

FIG. 1

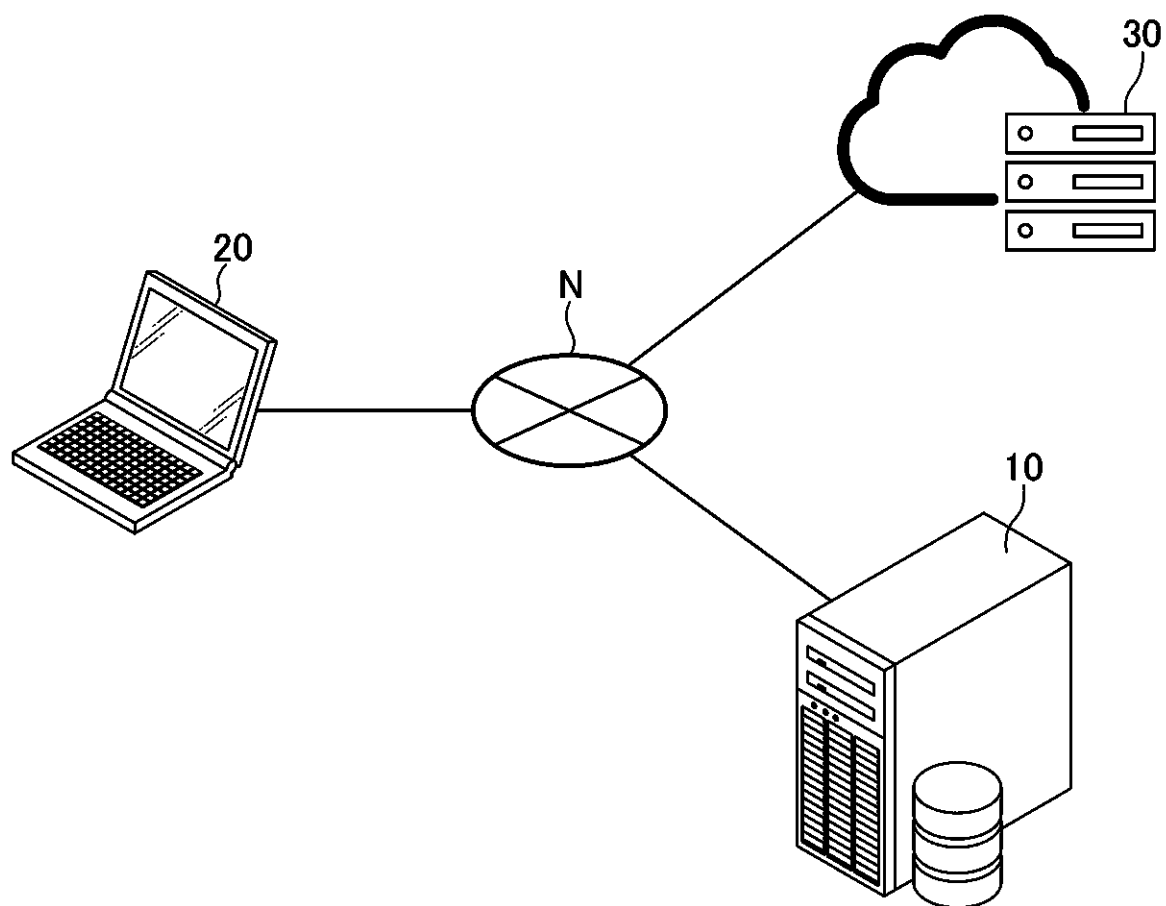


FIG. 2

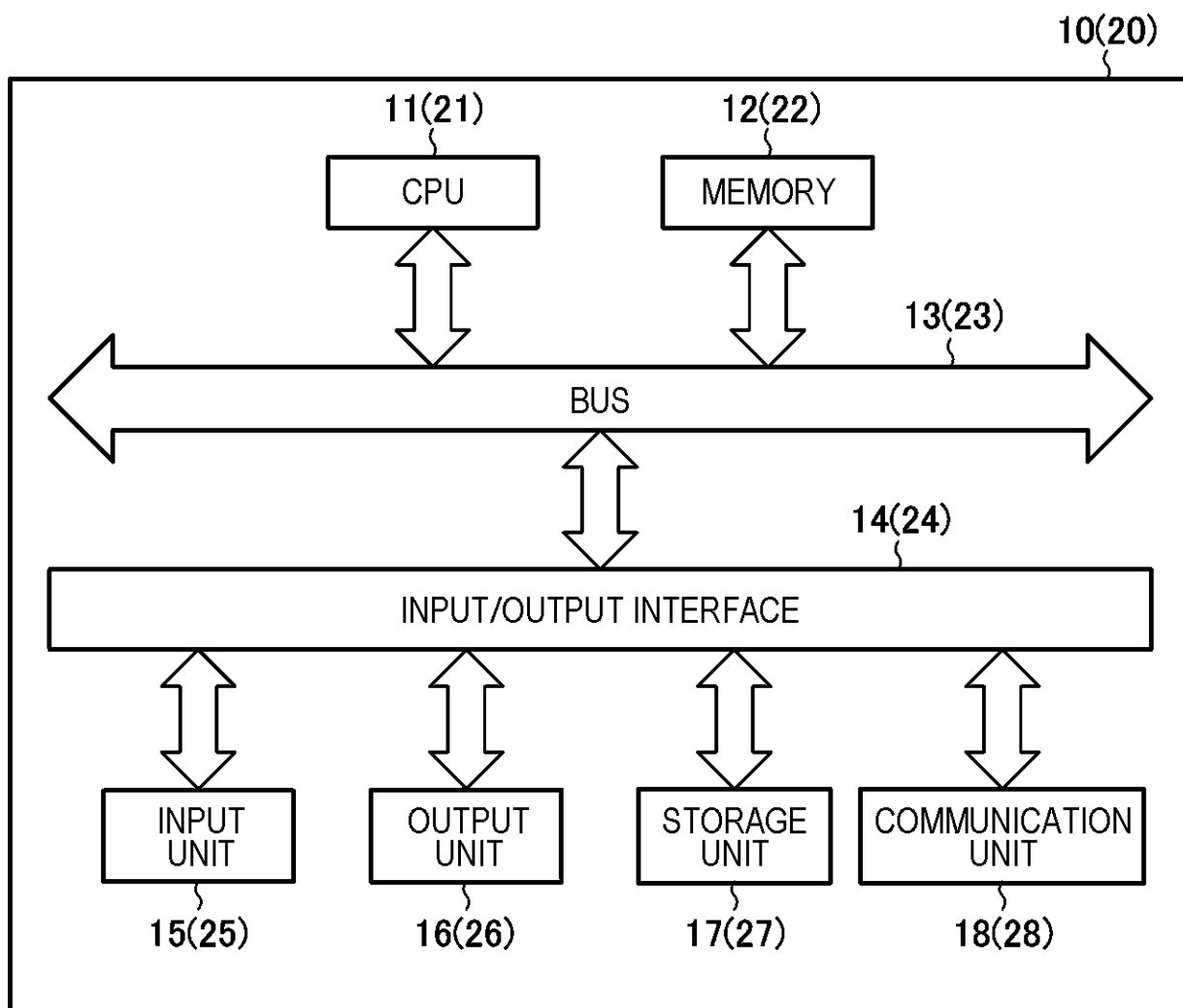


FIG. 3

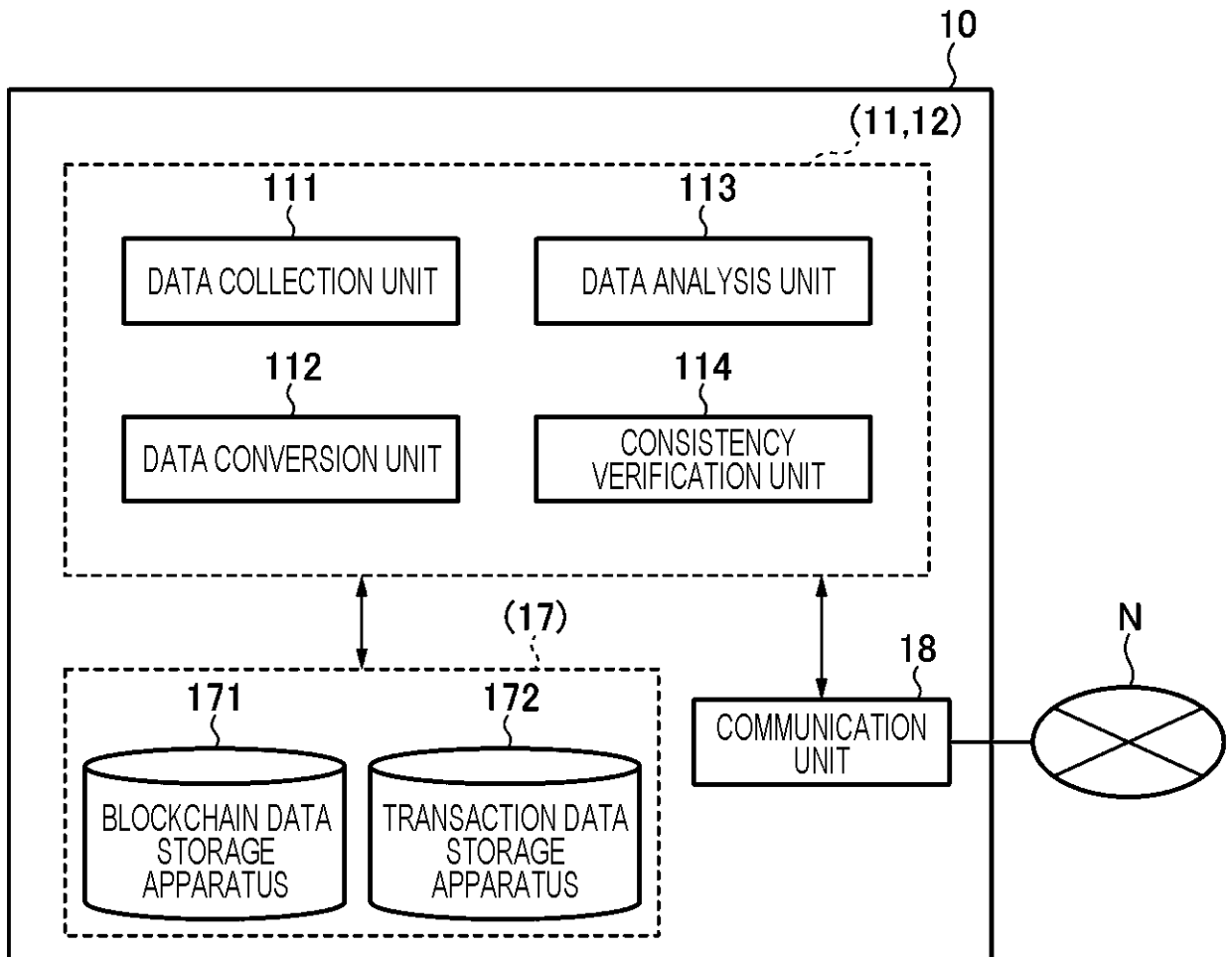


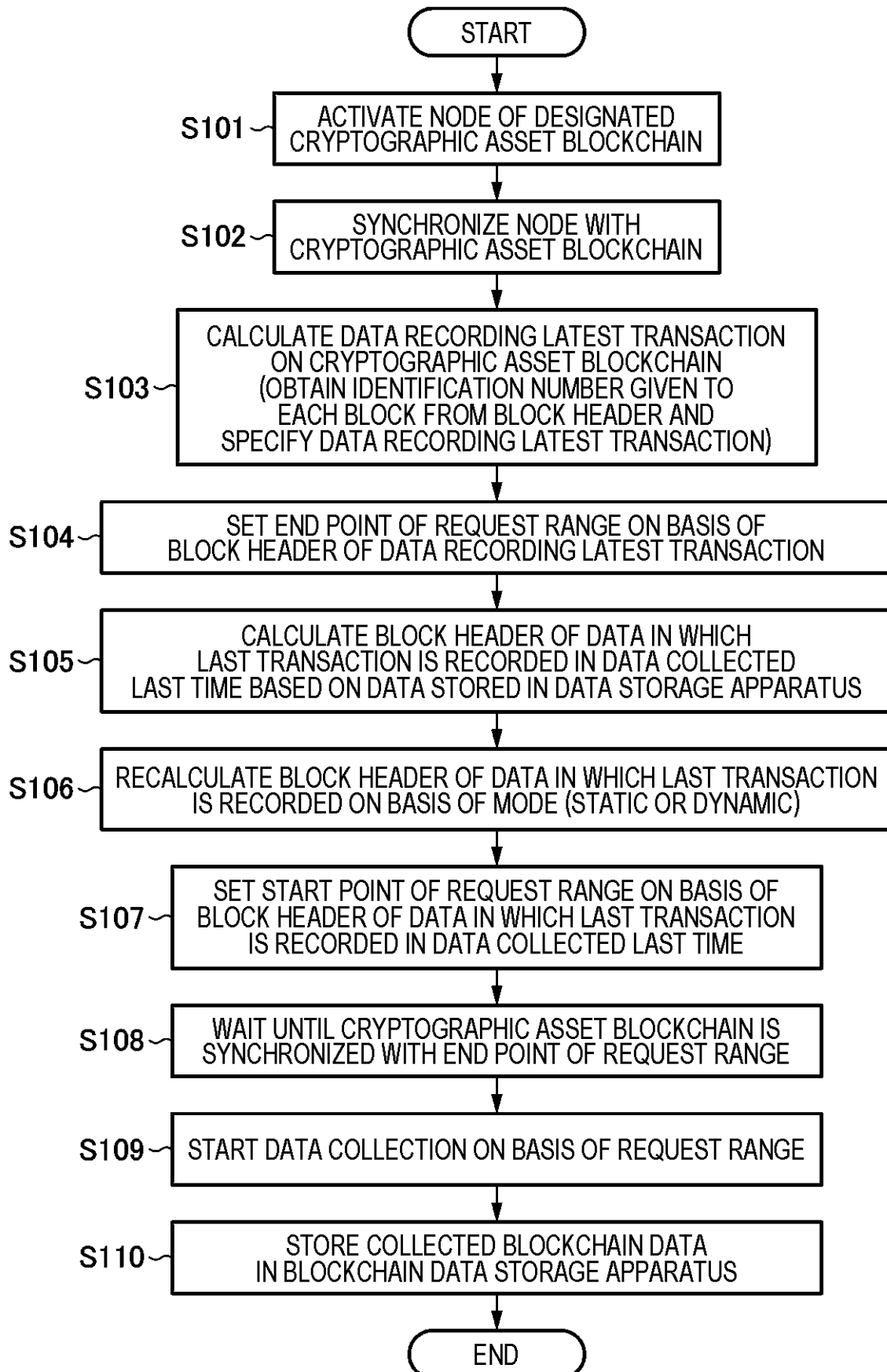
FIG. 4

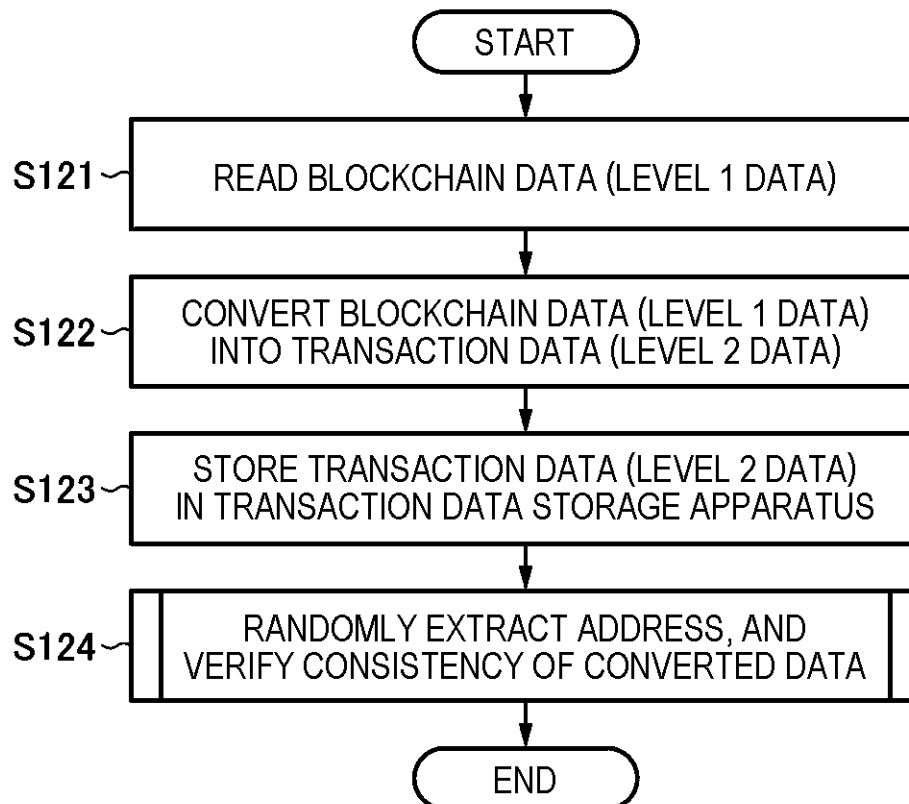
FIG. 5

FIG. 6

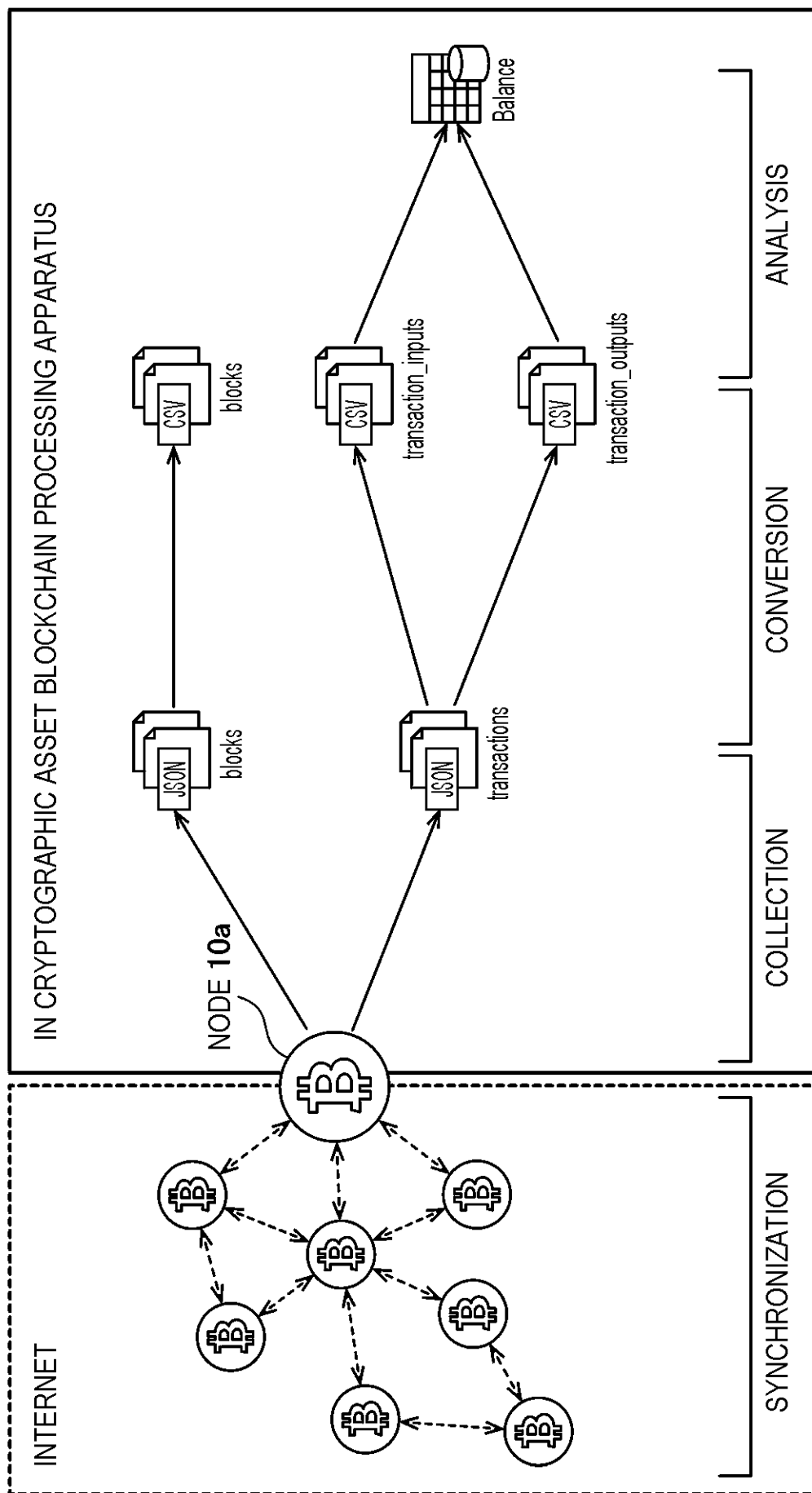


FIG. 7

[illegible]

FIG. 8

```
Q 0000000002862a0885ec35cd86b8d95b1e1c0ba182845198b2a5b904d1dfb3c
{"hash": "00000000001e0741097bcababe3f20c071dd19d1adffac7e229a442cd334d8b5", "size": 217,
"stripped_size": 217, "weight": 868, "number": 80230, "version": 1, "merkle_root":
"379599555bddde3624c19ca0a8f3398f75eba3807be5542ed2227f297e50dcd54", "timestamp":
1284706088, "nonce": "2b45c236", "bits": "1b5bede6", "coinbase_param":
"04e6ed5b1b03f7bd00", "transaction_count": 1}
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"stripped_size": 216, "weight": 864, "number": 80233, "version": 1, "merkle_root":
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1284706848, "nonce": "37fb6a0b", "bits": "1b5bede6", "coinbase_param": "04e6ed5b1b02f908",
"transaction_count": 1}
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"stripped_size": 473, "weight": 1892, "number": 80234, "version": 1, "merkle_root":
"729dff922569517e33b6f0e72ea567e53155df30736ef8625e25cf5123c0af68", "timestamp":
1284707604, "nonce": "122e0a2", "bits": "1b5bede6", "coinbase_param": "04e6ed5b1b021c01",
"transaction_count": 2}
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"stripped_size": 216, "weight": 864, "number": 80235, "version": 1, "merkle_root":
"f4d12deb7c3456028c85407a7d90b6d2a203eb4c6e07fec37ff1c6066ffcf8c6", "timestamp":
1284707996, "nonce": "4837361e", "bits": "1b5bede6", "coinbase_param": "04e6ed5b1b02e70d",
"transaction_count": 1}
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"stripped_size": 216, "weight": 864, "number": 80232, "version": 1, "merkle_root":
"7511666de877fe19d541d64c74e49d1440762c1b10f1243af2782191643ef887", "timestamp":
1284706737, "nonce": "11c51c26", "bits": "1b5bede6", "coinbase_param": "04e6ed5b1b028800",
"transaction_count": 1}
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"stripped_size": 733, "weight": 2932, "number": 80237, "version": 1, "merkle_root":
```

FIG. 9

General info

Hash(txid)

bfab06e145dabc5f4ba6445bd1b0ce78109d433177e5971ef5dcd86857d8c669

Block id

80234

560210 confirmation

Time(UTC)

2010-09-17 07:13 (10 years ago)

PDF receipt

USD ☒ BTC

Input total

86.70000000 BTC

Output total

86.70000000 BTC

Fee

0.00000000 BTC

Fee per byte

0 satoshi

Replace-by-fee(RBF)enabled?

NO

Fee per vbyte

0 satoshi

Technical details

Input count/Output count

1/2

Size

257

Coindays destroyed

0.00

For developers

API docs

6d

Raw tx

Alternative explorers

BTC

Click to see more

Senders

←

86.70000000 BTC

1FUxxitof725tgkqXkvDZ7Rba5TokoAij1

→

Recipients

1G59hhQV6yqt2HtrBduky2wTeRCMIE4R8m

86.65000000 BTC

→

16ia5BU9YuEeYhwAY9iueDnozfxsVSemhY

0.05000000 BTC

→

FIG. 10

```

"input_count": 0, "output_count": 1, "input_value": 0, "output_value": 5000000000, "fee":
0}
{"hash": "bfab06e145dabc5f4ba6445bd1b0ce78109d433177e5971ef5dcd86857d8c669", "size": 257,
"virtual_size": 257, "version": 1, "lock_time": 0, "block_number": 80234, "block_hash":
"000000002862a0885ec35cd86b8d95b1e1c0ba182845198b2a5b904d1dfb3e", "block_timestamp":
1284707604, "is_coinbase": false, "inputs": [{"index": 0, "spent_transaction_hash":
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0, "script_asm":
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36adb5249d5e38113b91d980d8f322acdab86bdc6ba148bdd6[ALL]
04929cfa65c3ce7ba5bb3826cb3958046765f67f225e6674732090eee355e26ffe1a409e6345be4845d1ea0a0
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765f67f225e6674732090eee355e26ffe1a409e6345be4845d1ea0a023675246153265c3b1a80ce6073bbdc8f
371f95d", "sequence": 4294967295, "required_signatures": null, "type": null, "addresses":
[], "value": null}, {"outputs": [{"index": 0, "script_asm": "OP_DUP OP_HASH160
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"76a914a552d07bcac0c0a4597fe12eb76a06c117d2f6d488ac", "required_signatures": 1, "type":
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"input_count": 1, "output_count": 2, "input_value": 0, "output_value": 8670000000, "fee":
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"virtual_size": 135, "version": 1, "lock_time": 0, "block_number": 80235, "block_hash":
"0000000042c1b07b521f025e8b1ab636084e080f7871f734beb046e1719929", "block_timestamp":
1284707006, "is_coinbase": true, "inputs": [{"index": 0, "script_asm":

```

FIG. 11

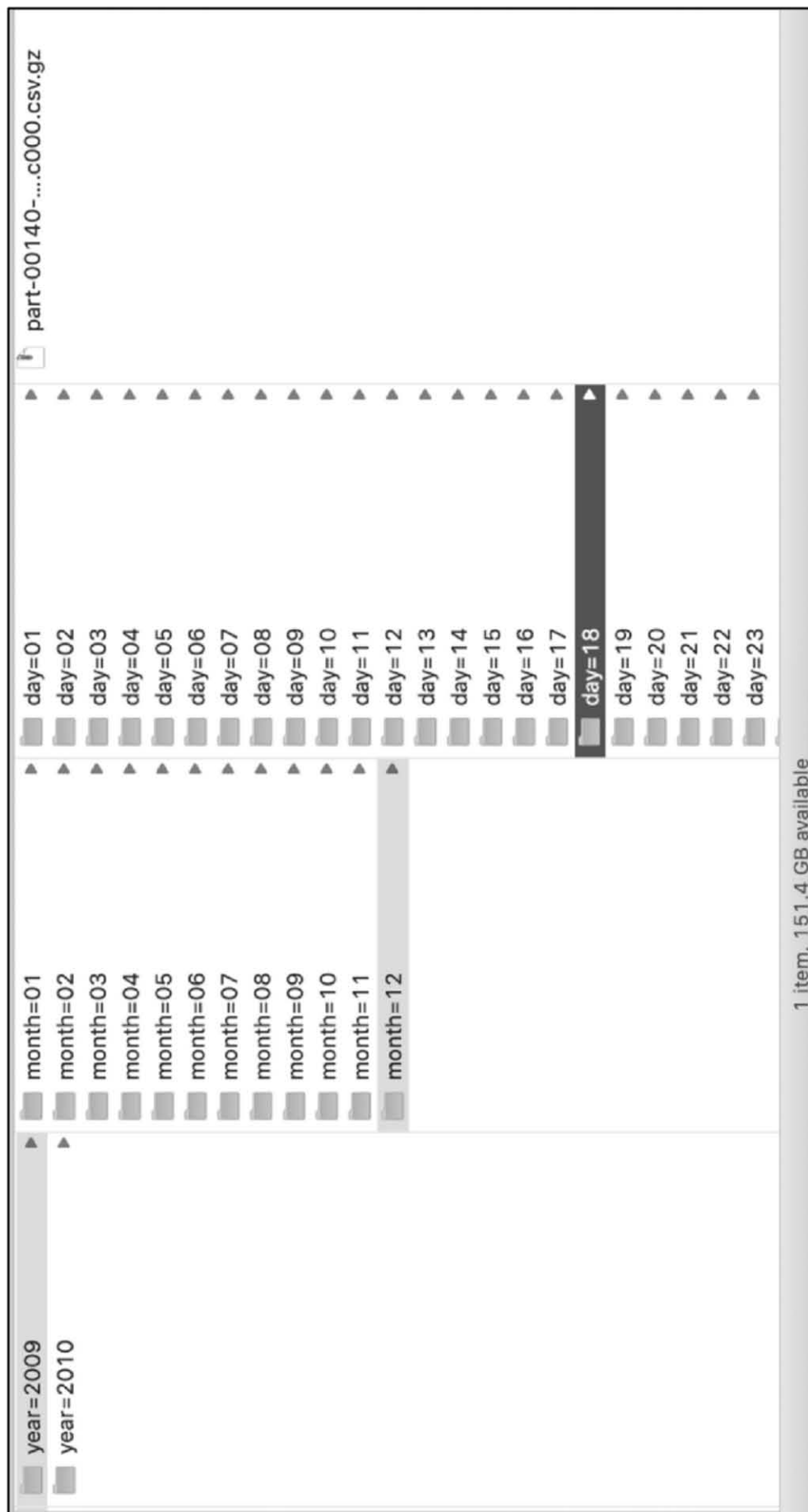


FIG. 12

part-00140-71b80e44-ecb8-4f4a-b6fc-0						
hash	size	stripped_size	weight	number	version	merkle_root
00000000e5a226a318de959aac21331019f0762177de195538f11adccf7ce9e8	215	215	860	30097	1	9a3fbc84acba26ade0f8eb209c5f02
00000000fd29433facc540e09e0c7167cd9a7b5a95f6ce2a5e0906977ce7e5b	215	215	860	30098	1	d71690ccb8ac65725ead3d31652f8
00000000f24815dea58b985565de7cee13bfe223045c1aa789bf84223b6b6d31	215	215	860	30099	1	e62d9d19bc9dffa6c74540a5fcd7f78
0000000038efdd423b6ab270e19b772a7e02e36ec612a7299f3e81d8258eda09	216	216	864	30101	1	5d1cfb5365c5bb80cc5a9eaaaa2ae
00000000992e62cf373fd7b4f2862e0bdb1d00ac87733d98cbbf78ec7adc88c0	216	216	864	30100	1	a115273501775264ae60b1a1a7d67
00000000f780b80f077a0f8f8ce9579ca69b7527cf0be9cbb2d771b50b55cf0a	215	215	860	30102	1	6b4e78a6bec193e42e8fafa6f5e79ee
0000000009c0e6f37f8463c31f442c7ef2816249cfe482ffa458ec8e80ff5777	1369	1369	5476	30104	1	97f54127cf427923ff0ecbbe5bce099
0000000059eff7fc340f901de0404948de7609dc1161f43c9a606dca414b9bf	215	215	860	30103	1	821ed10df38aaa7c844330944bec6
00000000212609ae985ec7630c10b0d64cb946b46a8e21951e456cacfb85592	215	215	860	30105	1	9fb9a36d465448476e243b103ae48
00000000d3b3c916bdcfb8c8c528b654bb0cbdb2a275ce7535e4edbe9a212234	216	216	864	30110	1	1706702d96afadab68f0679c84f1011
00000000317275fa512cccf94c0dd4bc9c938415486cef92d43d295ab09022a5	215	215	860	30109	1	548198ed3c051c20b1352d9d72dcd
000000006186d1904281eaad9692cb46b343fc8409b36322d5898555e8a100ea	215	215	860	30107	1	6b463d5a5df98ea57a321d568222d
00000000fa0c0bc62756f0e0a70b29f88ebda520cf2c6d0637d7729698eb4061	216	216	864	30108	1	cbefff31be49409faa3abf9e7a6c89d
00000000bd08edbb7db8405c8186b712305597ef6edeaba6dcd43f537e868c6c7	215	215	860	30106	1	dcee6fca68d887241a836642e6ae7e
0000000005ff8b28a6253d03383a2483bc43496bab617216555063ee73ecdd958	216	216	864	30111	1	b8384071946b9f9efc803286ba3af1
000000000e1e1153b6abc82e7881b5d011402e47accad6afec352b7fa18feb65d	215	215	860	30113	1	c80260fe2421d0c49ec53571bc907
00000000bd0b0bd048c2f8f002f6ec57e58eae40aba12489458a900dffa7b31	215	215	860	30112	1	a87f3d554d7e4887103cbf949262ce
000000004ac366d75faac3d738a38f6a5e19f2fd2aad86a1a870174b65b1aad4	215	215	860	30114	1	1f8ee9752ca818b5077ba84016a62
000000002c6e0a71015579a9c1338690134a4e7c29f9a5e656d8c4fcf646b030	215	215	860	30118	1	79f5cfd6a525b86e9c9e324a9babca
000000002dbb46a15c3db99b4275853c8b81f3b8fbb4b5b01f3c380ec6f0226	215	215	860	30115	1	61089a4f9191cdf40e34d152555d3e
00000000f21e881368f0995df156368f2835fffd40b020ac68035792347d06287	216	216	864	30120	1	661b0877ead6758811ed65734289b
0000000008c8474448de83fdbfb4d4cce740f622300aca48ce43d7188639a04c0	216	216	864	30117	1	5675b60479b8c88fdabfd9b9b3739
0000000018254763a60a4e0357c91c250b65cb11bea03e575d3b286dc30dfdd6	215	215	860	30116	1	bf238194a4e73a164f247a8f364261

FIG. 13

Level 1

block	hash	string
	size	bigint
	stripped_size	string
	weight	string
	number	bigint
	version	bigint
	merkle_root	string
	timestamp	bigint
	nonce	string
	bits	string
	coinbase_param	string
	transaction_count	bigint
	end_block	bigint



Level 2

block	hash	string
	size	bigint
	stripped_size	string
	weight	string
	number	bigint
	version	bigint
	merkle_root	string
	timestamp	bigint
	nonce	string
	bits	string
	coinbase_param	string
	transaction_count	bigint
	end_block	bigint

start_block	bigint
year	string
month	string
day	string

FIG. 14

Level 1

transactions	hash	string
	size	int
	virtual_size	int
	version	int
	lock_time	bigint
	block_number	int
	block_hash	string
	block_timestamp	int
	is_coinbase	boolean
	inputs	array<string>
	outputs	array<string>
	input_count	int
	output_count	int
	input_value	int
	output_value	bigint
	fee	bigint
	start_block	string
	end_block	string



Level 2

transaction_inputs	block_number	bigint
	hash	string
	type	string
	addresses	string
	value	bigint
	block_timestamp	bigint
	is_coinbase	boolean
	input_count	bigint
	output_count	bigint
	index	bigint
	spent_transaction_hash	string
	spent_output_index	bigint
	script_asm	string
	script_hex	string
	sequence	bigint
	fee	bigint
	amount	bigint
	year	string
	month	string
	day	string

transaction_outputs	block_number	bigint
	hash	string
	block_timestamp	bigint
	is_coinbase	boolean
	input_count	bigint
	output_count	bigint
	index	bigint
	script_asm	string
	script_hex	string
	required_signatures	bigint
	type	string
	addresses	string
	amount	bigint
	value	bigint
	fee	bigint
	year	string
	month	string
	day	string

FIG. 15

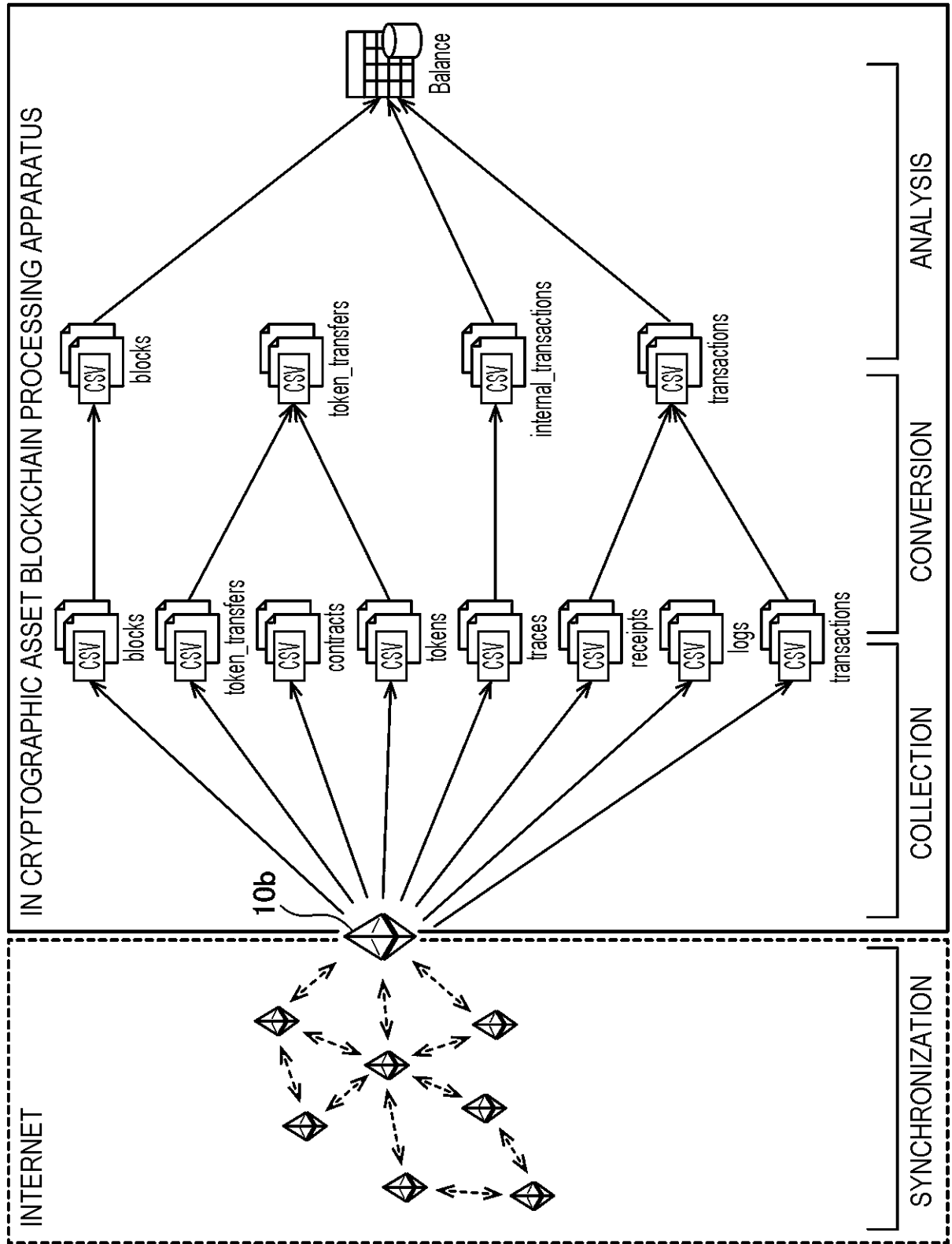


FIG. 16

Level 1

blocks	number	bigint
	hash	string
	parent_hash	string
	nonce	string
	sha3_uncles	string
	logs_bloom	string
	transactions_root	string
	state_root	string
	receipts_root	string
	miner	string
	difficulty	decimal
	total_difficulty	decimal
	size	bigint
	extra_data	string
	gas_limit	bigint
	gas_used	bigint
	timestamp	bigint
	transaction_count	bigint
	start_block	string
	end_block	string



Level 2

blocks	number	bigint
	hash	string
	parent_hash	string
	nonce	string
	sha3_uncles	string
	logs_bloom	string
	transactions_root	string
	state_root	string
	receipts_root	string
	miner	string
	difficulty	bigint
	total_difficulty	bigint
	size	bigint
	extra_data	string
	gas_limit	bigint
	gas_used	bigint
	timestamp	bigint
	transaction_count	bigint
	end_block	bigint
	start_block	bigint
	year	string
	month	string
	day	string

FIG. 17

Level 1

token_transfers	token_address	string
	from_address	string
	to_address	string
	value	decimal(38)
	transaction_hash	string
	log_index	bigint
	block_number	bigint
	start_block	string
	end_block	string

tokens	address	string
	symbol	string
	name	string
	decimals	string
	total_supply	string
	start_block	string
	end_block	string



Level 2

token_transfers	token_address	string
	from_address	string
	to_address	string
	value	decimal(38)
	transaction_hash	string
	log_index	bigint
	block_number	bigint
	symbol	string
	name	string
	decimals	bigint
	total_supply	bigint
	year	string
	month	string
	day	string

FIG. 18

Level 1

traces	block_number	string
	transaction_hash	string
	transaction_index	string
	from_address	string
	to_address	string
	value	string
	input	string
	output	string
	trace_type	string
	call_type	string
	reward_type	string
	gas	string
	gas_used	string
	subtraces	string
	trace_address	string
	error	string
	start_block	string
	end_block	string



Level 2

internal_transactions	block_number	bigint
	transaction_hash	string
	transaction_index	bigint
	from_address	string
	to_address	string
	value	decimal(38,0)
	input	string
	output	string
	trace_type	string
	call_type	string
	reward_type	string
	gas	decimal(38,0)
	gas_used	decimal(38,0)
	subtraces	bigint
	trace_address	string
	error	string
	status	bigint
	timestamp	bigint
	year	string
	month	string
	day	string

FIG. 19

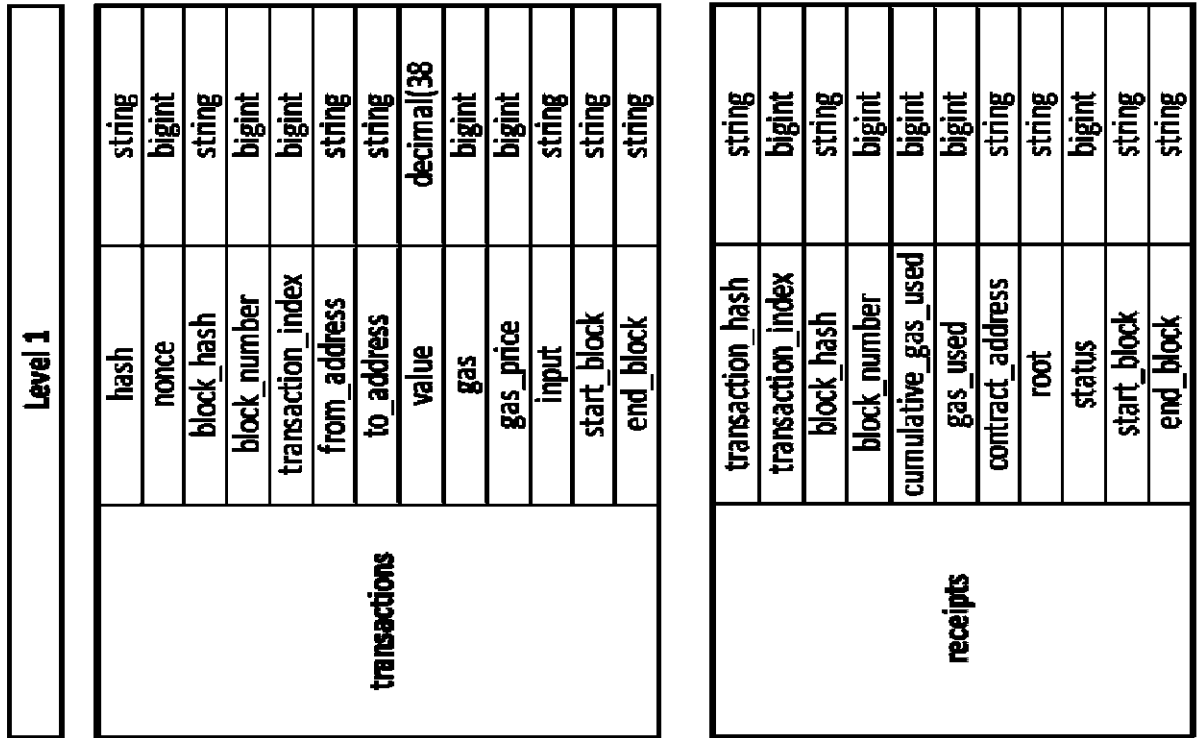


FIG. 20

Level 1

contracts	address	string
	bytecode	string
	function_sighashes	string
	is_erc20	boolean
	is_erc721	boolean
	start_block	string
	end_block	string

logs	log_index	bigint
	transaction_hash	string
	transaction_index	bigint
	block_hash	string
	block_number	bigint
	address	string
	data	string
	topics	string
	start_block	string
	end_block	string

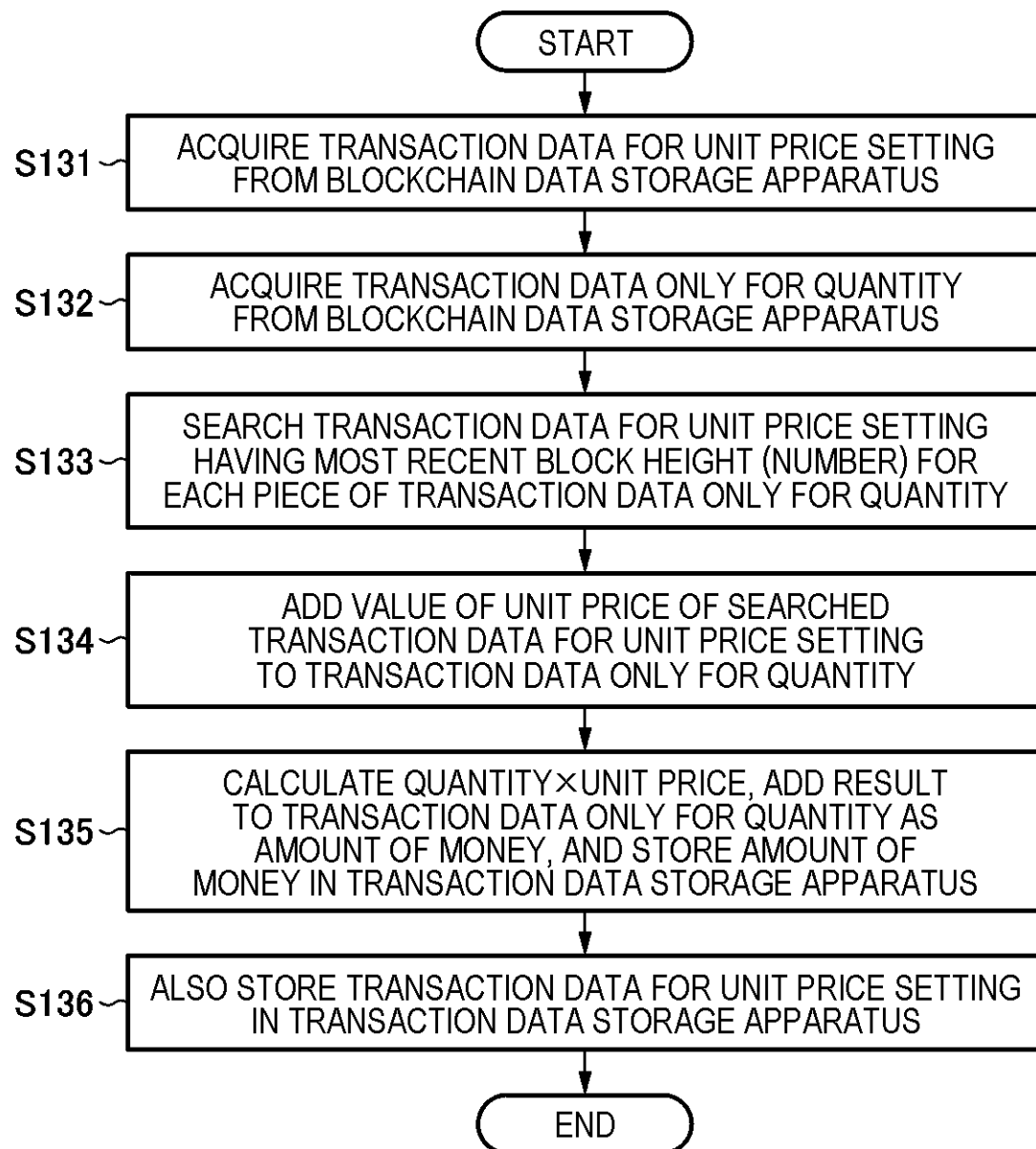
FIG. 21

FIG. 22

	BLOCK HEIGHT	GENERATED TRANSACTION	UNIT PRICE	QUANTITY
A	500	UNIT PRICE SETTING TRANSACTION (TARGET TOKEN: A)	50	
B	510	REMITTANCE TRANSACTION (TARGET TOKEN: A)		10
C	520	UNIT PRICE SETTING TRANSACTION (TARGET TOKEN: A)	100	
D	530	REMITTANCE TRANSACTION (TARGET TOKEN: A)		10
E	540	UNIT PRICE SETTING TRANSACTION (TARGET TOKEN: A)	105	
F	541	UNIT PRICE SETTING TRANSACTION (TARGET TOKEN: A)	110	
G	550	REMITTANCE TRANSACTION (TARGET TOKEN: A)		20

FIG. 23

	BLOCK HEIGHT		UNIT PRICE	QUANTITY	AMOUNT OF MONEY
A	500	UNIT PRICE SETTING TRANSACTION (TARGET TOKEN: A)	50		
B	510	REMITTANCE TRANSACTION (TARGET TOKEN: A)	50	10	500
C	520	UNIT PRICE SETTING TRANSACTION (TARGET TOKEN: A)	100		
D	530	REMITTANCE TRANSACTION (TARGET TOKEN: A)	100	10	1000
E	540	UNIT PRICE SETTING TRANSACTION (TARGET TOKEN: A)	105		
F	541	UNIT PRICE SETTING TRANSACTION (TARGET TOKEN: A)	110		
G	550	REMITTANCE TRANSACTION (TARGET TOKEN: A)	110	20	2200

FIG. 24

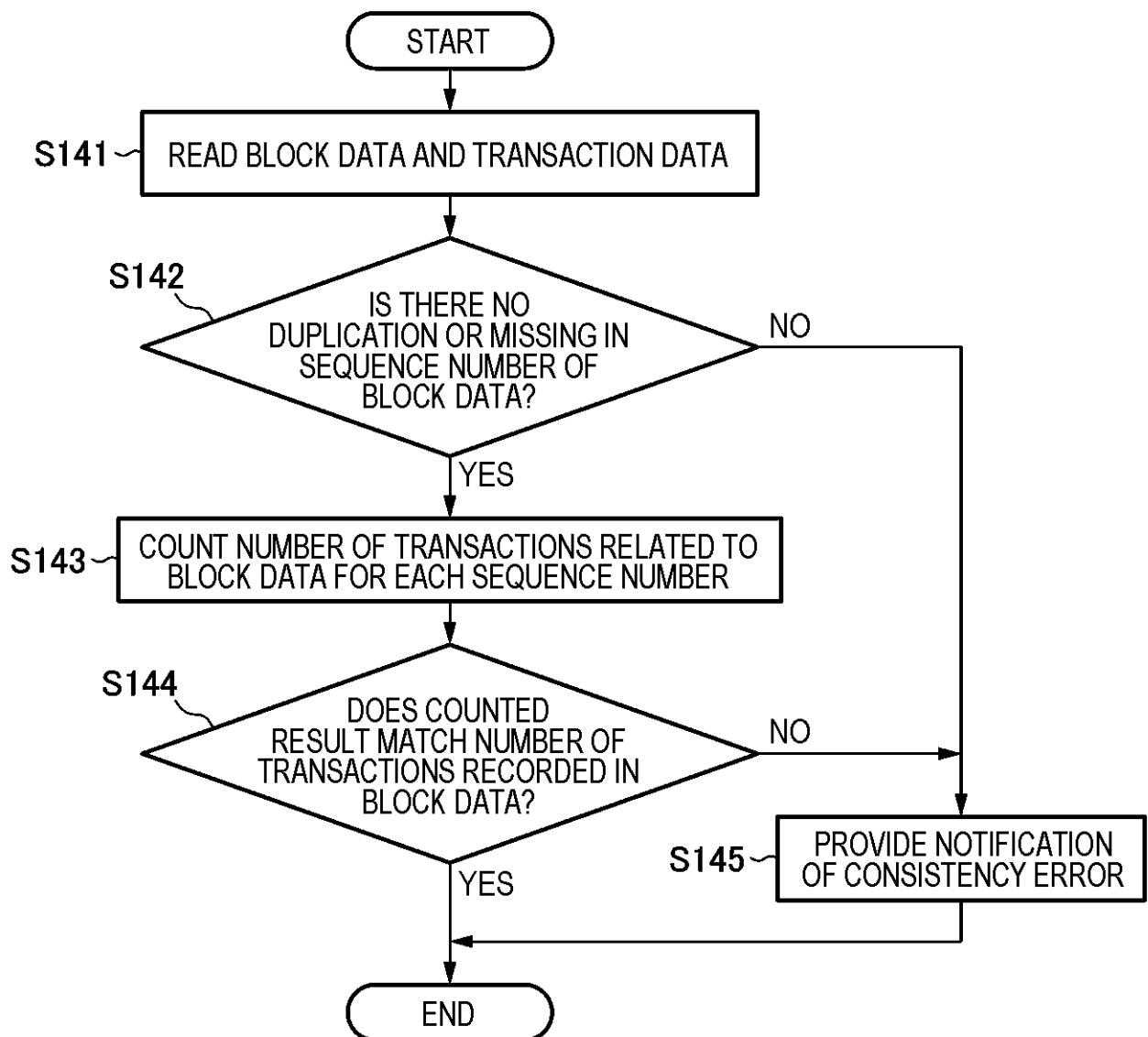


FIG. 25

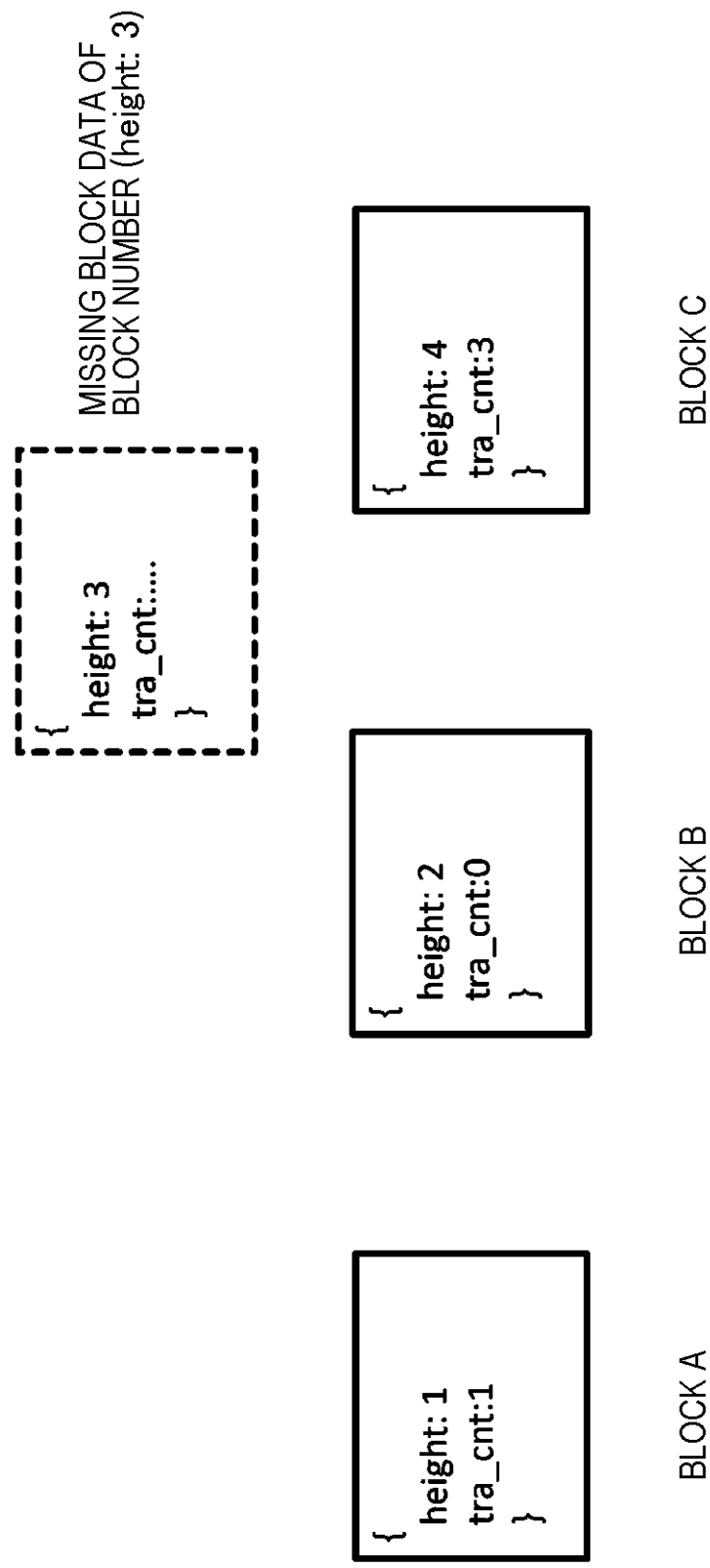
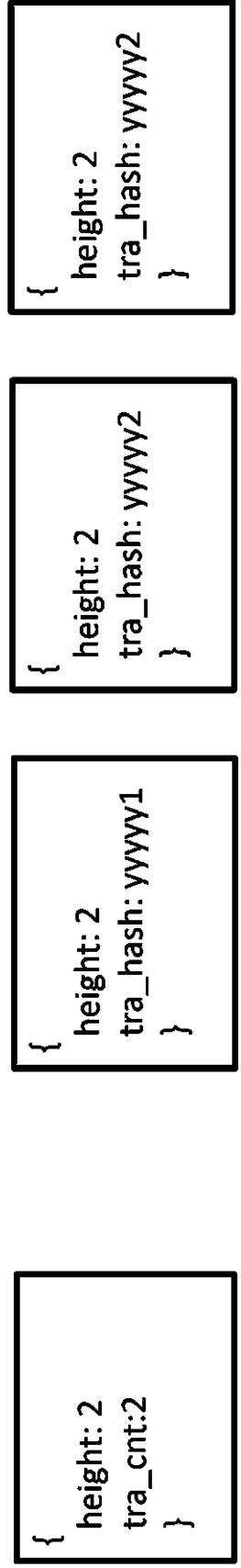


FIG. 26

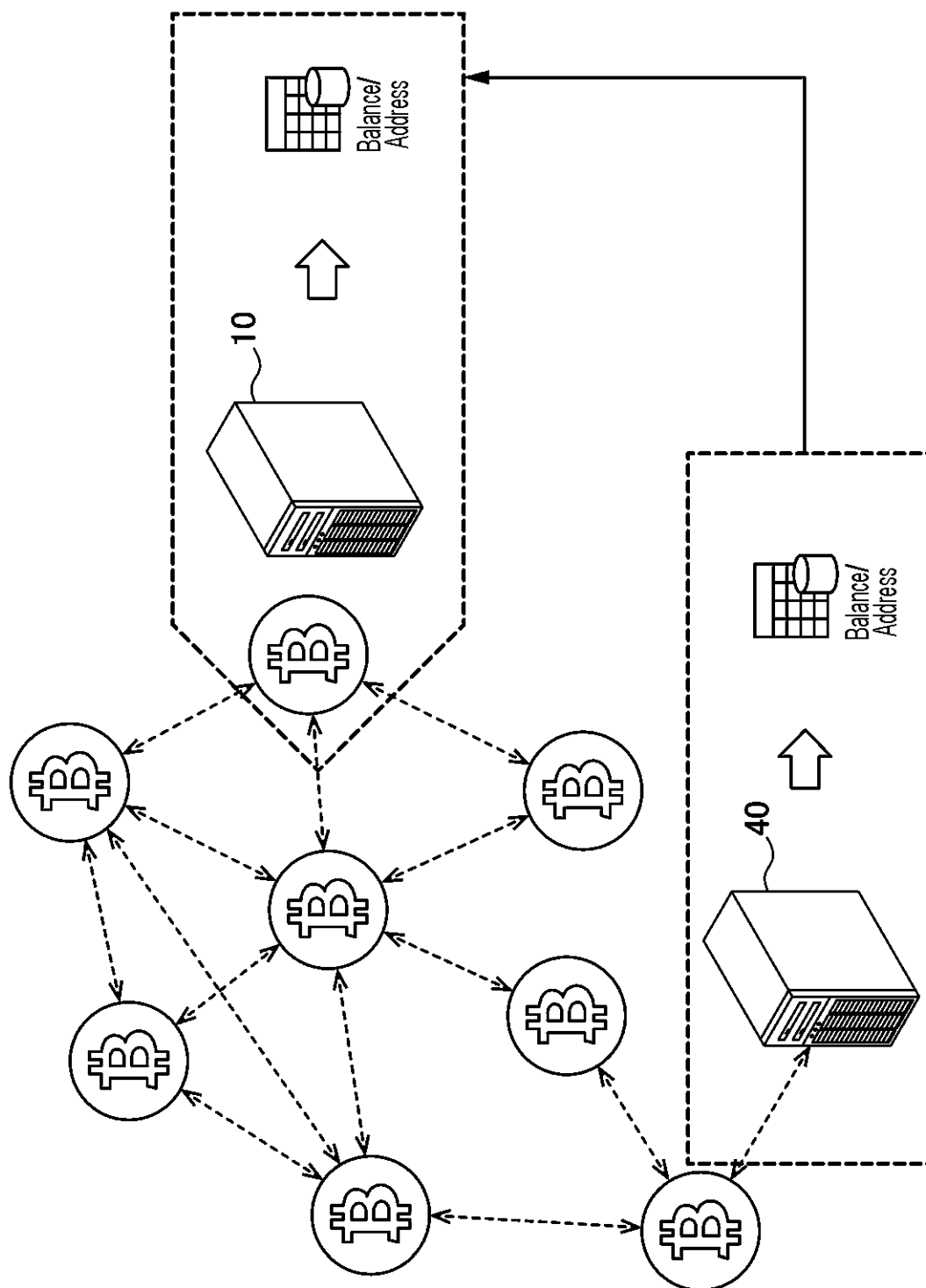
DUPLICATED TRANSACTION DATA



BLOCK DATA

NUMBER OF TRANSACTIONS IN BLOCK (tra_cnt) 2 < NUMBER OF HASHES OF TRANSACTIONS 3

FIG. 27



*FIG. 28***Docker Version Detail****Table of contents**

- Overall Summary Report
 - Currencies whose docker image is based on Github
 - Currencies whose docker image is based on Dockerhub

Overall Summary Report**Currencies whose docker image is based on Github**

Currency Name	Current Version (in CAPP2)	Current Version Date (in CAPP2)	Latest Version (in Github)	Latest Version Date (in Github)	Need To Upgrade?	Reference	Remarks
Bitcoin	v0.18.0 (Bitcoin Core 0.18.0)	2019-04-30	v0.19.1 (Bitcoin Core 0.19.1)	2020-03-04	True	Release detail	
BitcoinCash	v0.19.9 (0.19.9)	2019-06-27	v0.21.5 (0.21.5)	2020-04-23	True	Release detail	
Litecoin	v0.17.1 (Litecoin Core v0.17.1)	2019-04-30	v0.17.1 (Litecoin Core v0.17.1)	2019-04-30	False	Release detail	
Ethereum / Ethereum Classic	v2.4.9 (Parity Ethereum 2.4.9-stable)	2019-07-01	v3.0.0-alpha.1 (Initial OpenEthereum release)	2020-04-01	True	Release detail	
Nem	v0.6.97	Not Available	v0.6.97	Not Available	False	Release detail	