

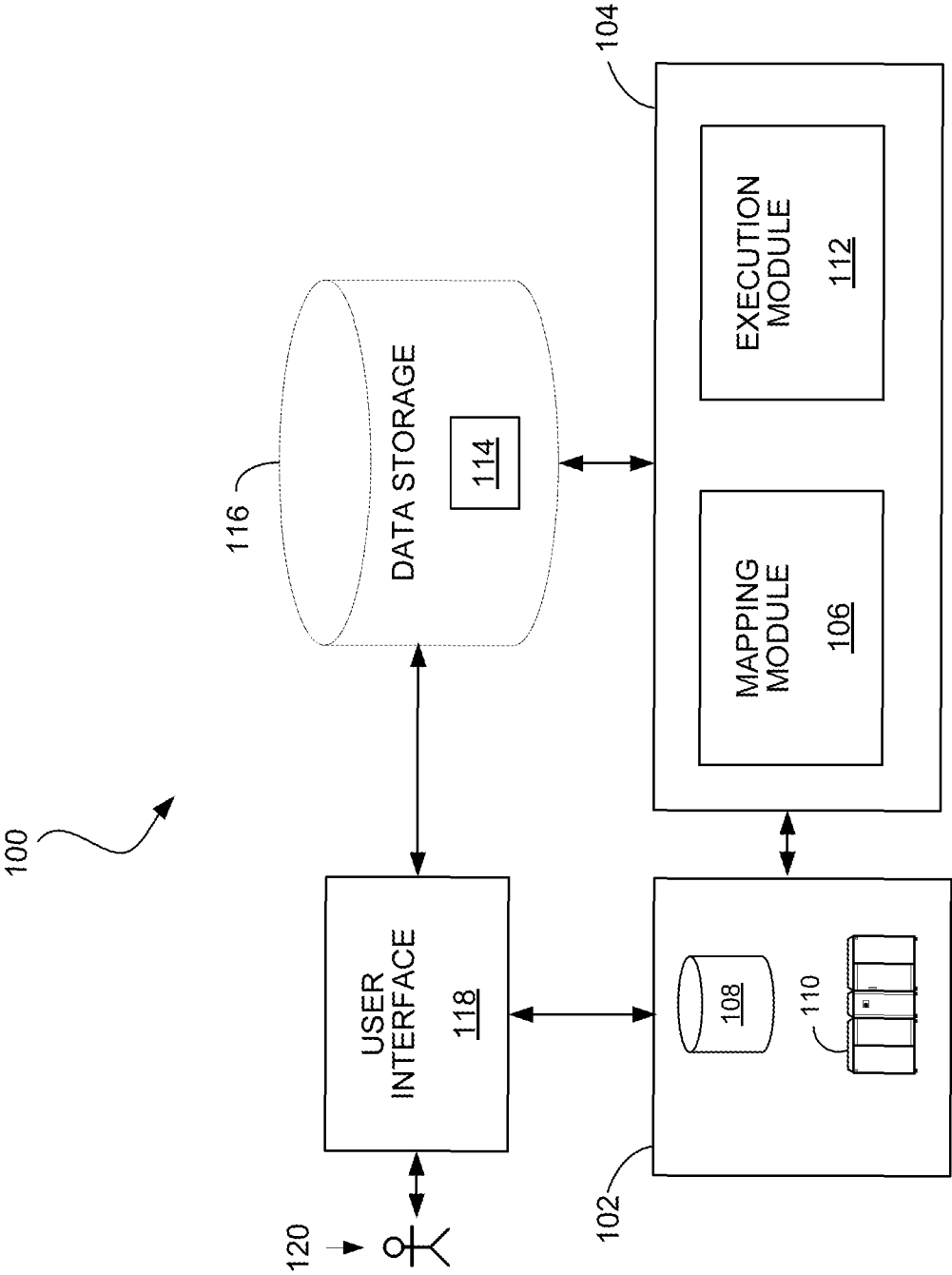


FIG. 1

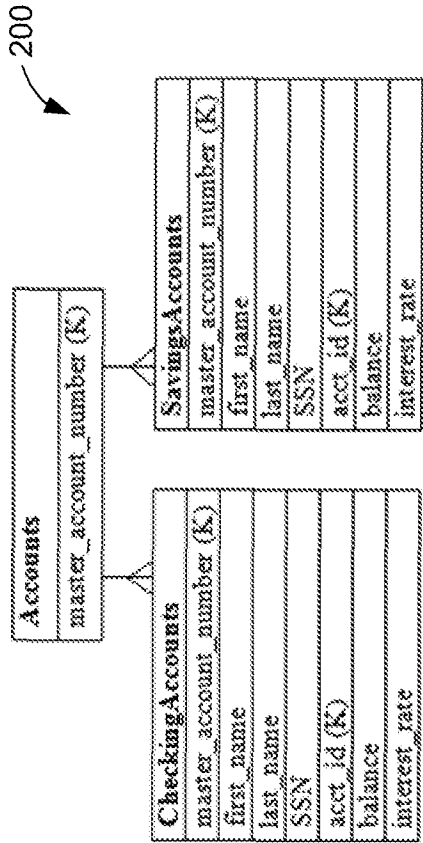


FIG. 2A

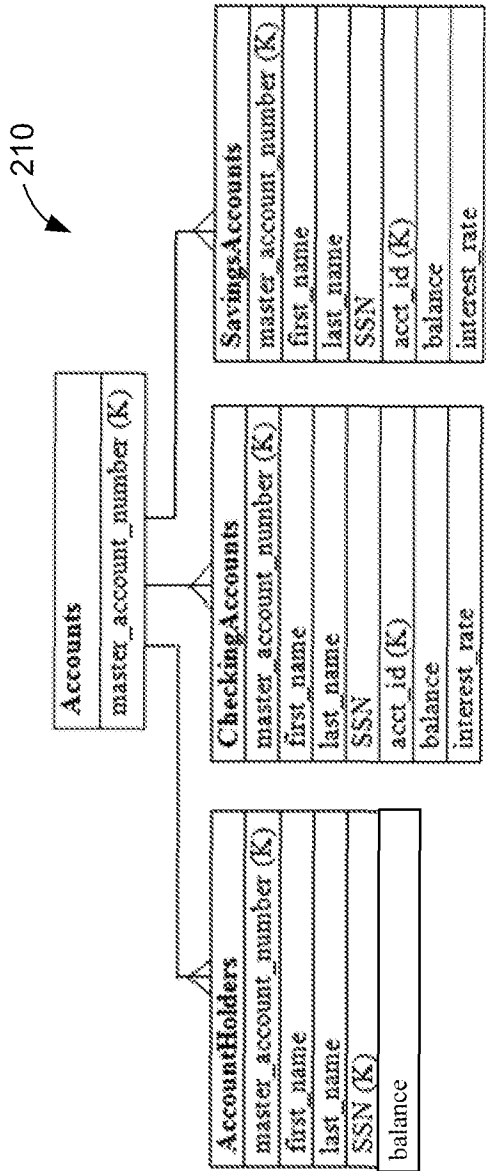


FIG. 2B

300

Accounts

☒ Run ☒ Auto ☒ View Input ☒ View Output ☒ View Reports

Accounts

Inputs

☒ in [5 recs]

☒ master_account_number
☒ checking_accounts [8 recs 3 grp]
☒ first_name
☒ last_name
☒ SSN
☒ acct_id
☒ balance
☒ interest_rate
☒ savings_accounts [4 recs 4 grp]

☒ out [5 recs]

☒ account_holders [9 recs 3 grp]
☒ first_name
☒ last_name
☒ SSN
☒ balance
☒ checking_accounts [8 recs 3 grp]
☒ acct_id
☒ SSN
☒ balance
☒ interest_rate
☒ savings_accounts [4 recs 4 grp]

302A

Options: ☒ Internal

306A

Source	Filter	#	Map	Target	#
1 in	☒	3	☒	out	3
2 in.checking_accounts	☒	2	☒	account_holders	3
3 in.savings_accounts	☒	4	☒	account_holders	4
4 in.checking_accounts	☒	3	☒	out.checking_accounts	3
5 in.savings_accounts	☒	4	☒	out.savings_accounts	4

308

310

314

318A

312

318B

302B

Options: ☒ Internal

306B

FIG. 3A

[illegible]

FIG. 3B

Accounts **320**

Filter: Test Auto Search Help

Mapping: in-checking_accounts to out-checking_accounts

Resources: Filter:

Inputs: **322**

- in-master..._number {1}
- checking_accounts
- first_name {len}
- last_name {Doe}
- SSN {005-11-2234}
- act_id {0123}
- balance {12.24}
- interest_rate {0.01}
- savings_accounts
- new_line <blank>

Output/Intermediate Expression / Rule

	Output/Intermediate	Expression / Rule	Computed Value	Description
1	out-master_account_number	master_account_number	1	
2	out-checking_accounts.act_id	checking_accounts.act_id	0123	
3	out-checking_accounts.SSN	checking_accounts.SSN	005-11-2234	
4	out-checking_accounts.balance	checking_accounts.balance	12.24	
5	out-checking_accounts.interest_rate	checking_accounts.interest_rate	0.01	
*	Add new Interest			328
				324
				330
				326

FIG. 3C

Accounts **320**

Filter: Test Auto Search Help

Mapping: in-checking_accounts to account_holders

Resources: Filter:

Inputs: **322**

- in-master..._number {1}
- checking_accounts
- first_name {len}
- last_name {Doe}
- SSN {005-11-2234}
- act_id {0123}
- balance {12.24}
- interest_rate {0.01}
- savings_accounts
- new_line <blank>

Output/Intermediate Expression / Rule

	Output/Intermediate	Expression / Rule	Computed Value	Description
1	out-master_account_number	master_account_number	1	
2	out-account_holders.first_name	checking_accounts.first_name	Jan	
3	out-account_holders.last_name	checking_accounts.last_name	Doe	
4	out-account_holders.SSN	checking_accounts.SSN	005-11-2234	
5	out-account_holders.balance	sum(in-checking_accounts.balance.in-checking_accounts.SSN)	12.24	
*	Add new Interest	sum(in-savings_accounts.balance.in-savings_accounts.SSN)		328
				324
				330
				326

FIG. 3D

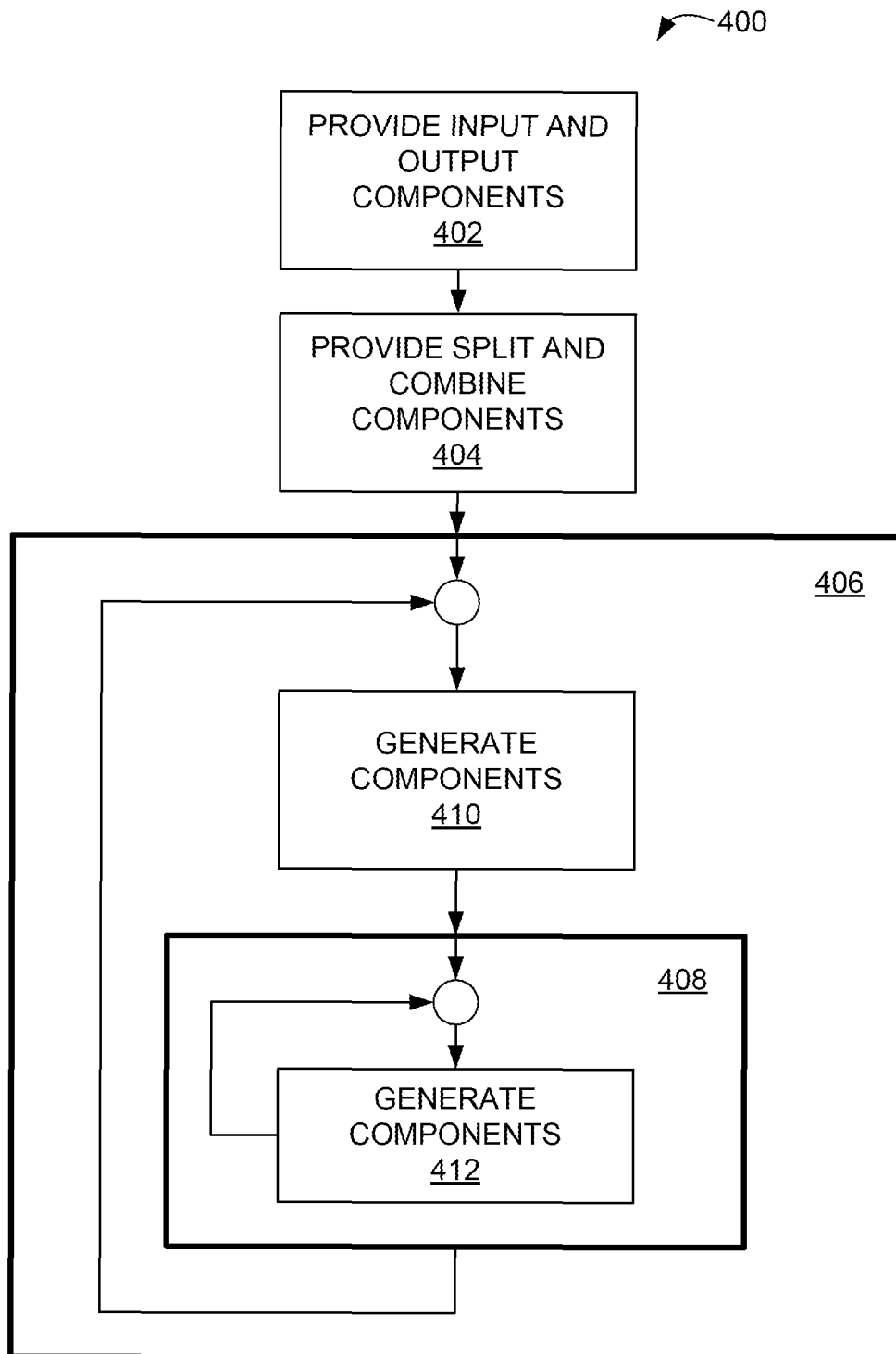


FIG. 4

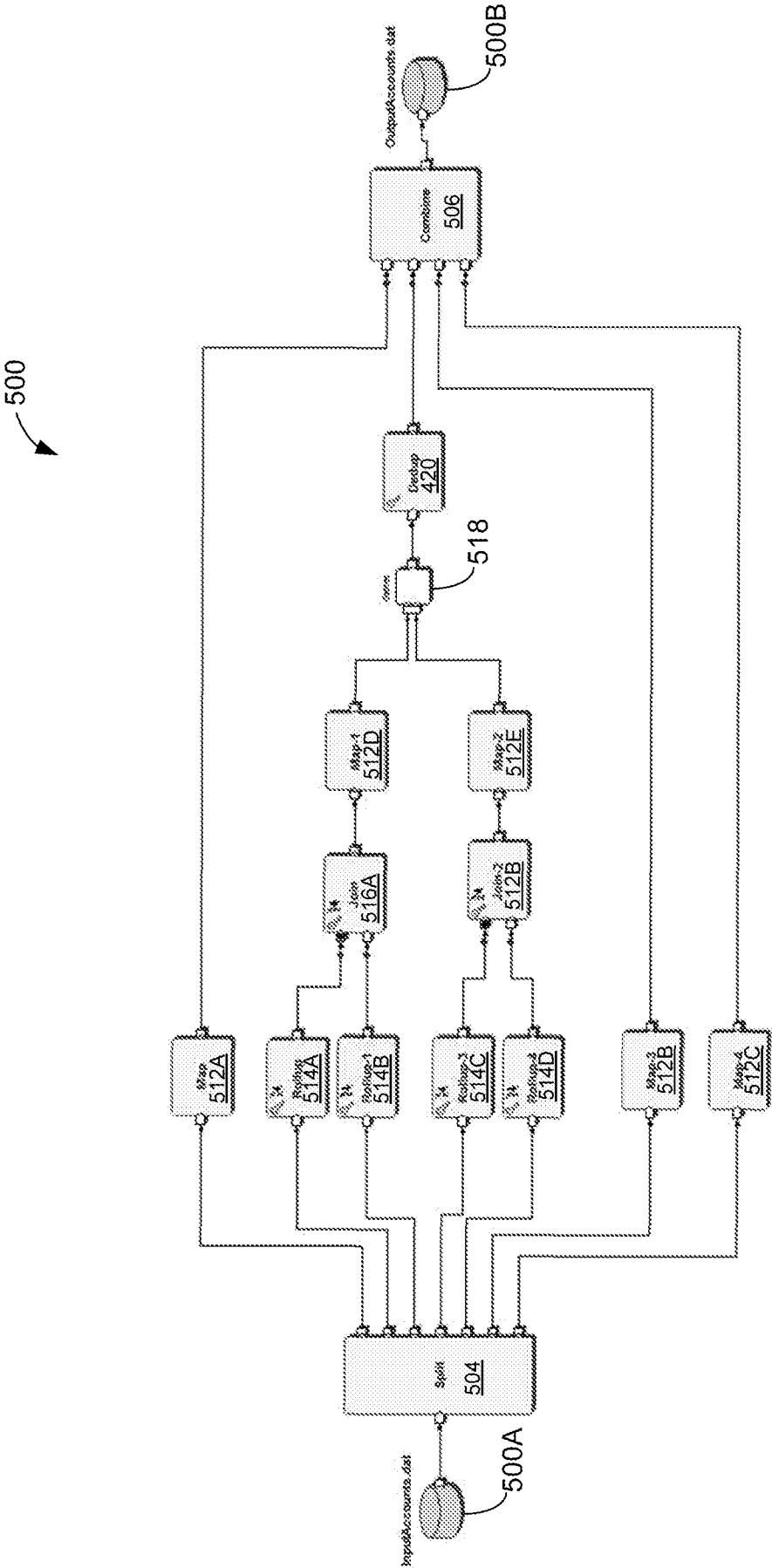


FIG. 5