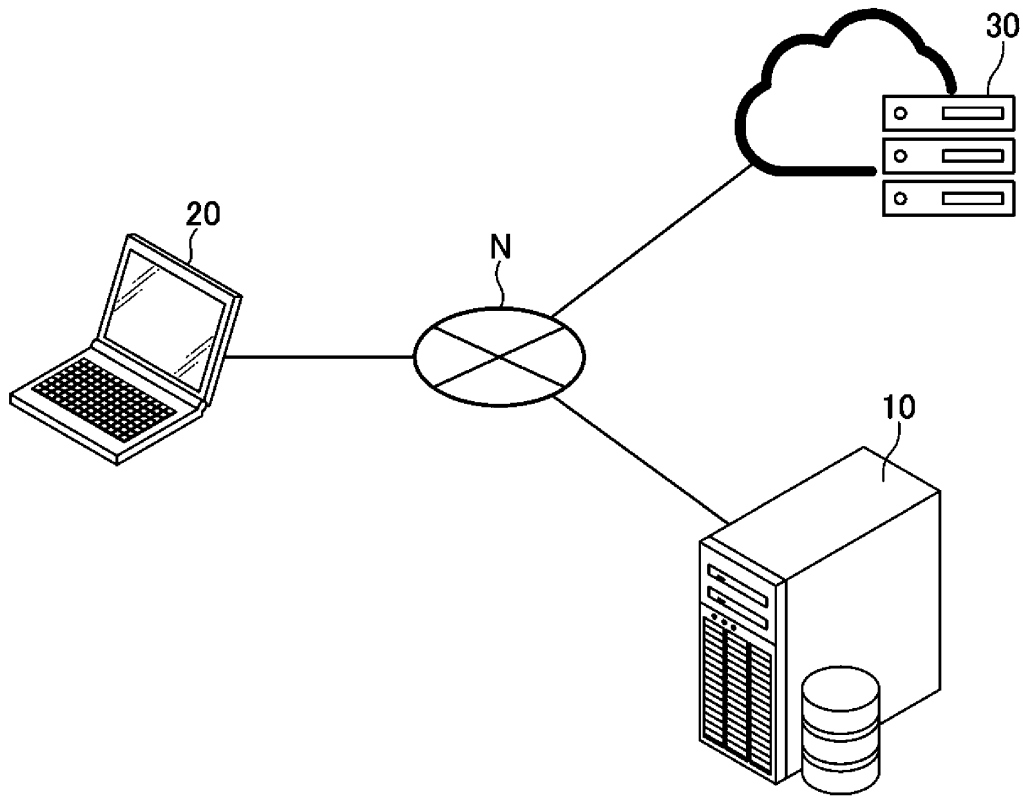


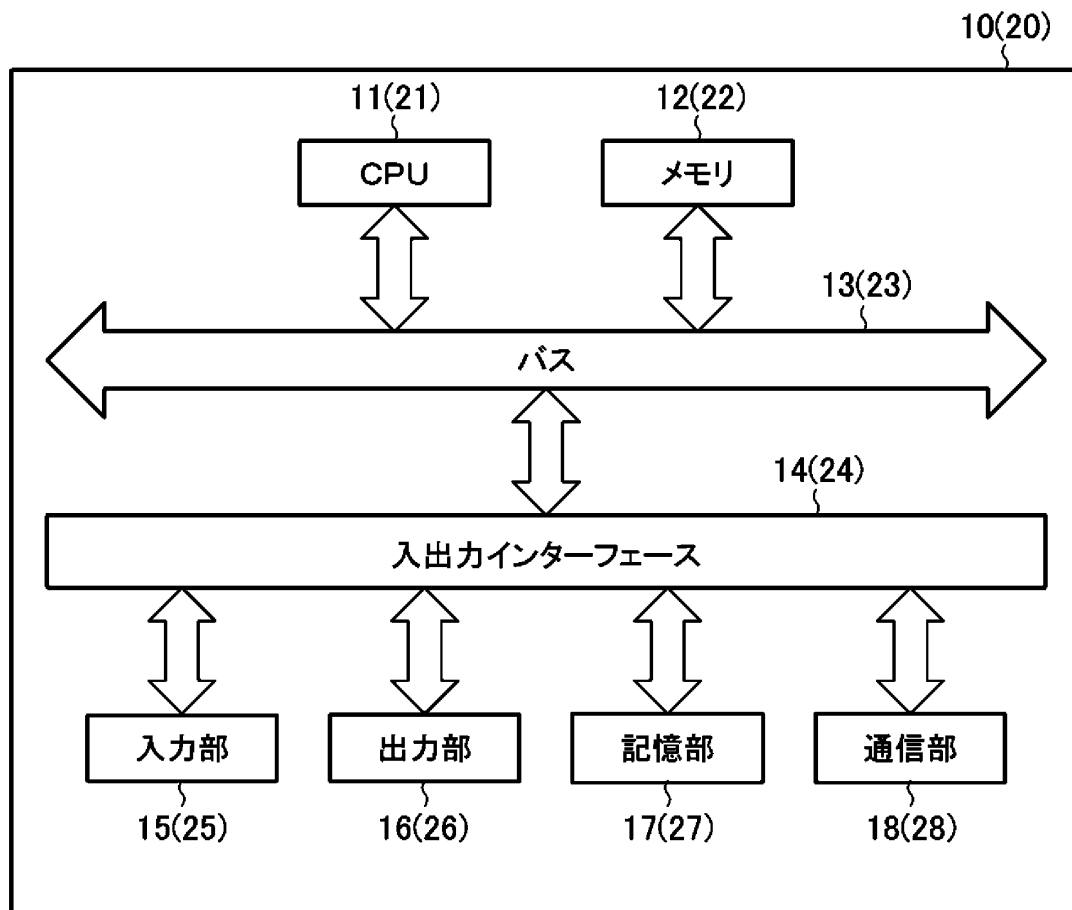
[図1]

FIG.1



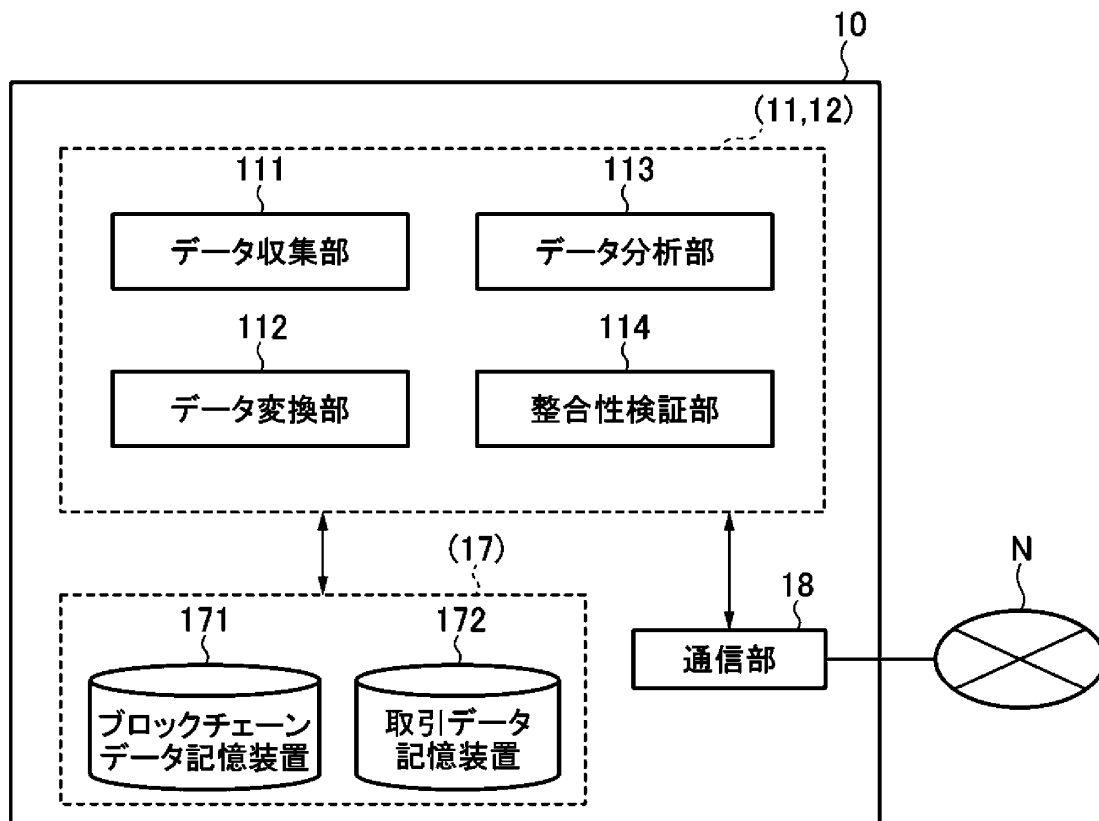
[図2]

FIG.2



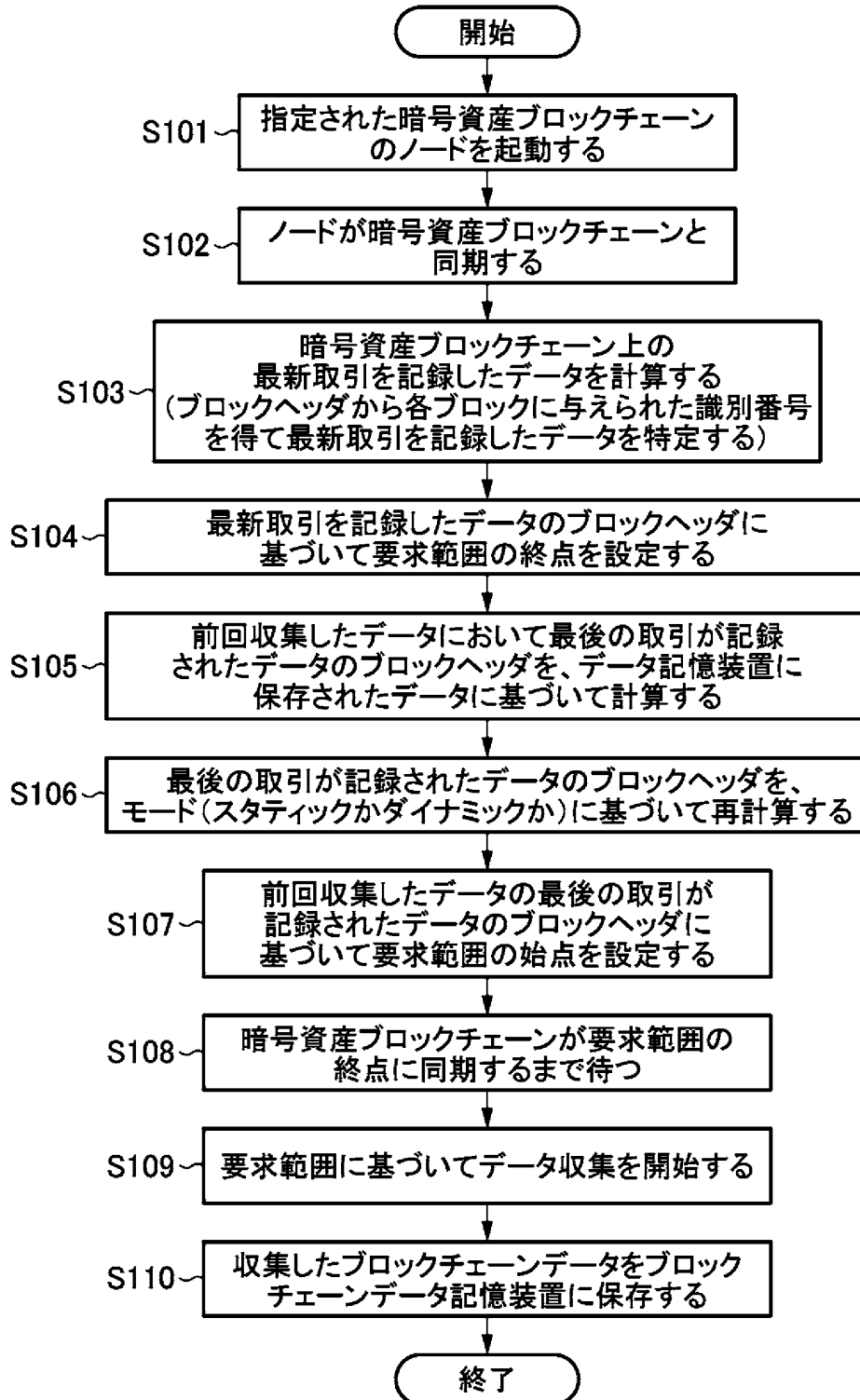
[図3]

FIG.3



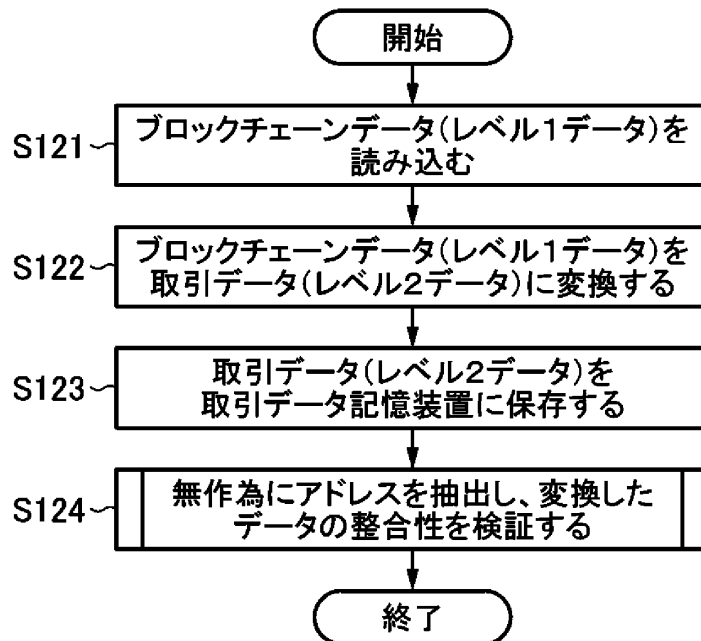
[図4]

FIG.4



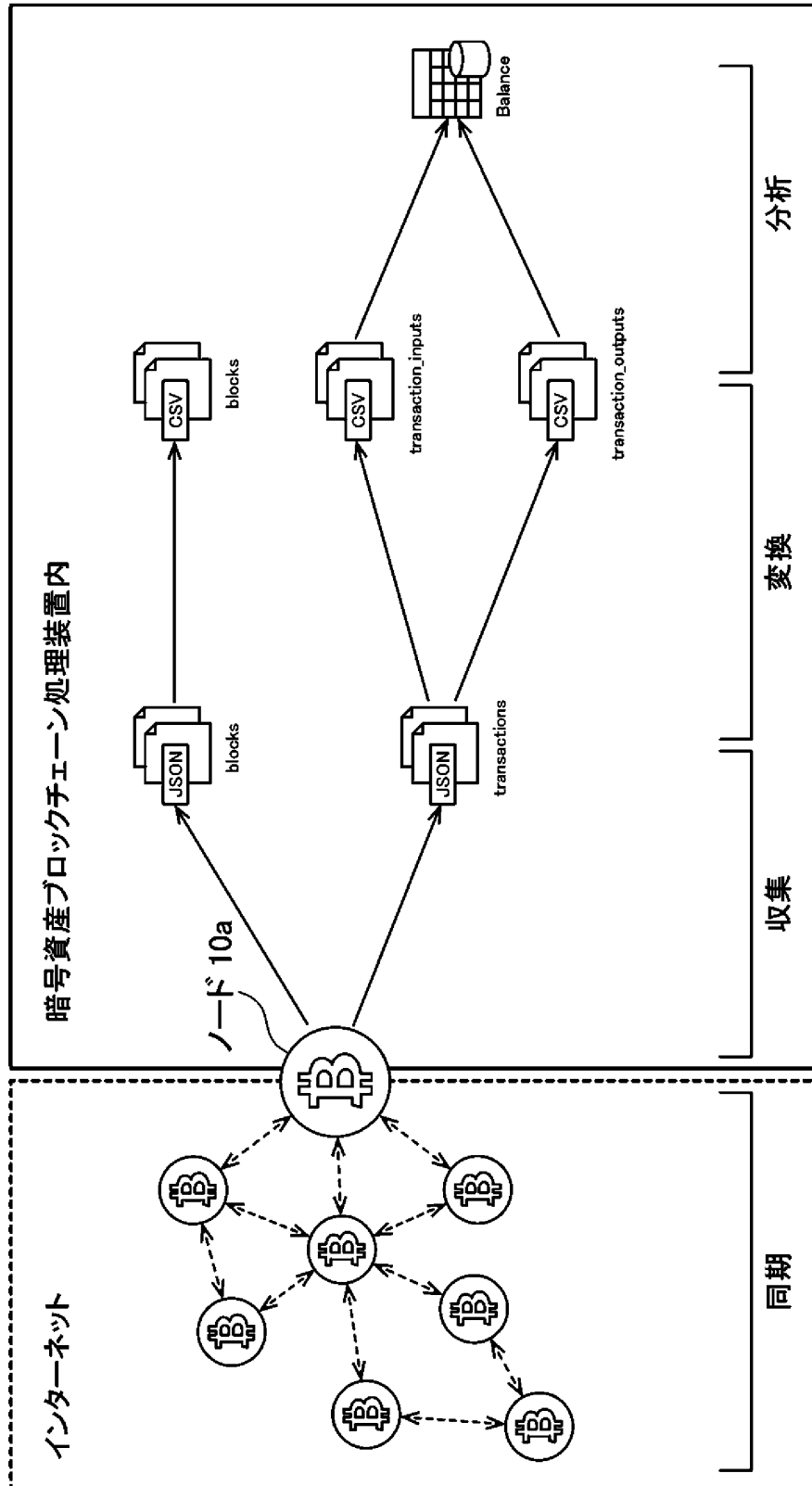
[図5]

FIG.5



[図6]

FIG.6



[图7]

[illegible]

8
G
L

Q- 00000000002862a0885ec35cd86b8d95b1e1c0ba182845198b2a5b904d1dfb3c

Done < > Replace

```
{
  "hash": "000000000001e0741097bcababe3f20c071dd19d1adffac7e229a442cd334d8b5",
  "stripped_size": 217,
  "weight": 868,
  "number": 80230,
  "version": 1,
  "merkle_root": "379599555bddc3624c19ca0a8f3398f75eba3807be5542ed227f297e50dcd54",
  "timestamp": 1284706088,
  "nonce": "2b45c236",
  "bits": "1b5bede6",
  "coinbase_param": "04e6ed5b1b03f7bd00",
  "transaction_count": 1
}

{"hash": "00000000001825a0f04df075db5196666d33c725c84723b00176221fc745c3e9",
  "stripped_size": 216,
  "weight": 864,
  "number": 80233,
  "version": 1,
  "merkle_root": "937c4b7338e4add266c7d2b6fffbf8bdc879e293a240dcd19a1ba43a18b5ee71f",
  "timestamp": 1284706848,
  "nonce": "37fb6a0b",
  "bits": "1b5bede6",
  "coinbase_param": "04e6ed5b1b02f908",
  "transaction_count": 1
}

{"hash": "00000000002862a0885ec35cd86b8d95b1e1c0ba182845198b2a5b904d1dfb3e",
  "stripped_size": 473,
  "weight": 1892,
  "number": 80234,
  "version": 1,
  "merkle_root": "729dff922569517e33b6f0e72ea567e53155df30736ef8625e25cf5123c0af68",
  "timestamp": 1284707604,
  "nonce": "122e0a2",
  "bits": "1b5bede6",
  "coinbase_param": "04e6ed5b1b021c01",
  "transaction_count": 2
}

{"hash": "0000000000042c1b07b521f025e8b1ab636084e080f7871f734beb046e1719929",
  "stripped_size": 216,
  "weight": 864,
  "number": 80235,
  "version": 1,
  "merkle_root": "f4d12deb7c3456028c85407a7d90b6d2a203eb4c6e07fec37ff1c6066ffcf8c6",
  "timestamp": 1284707996,
  "nonce": "4837361e",
  "bits": "1b5bede6",
  "coinbase_param": "04e6ed5b1b02e70d",
  "transaction_count": 1
}

{"hash": "0000000000052b86d93f93b151b28c0518d58c7f7e7c578c8111580a8e5c027ff",
  "stripped_size": 216,
  "weight": 864,
  "number": 80232,
  "version": 1,
  "merkle_root": "7511666de877fe19d541d64c74e49d1440762c1b10f1243af2782191643ef887",
  "timestamp": 1284706737,
  "nonce": "11c51c26",
  "bits": "1b5bede6",
  "coinbase_param": "04e6ed5b1b028800",
  "transaction_count": 1
}

{"hash": "00000000002ea66f7b74ae6c25d77280bf4b761feba53e8e67802e4ac36520e1",
  "stripped_size": 733,
  "weight": 2932,
  "number": 80237,
  "version": 1,
  "merkle_root":
```

[図9]

FIG.9

General info

Hash(txid)bfab06e145dabc5f4ba6445bd1b0ce78109d433177e5971ef5dcd86857d8c669

Block id80234560210 confirmation

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

PDF receipt

Input total86.70000000 BTCOutput total86.70000000 BTC

Fee0.00000000 BTCFee per byte0 satoshi

Replace-by-fee(RBF)enabled?NONoFee per vbyte0 satoshi

Technical details

Input count/Output count1/2

Size257

Coindays destroyed0.00

For developersAPI docs6dRaw tx

Alternative explorersBTC

Click to see more

Senders

← 86.70000000 BTC1FUxxito725tgkqXkvDZ7Rba5TokoA1J1

16ia5BU9YuEeYhwAY9iueDnozfxsVSemhY

Recipients

1G59hhQV6yqt2HtrBduky2wTeRCMIE4R8m86.65000000 BTC→

0.05000000 BTC→

[図10]

FIG.10

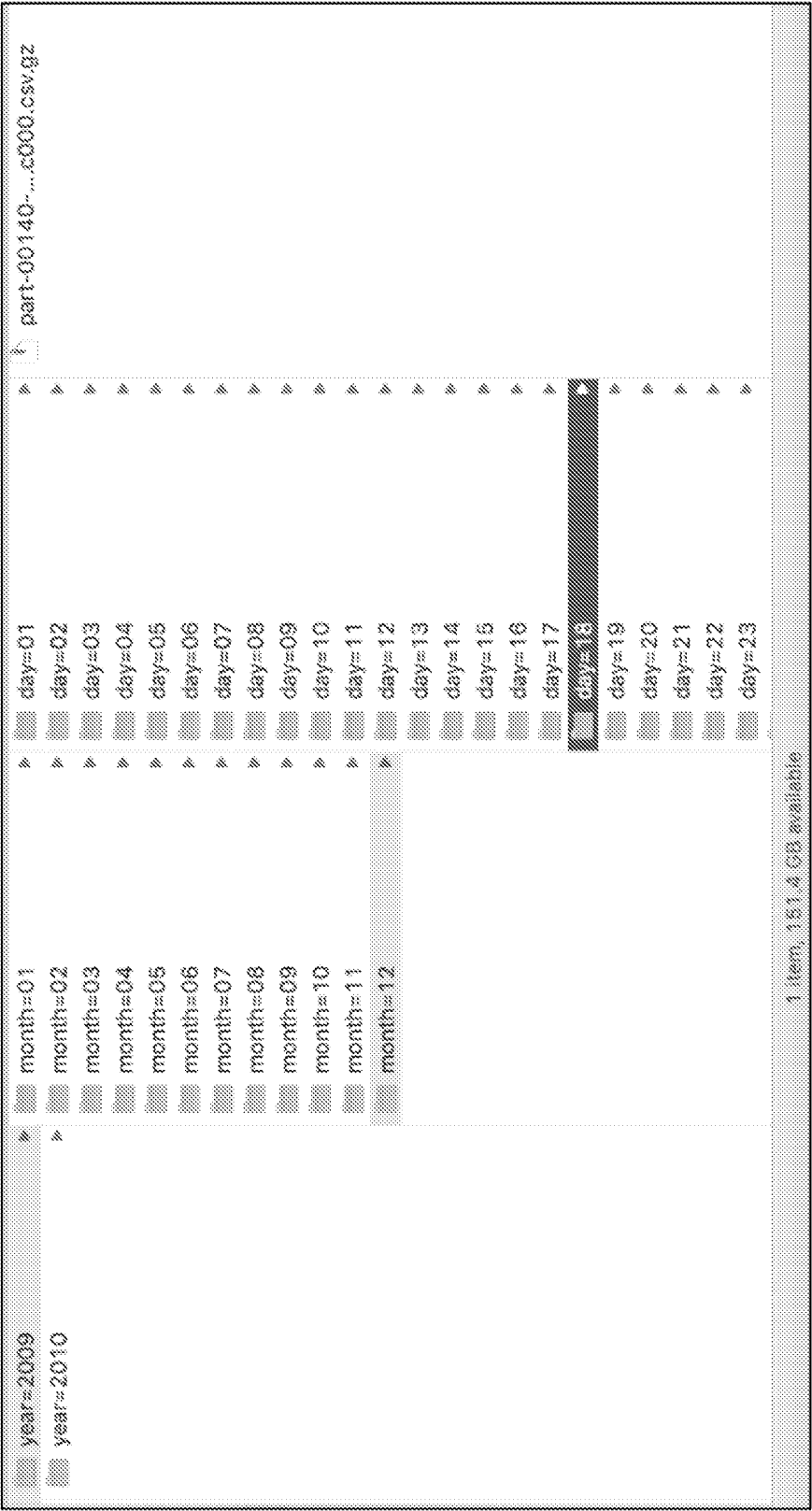
```

"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":
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1284707604, "is_coinbase": false, "inputs": [{"index": 0, "spent_transaction_hash":
"3f179e6f567b8e78d03bd743a85587a47e3173514fb6596a0fce6133ae4243c3", "spent_output_index":
0, "script_asm":
"304402205445ebe8df3b6add34d70af43505c8707fb5fe36e1ecde93c9e3fbe4107e702022054647f3ff7a47
36adb5249d5e38113b91d980d8f322acdab86bdc6ba148bdd6[ALL]
04929cfa65c3ce7ba5bb3826cb3958046765f67f225e6674732090eee355e26fef1a409e6345be4845d1ea0a0
23675246153265c3b1a80ce6073bdc8f371f95d", "script_hex":
"47304402205445ebe8df3b6add34d70af43505c8707fb5fe36e1ecde93c9e3fbe4107e702022054647f3ff7a
4736adb5249d5e38113b91d980d8f322acdab86bdc6ba148bdd6014104929cfa65c3ce7ba5bb3826cb3958046
765f67f225e6674732090eee355e26fef1a409e6345be4845d1ea0a023675246153265c3b1a80ce6073bdc8f
371f95d", "sequence": 4294967295, "required_signatures": null, "type": null, "addresses":
[], "value": null}, {"outputs": [{"index": 0, "script_asm": "OP_DUP OP_HASH160
a552d07bcac0ca4597fe12eb76a06c117d2f6d4 OP_EQUALVERIFY OP_CHECKSIG", "script_hex":
"76a914a552d07bcac0ca4597fe12eb76a06c117d2f6d488ac", "required_signatures": 1, "type":
"pubkeyhash", "addresses": ["1G59hhQV6yqt2Htr8duky2wTeRCMjE4R8m"], "value": 8665000000},
{"index": 1, "script_asm": "OP_DUP OP_HASH160 3eb54a604fb996715ab86da179984a6673dc0643
OP_EQUALVERIFY OP_CHECKSIG", "script_hex":
"76a9143eb54a604fb996715ab86da179984a6673dc064388ac", "required_signatures": 1, "type":
"pubkeyhash", "addresses": ["16ia58U9yueEYhwaY9iueDnozfxSVSemhy"], "value": 5000000}],
"input_count": 1, "output_count": 2, "input_value": 0, "output_value": 8670000000, "fee":
-8670000000}
{"hash": "f4d12deb7c3456028c85407a7d90b6d2a203eb4c6e07fec37ff1c6066ffcf8c6", "size": 135,
"virtual_size": 135, "version": 1, "lock_time": 0, "block_number": 80235, "block_hash":
"00000000042c1b07b521f025e8b1ab636084e080f7871f734beb046e1719929", "block_timestamp":
1284707606, "is_coinbase": false, "inputs": [{"index": 0, "script_asm":

```

[図11]

FIG.11



[図12]

FIG.12

part-00140-71b80e44-ecb8-414a-b61c-4						
hash	size	stripped	size	weight	number	version
00000000e5a226a318de959aac21331019f0762177de195538f11adcc7f7ce9e8	215	215	215	860	30097	1
00000000d29433facc540e09e0c7167cd9a7b5a95f6ce2a5e090977ce7e5b	215	215	215	860	30098	1
00000000724815dea58b985565de7cae13b7e223045c1aa789b64223b6b6d31	215	215	215	860	30099	1
000000003038efdd423b6ab270e19b772a7e02e36ec612a7299f3e81d8258eda09	216	216	216	864	30101	1
00000000982e62cf373fd7b4f2982e0db1d00ac87733498cbbf78ec7adcc88c0	216	216	216	864	30100	1
000000007780b80f077a0f8ce9579ca89b7527c4fb9e9cbb2d771b50b55c0a	215	215	215	860	30102	1
0000000009c0e6f37f6483c311442c7e12816249c1e482f4a58ec8e80ff5777	1369	1369	1369	5476	30104	1
0000000059eff7fc340f907de0404948de7609dc116143c9a606dca414b9bf	215	215	215	860	30103	1
00000000212609ae885ec7630c10b0d64cb948b46a8e21951e466cacfb8592	215	215	215	860	30105	1
000000000d3b3c918bdcfb8c528b864bb0cbb2a275ce7535e4edbe8a212234	216	216	216	864	30110	1
00000000317275fa512ccef94c0dd4bc9c93415486cef9243d295ab09022a5	215	215	215	860	30108	1
000000006186d1904281eaa09692cb46b343fc8409b36322d589855e8a100aa	215	215	215	860	30107	1
00000000f00c62756f0ee0a70b29f88ebda520cf2c6d0837d7729698ab4061	216	216	216	864	30108	1
00000000b408edbb7db8405c8186b712305597ef6edebae6dcd43f537e868c6c7	215	215	215	860	30106	1
000000005ff8b28a6253d03363a2483bc43496bab617218555063ee73ecd958	216	216	216	864	30111	1
00000000e1e1153b6abcb82e7881b5d011402e47accad6afec352b7fa18fcb85d	215	215	215	860	30113	1
00000000b40b0bd048c2f8f02f6ee57e630eae40aba12489453a900d4aa7b31	215	215	215	860	30112	1
000000004ac366d75faec3d738a38f6a5e19f2fd2aad86a1a870174665b1aad4	215	215	215	860	30114	1
000000002c6e0a71015579a8c1338690134a4e7c29f9a5e656d8c0ffc646b030	215	215	215	860	30118	1
000000002dbb46a15c3db99b4275853c8b81f3b8fb4b85b01f3c380ec8f0226	215	215	215	860	30115	1
00000000721e881368f0995df156369f835f8d40b020ac68035792347406287	216	216	216	864	30120	1
000000008c8474448de83fcbf4d4c4e740f622300aca4c8e43d7189639d04c0	216	216	216	864	30117	1
0000000018254763a60a4e0357c91c250b65cb11bae03e575d3b286dc30df4d6	215	215	215	860	30116	1

FIG.13

[図13]

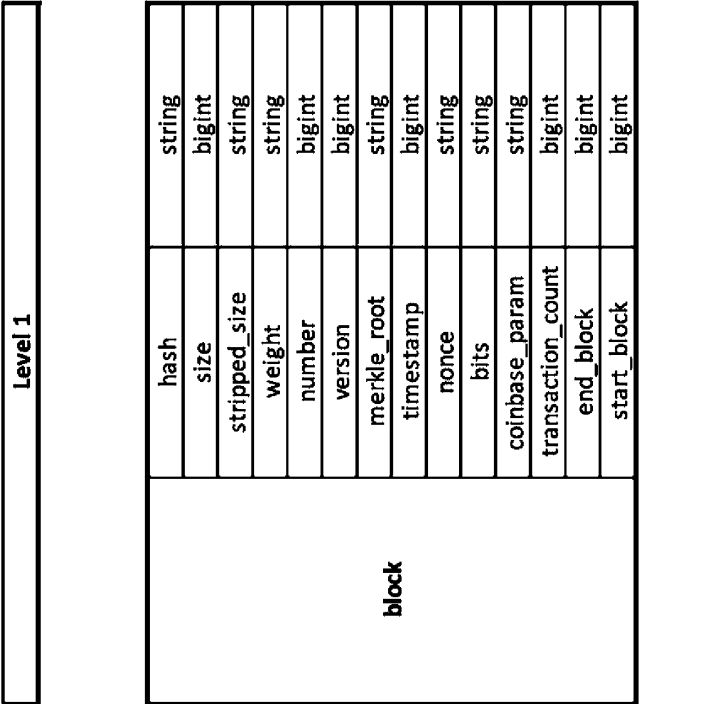


FIG.14

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



[14]

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

[図15]

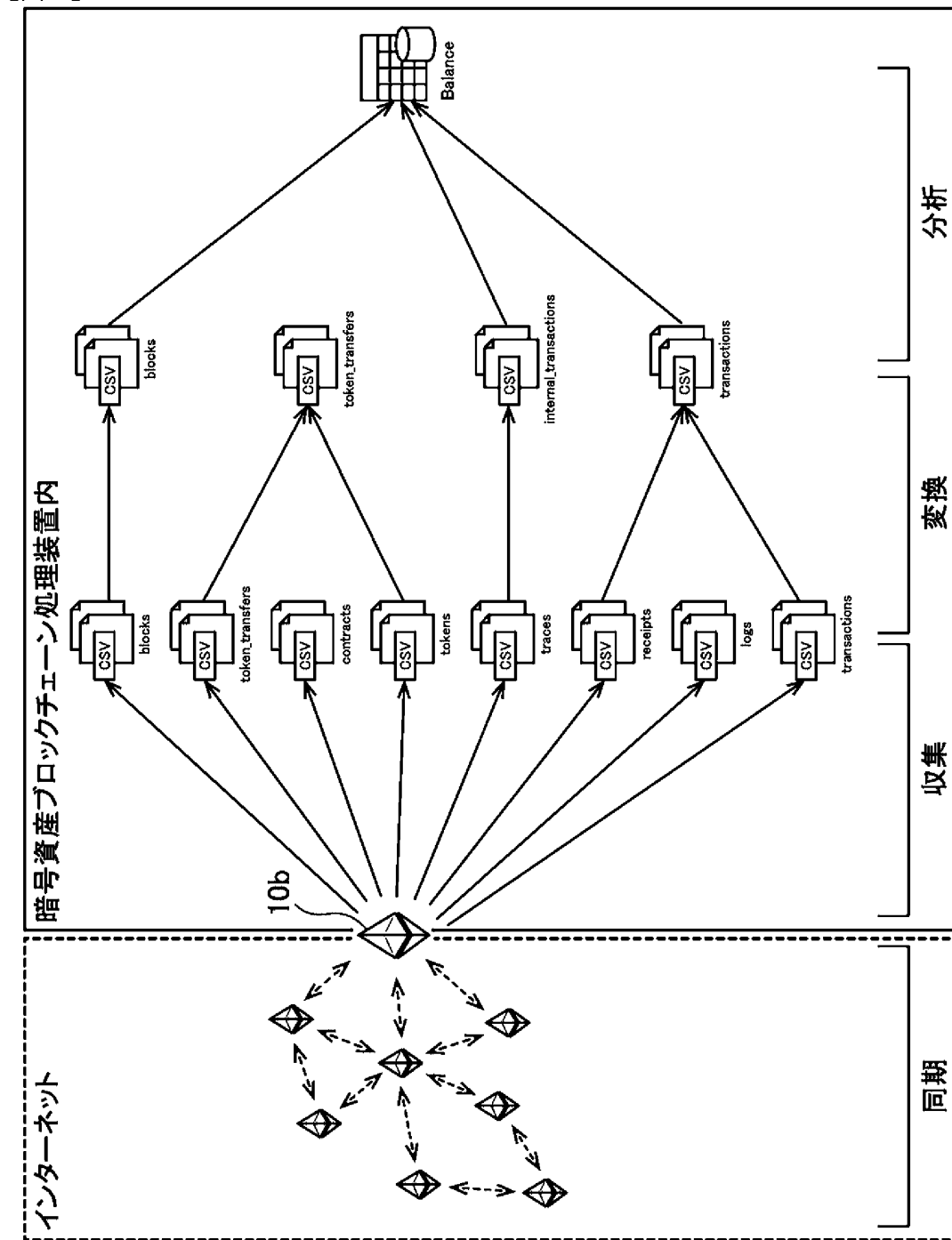
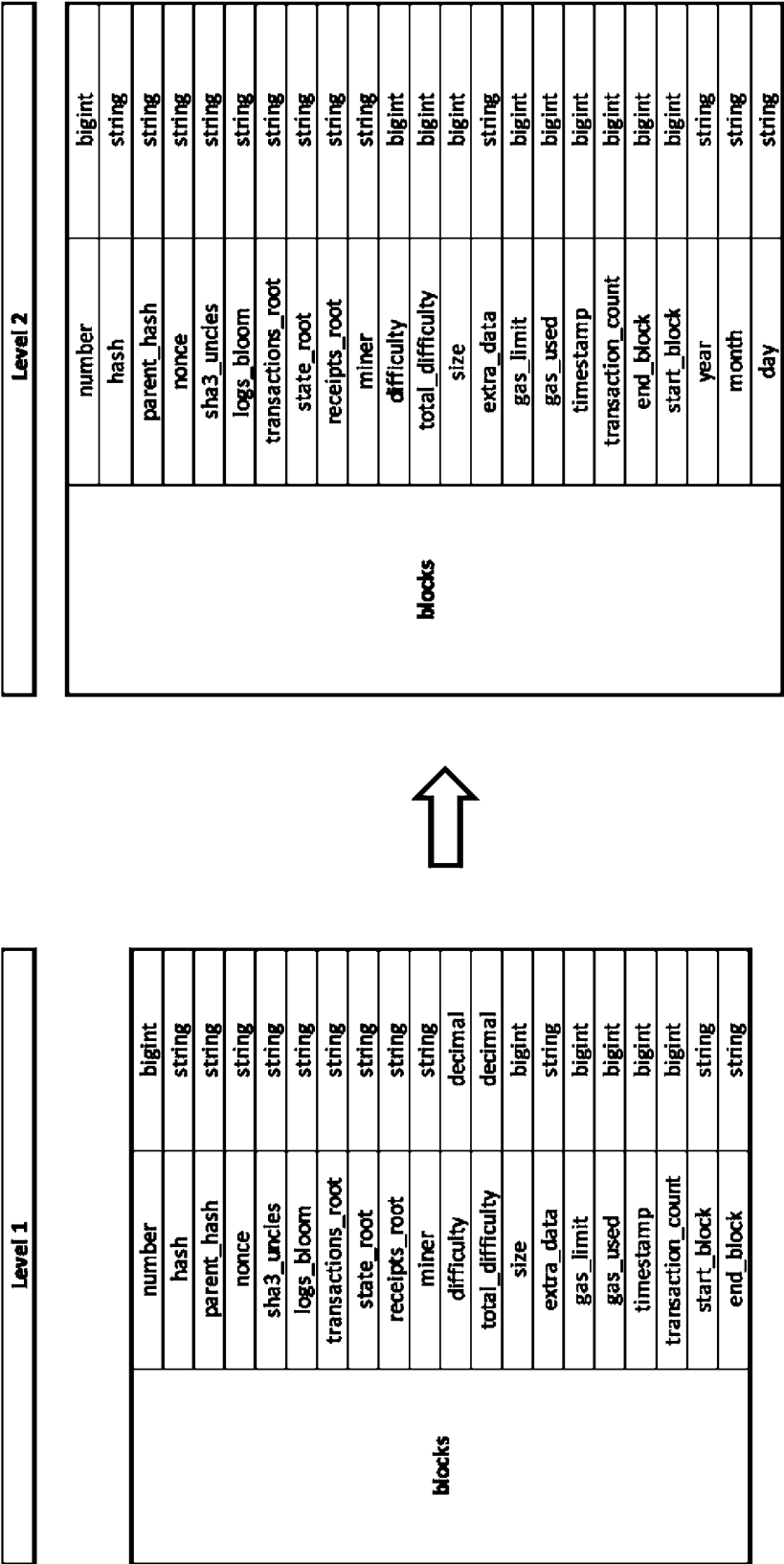


FIG.15

[図16]

FIG.16



[図17]

FIG.17

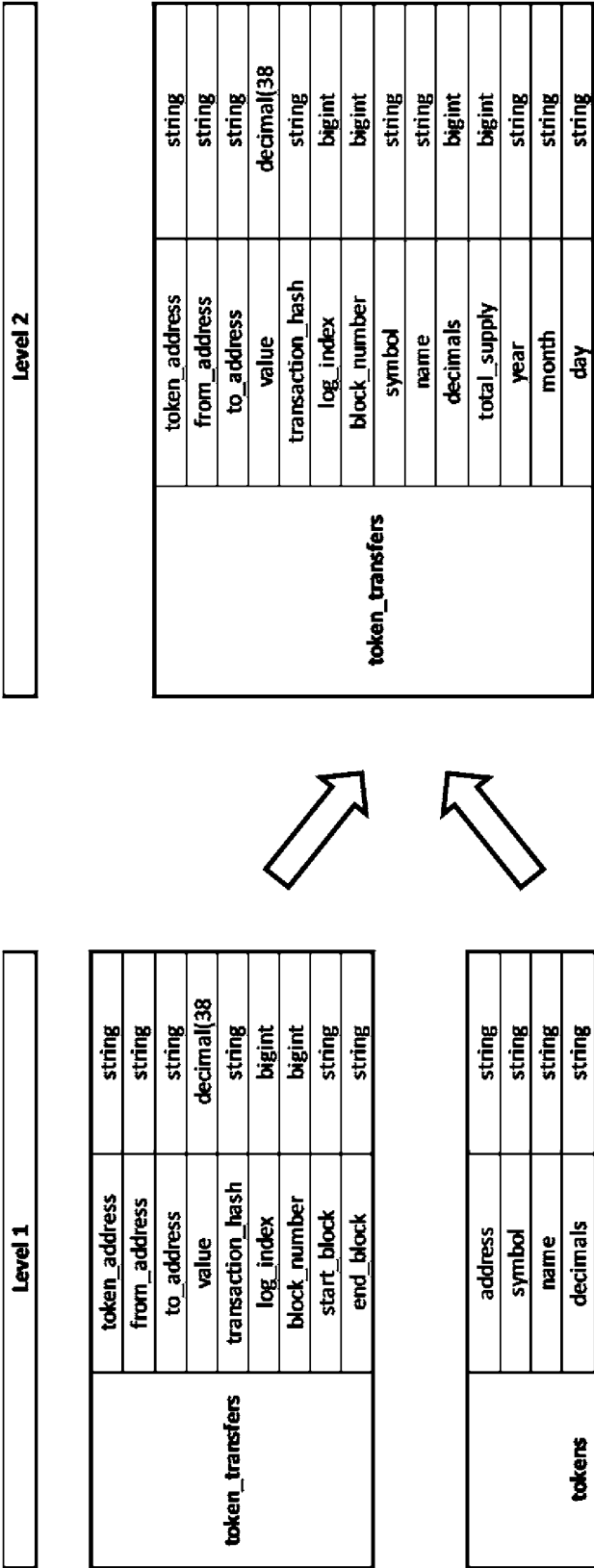


FIG.18

[図18]

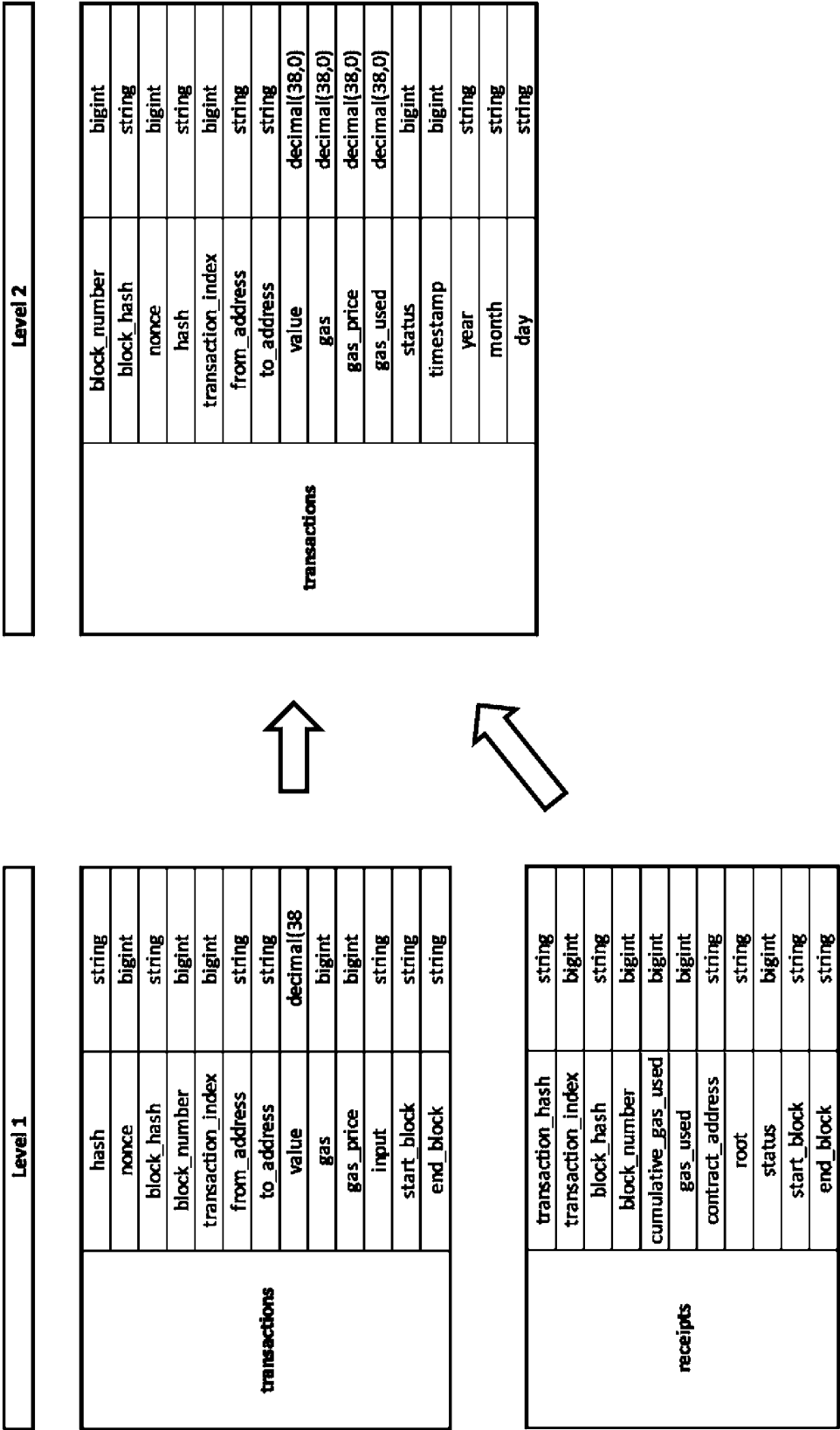
Level 1		
traces	block_number	string
	transaction_hash	string
	transaction_index	string
	from_address	string
	to_address	string
	value	string
	input	string
	output	string
	trace_type	string
	call_type	string
	reward_type	string
	gas	string
	gas_used	string
	subtraces	string
	trace_address	string
	error	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

[図19]

FIG.19



[図20]

FIG.20

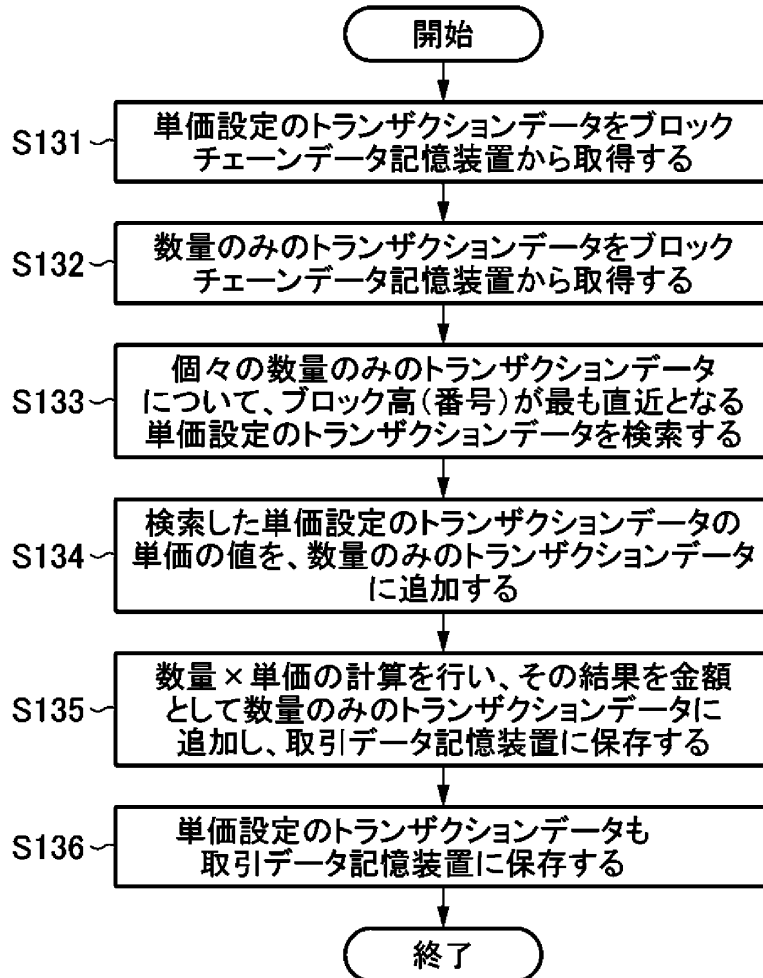
Level 1

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

[図21]

FIG.21



[図22]

FIG.22

	ブロック高	発生トランザクション	単価	数量
A	500	単価設定トランザクション(対象トークン:A)	50	
B	510	送金トランザクション(対象トークン:A)		10
C	520	単価設定トランザクション(対象トークン:A)	100	
D	530	送金トランザクション(対象トークン:A)		10
E	540	単価設定トランザクション(対象トークン:A)	105	
F	541	単価設定トランザクション(対象トークン:A)	110	
G	550	送金トランザクション(対象トークン:A)		20

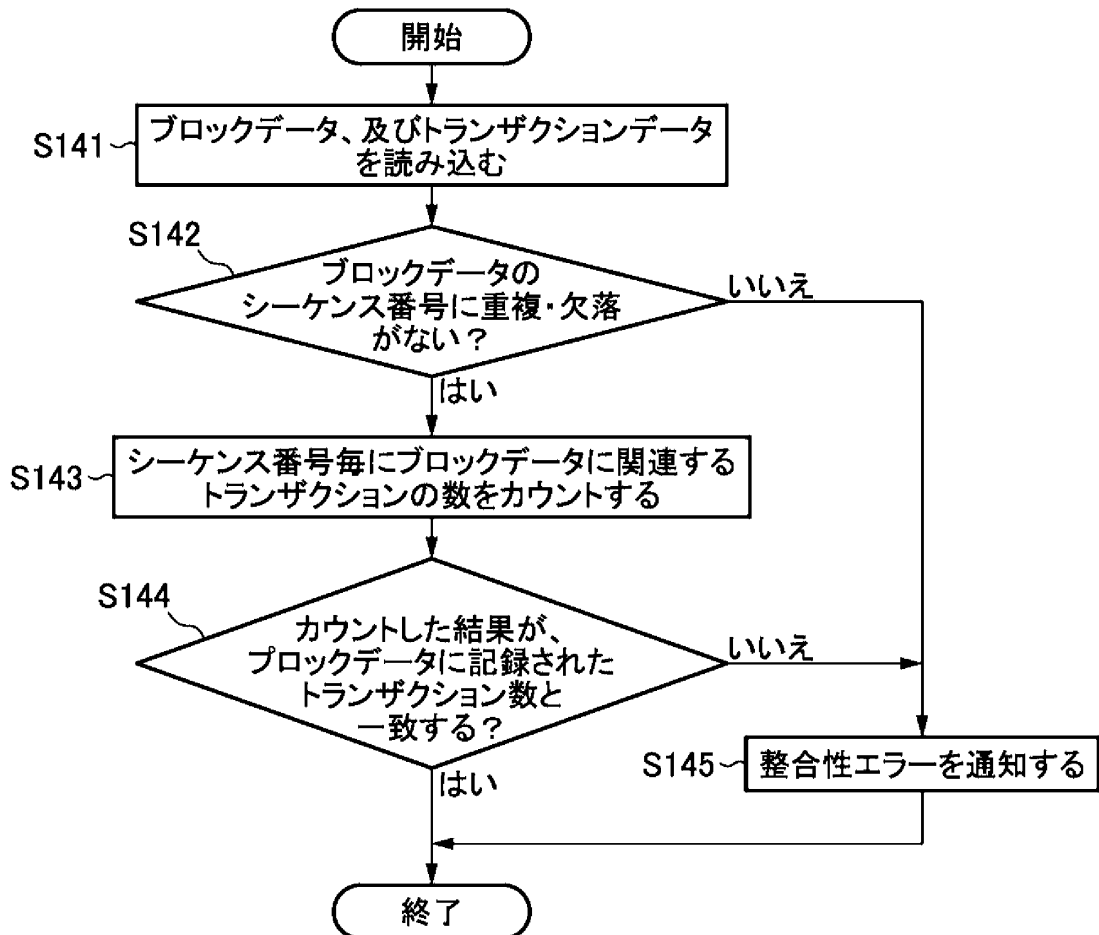
[図23]

FIG.23

	ブロック高			単価	数量	金額
A	500		単価設定トランザクション(対象トークン:A)	50		
B	510		送金トランザクション(対象トークン:A)	50	10	500
C	520		単価設定トランザクション(対象トークン:A)	100		
D	530		送金トランザクション(対象トークン:A)	100	10	1000
E	540		単価設定トランザクション(対象トークン:A)	105		
F	541		単価設定トランザクション(対象トークン:A)	110		
G	550		送金トランザクション(対象トークン:A)	110	20	2200

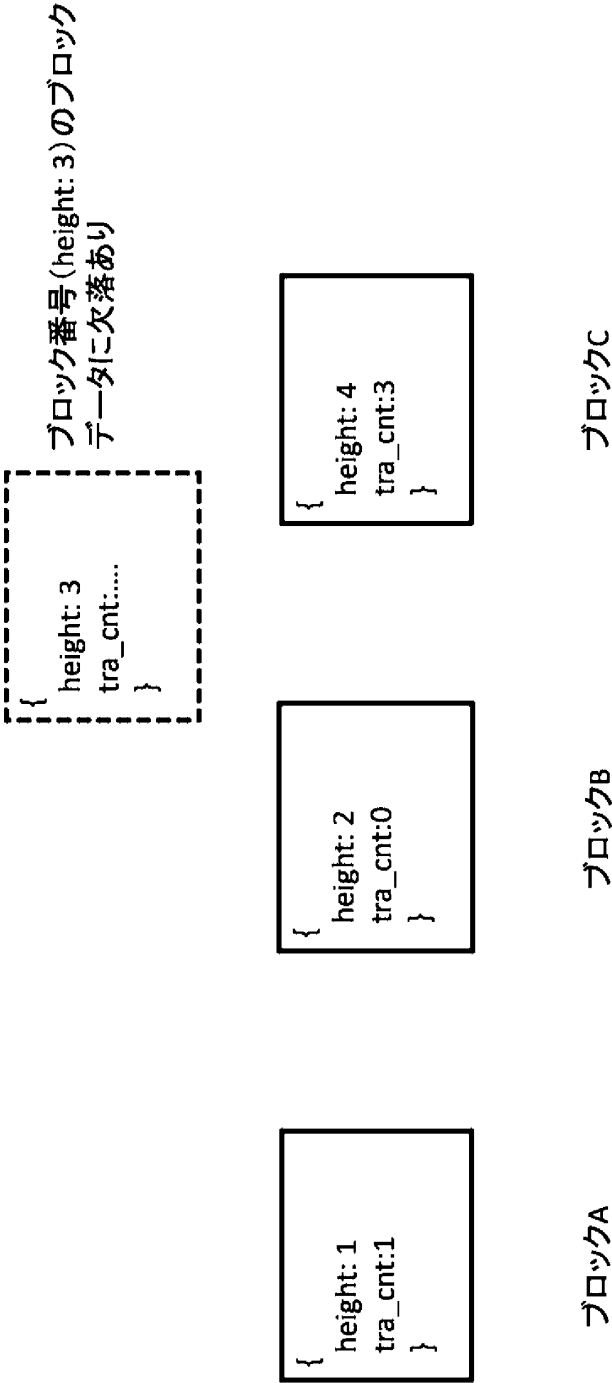
[図24]

FIG.24



[図25]

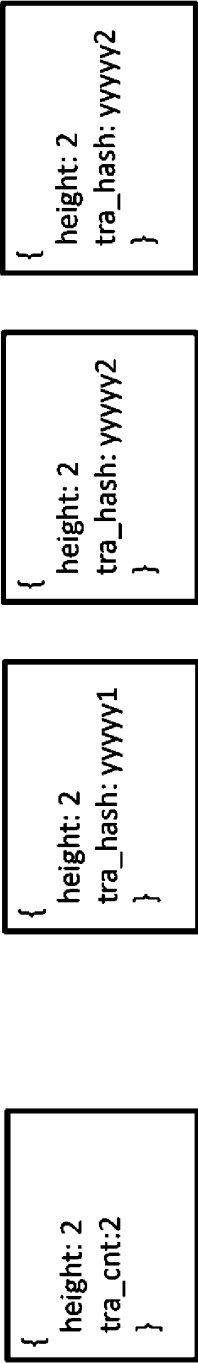
FIG.25



[図26]

FIG.26

トランザクションデータの重複あり



ブロックデータ

トランザクションA

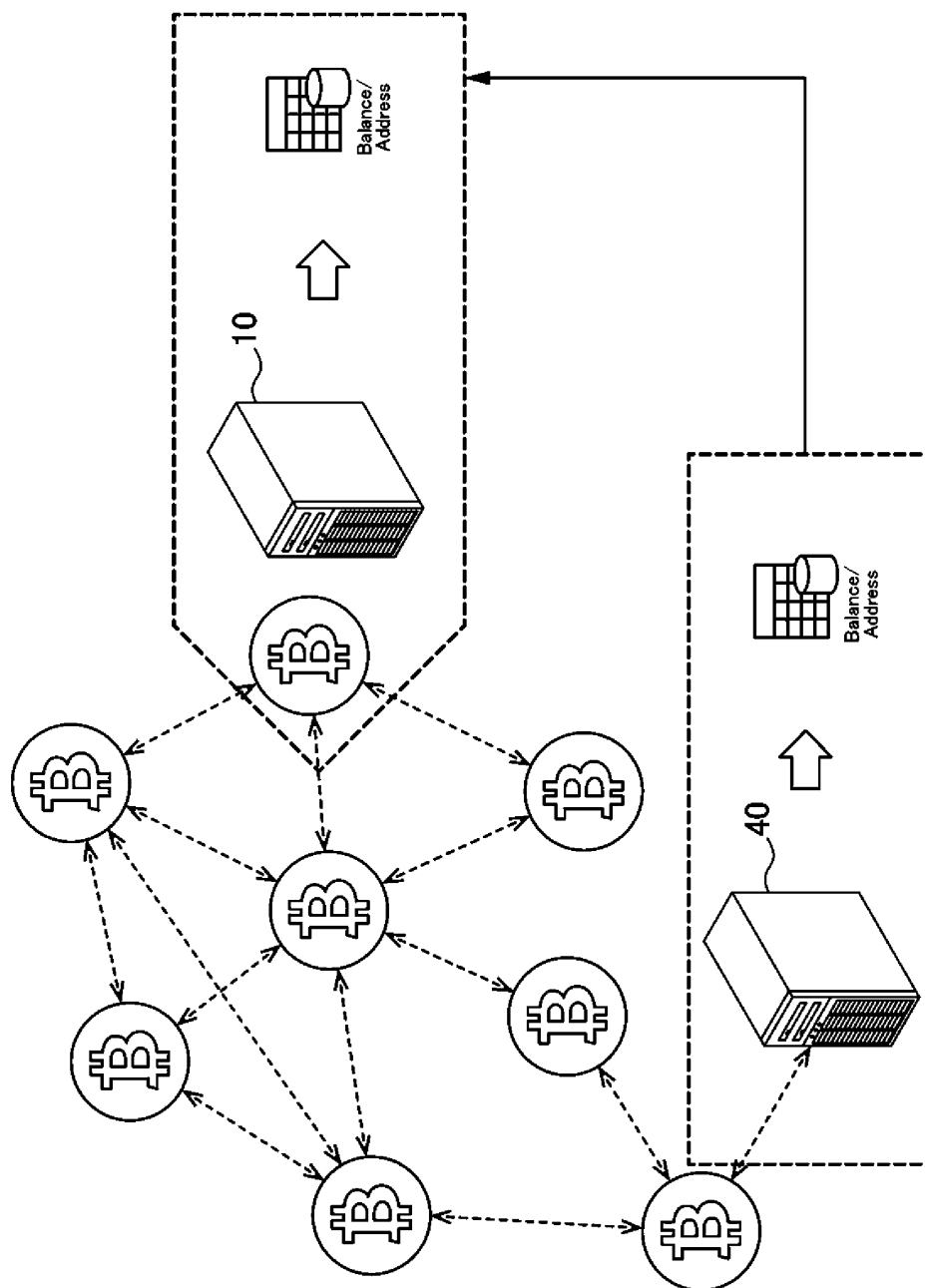
トランザクションB

トランザクションC

ブロック中のトランザクション数(tra_cnt) 2 < トランザクションのハッシュの数 3

[図27]

FIG.27



[図28]

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	v0.0.0-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	