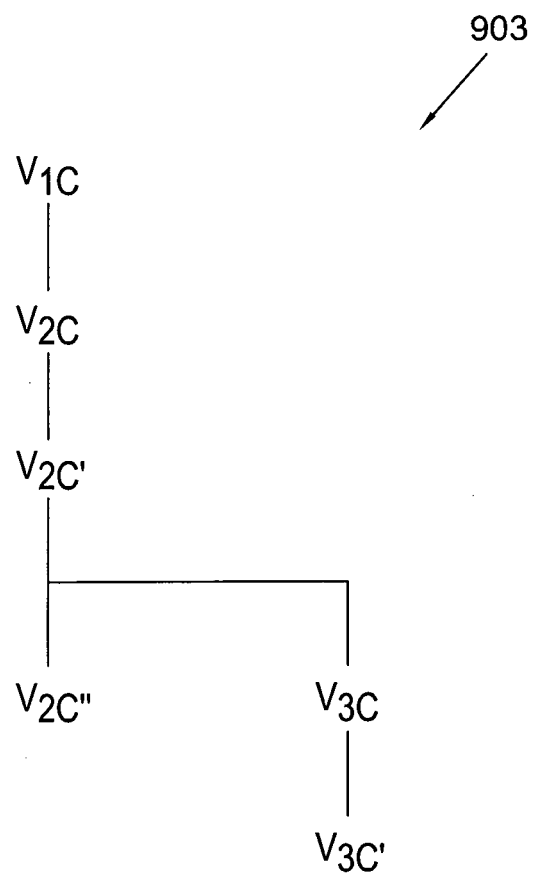


Fig. 18