

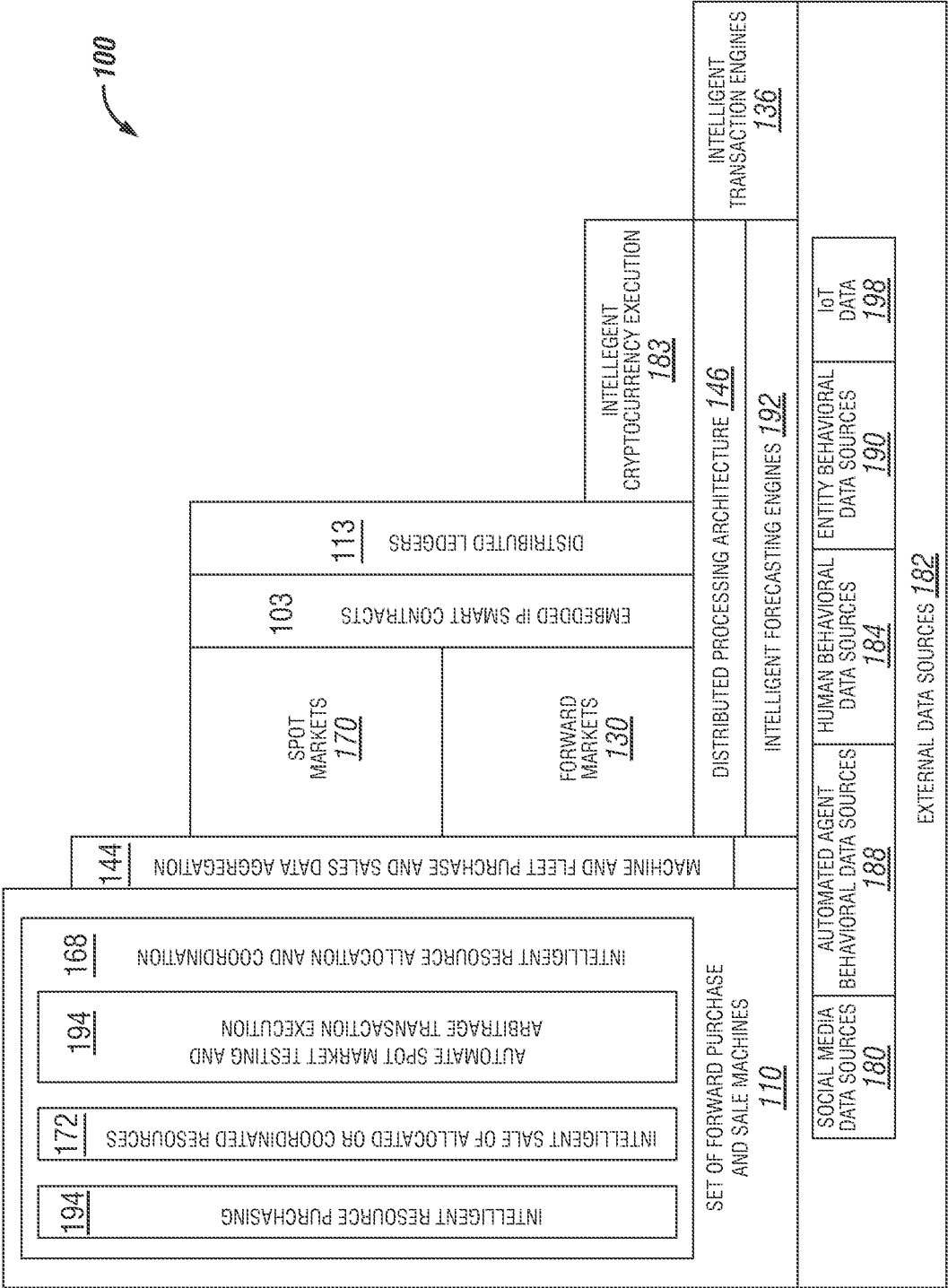


FIG. 1

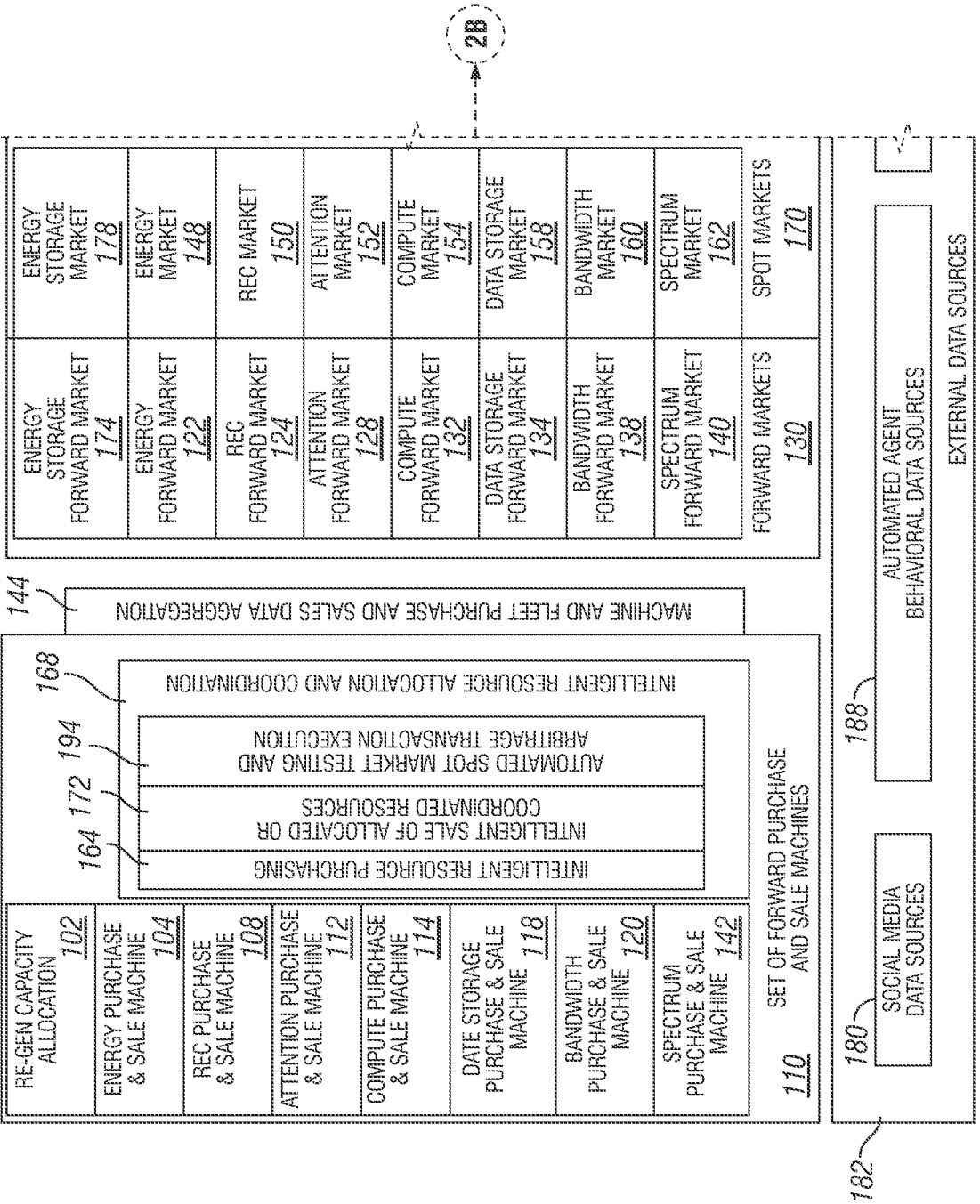
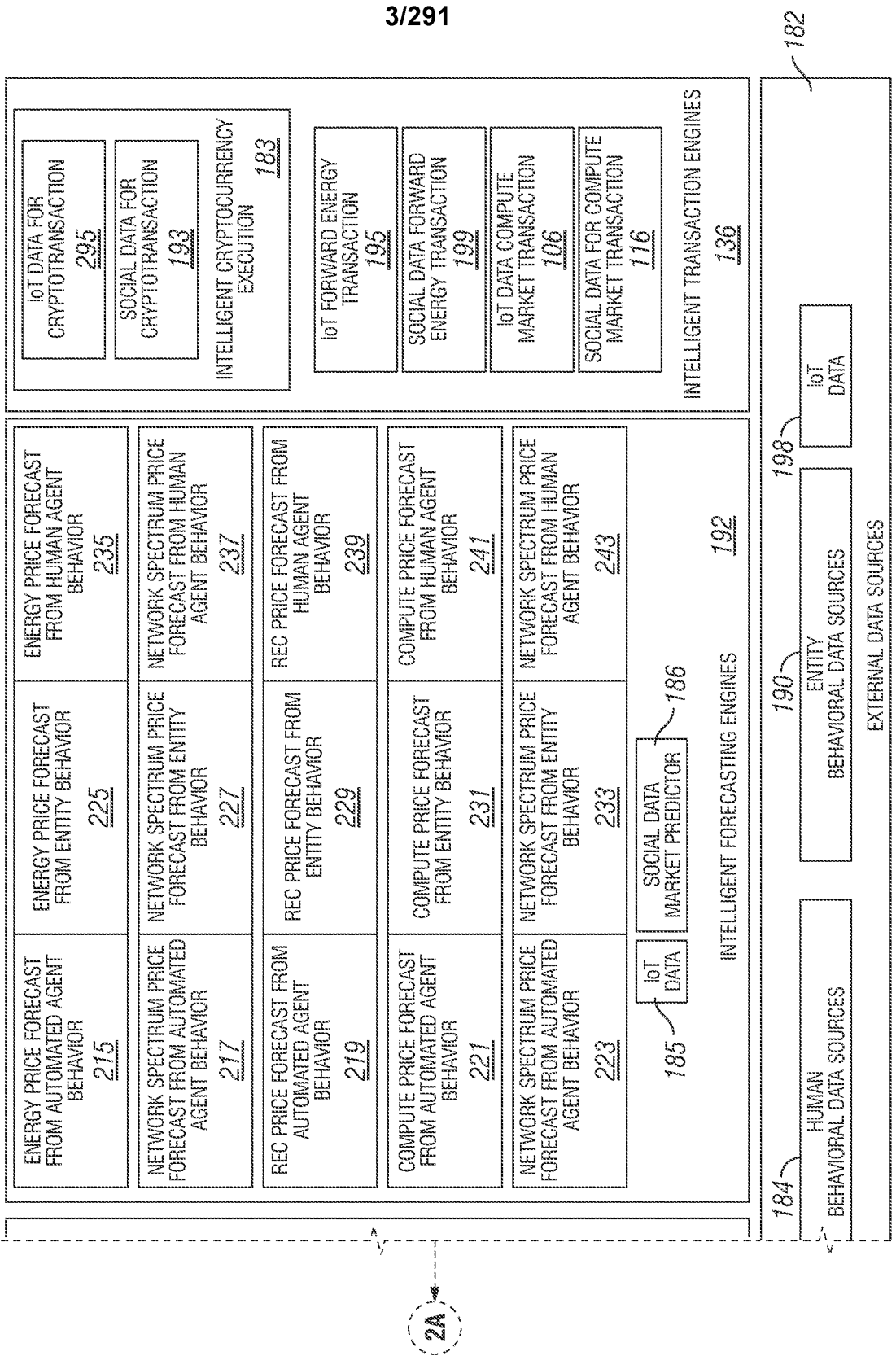


FIG. 2A



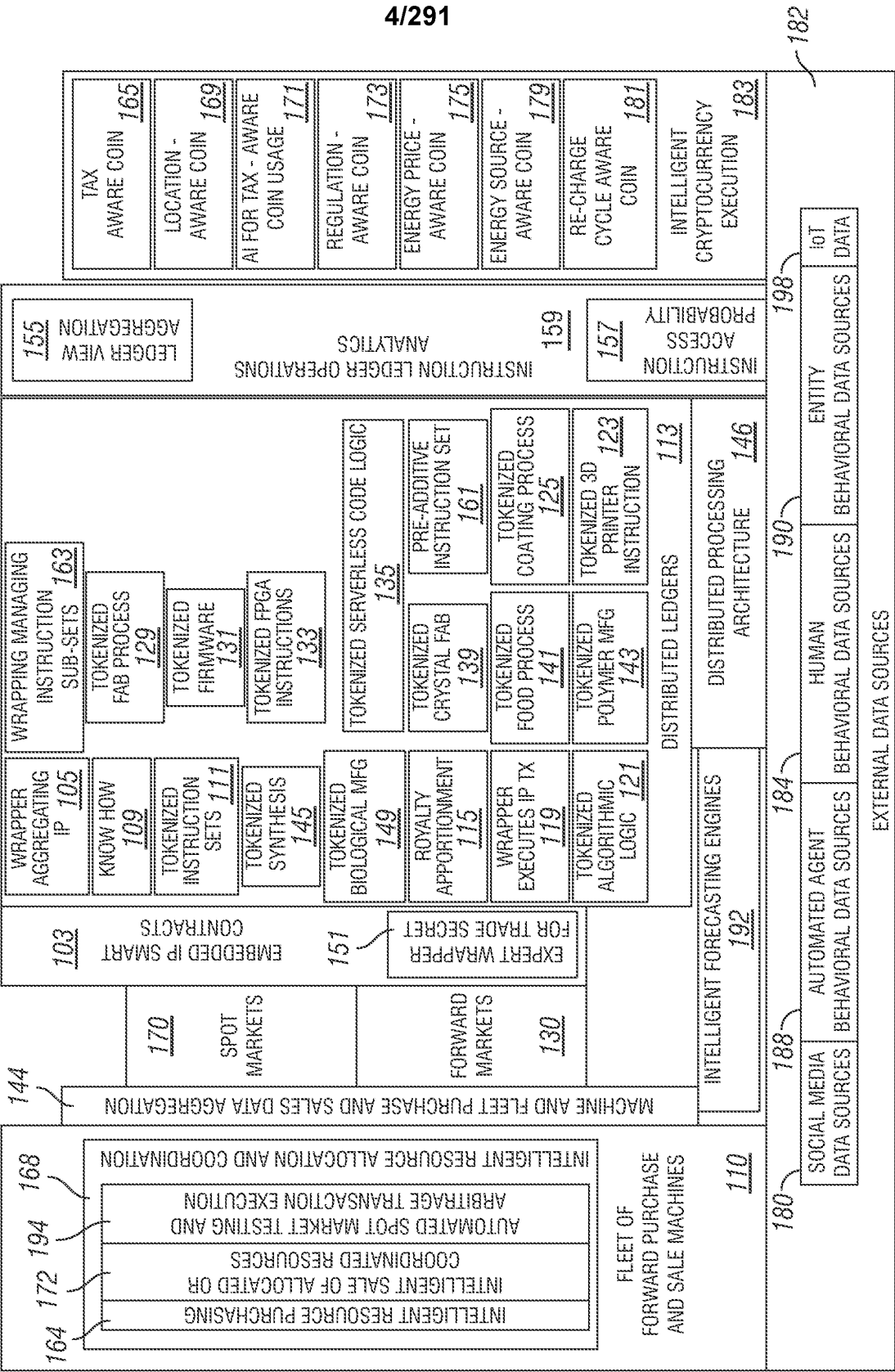
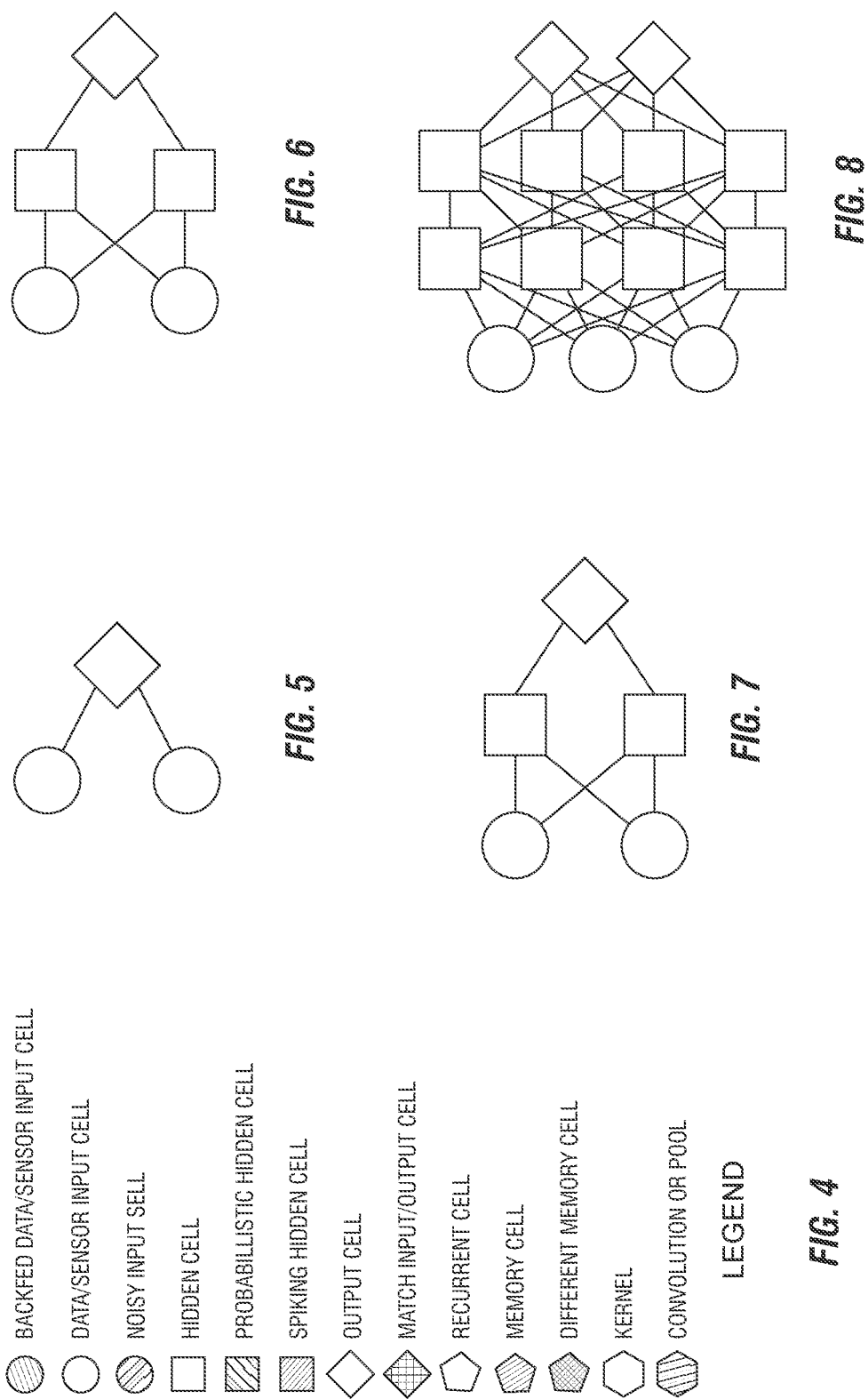


FIG. 3



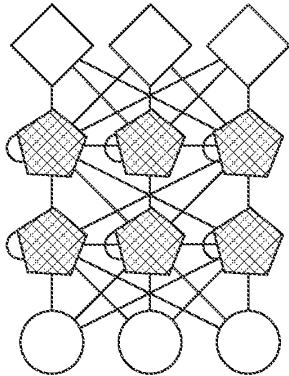


FIG. 9

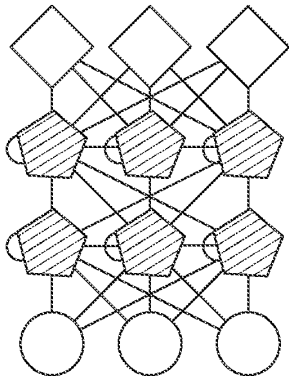


FIG. 10

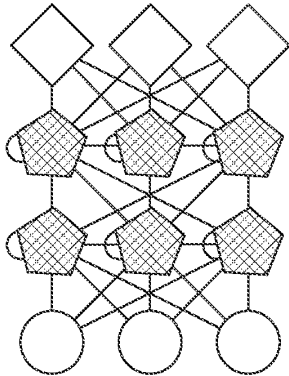


FIG. 11

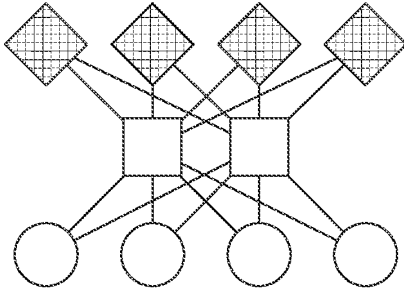


FIG. 12

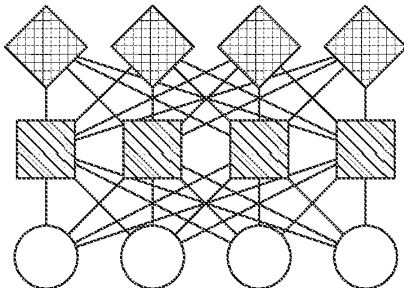


FIG. 13

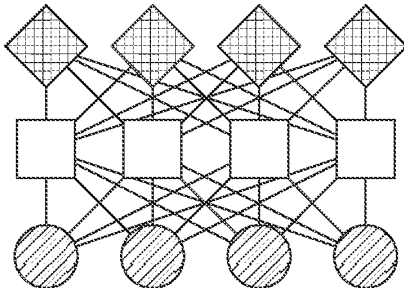


FIG. 14

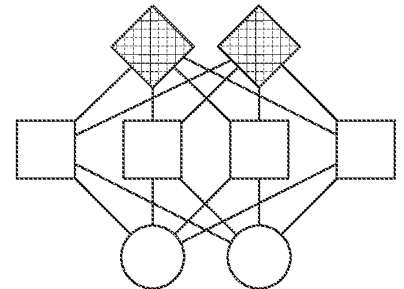


FIG. 15

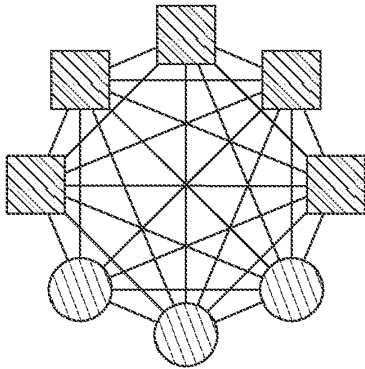


FIG. 16

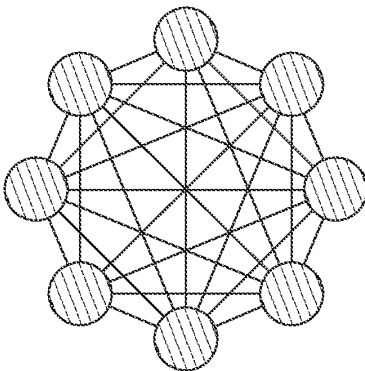


FIG. 17

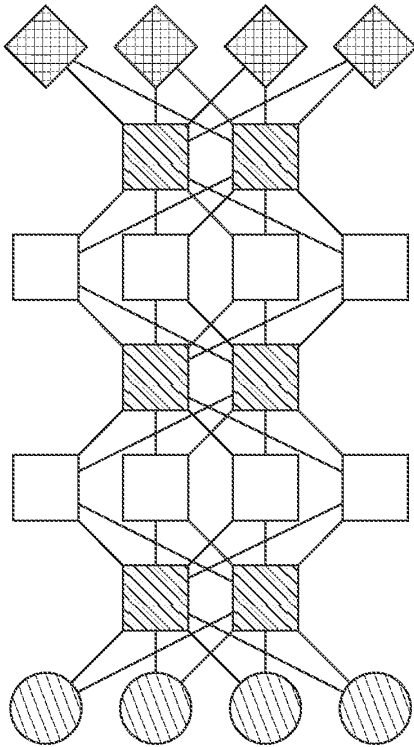


FIG. 18

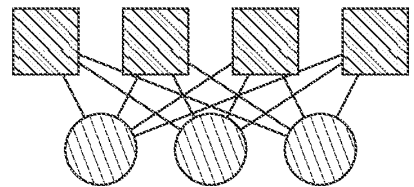


FIG. 19

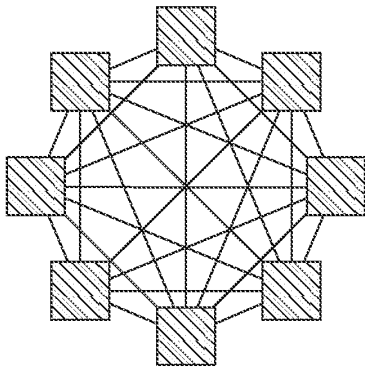


FIG. 20

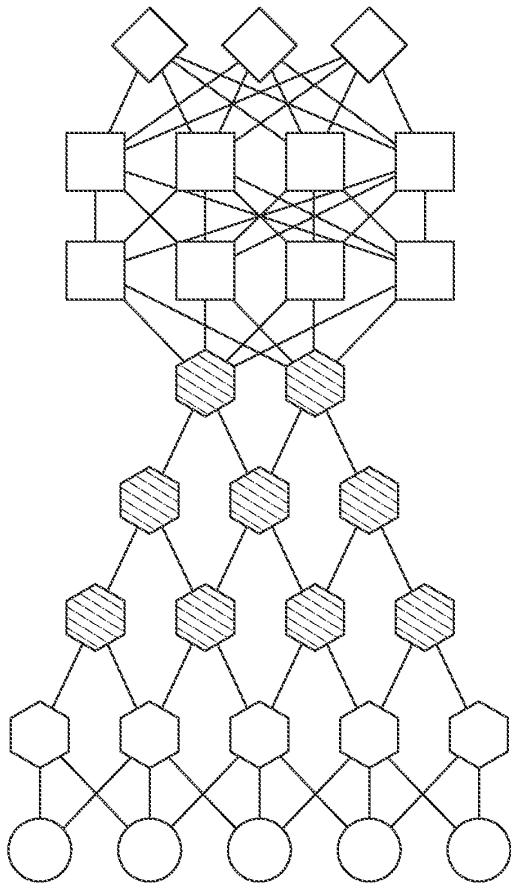


FIG. 21

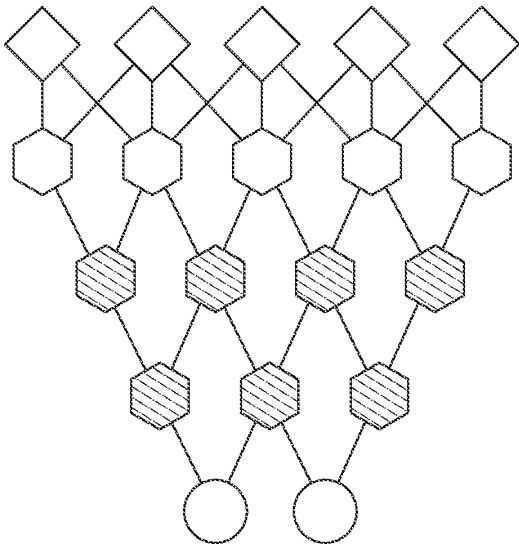
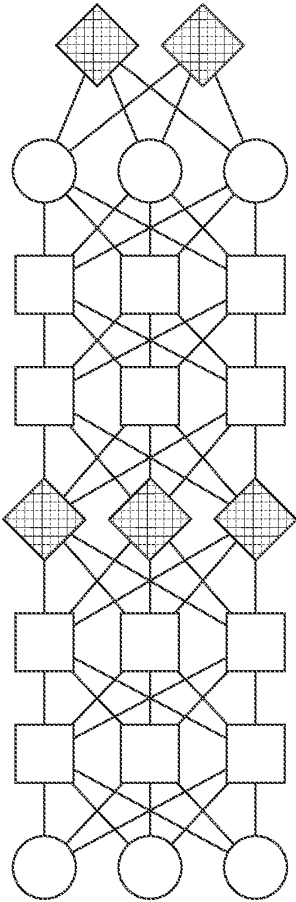
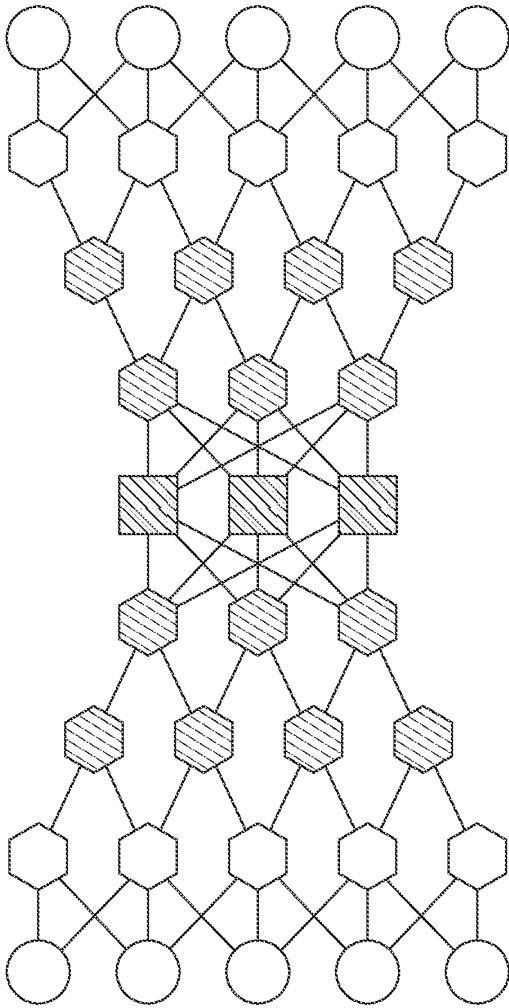


FIG. 22



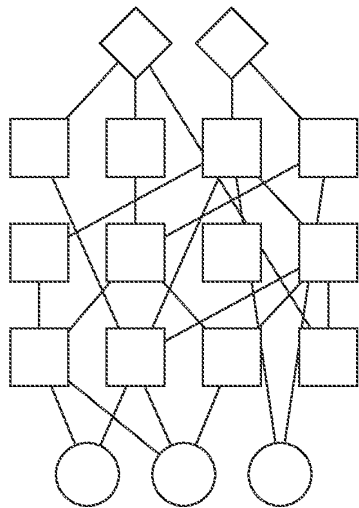


FIG. 26

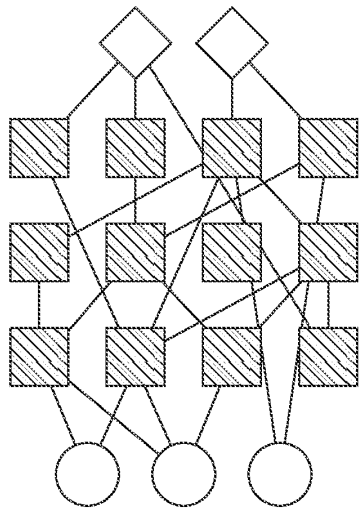


FIG. 25

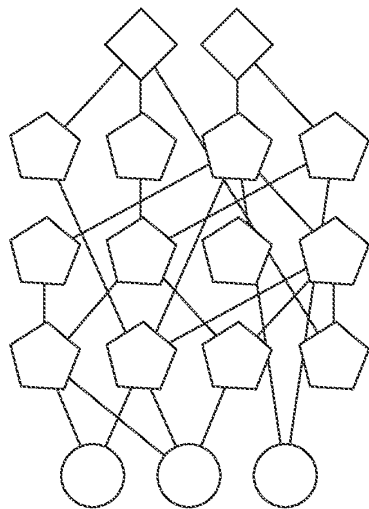


FIG. 27

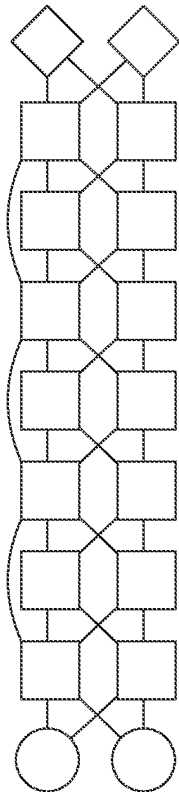


FIG. 28



FIG. 30

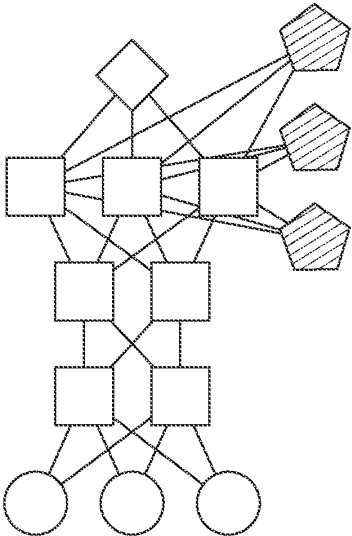


FIG. 31

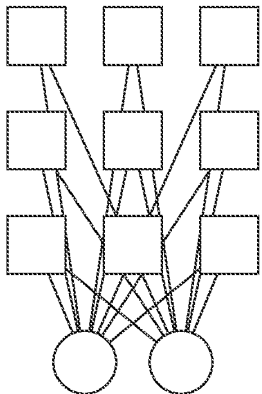


FIG. 29

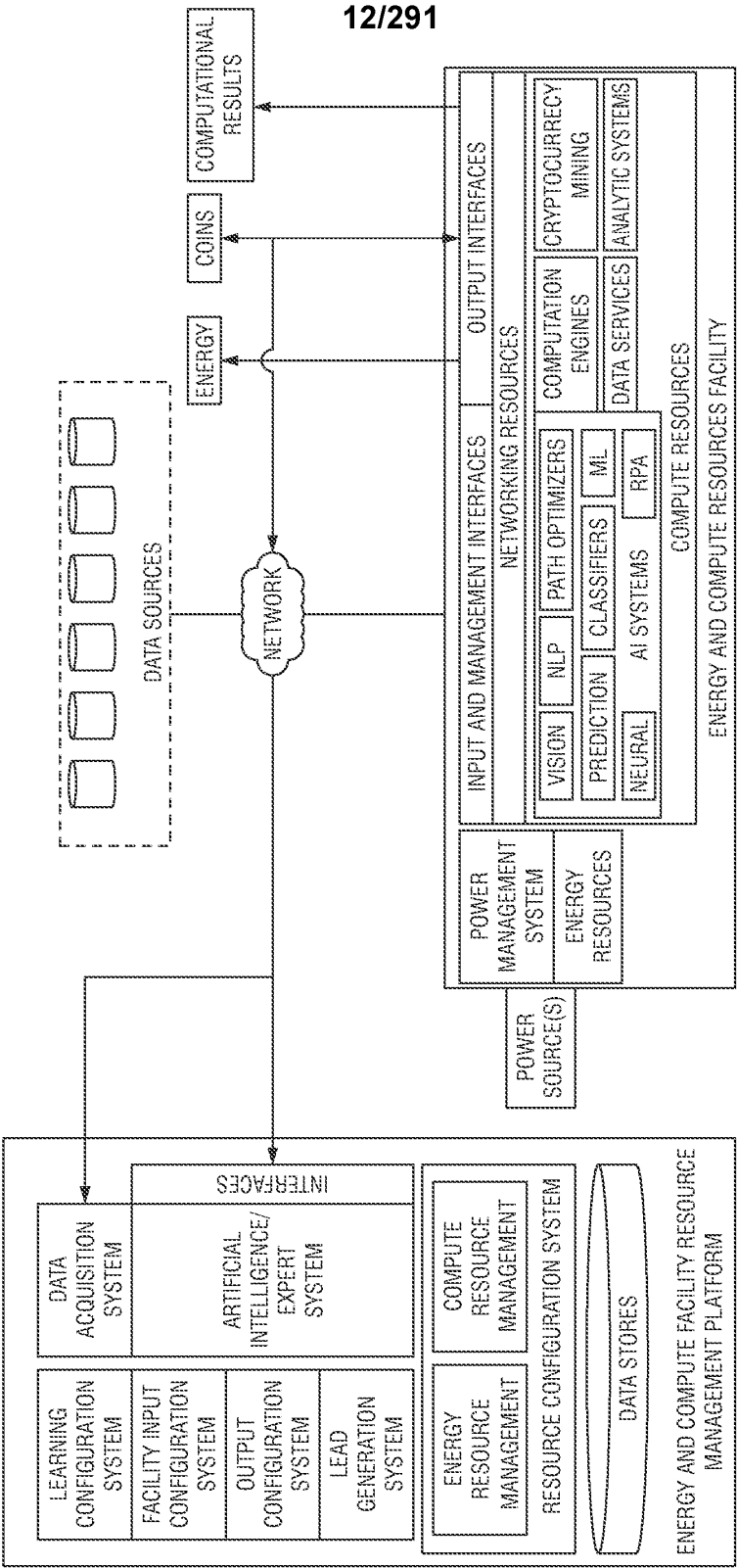


FIG. 32

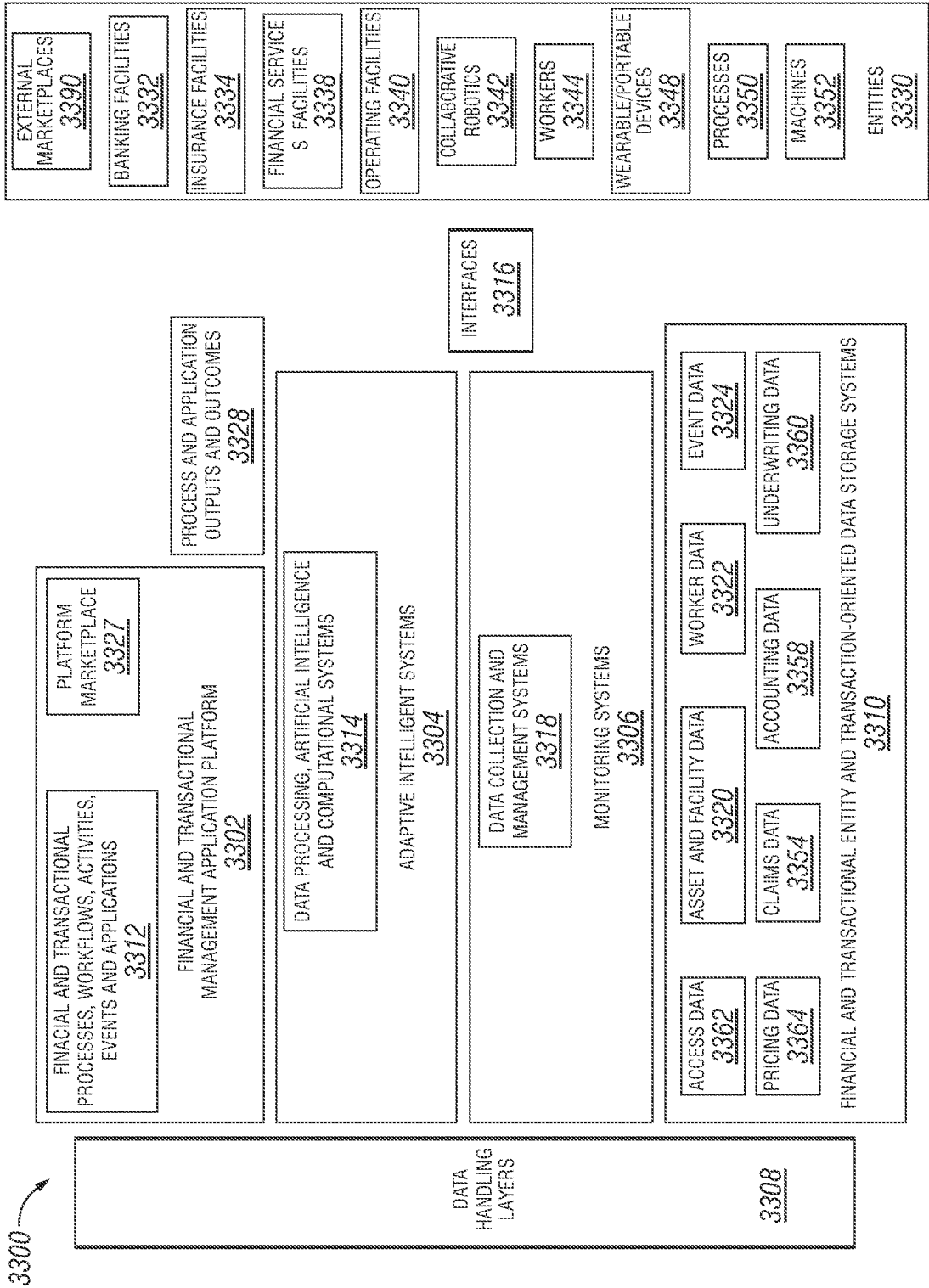


FIG. 33

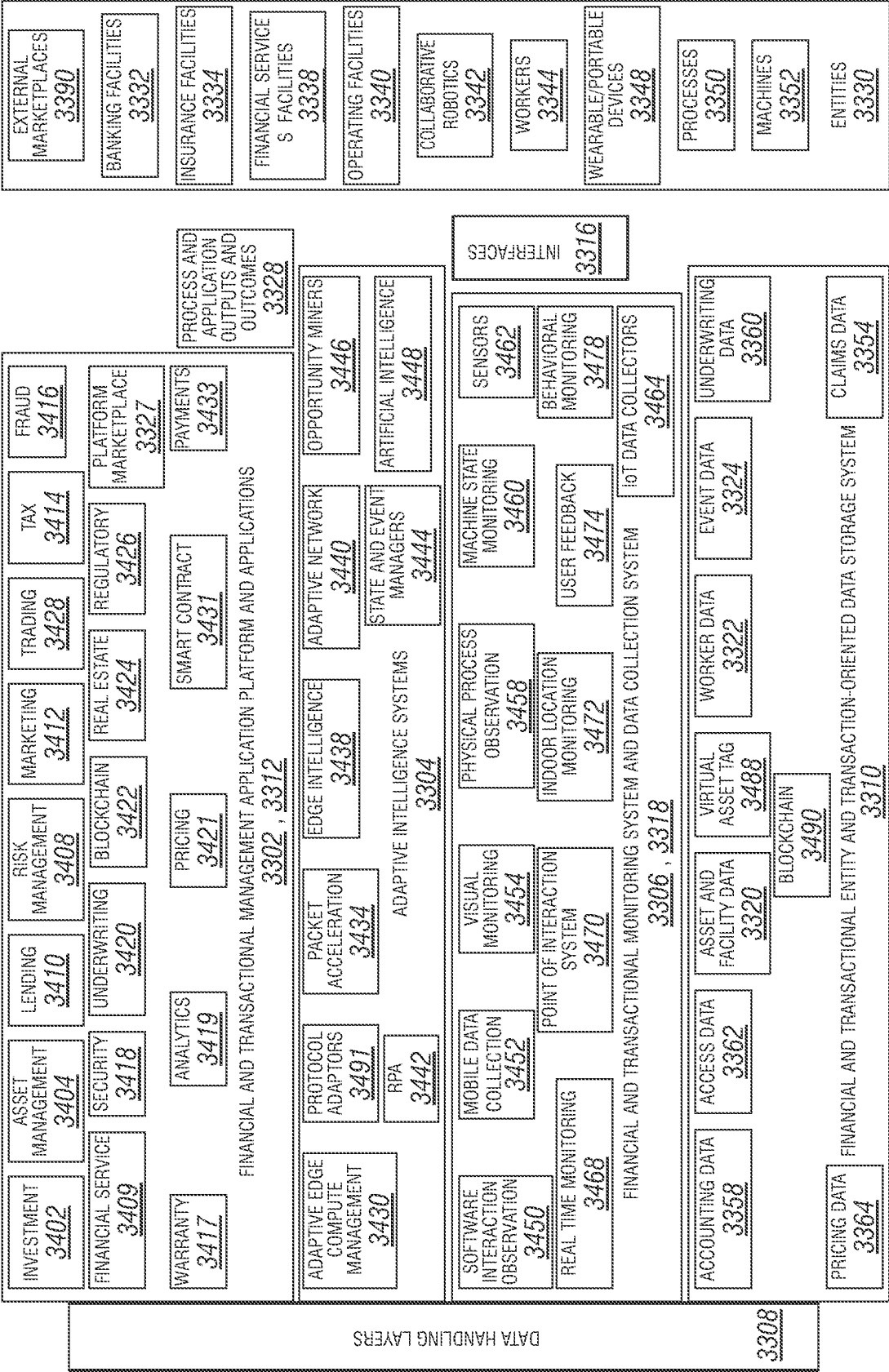


FIG. 34

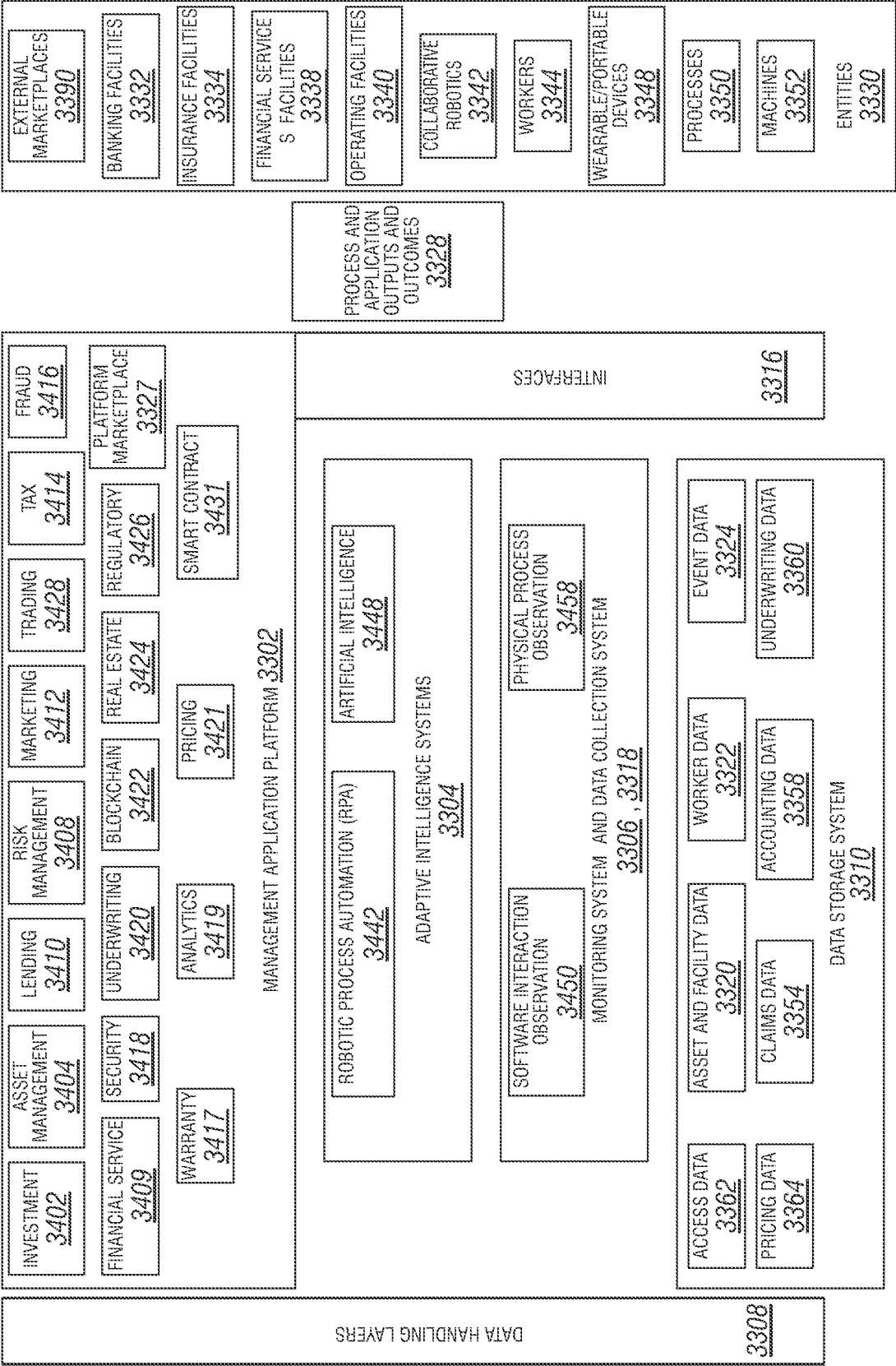


FIG. 35

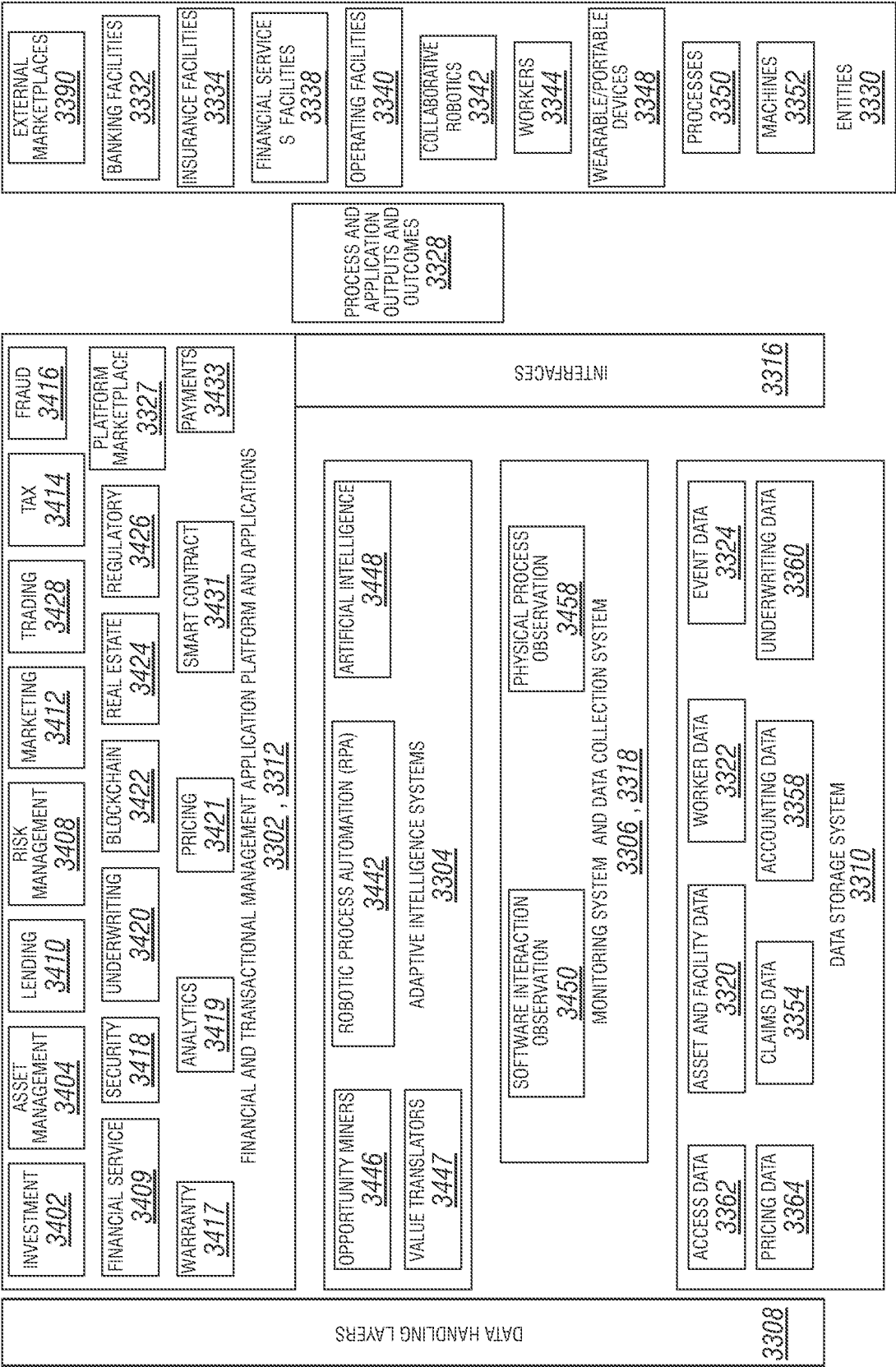


FIG. 36

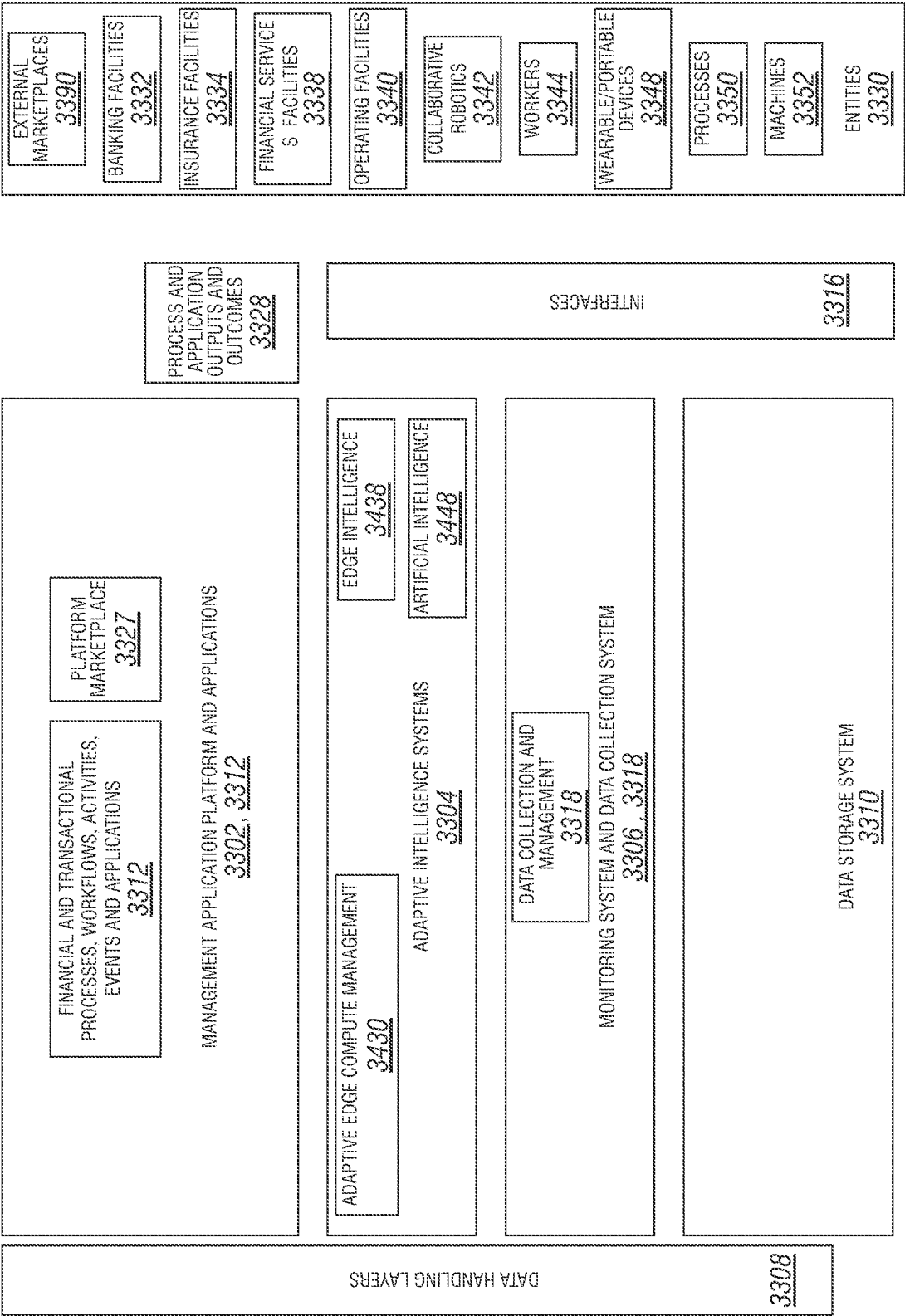


FIG. 37

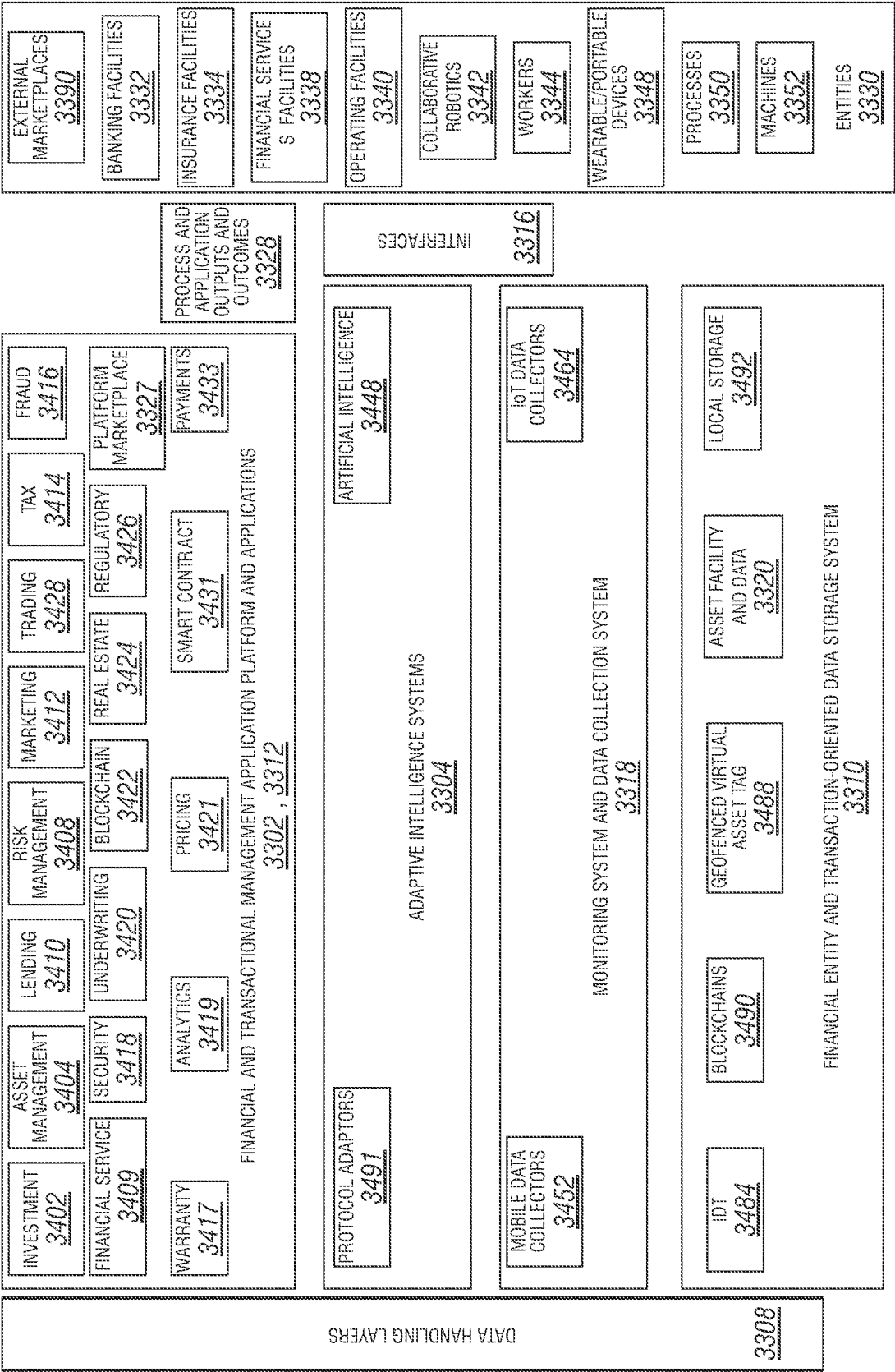


FIG. 38

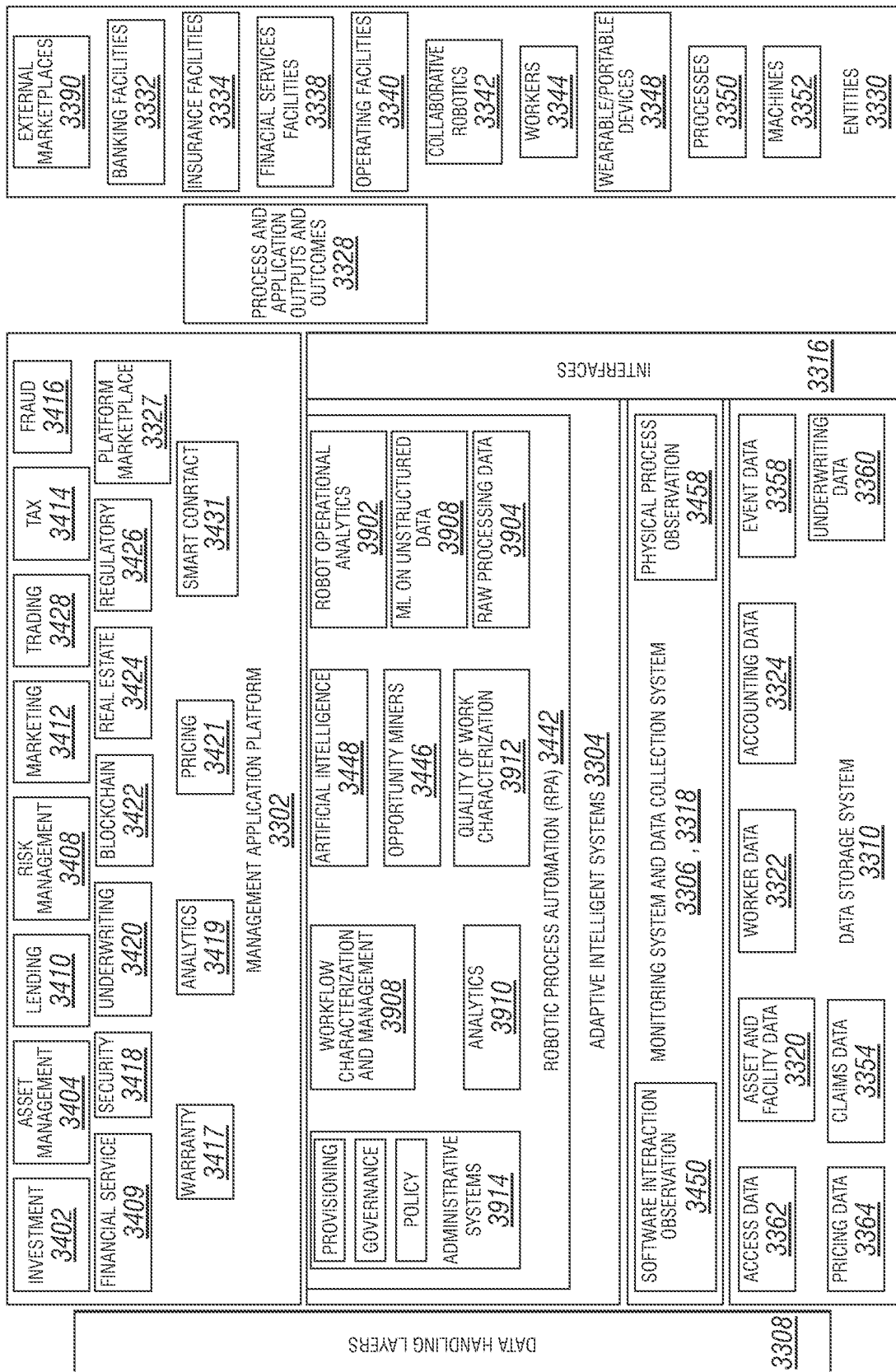


Fig. 39

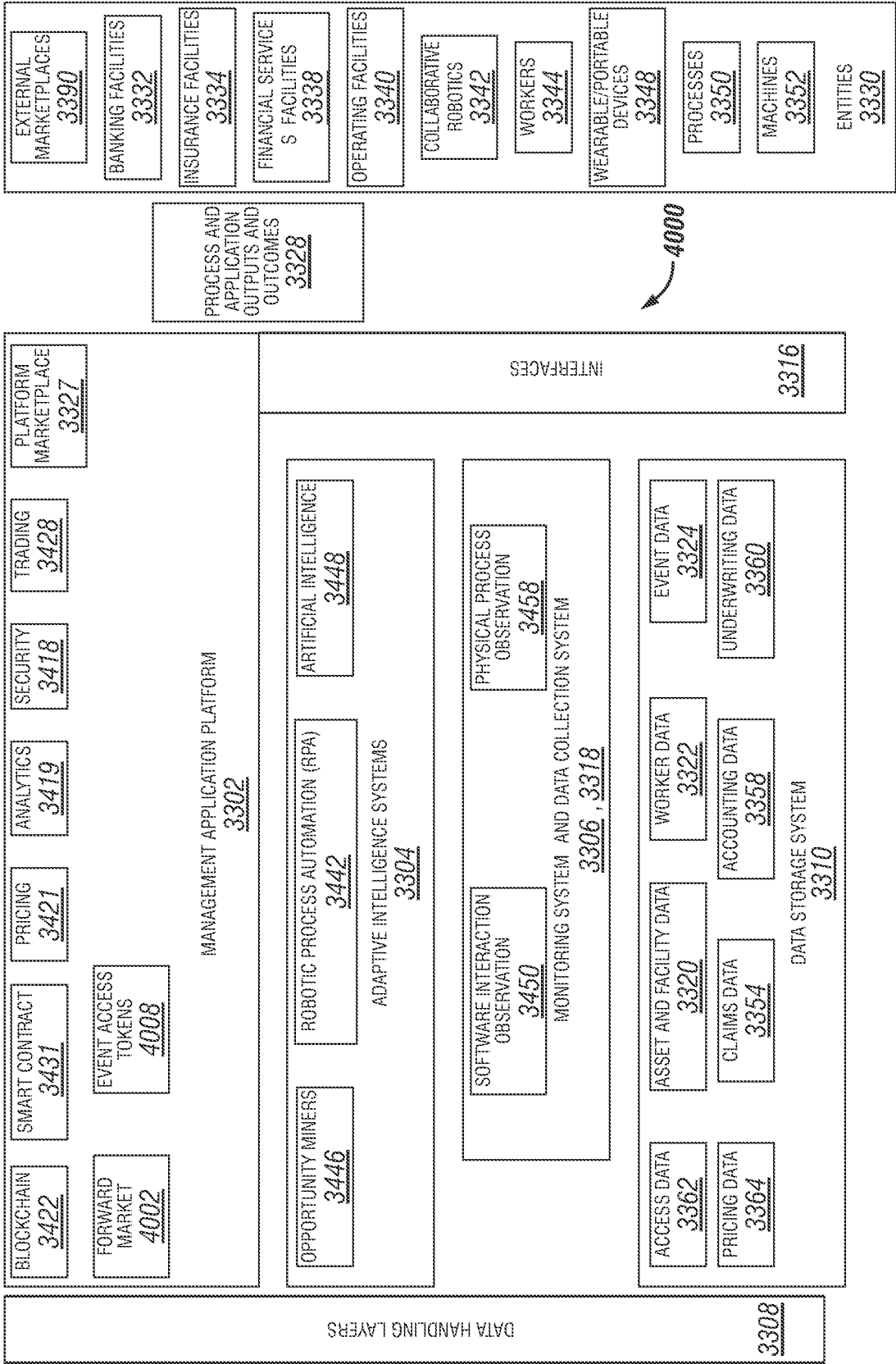


FIG. 40

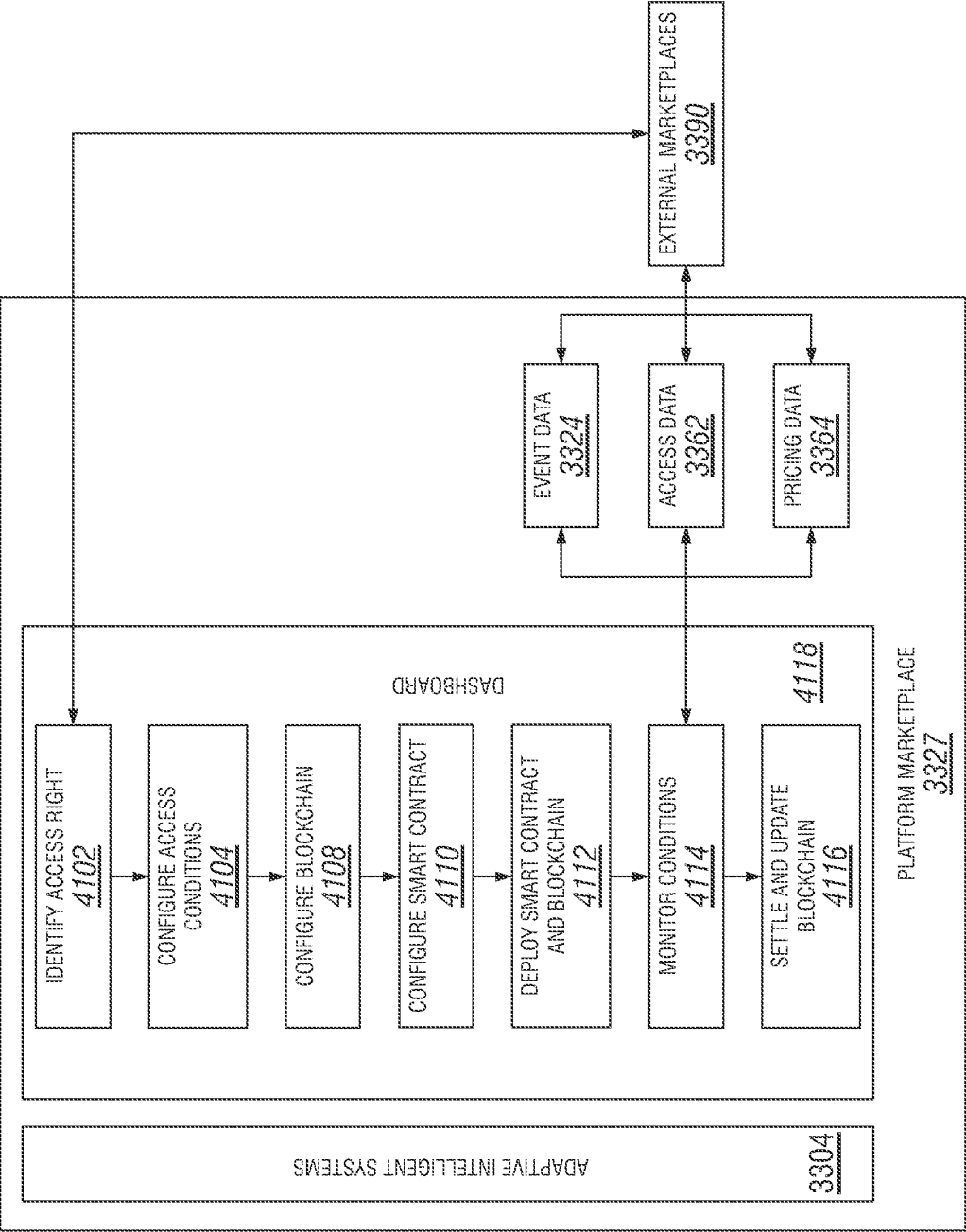


FIG. 41

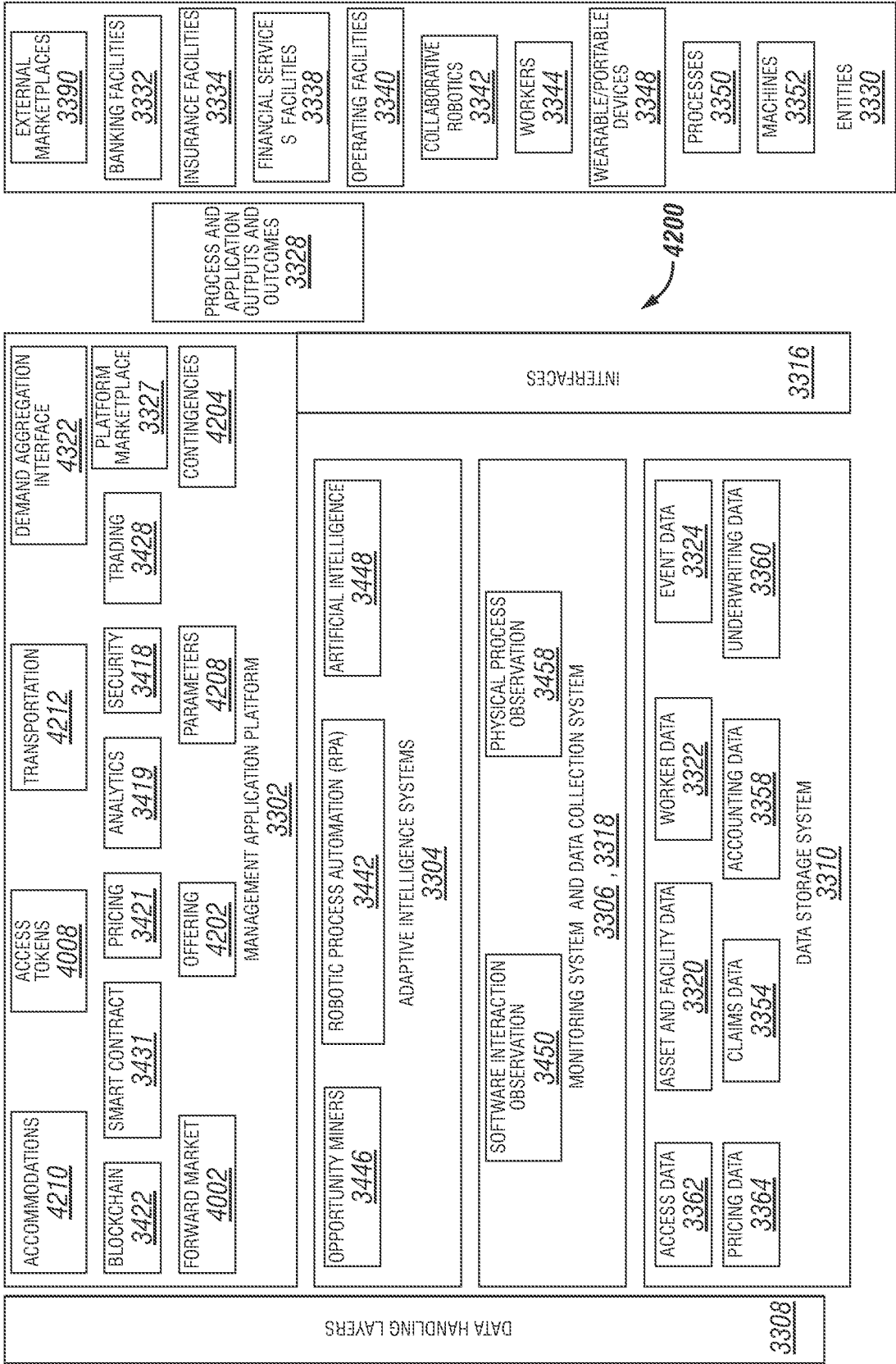


FIG. 42

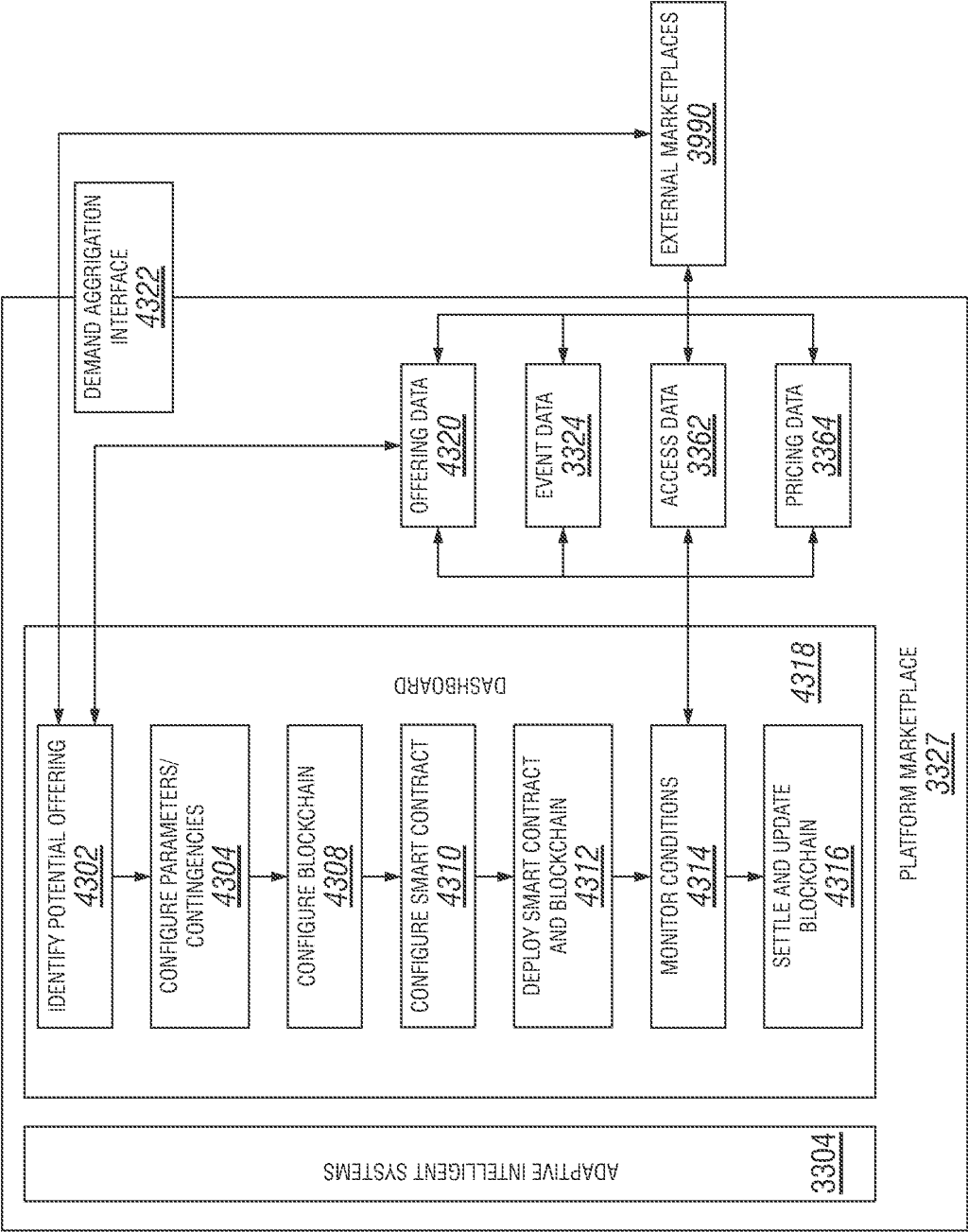


FIG. 43

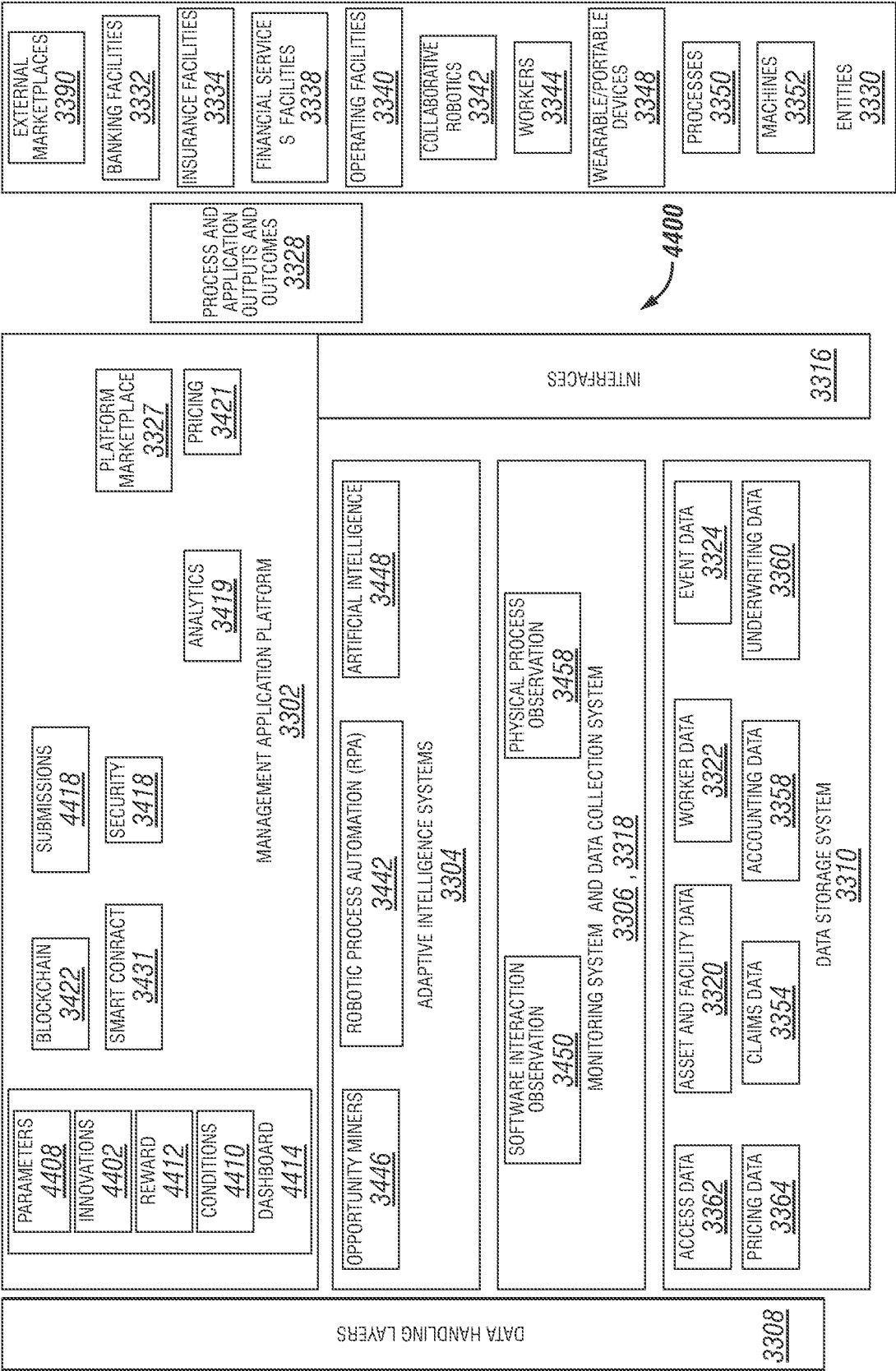


FIG. 44

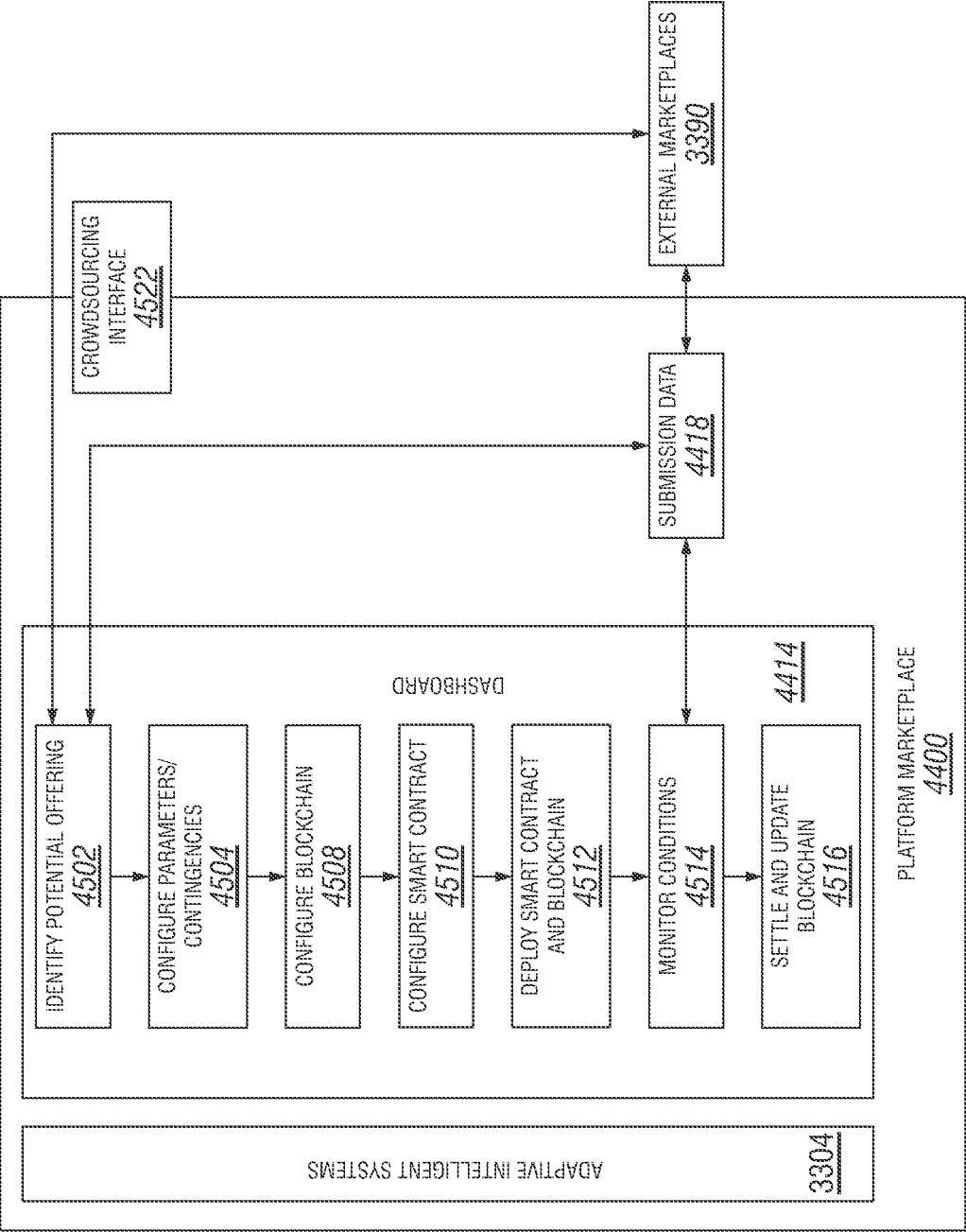


FIG. 45

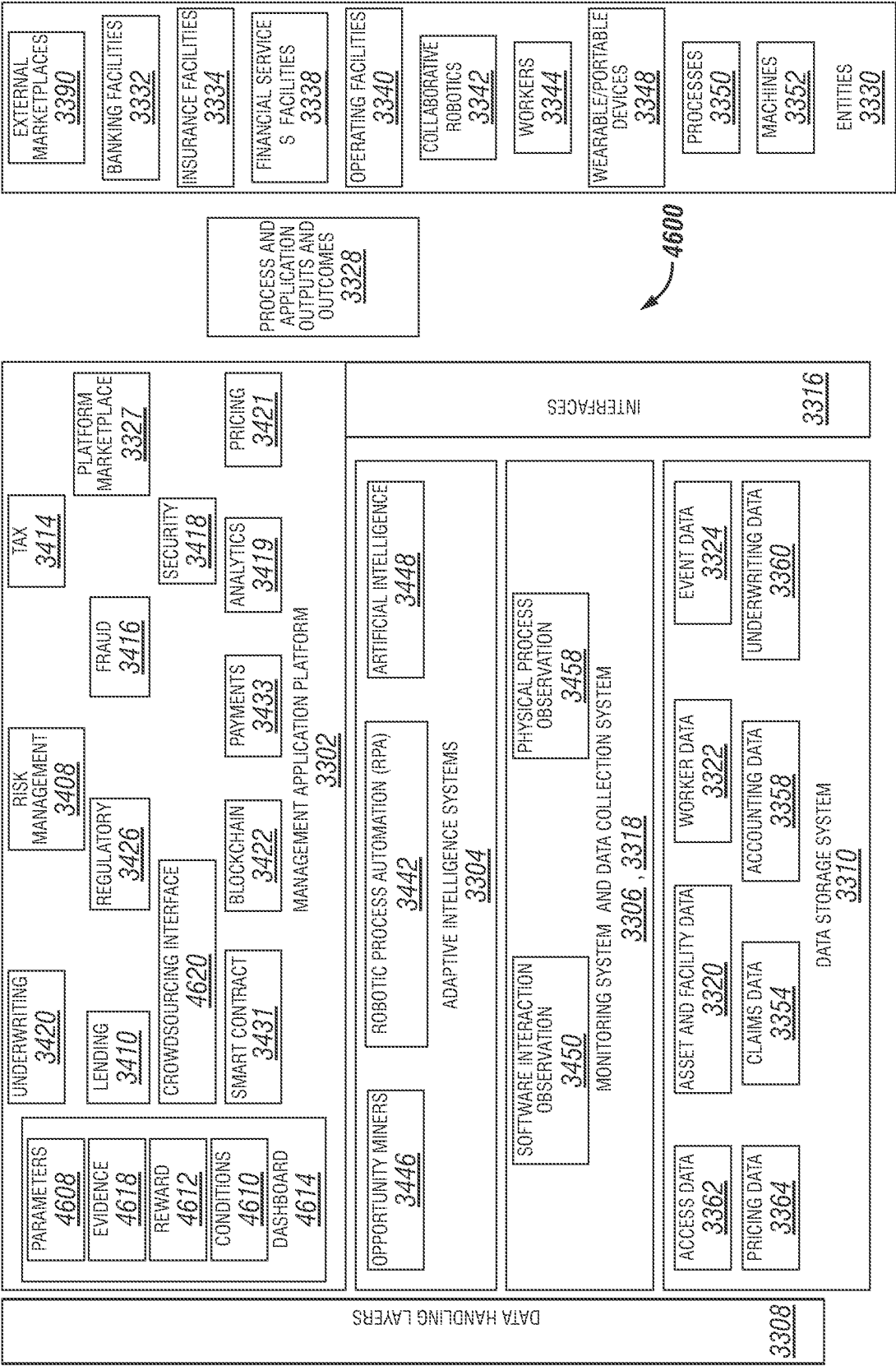


FIG. 46

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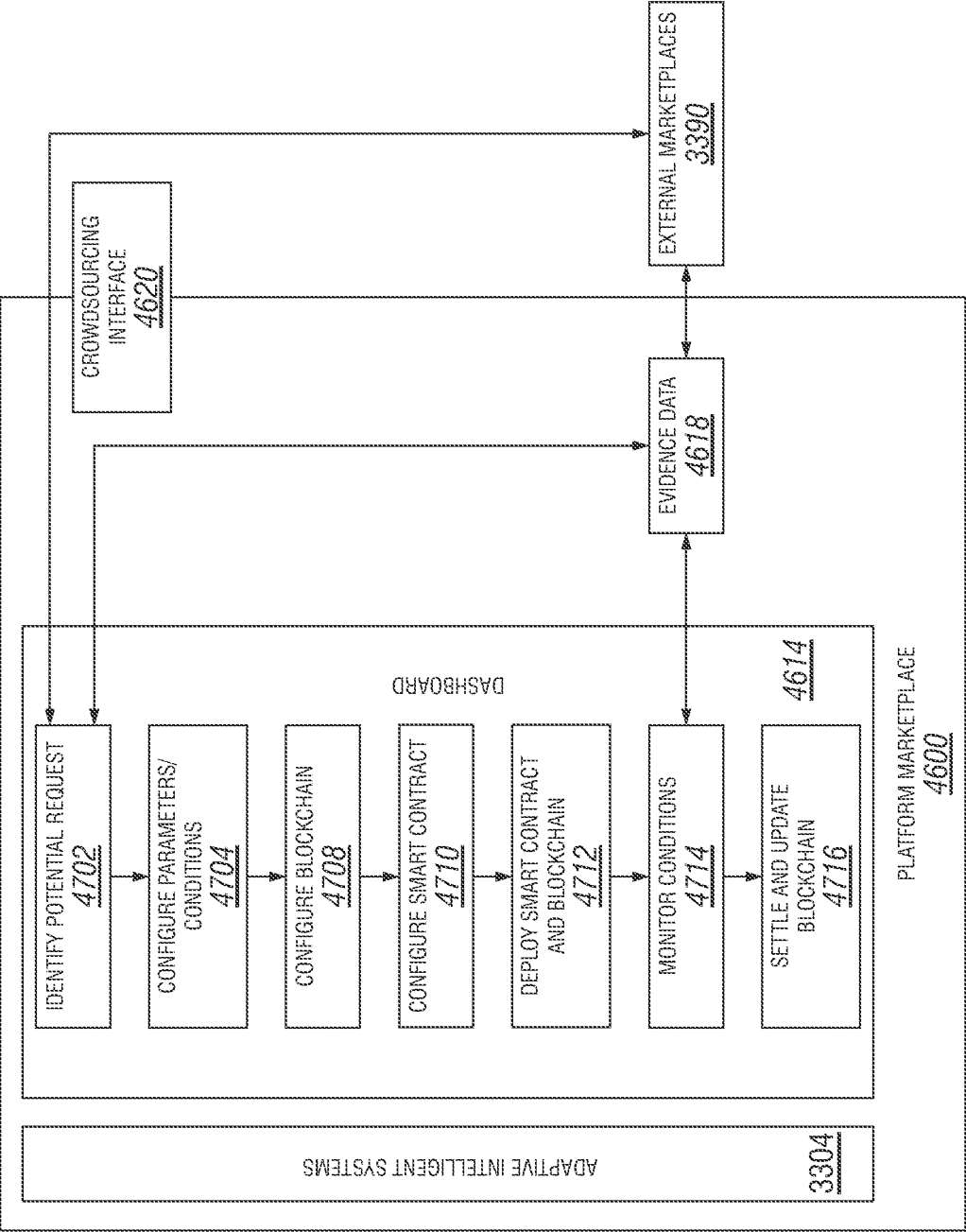


FIG. 47

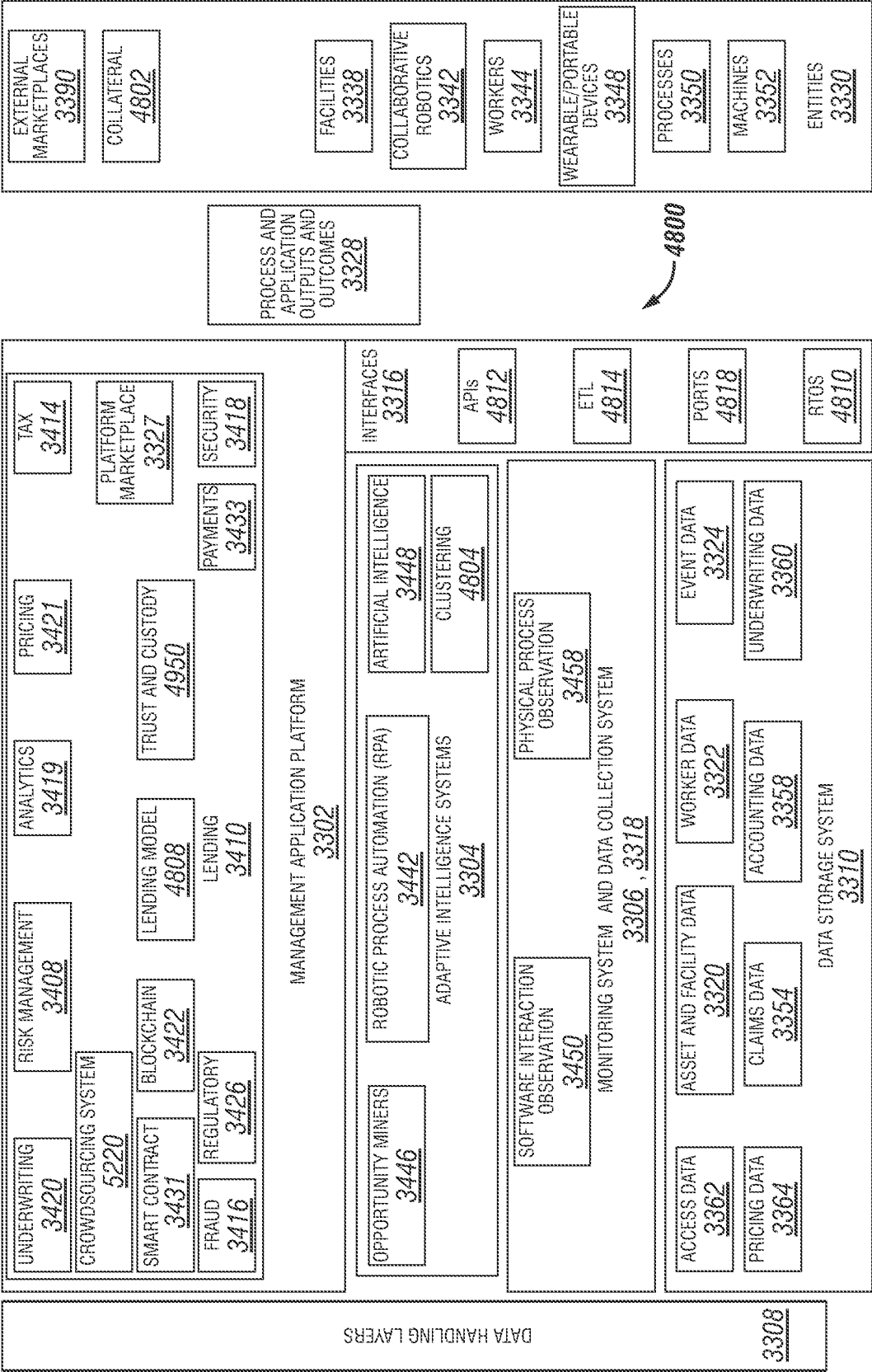
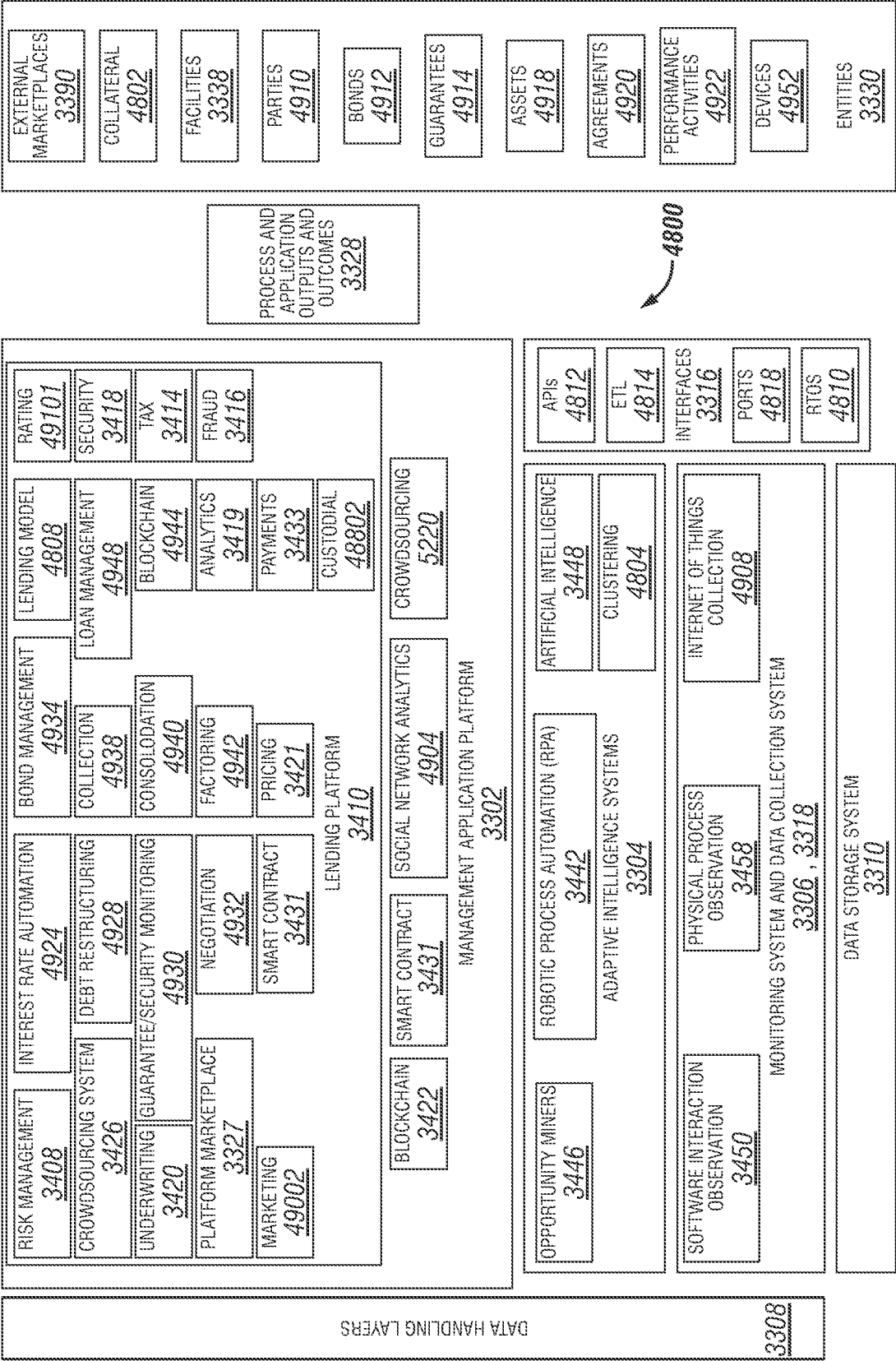


FIG. 48



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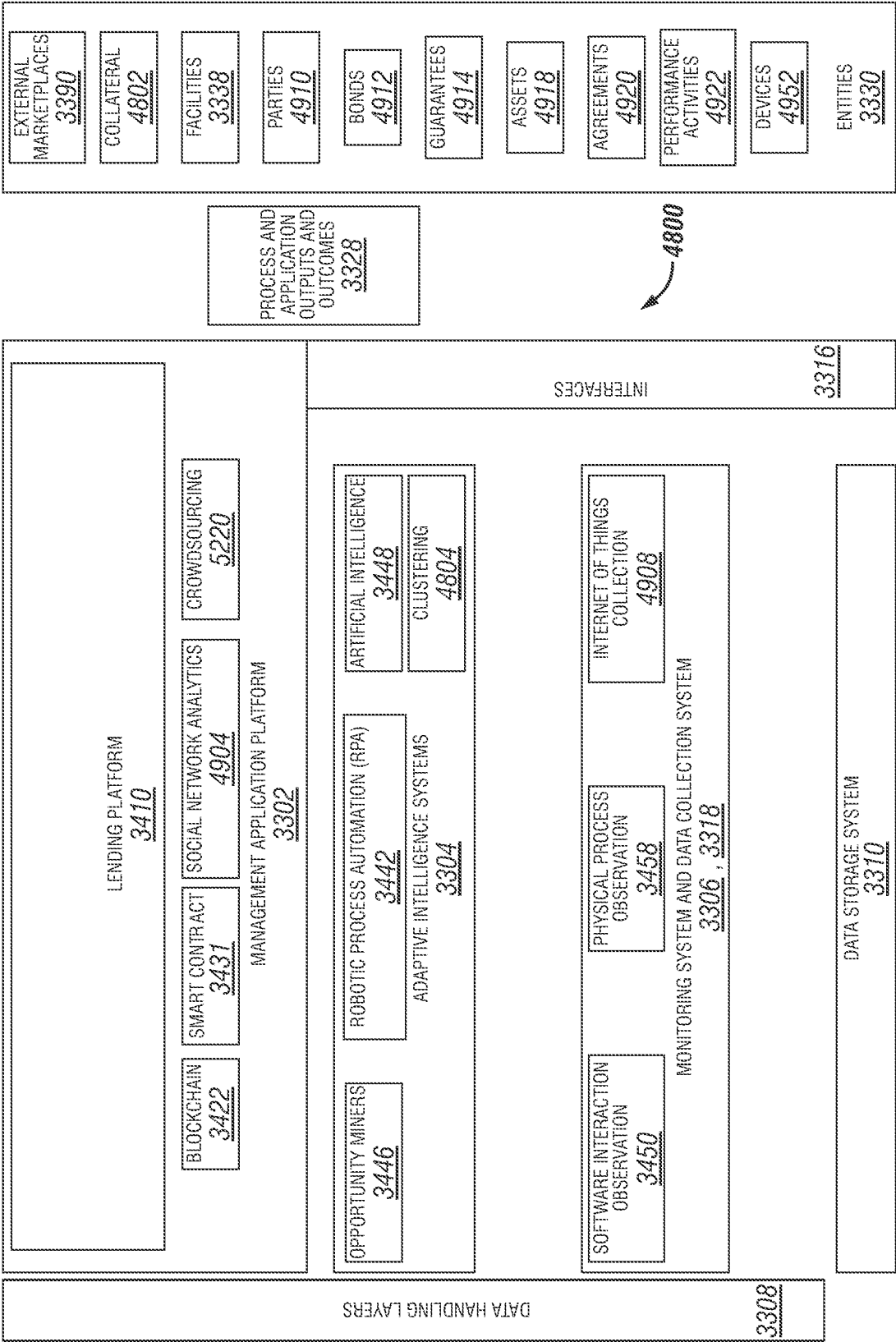


FIG. 50

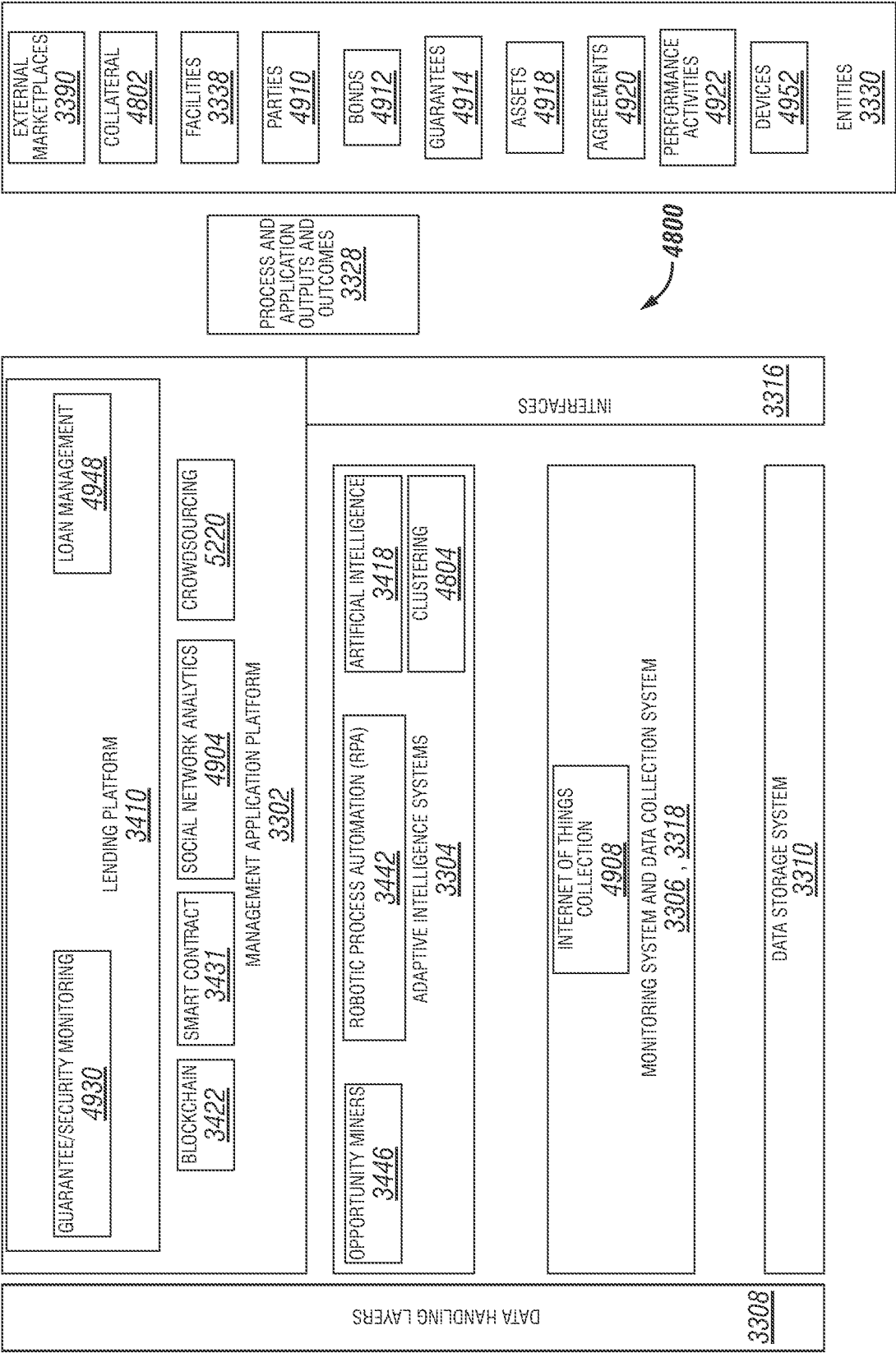


FIG. 51

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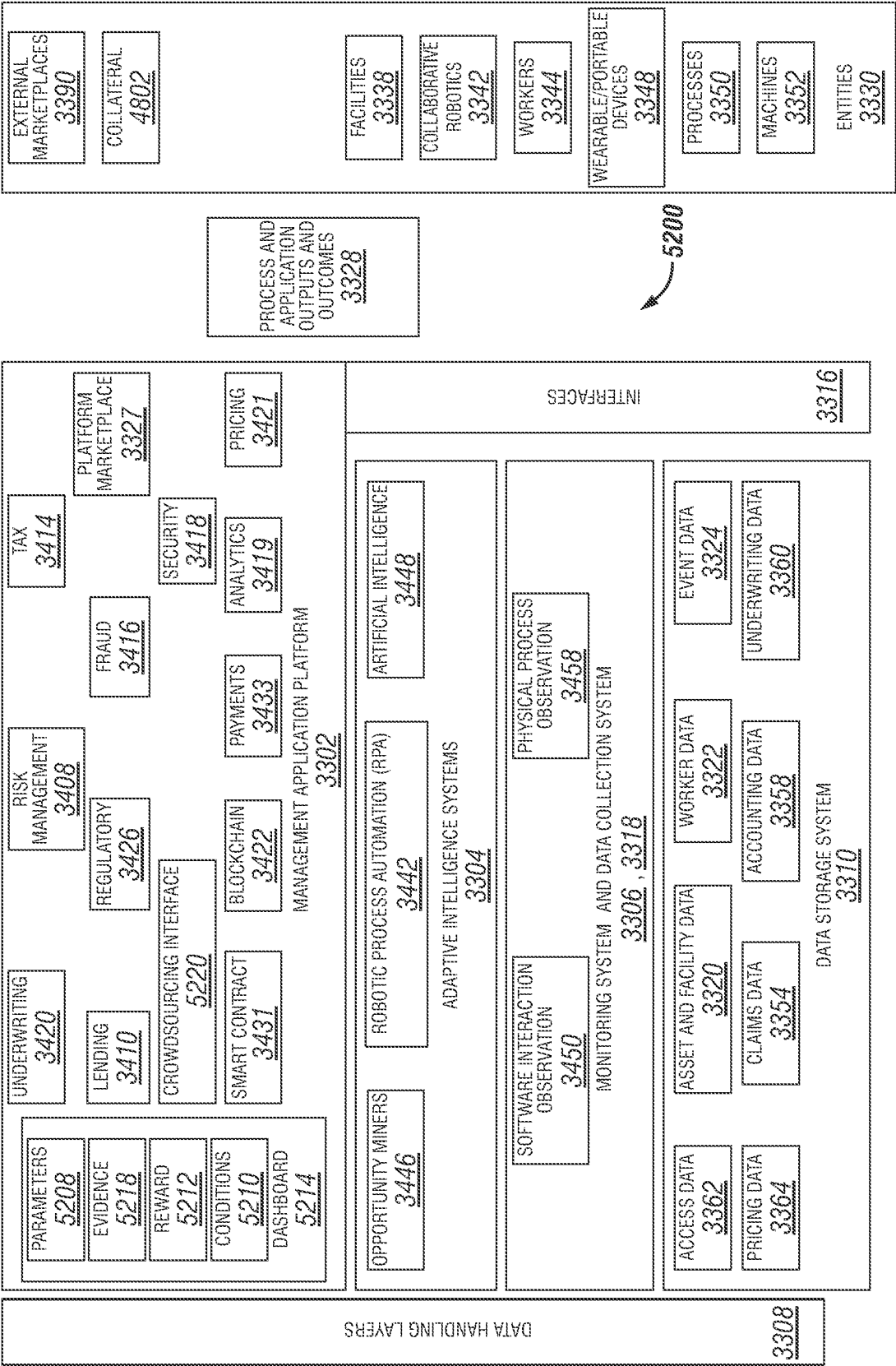


FIG. 52

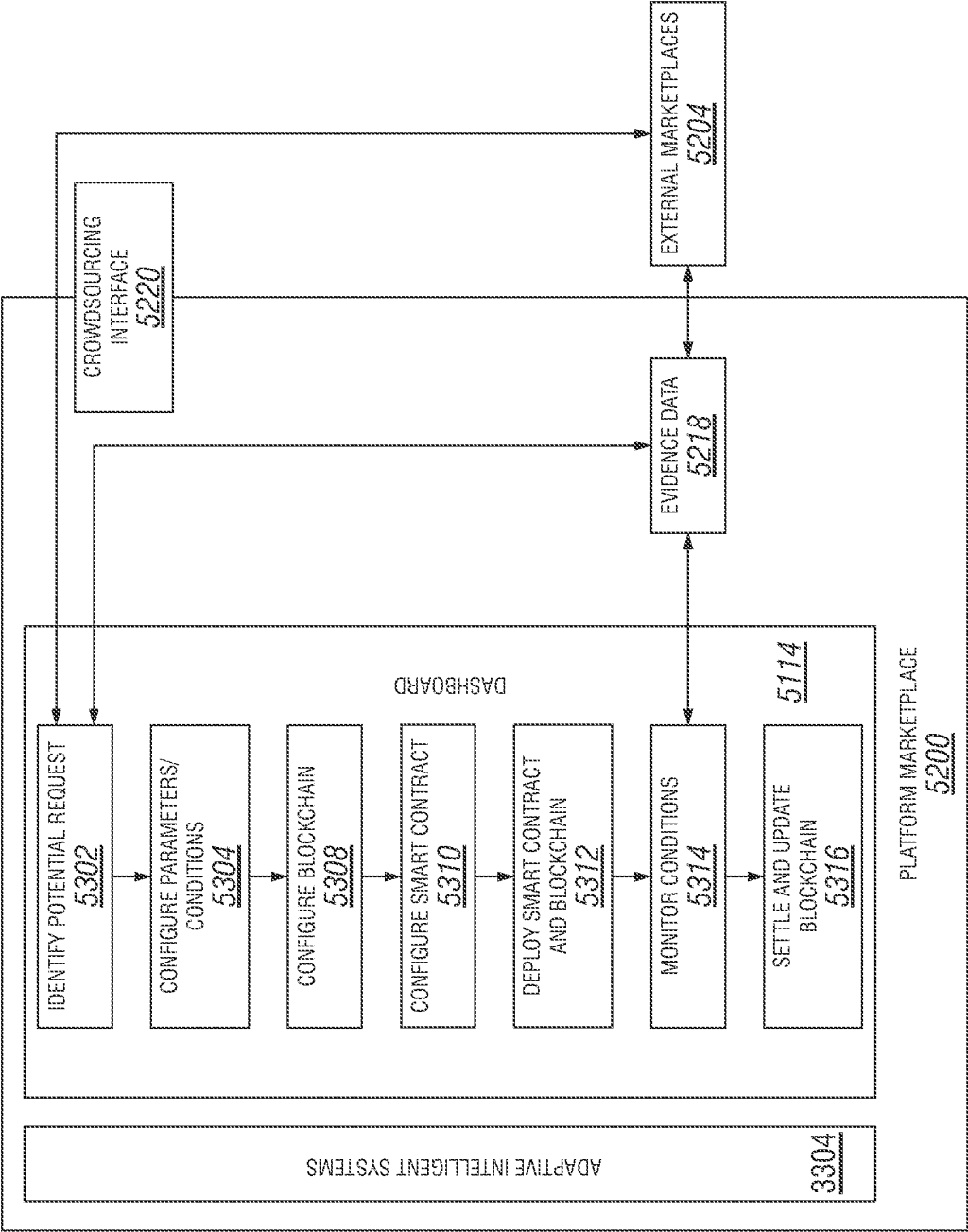


FIG. 53

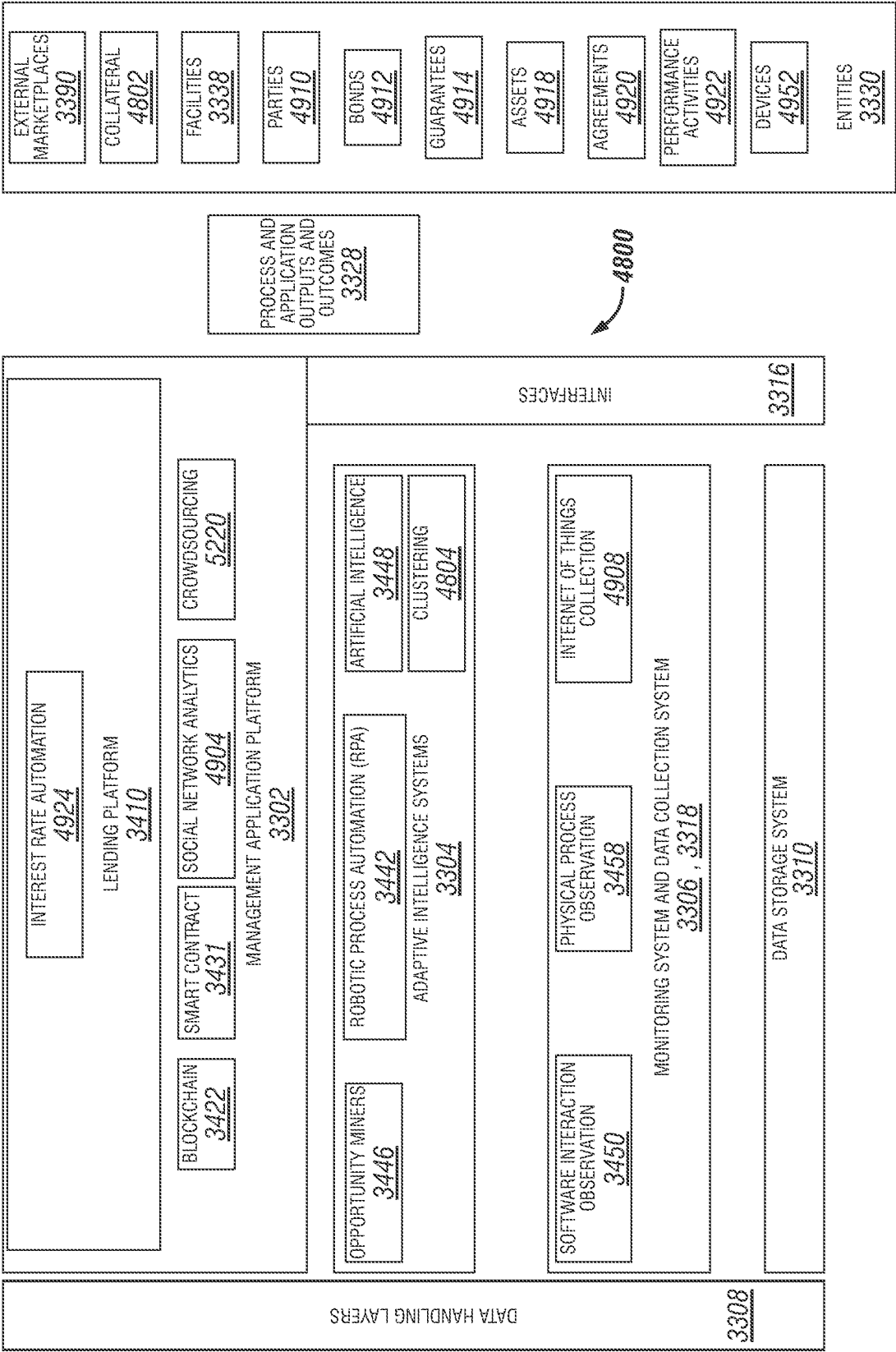


FIG. 54

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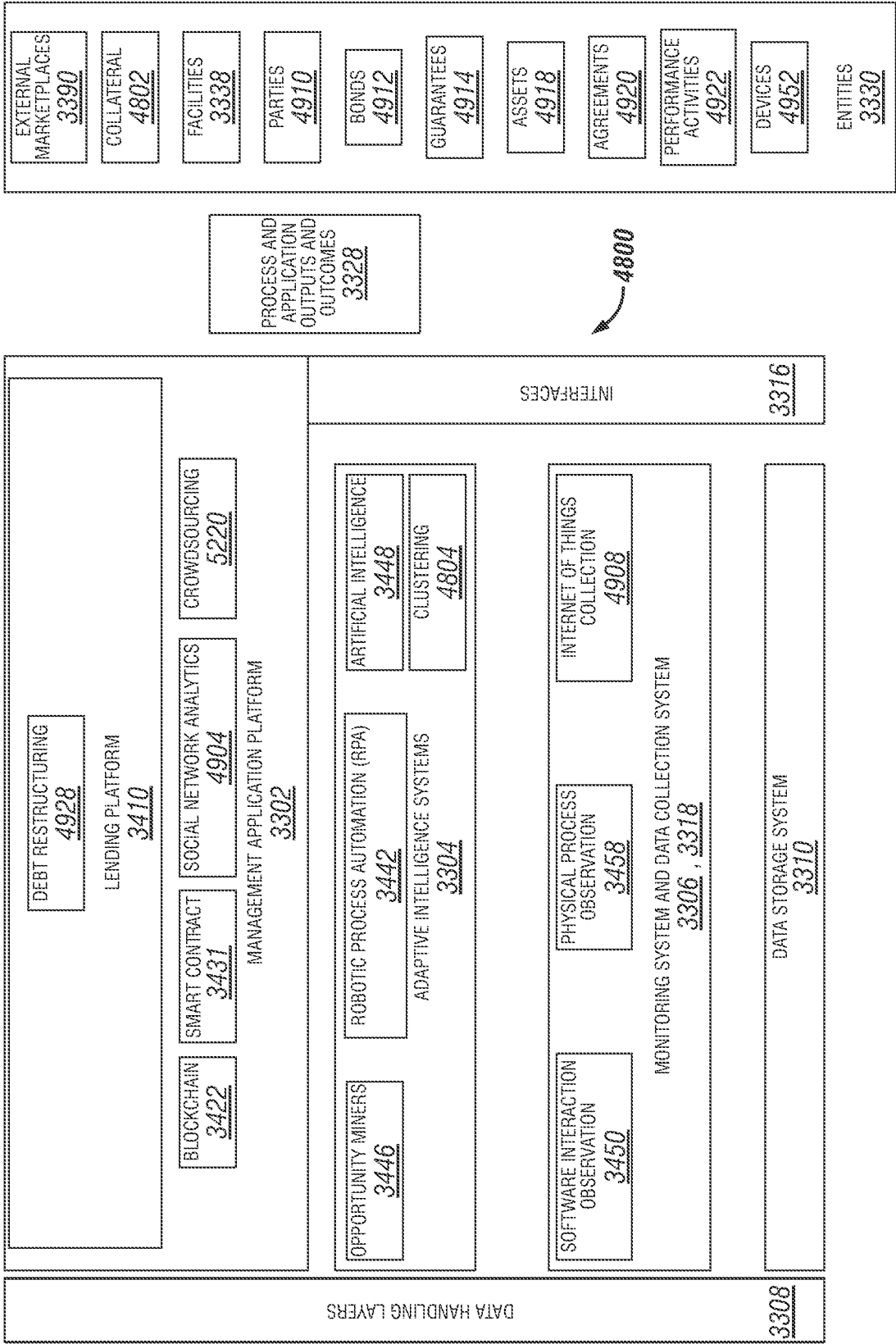


FIG. 55

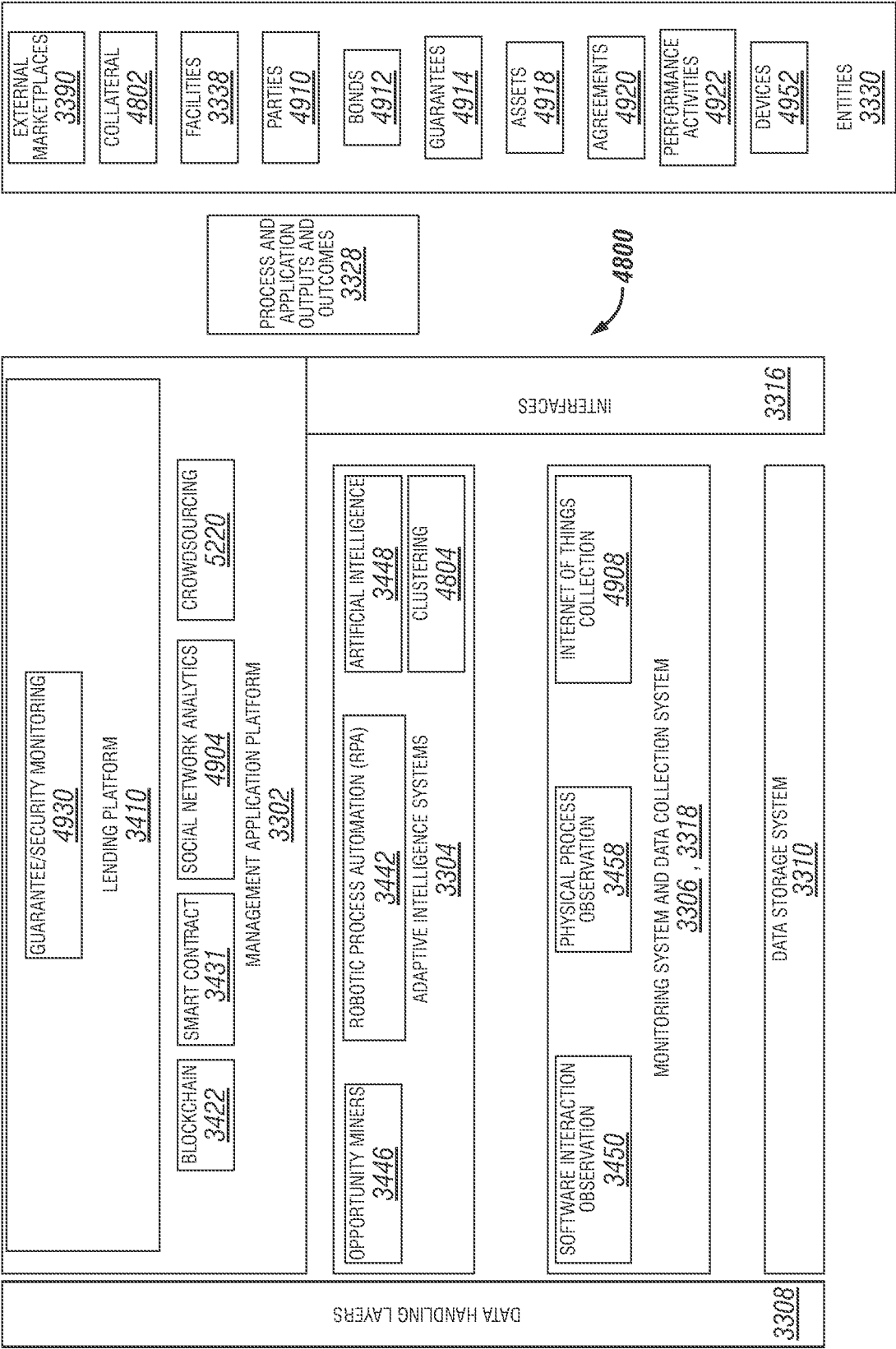


FIG. 56

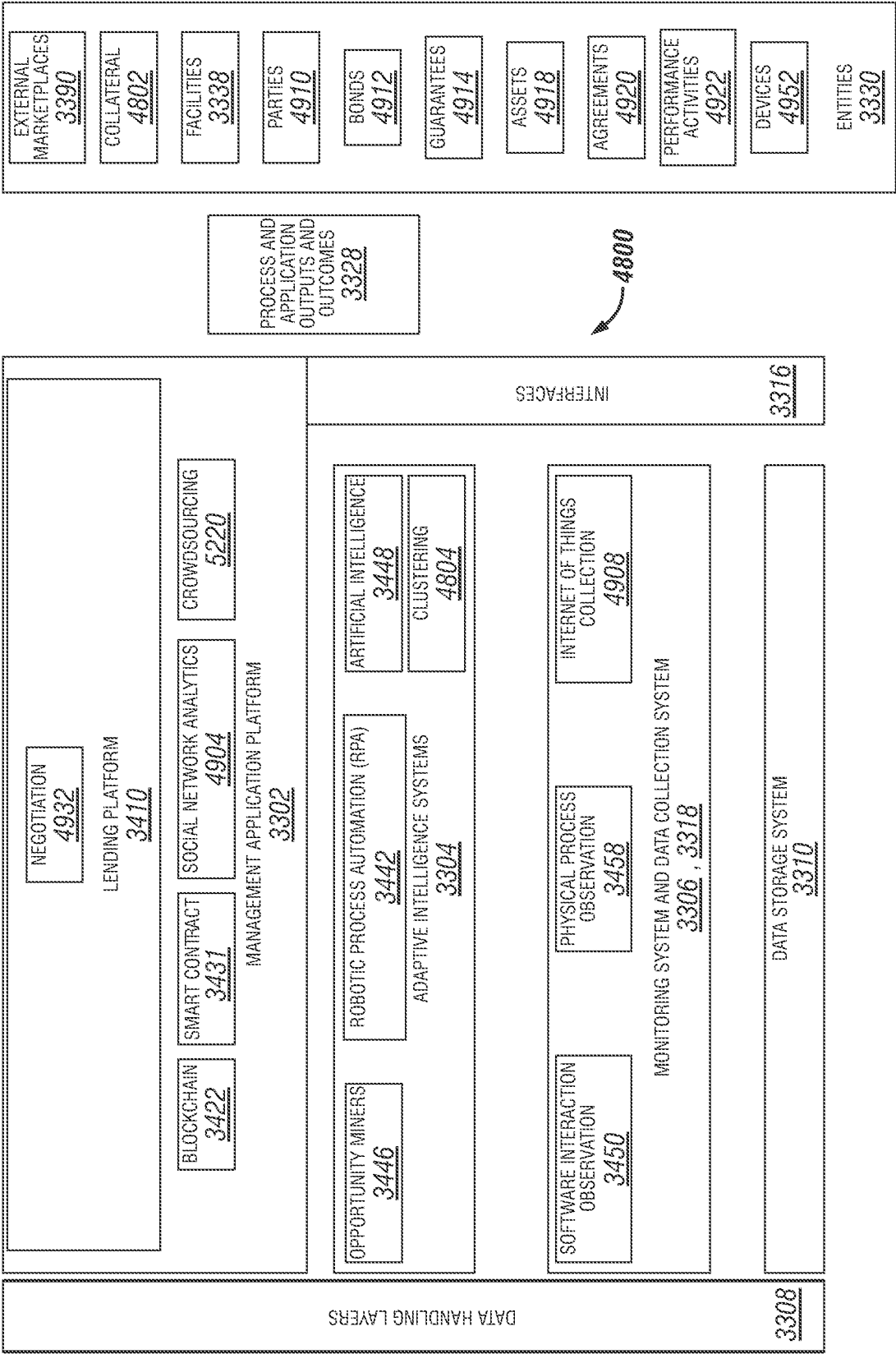


FIG. 57

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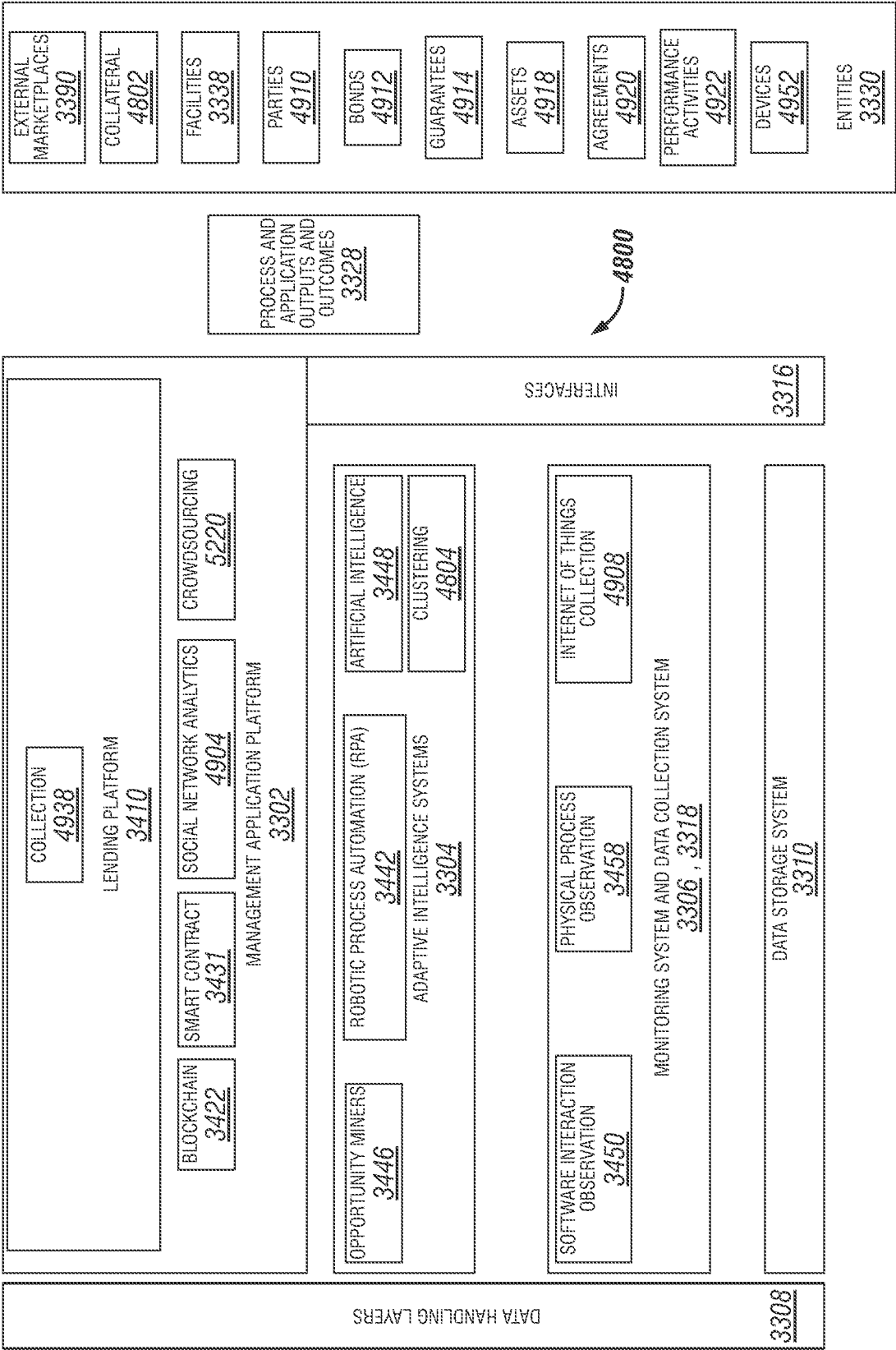


FIG. 58

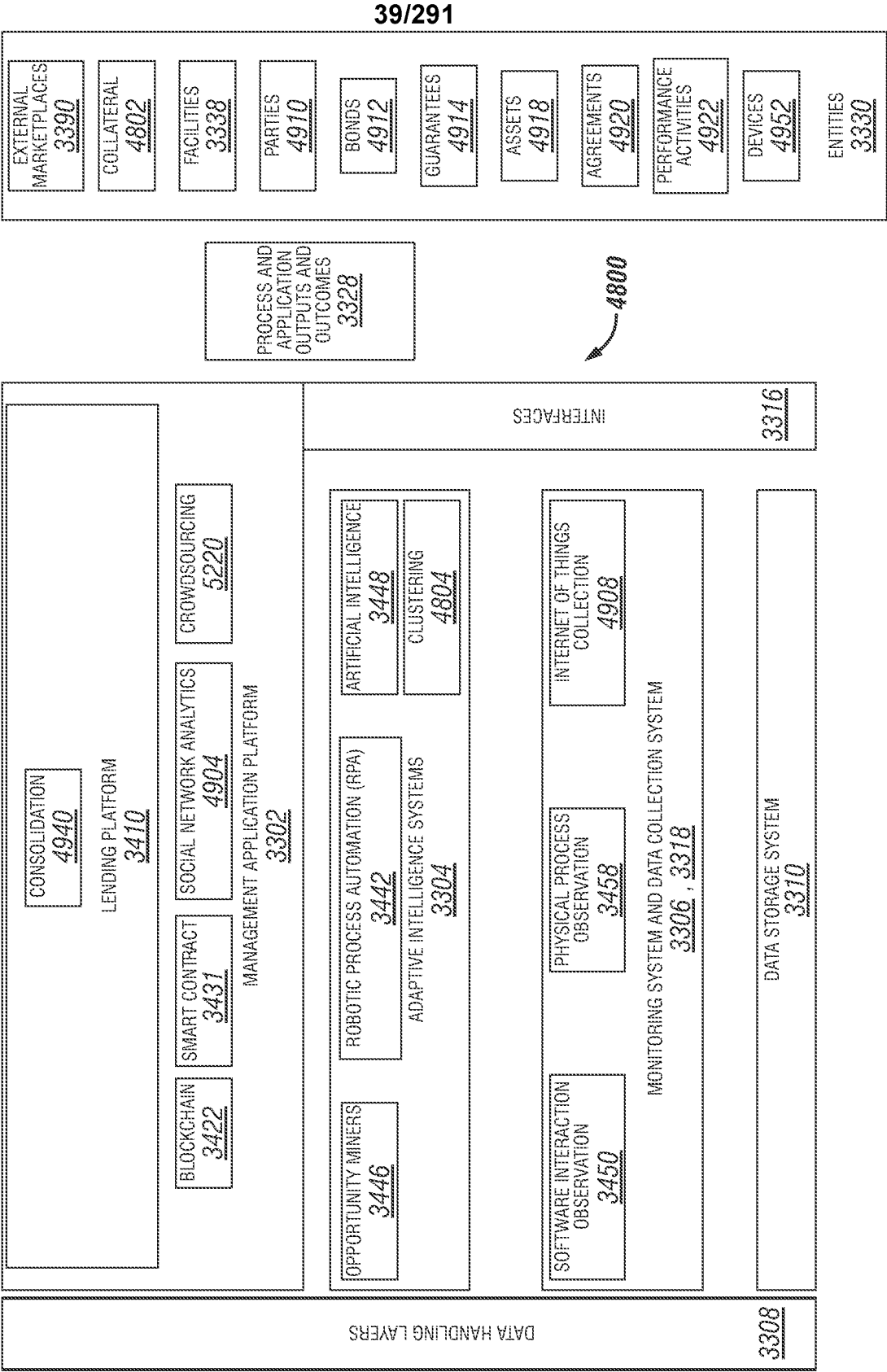


FIG. 59

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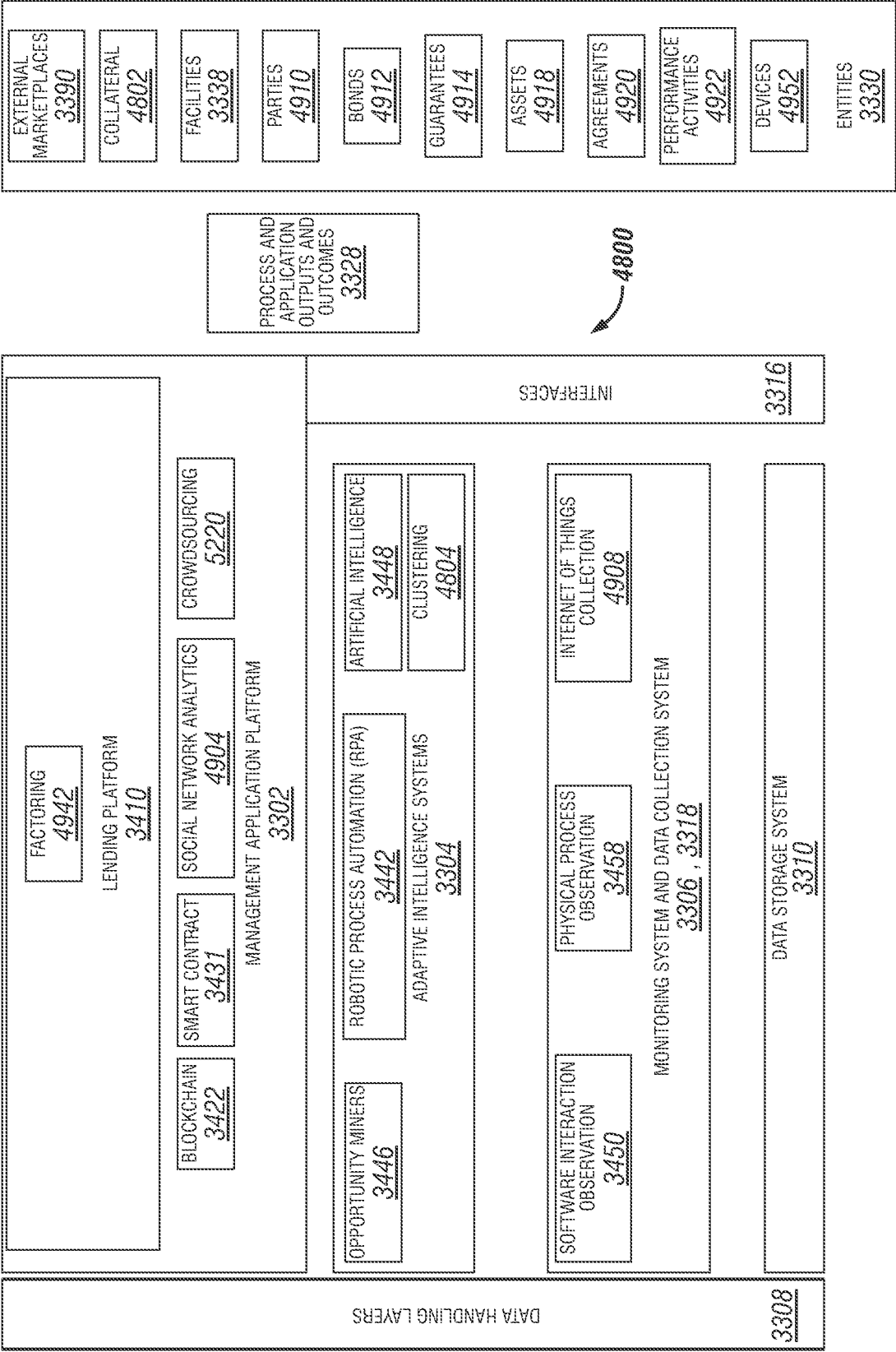


FIG. 60

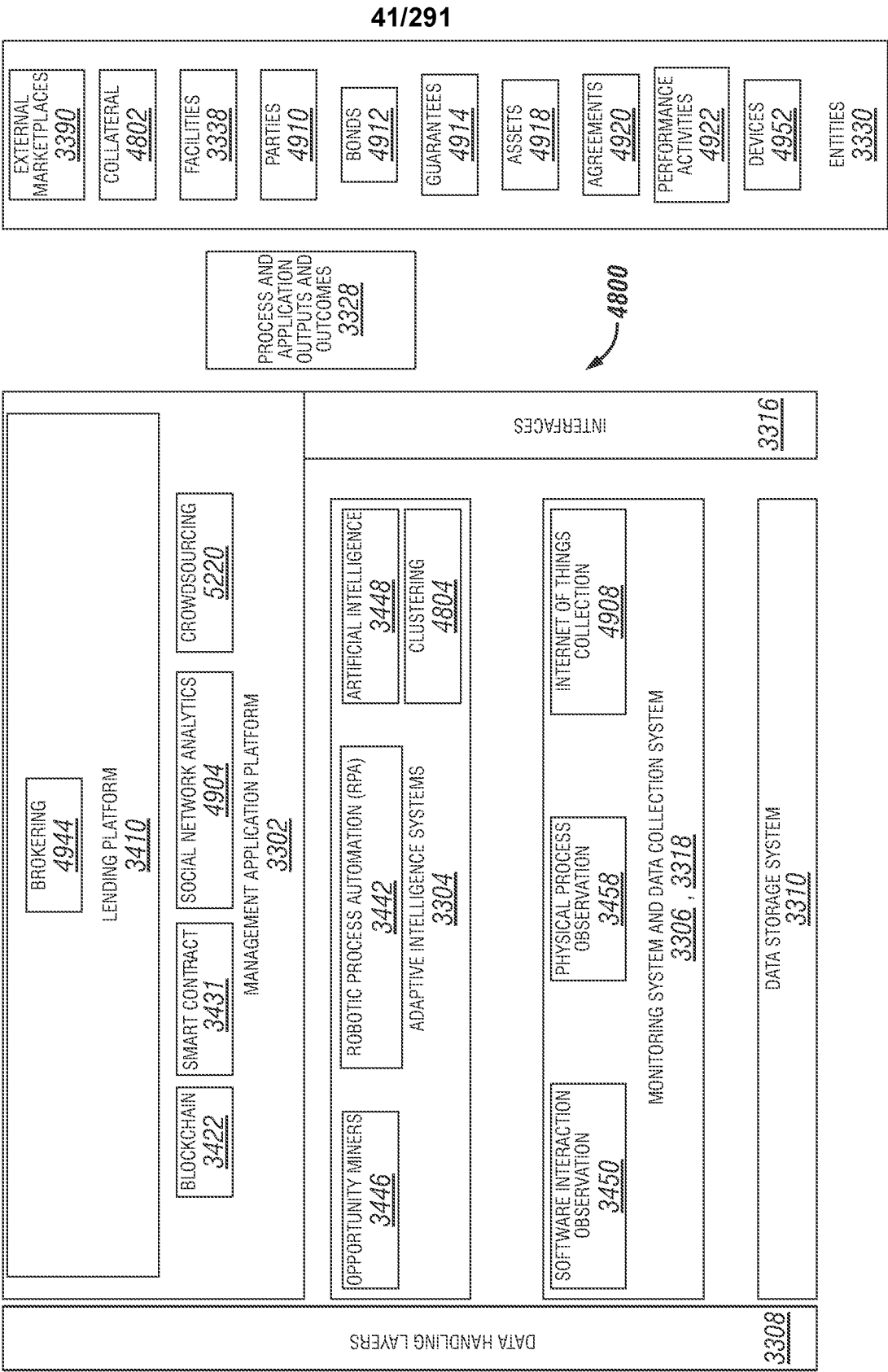


FIG. 61

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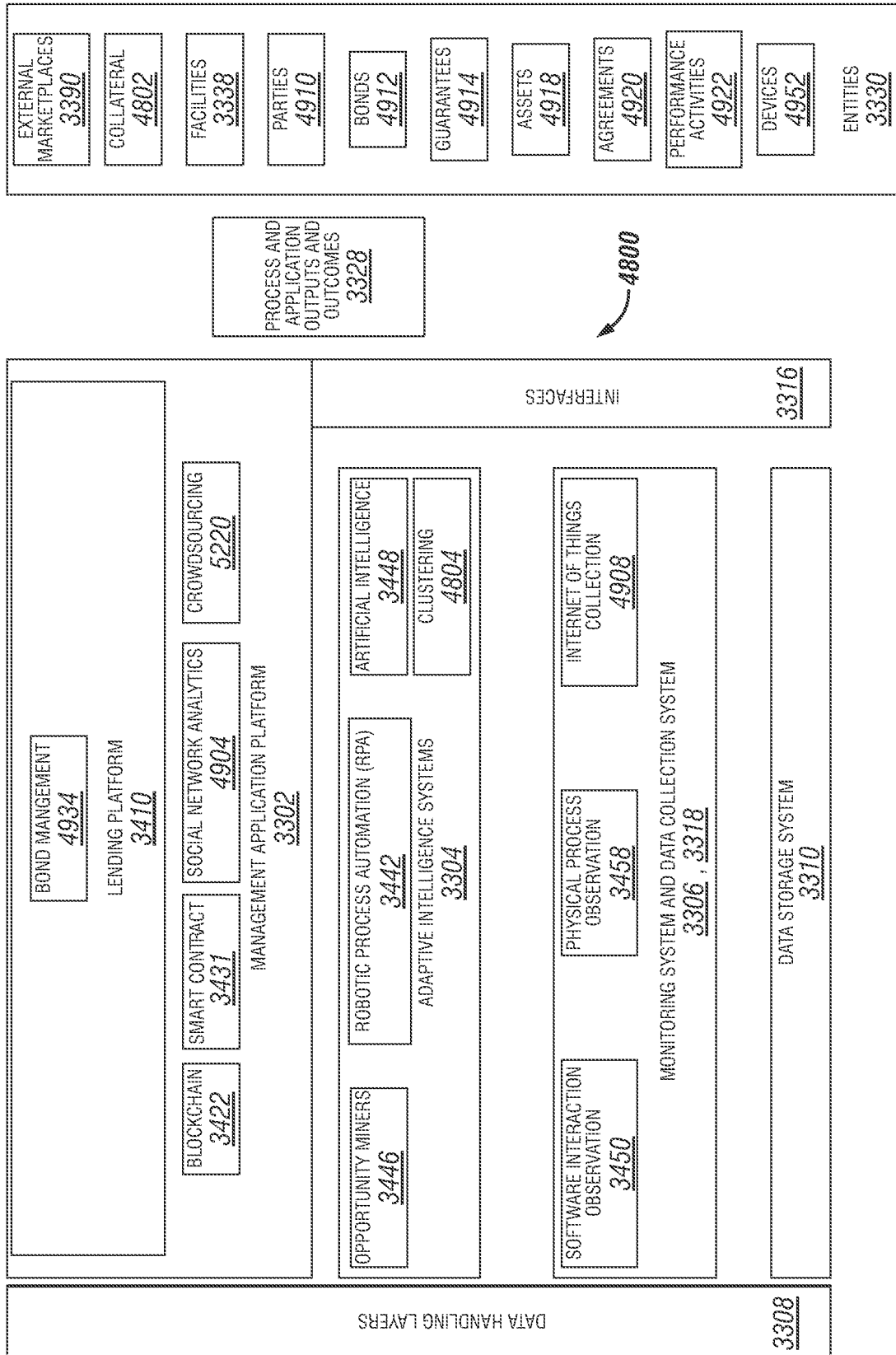


FIG. 62

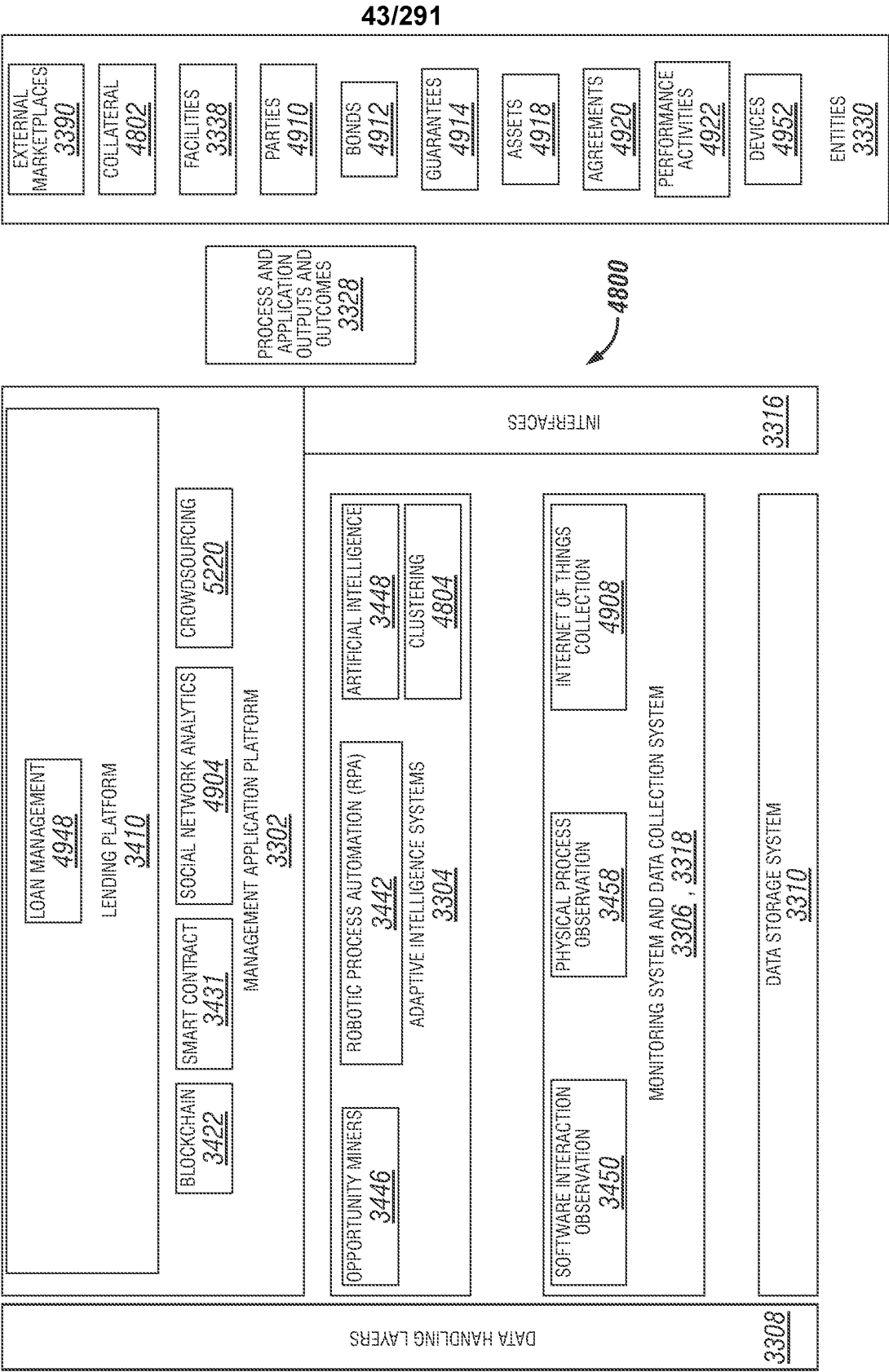


FIG. 63

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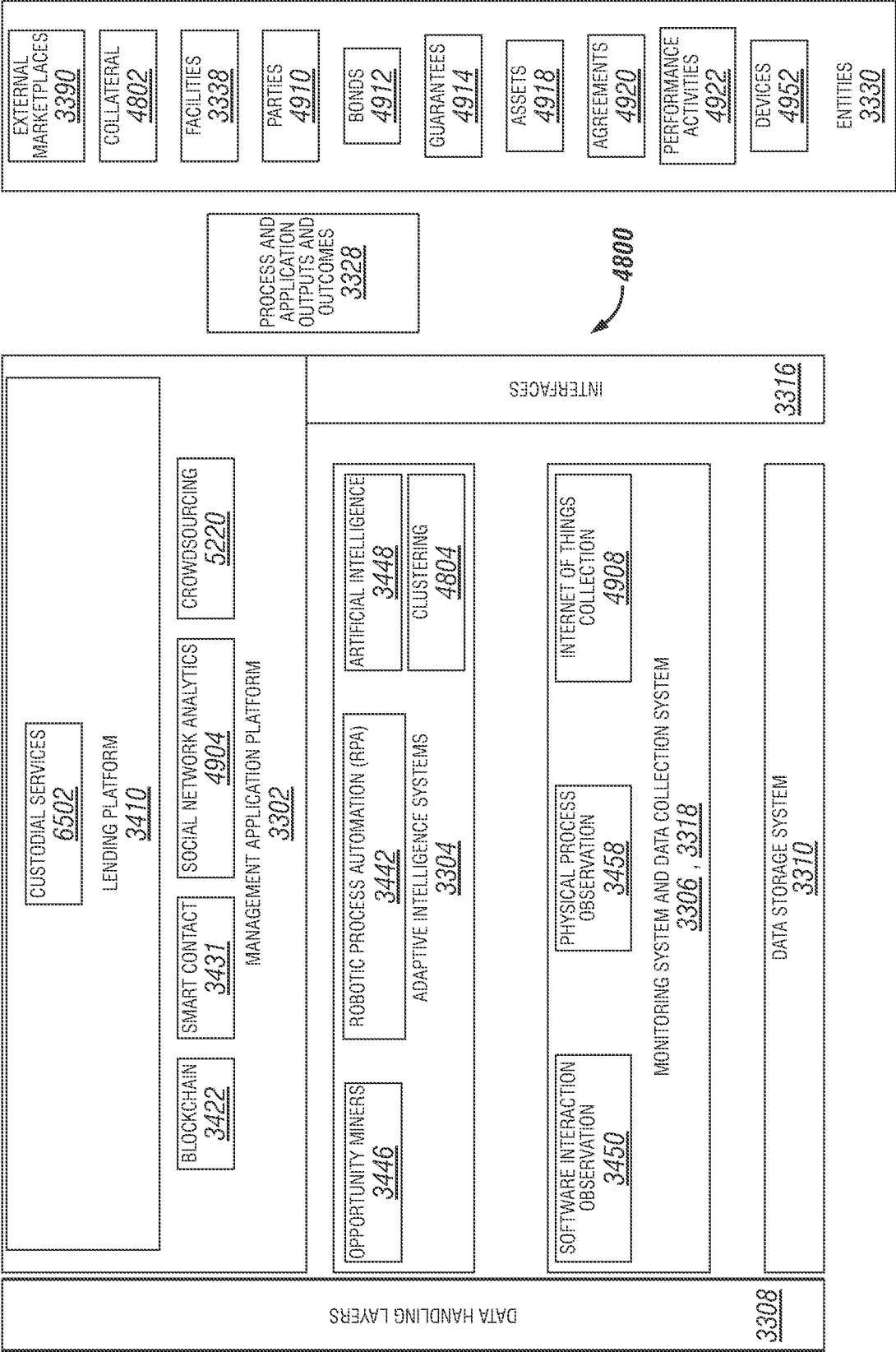


FIG. 64

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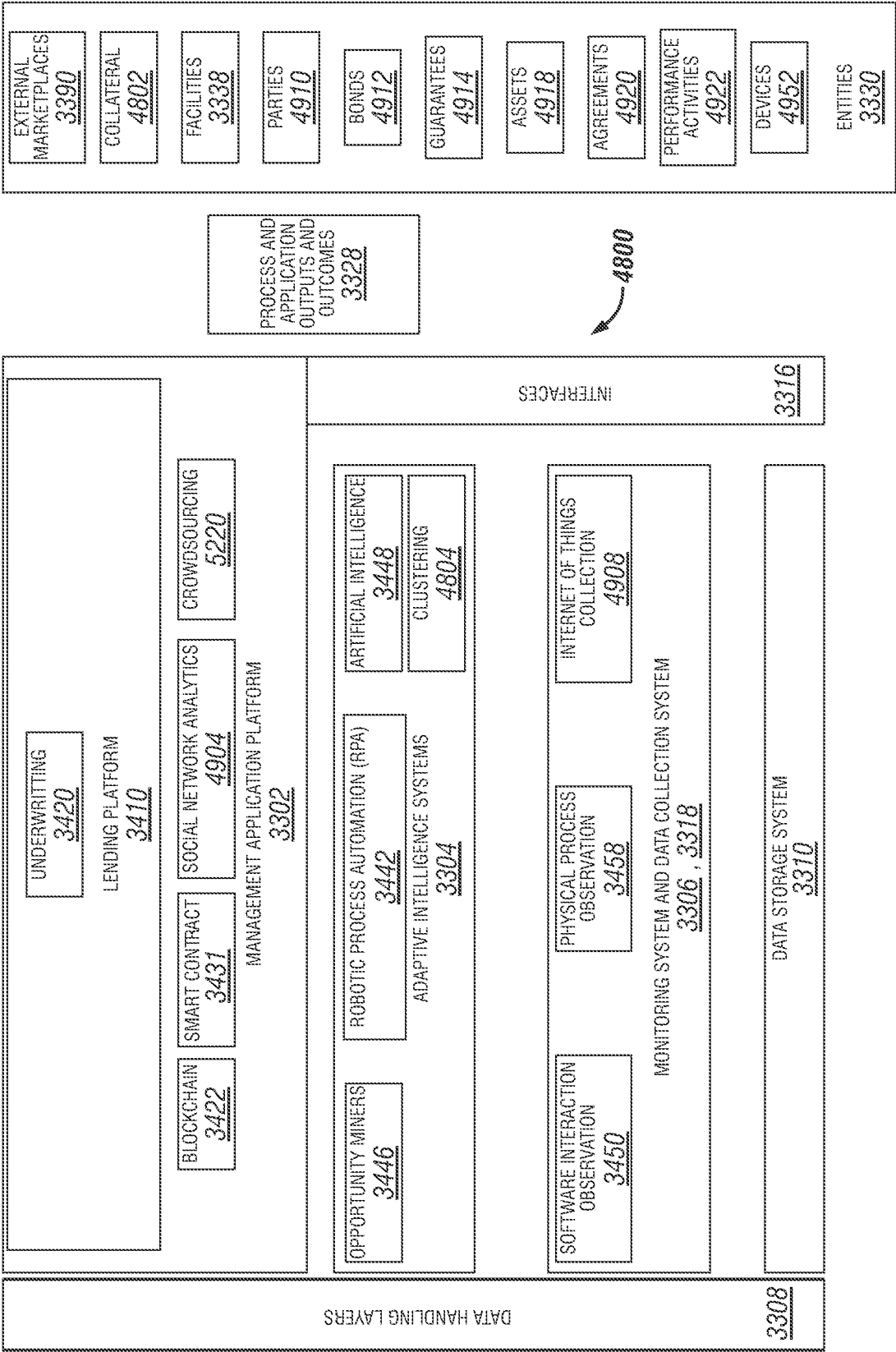


FIG. 65

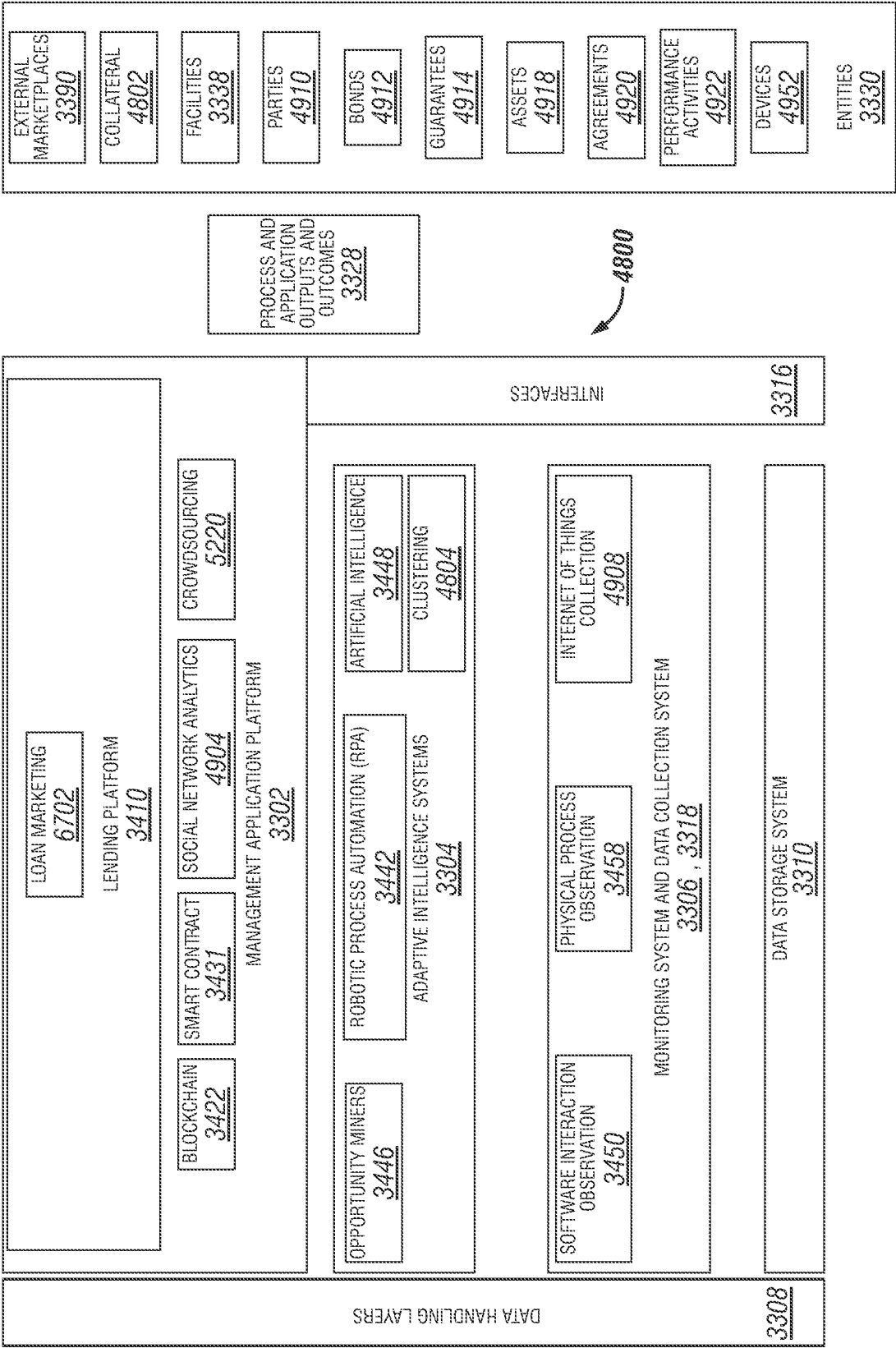


FIG. 66

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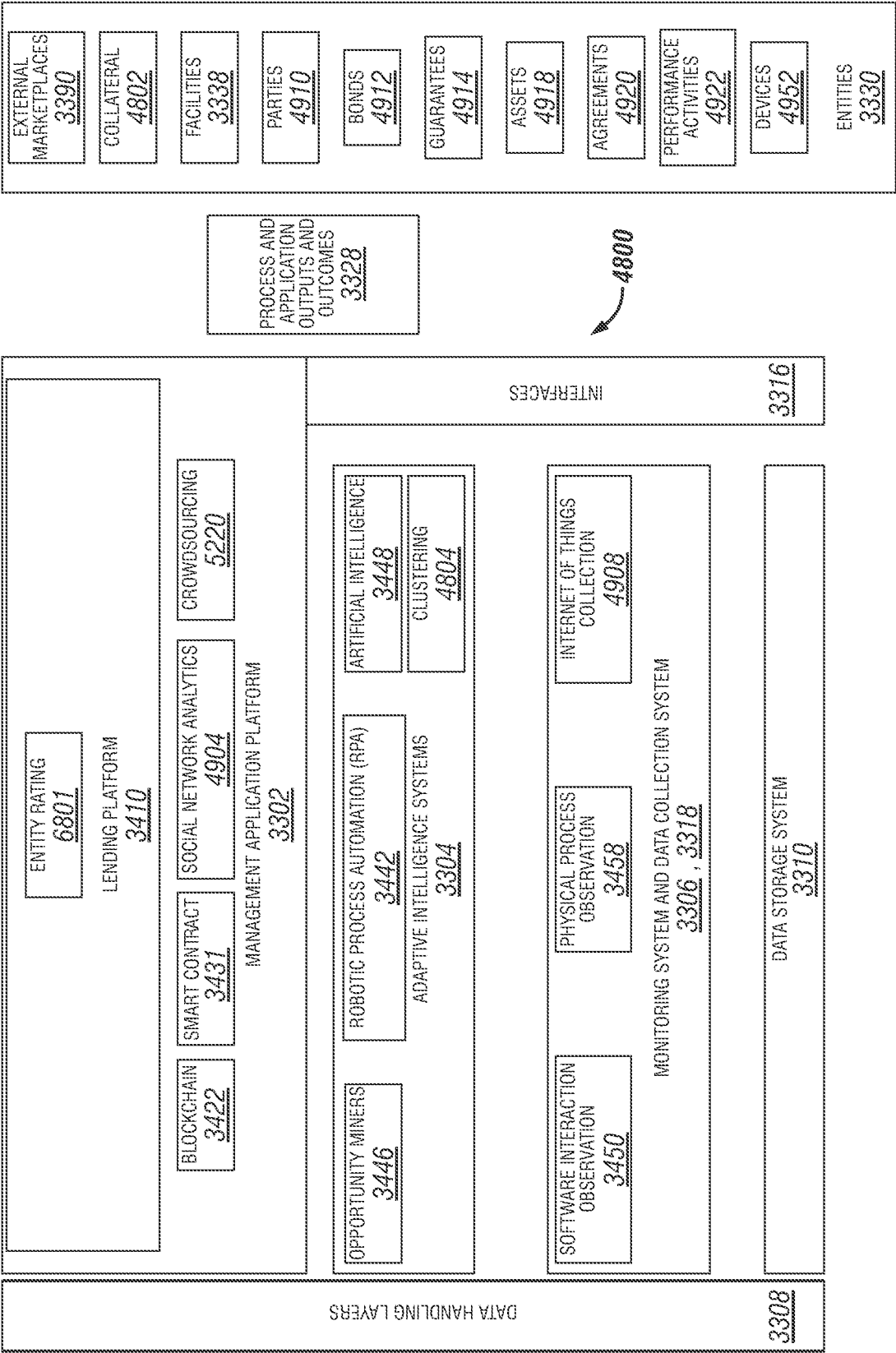


FIG. 67

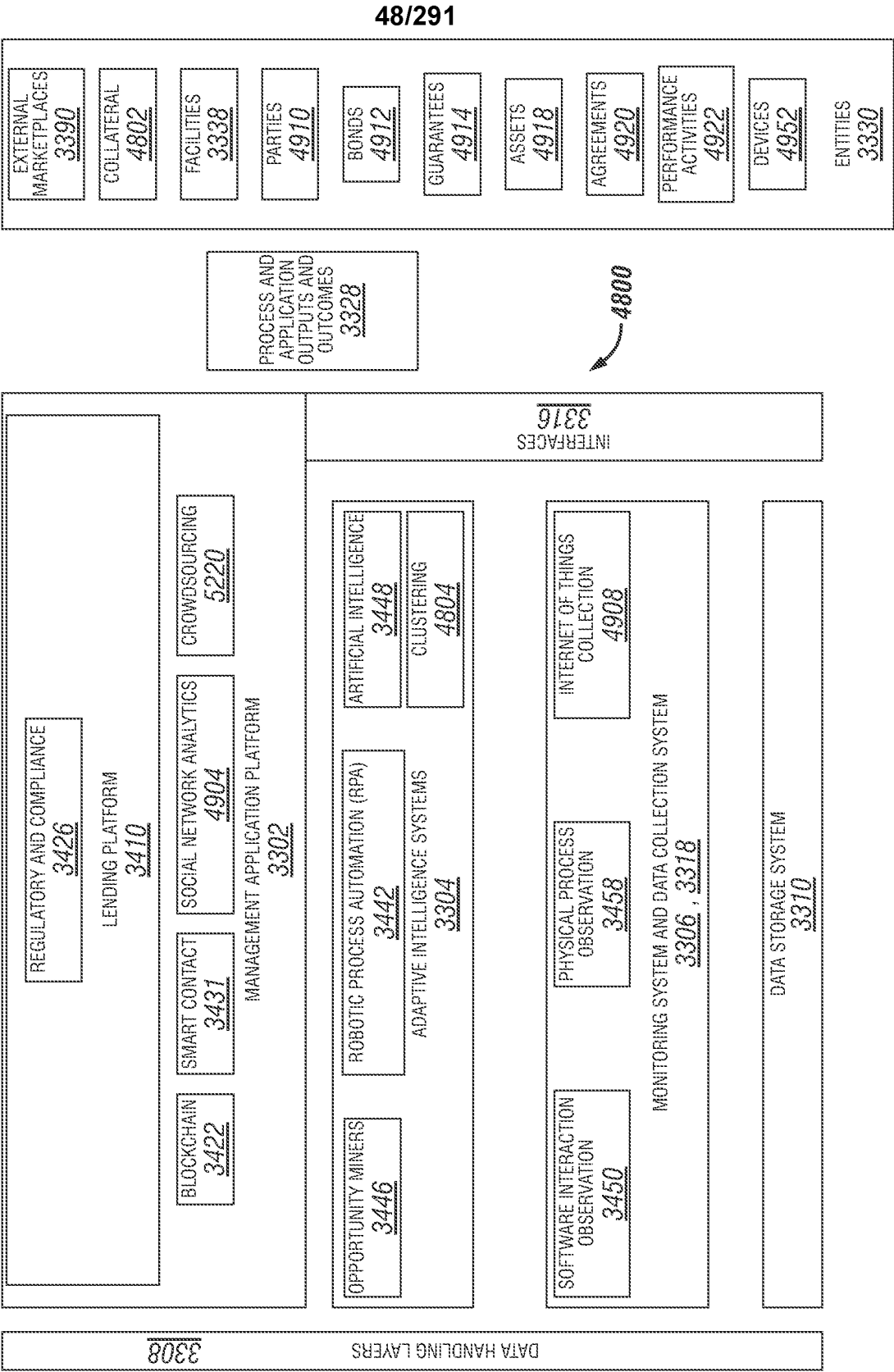


FIG. 68

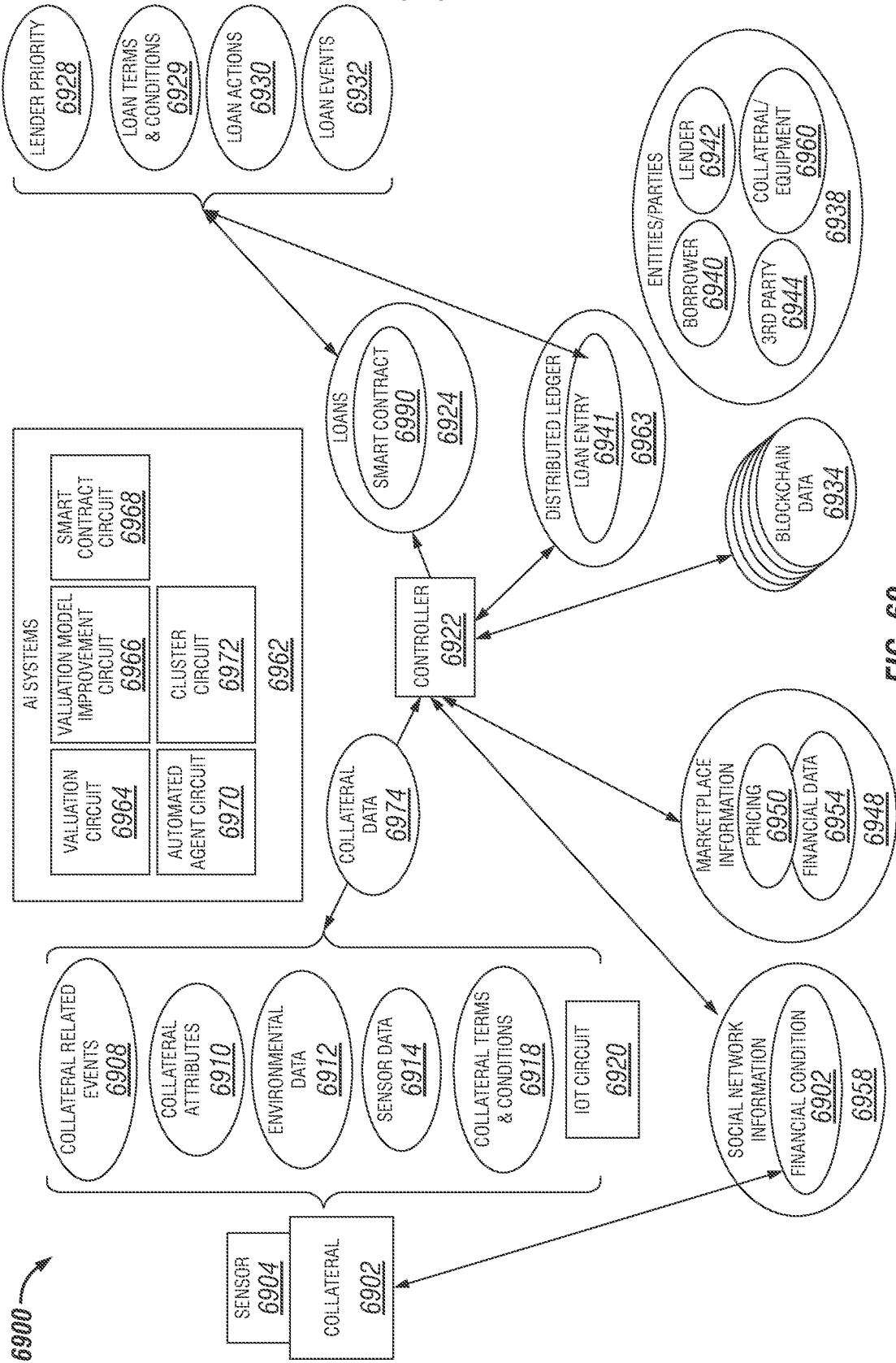


FIG. 69

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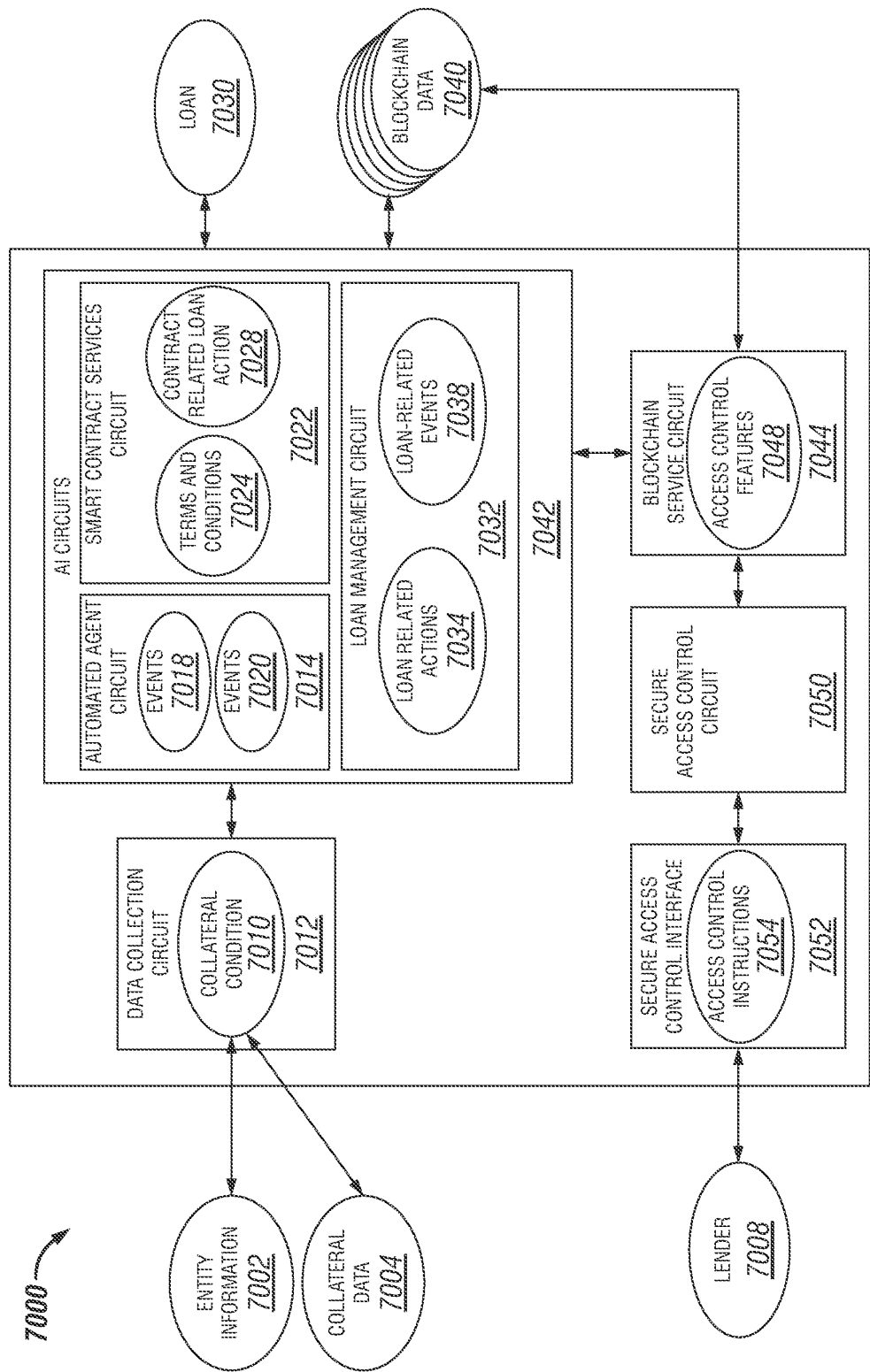


FIG. 70

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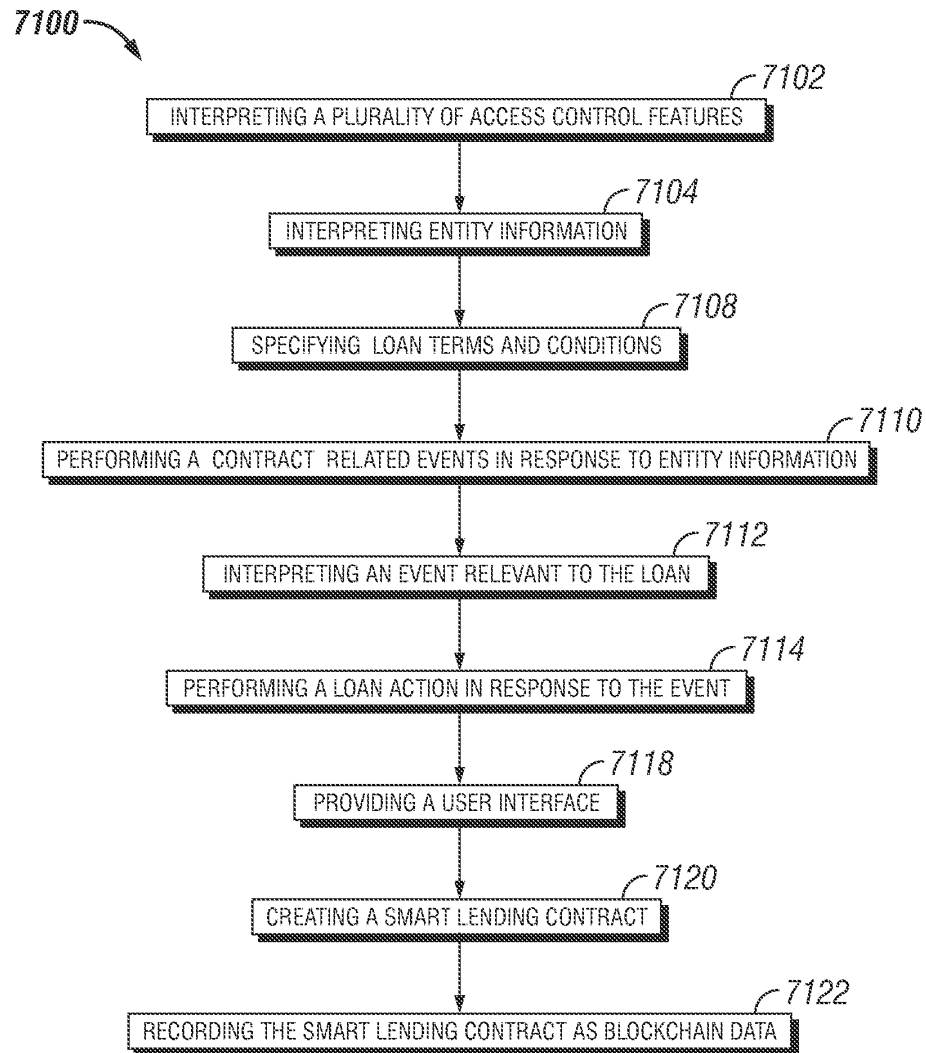


FIG. 71

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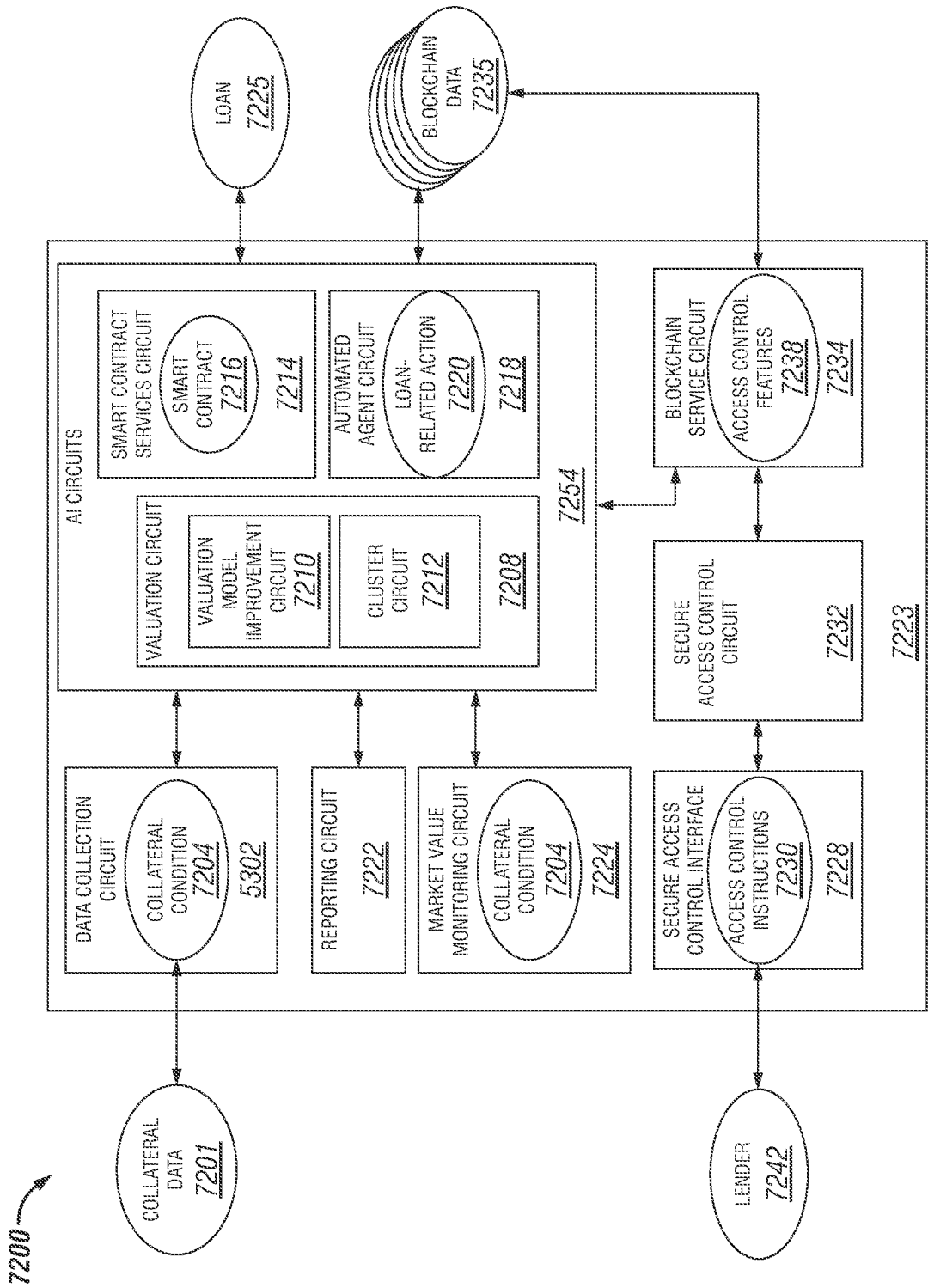


FIG. 72

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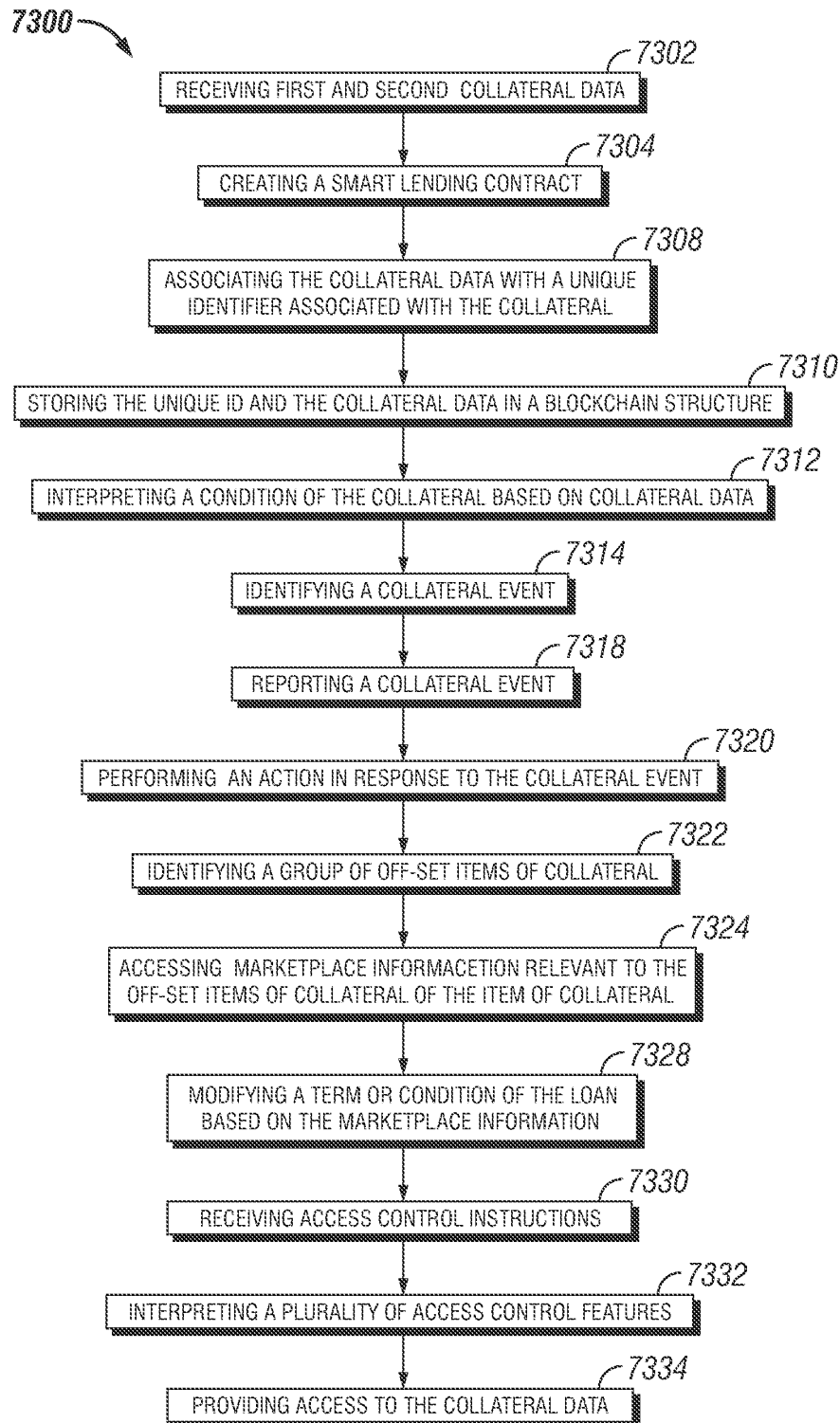


FIG. 73

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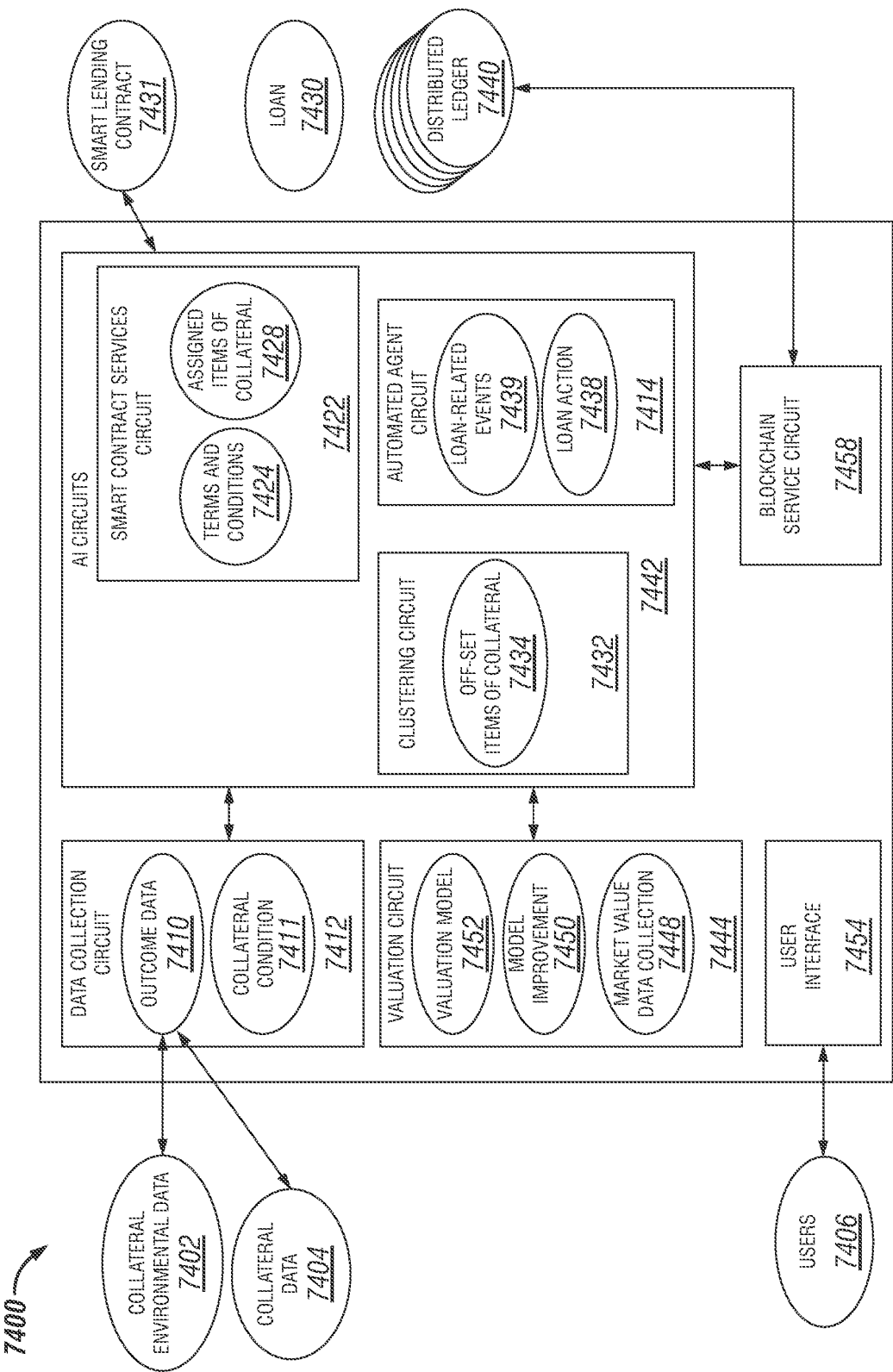


FIG. 74

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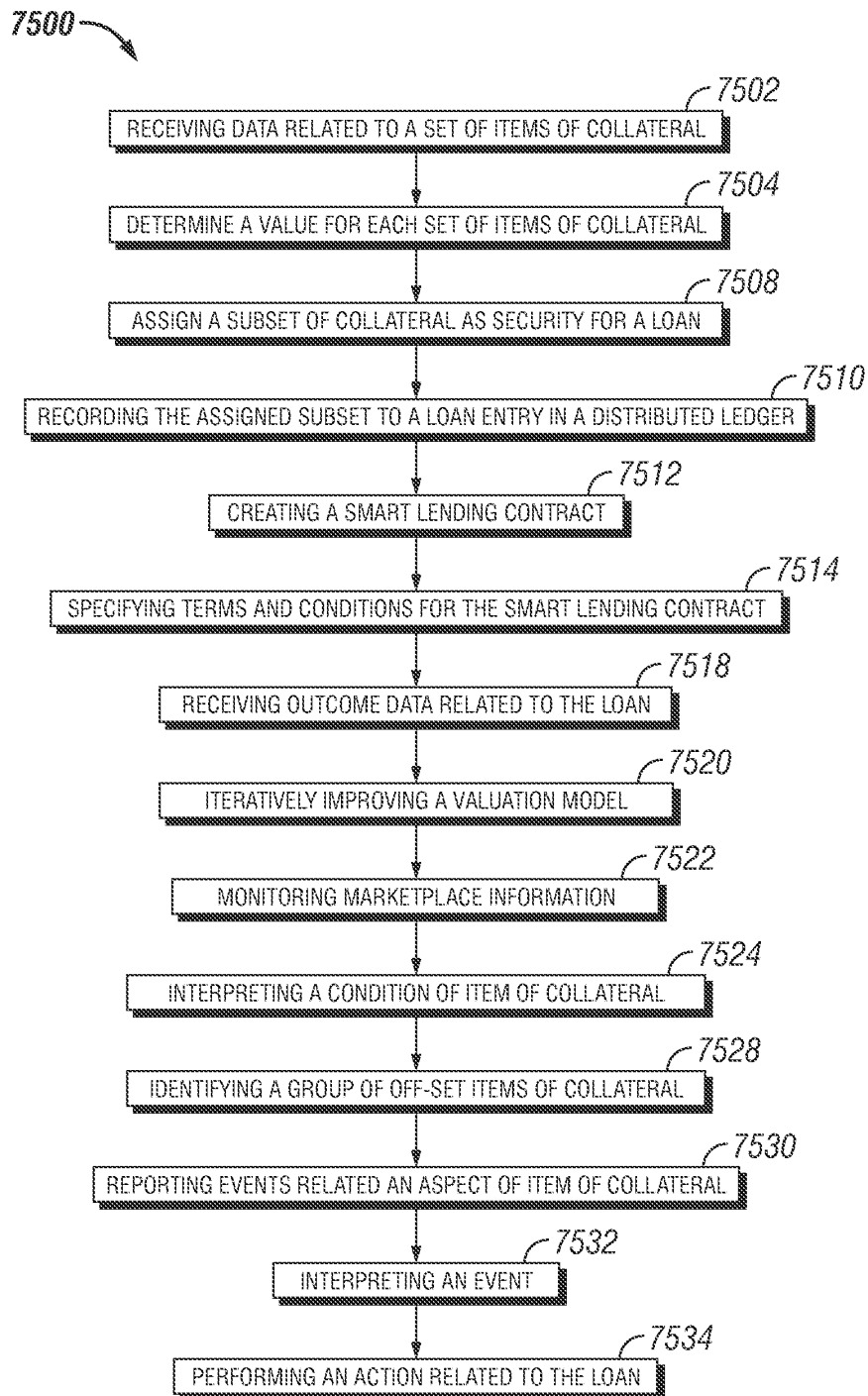


FIG. 75

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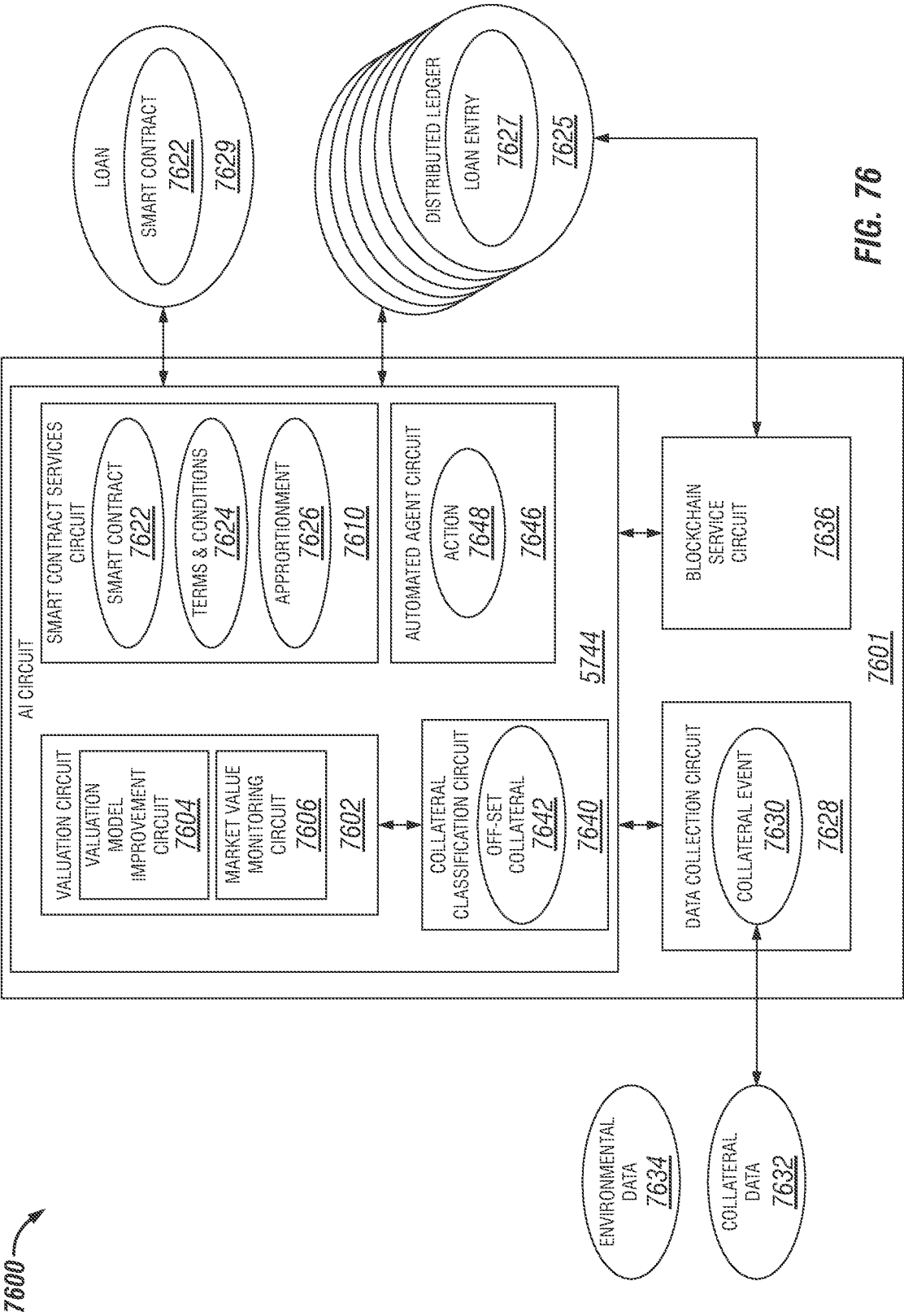
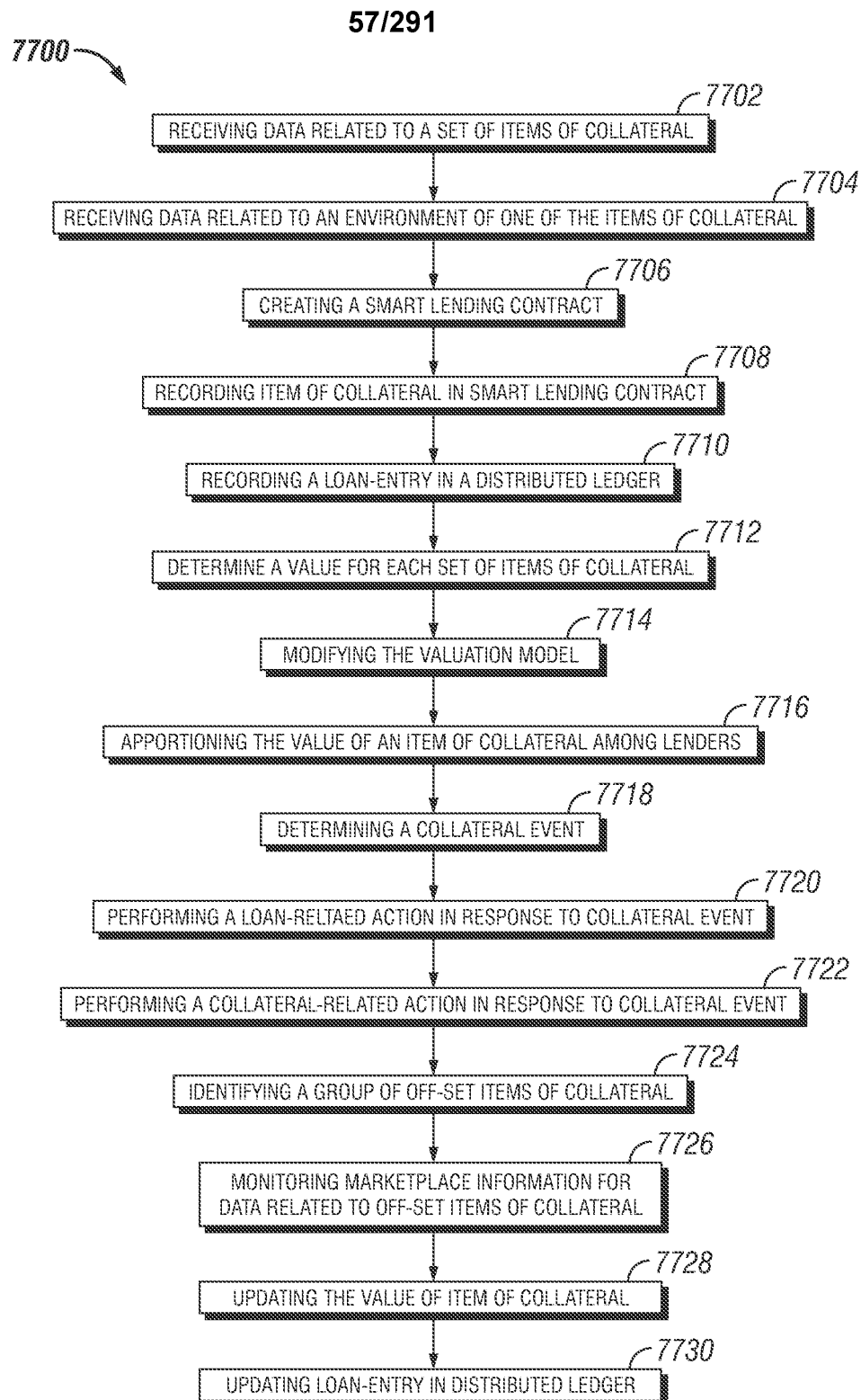


FIG. 76

**FIG. 77**

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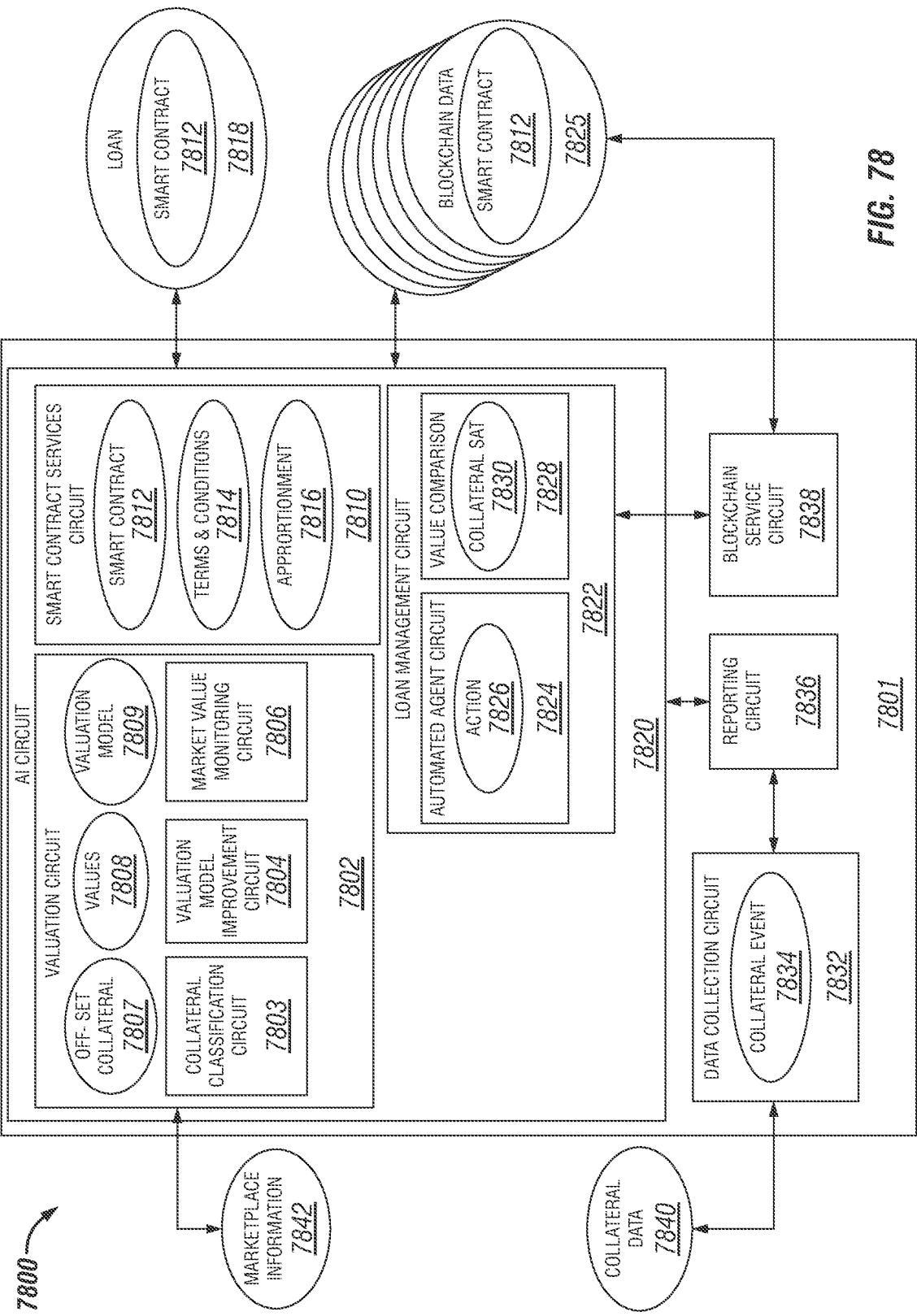


FIG. 78

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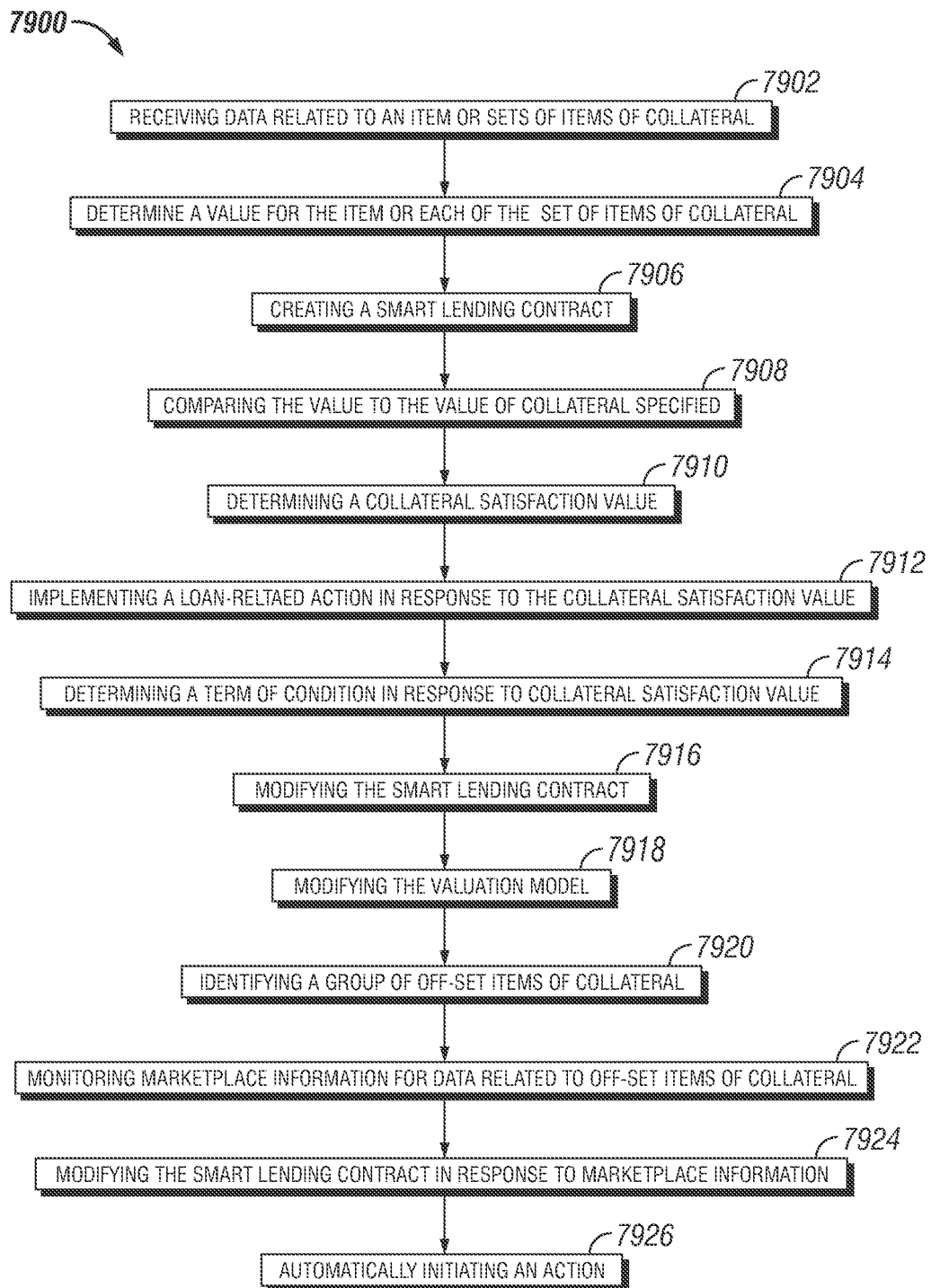
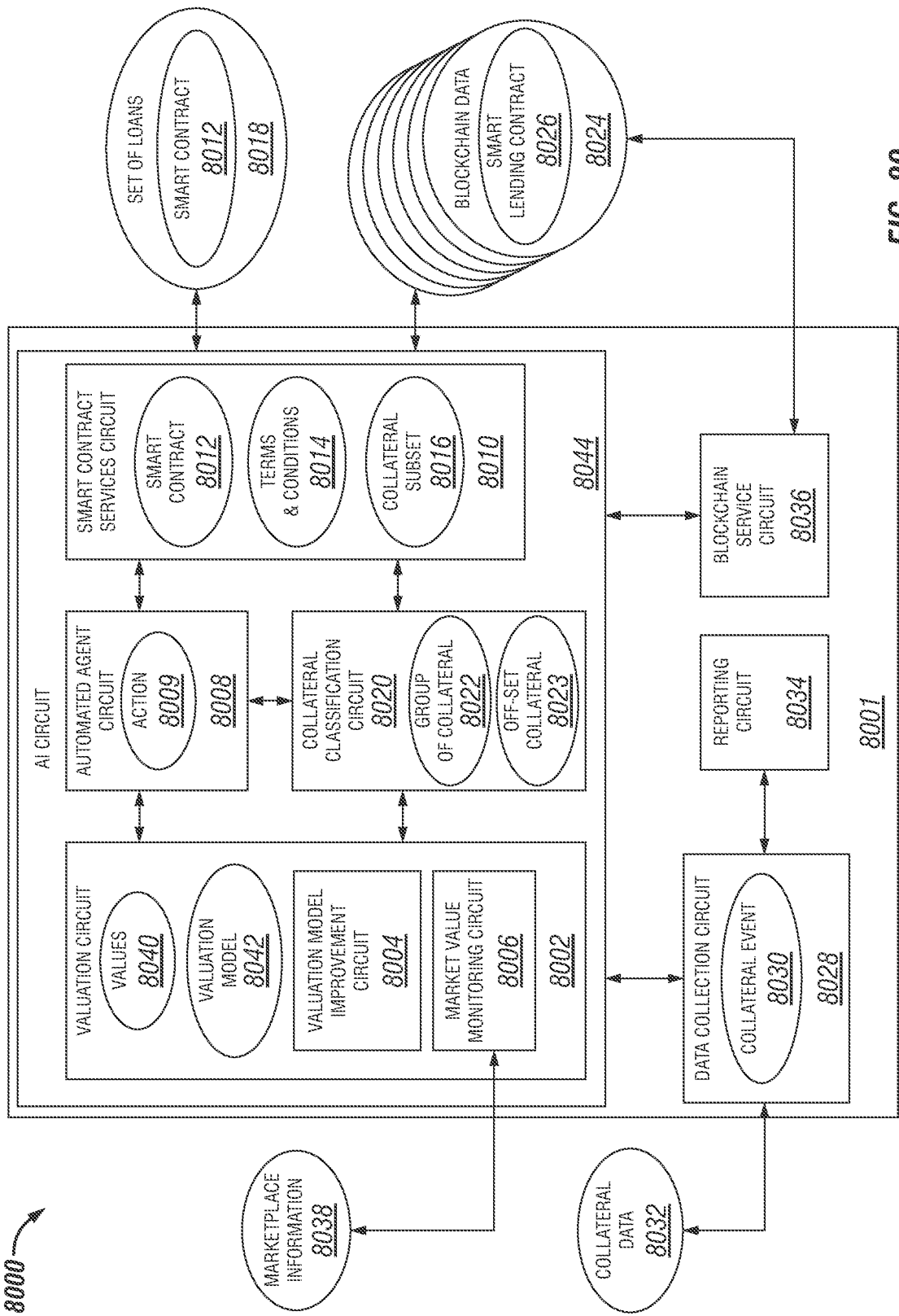


FIG. 79

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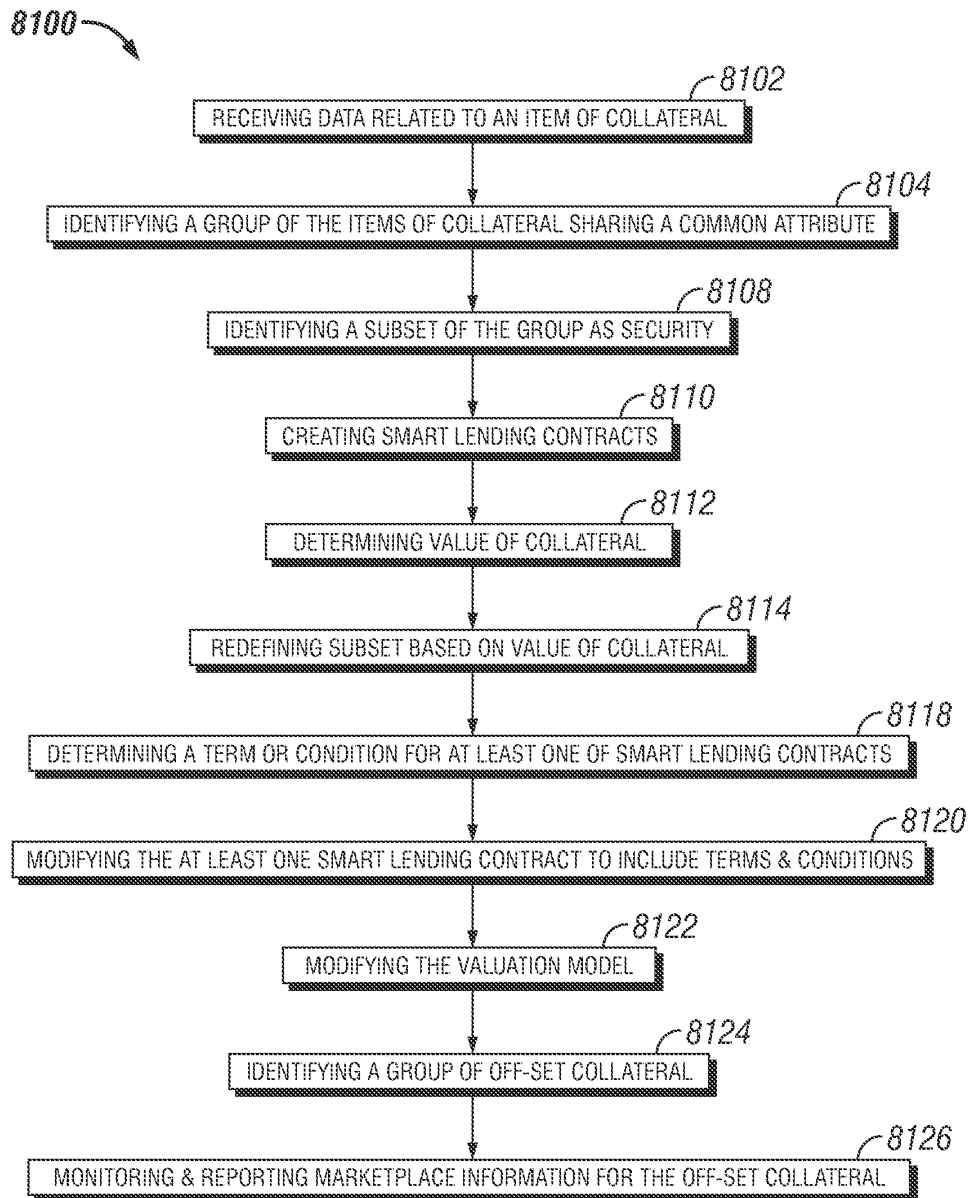


FIG. 81

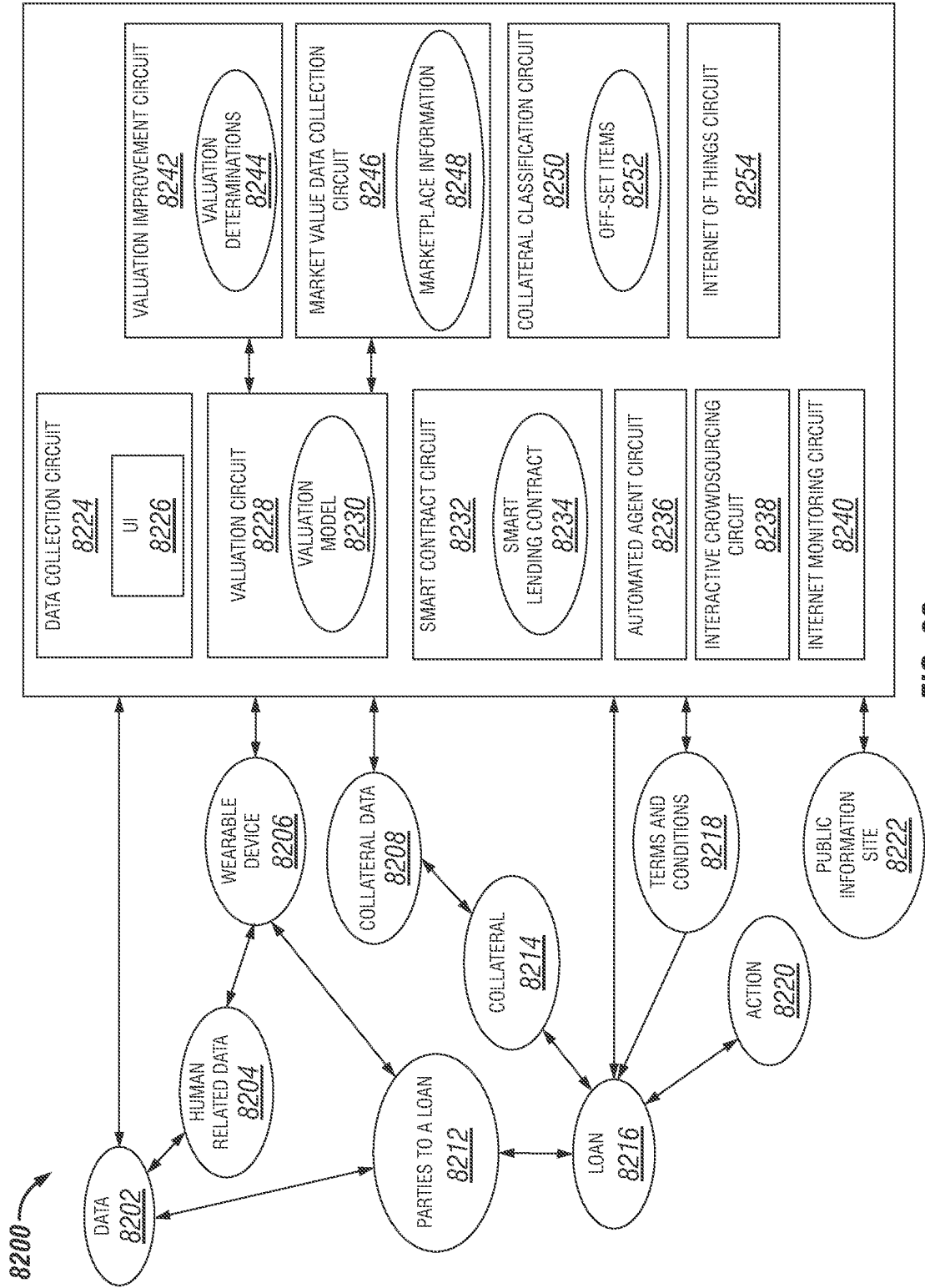


FIG. 82

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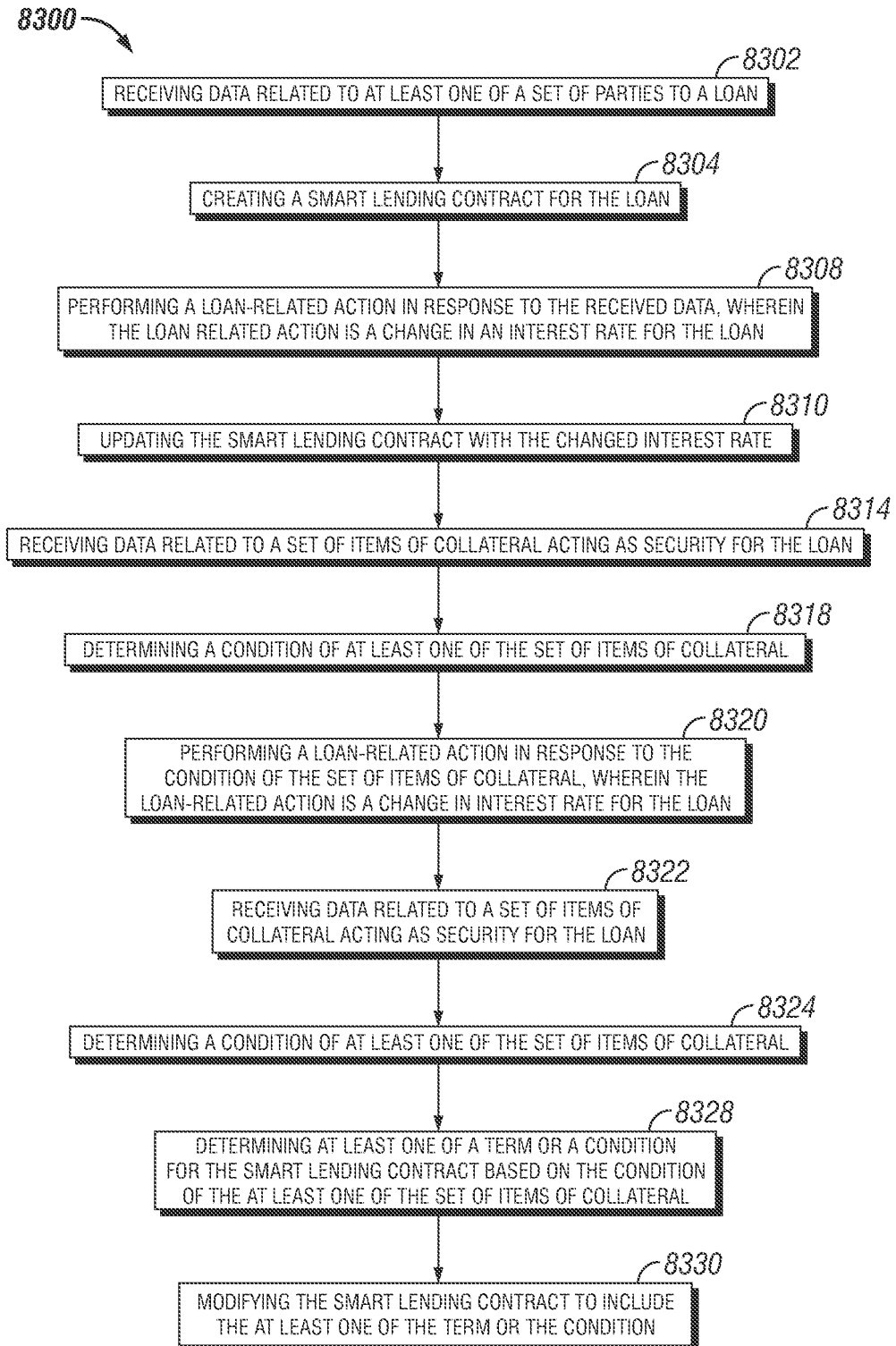


FIG. 83

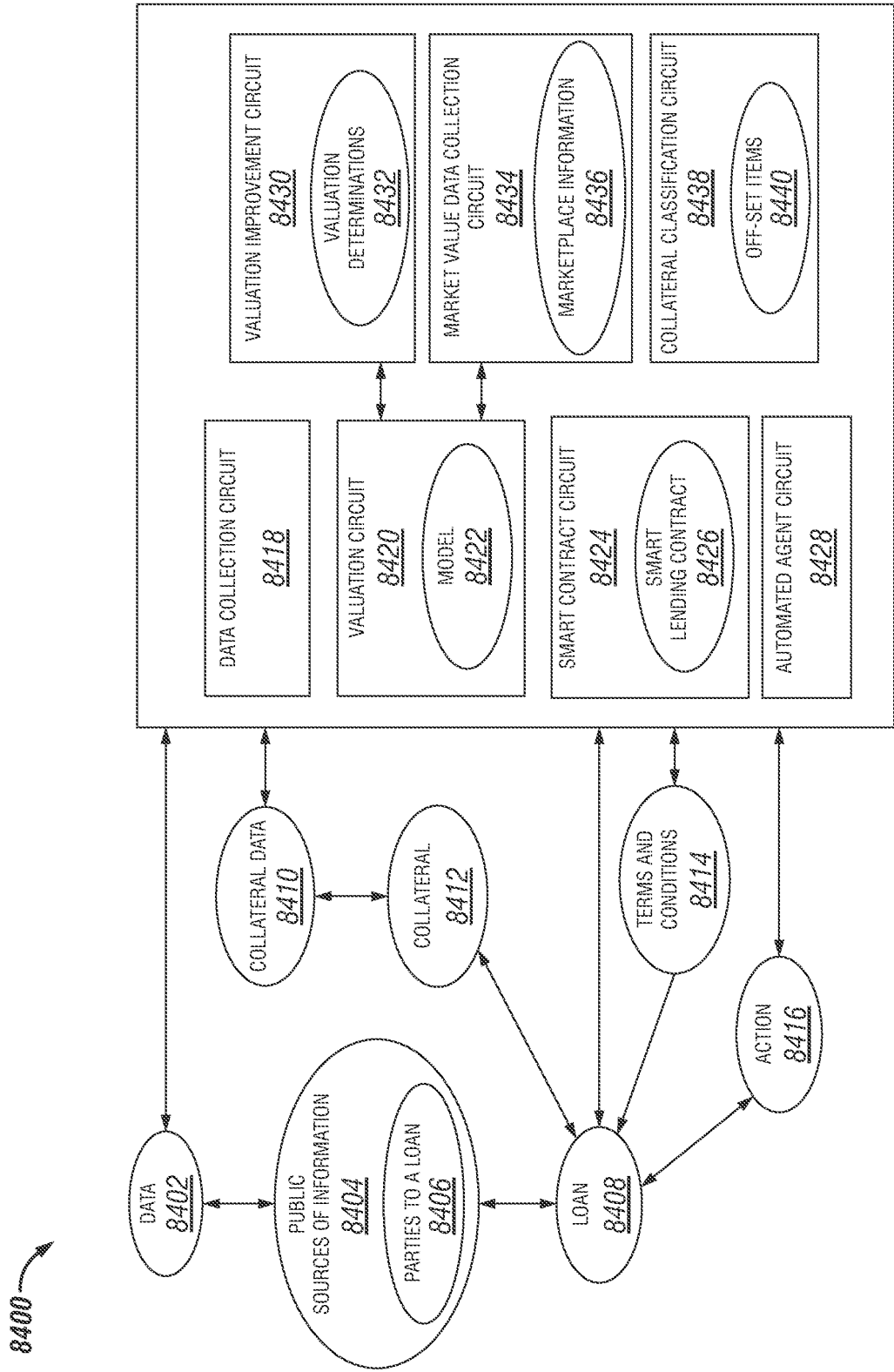


FIG. 84

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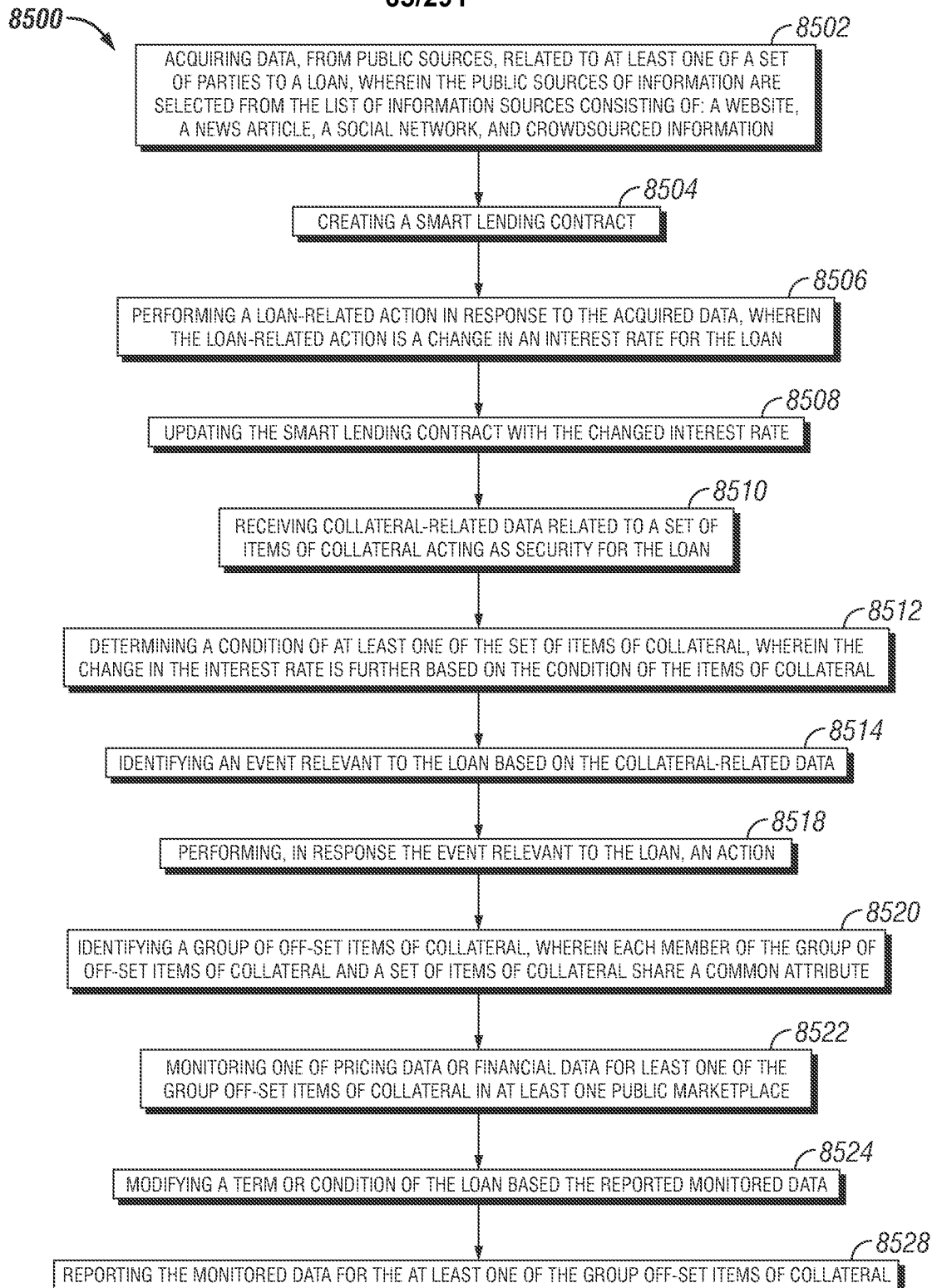


FIG. 85

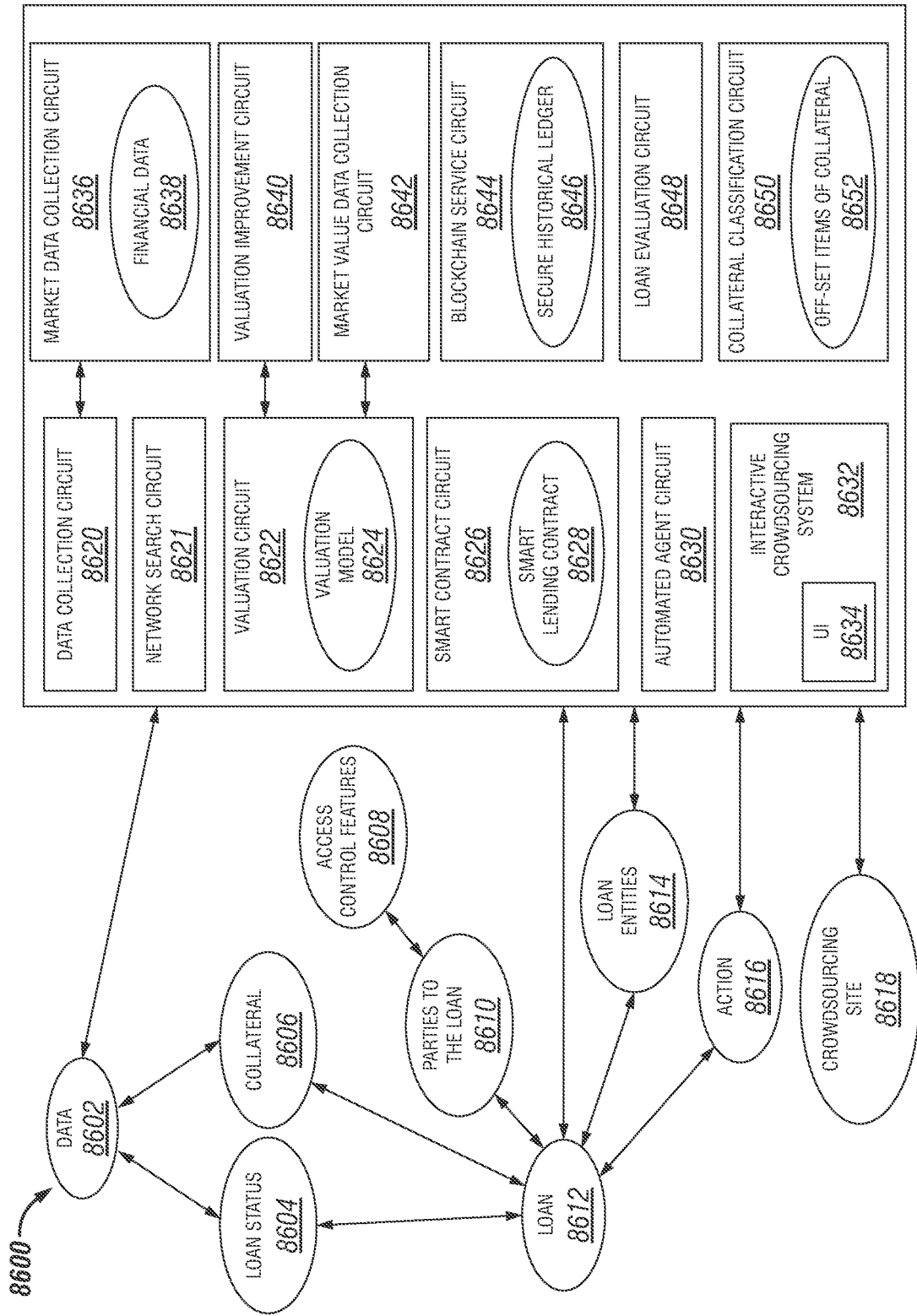
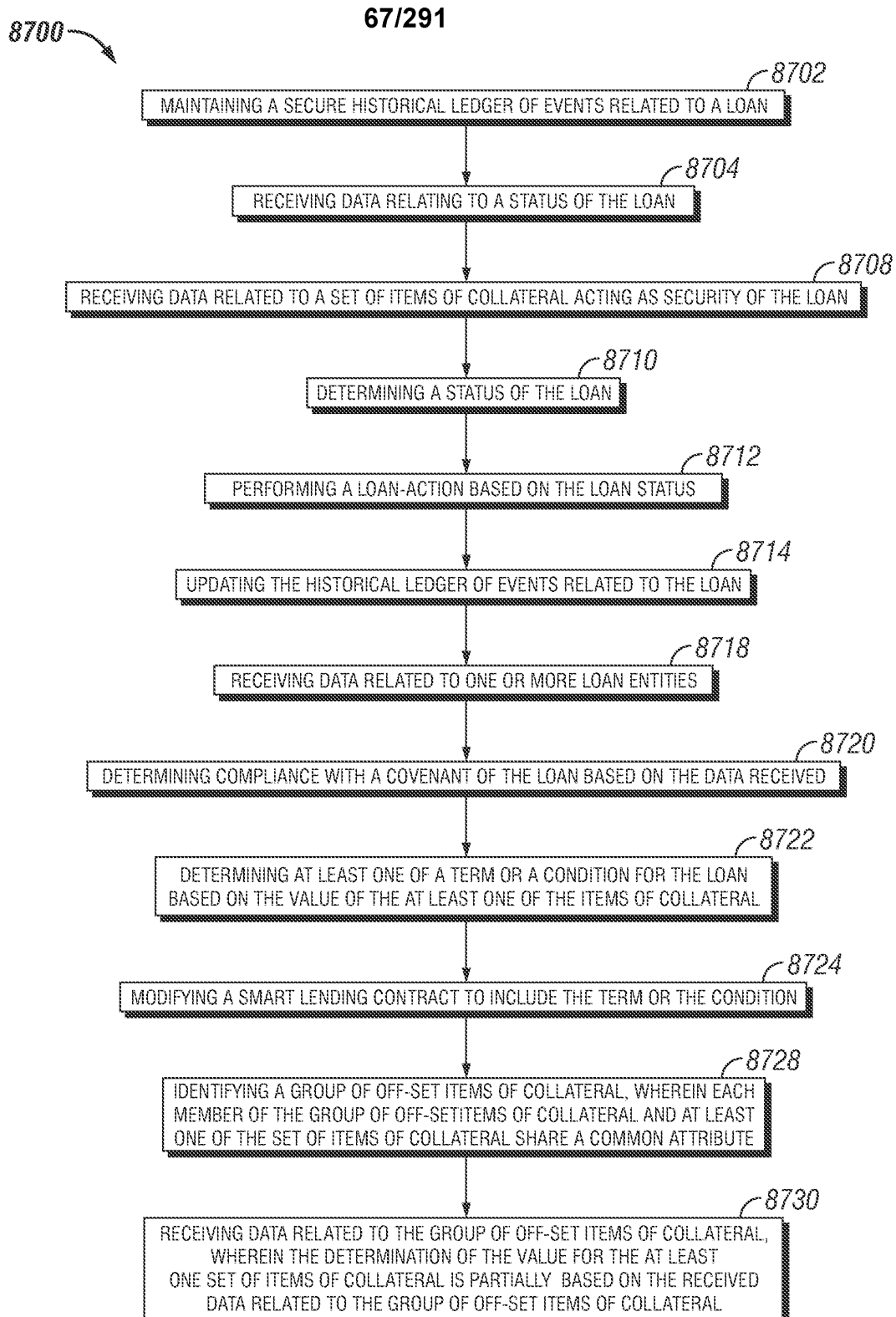


FIG. 86

**FIG. 87**

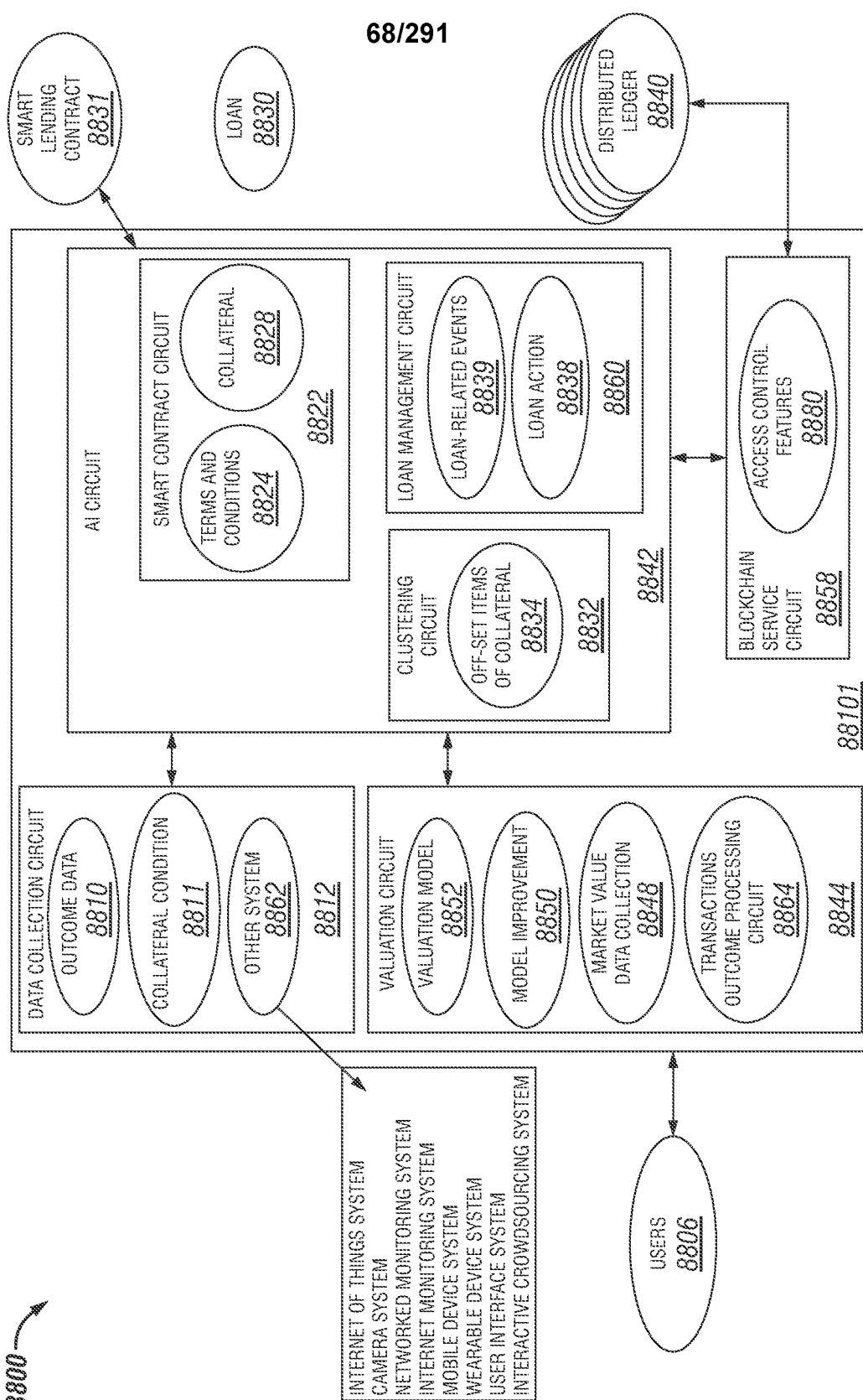


FIG. 88

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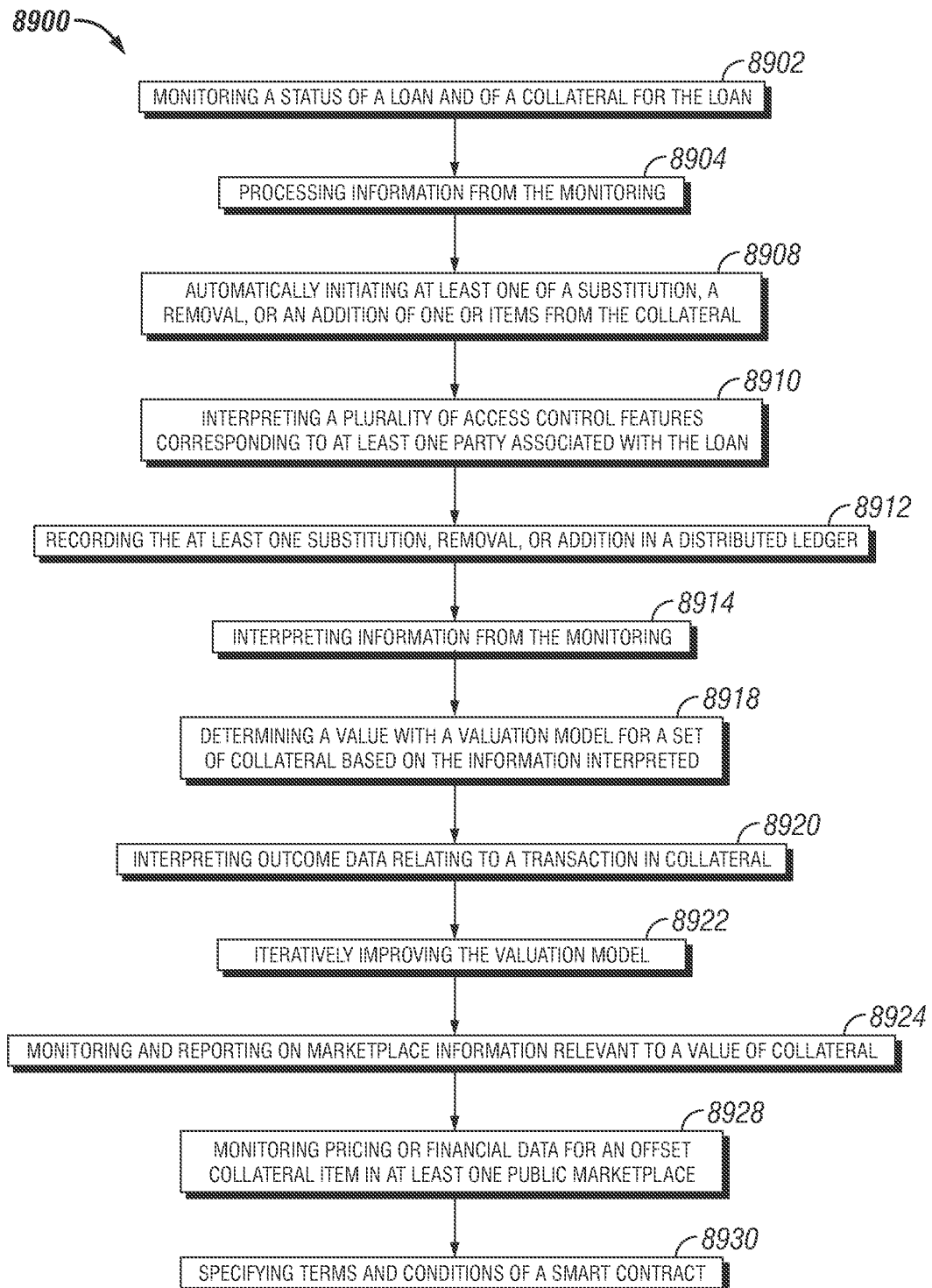


FIG. 89

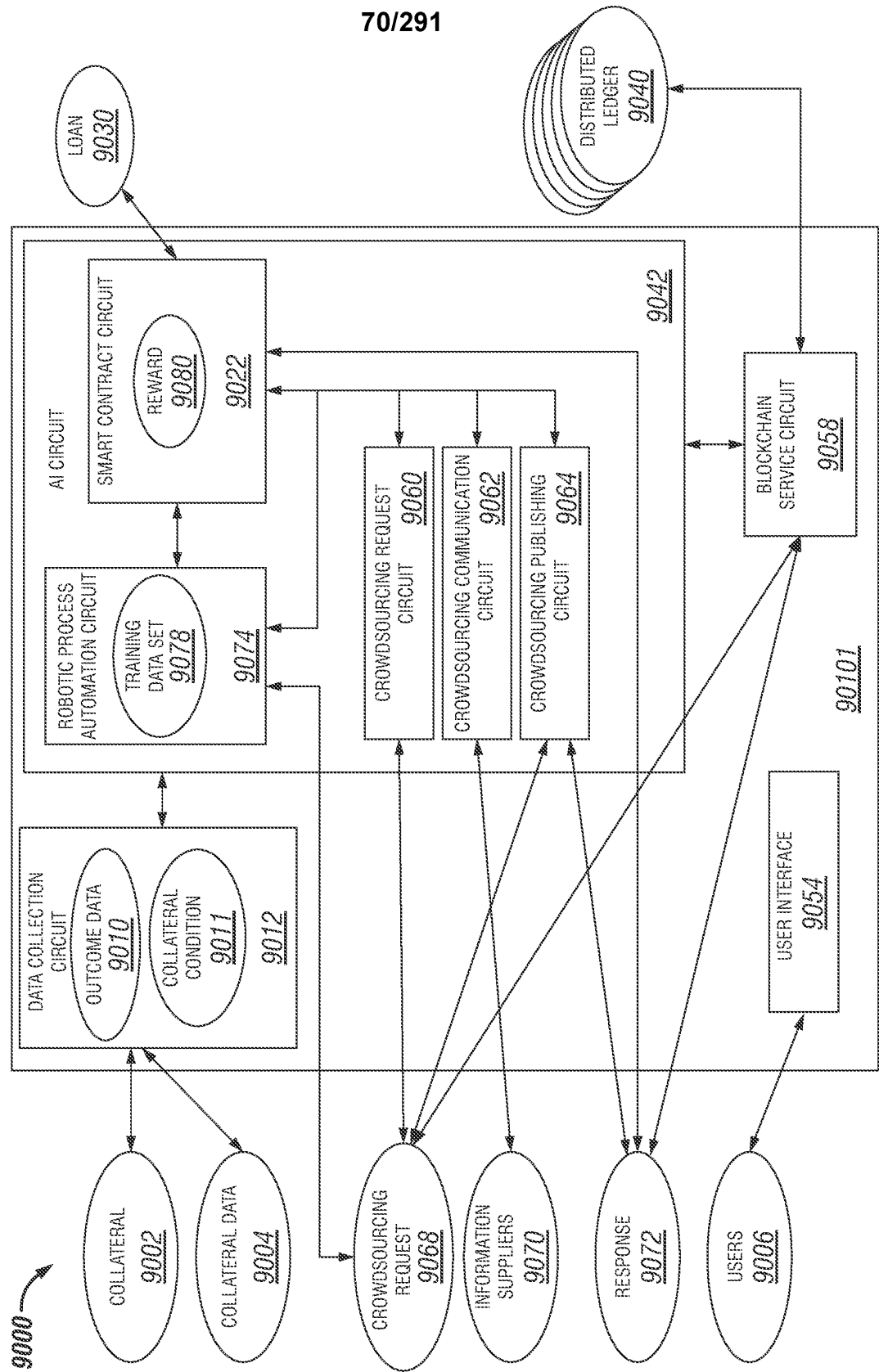


FIG. 90

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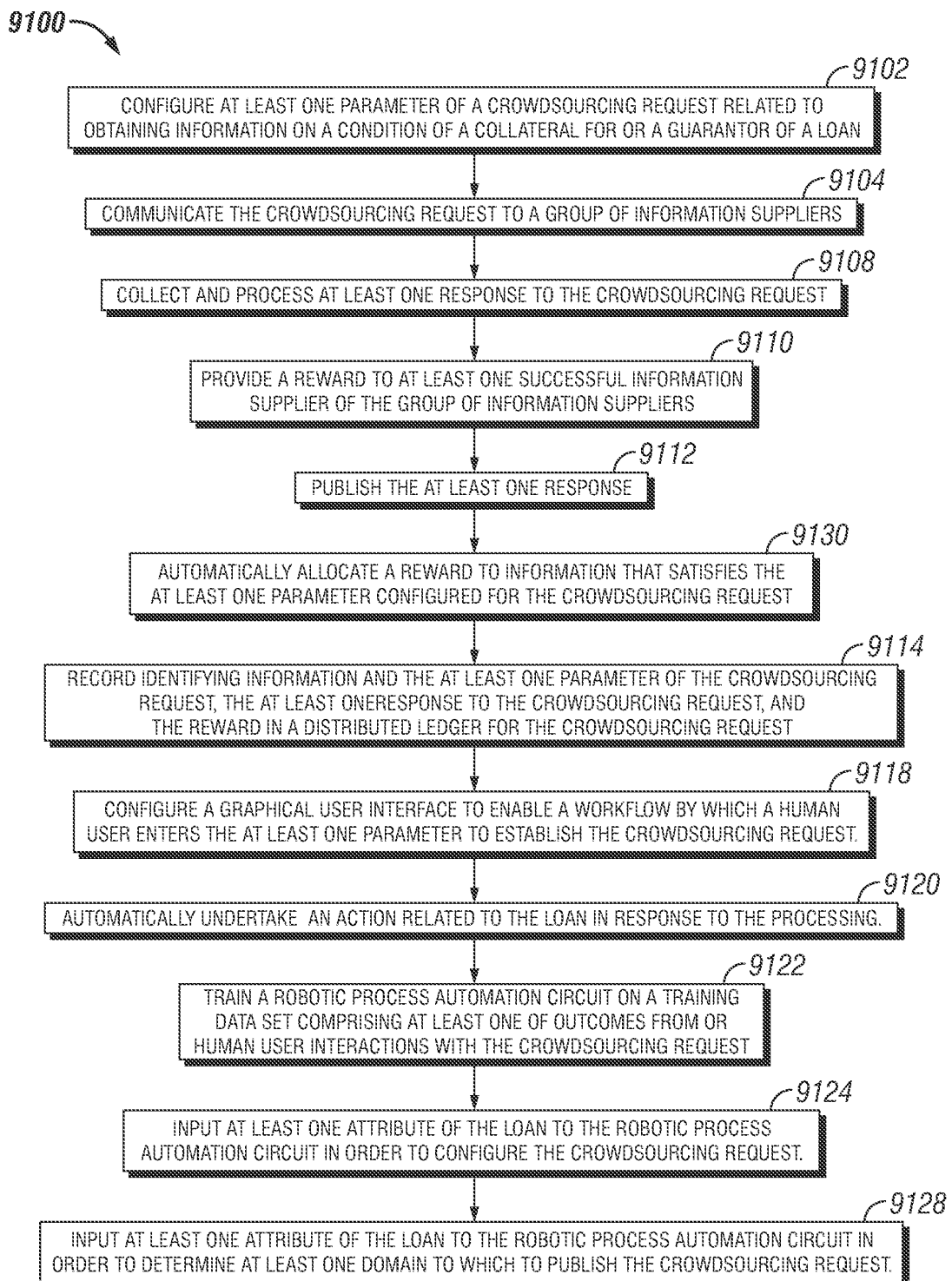
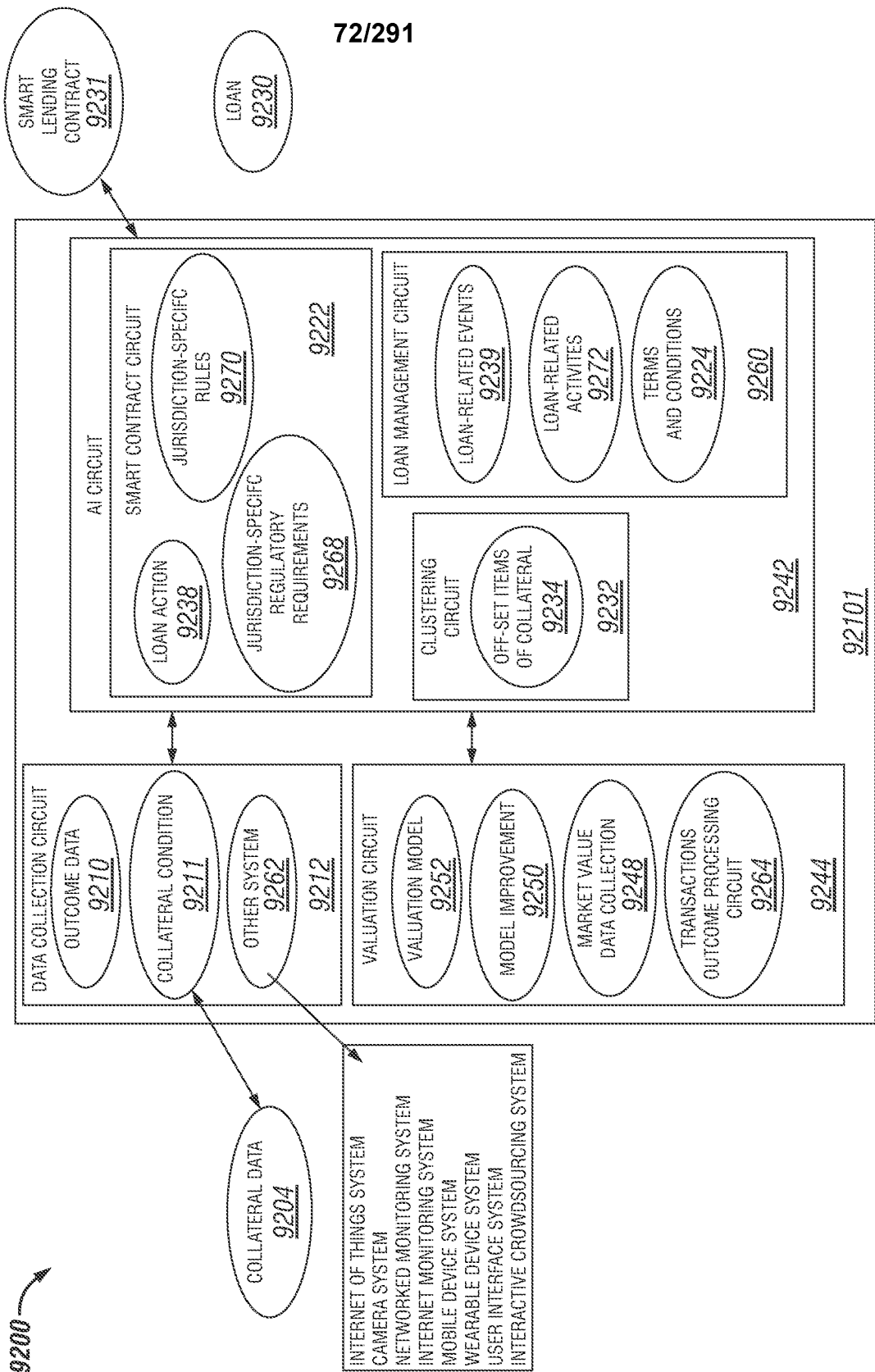


FIG. 91



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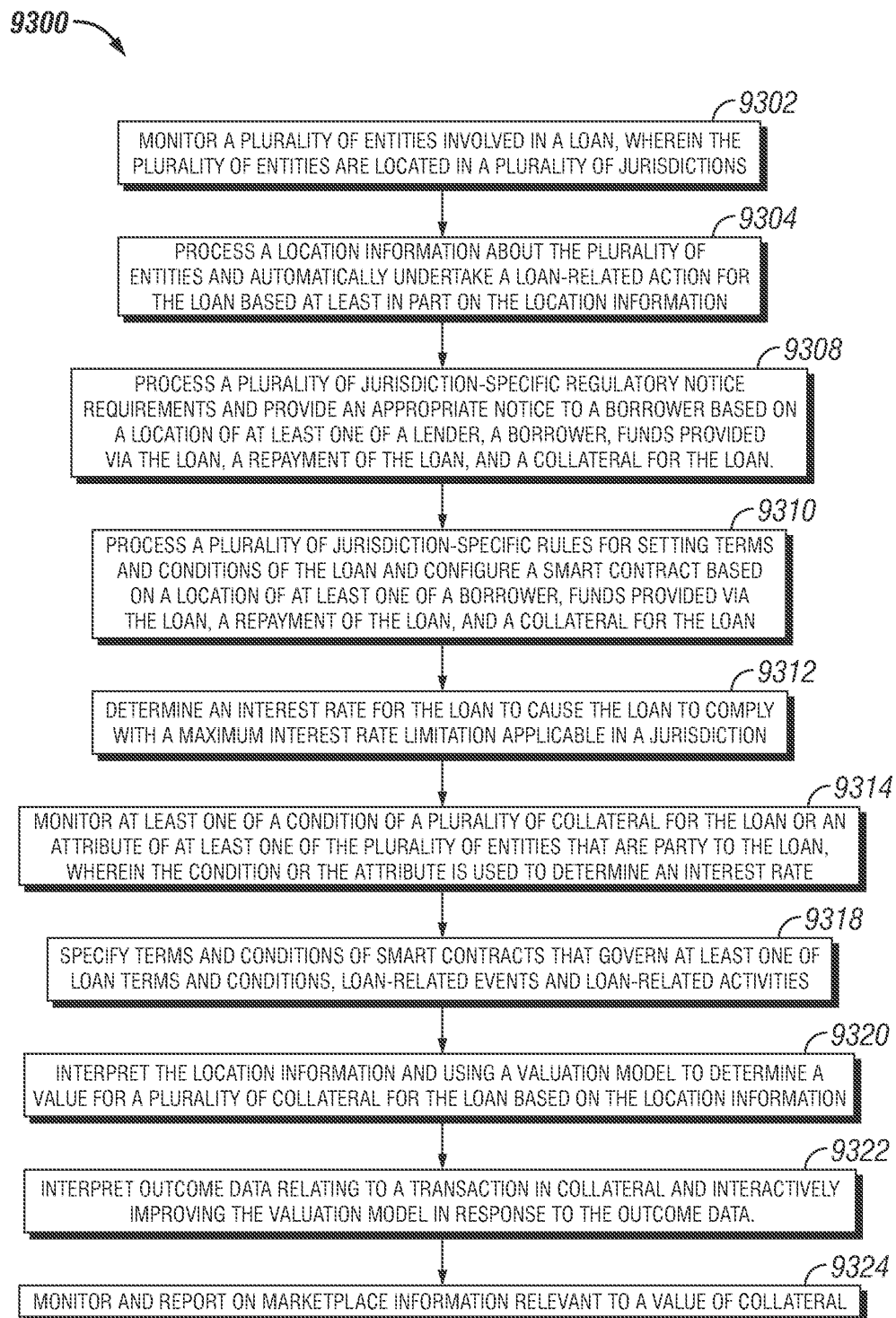


FIG. 93

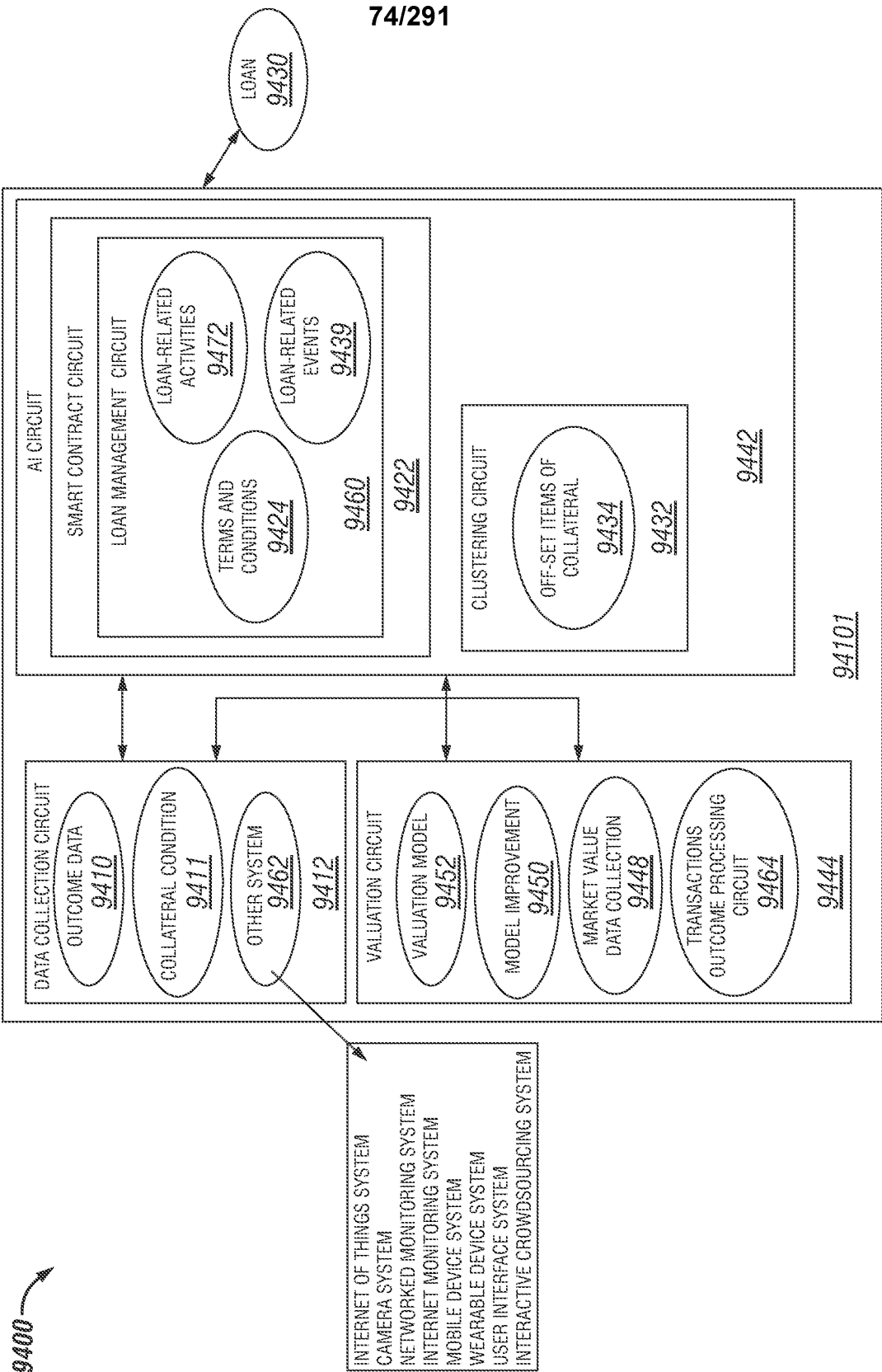


FIG. 94

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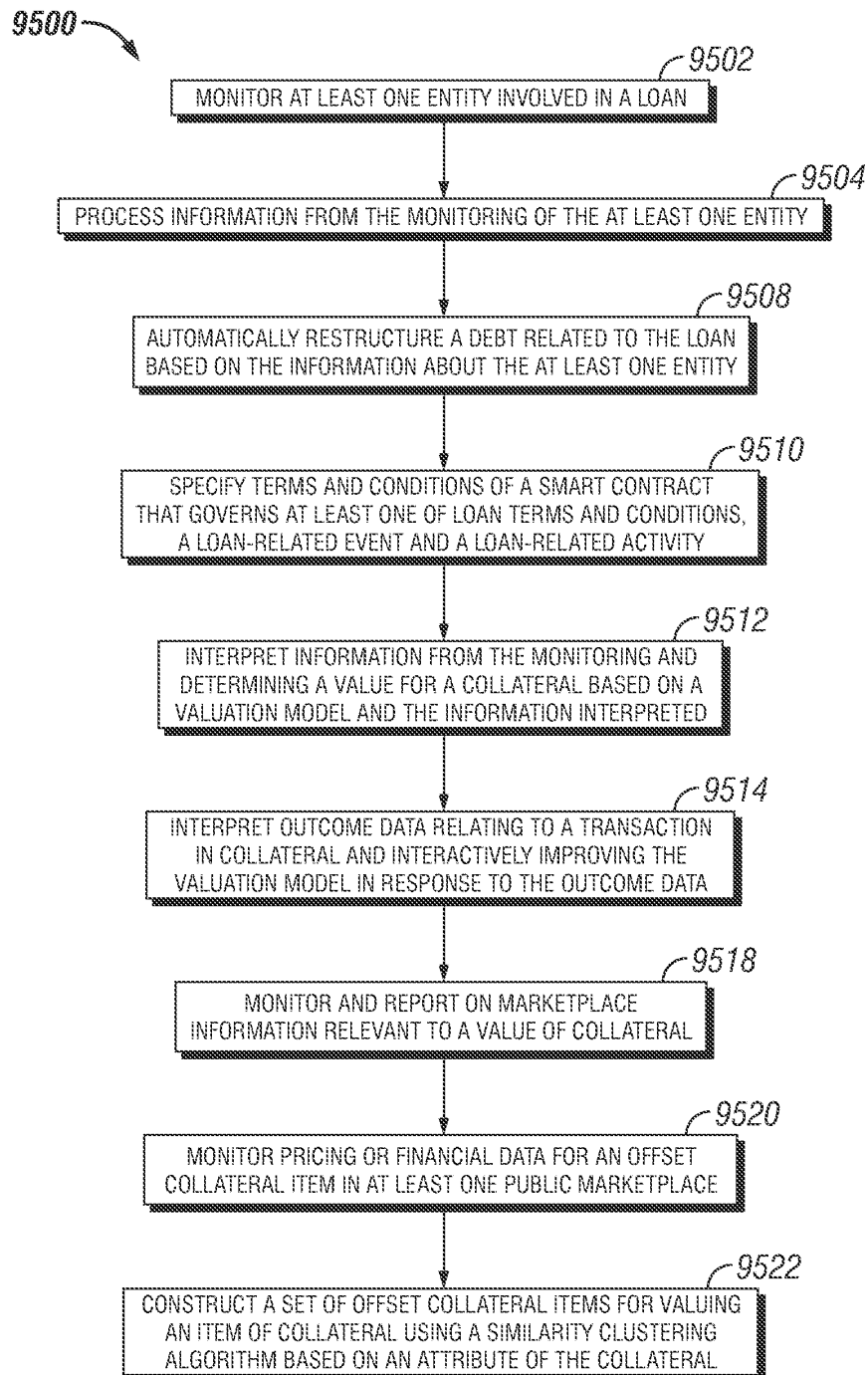


FIG. 95

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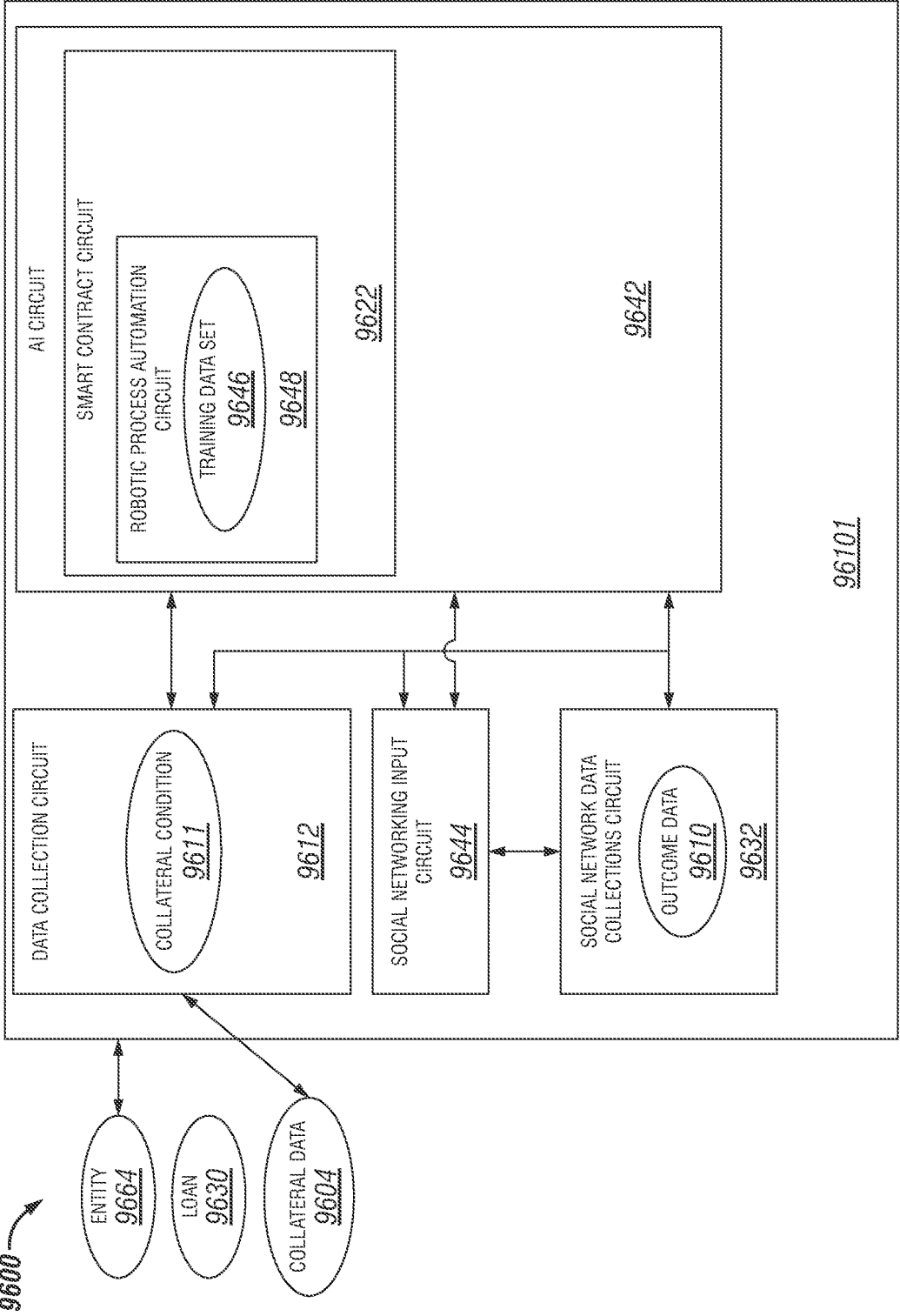


FIG. 96

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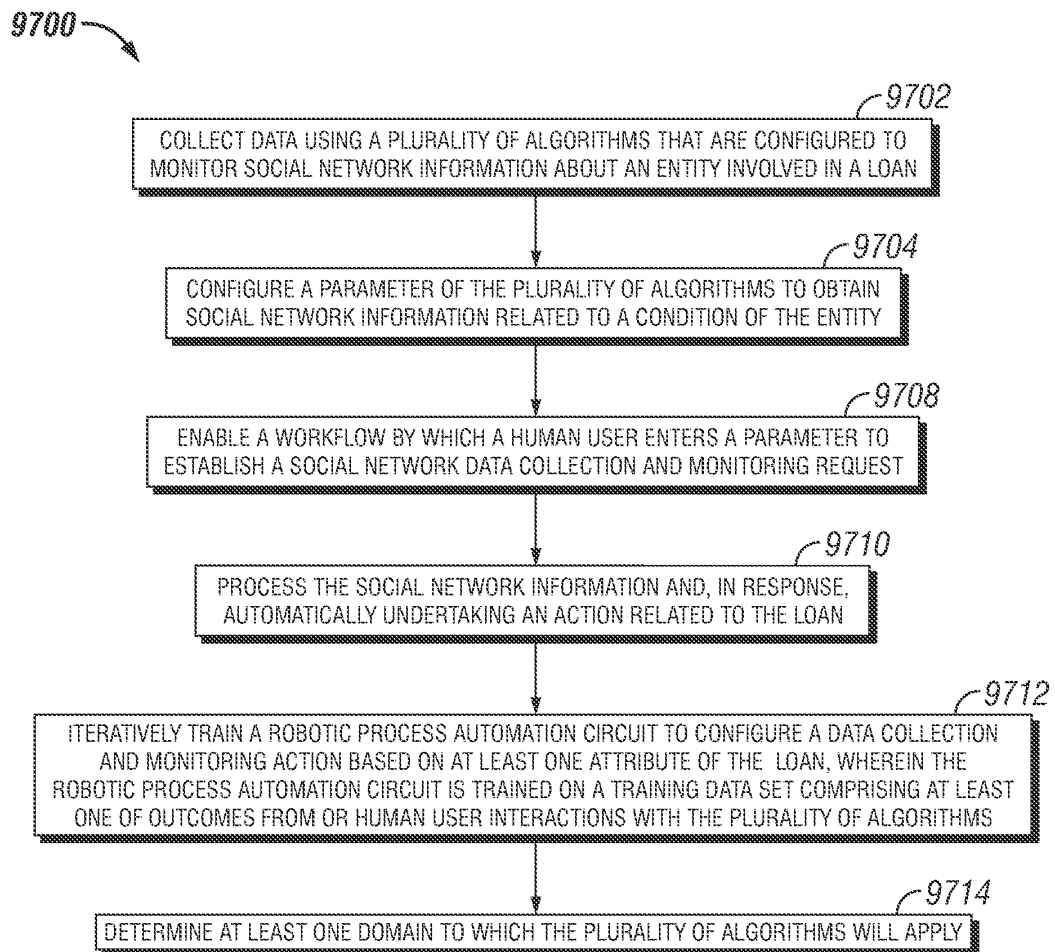


FIG. 97

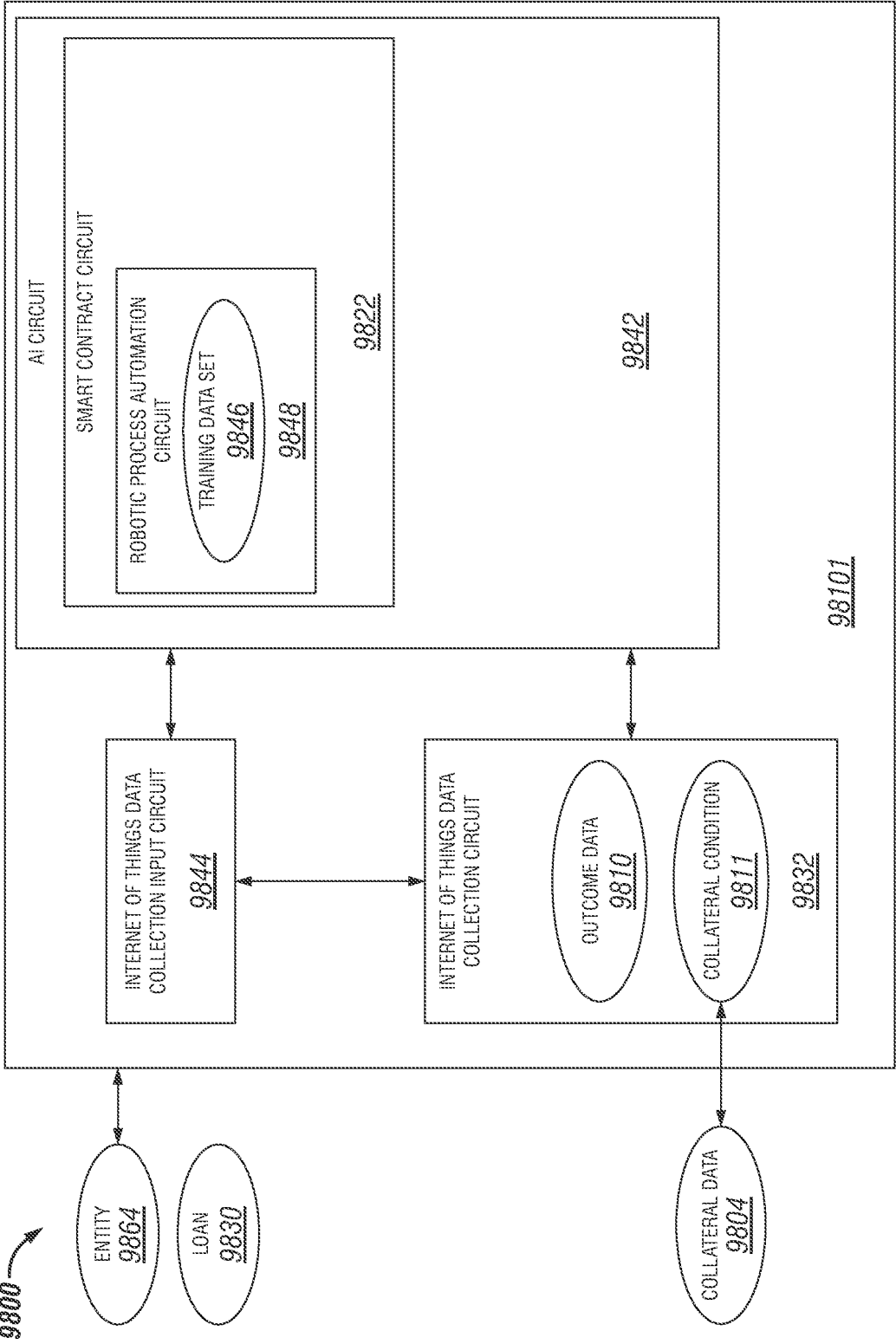


FIG. 98

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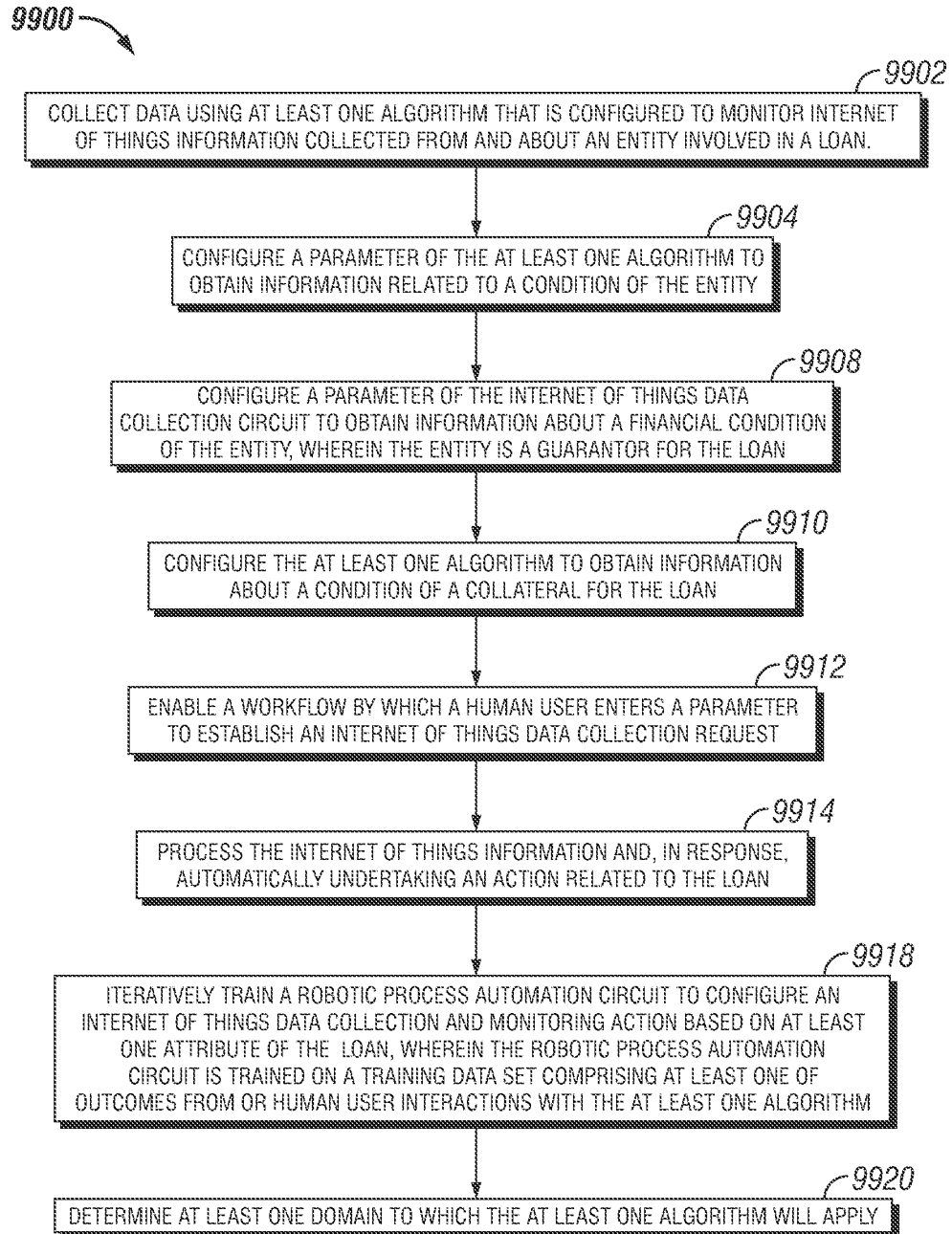


FIG. 99

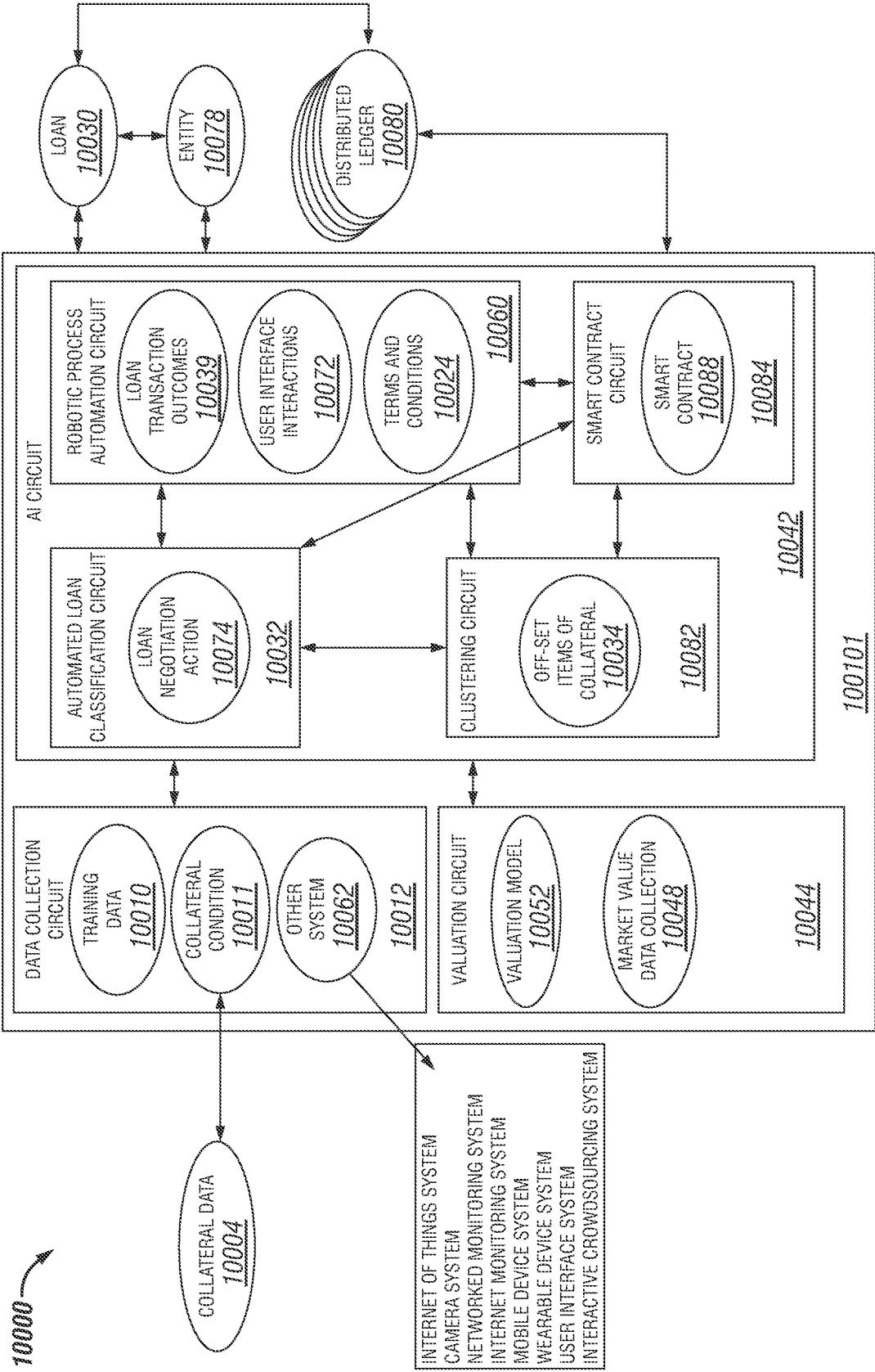


FIG. 100

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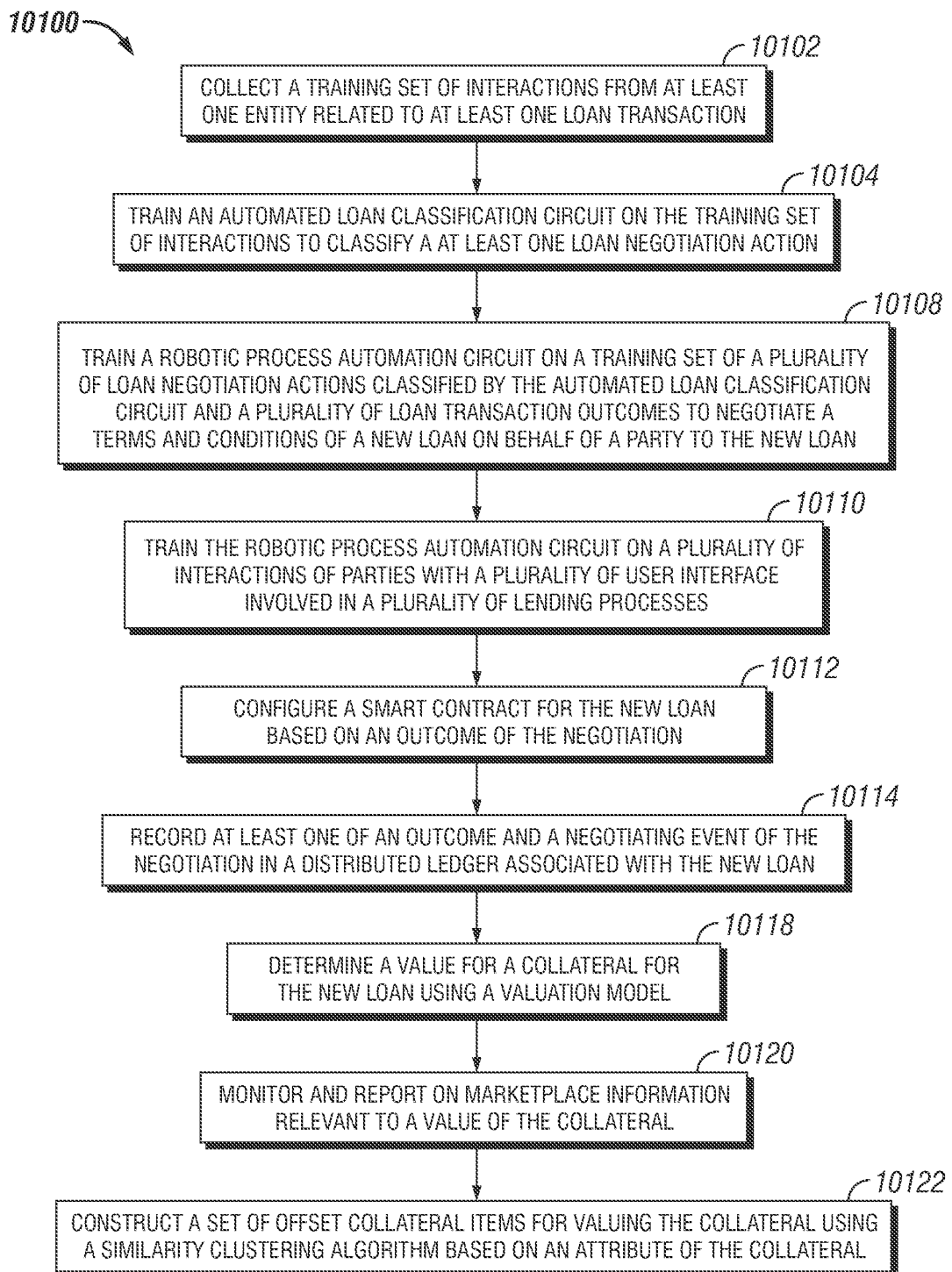


FIG. 101

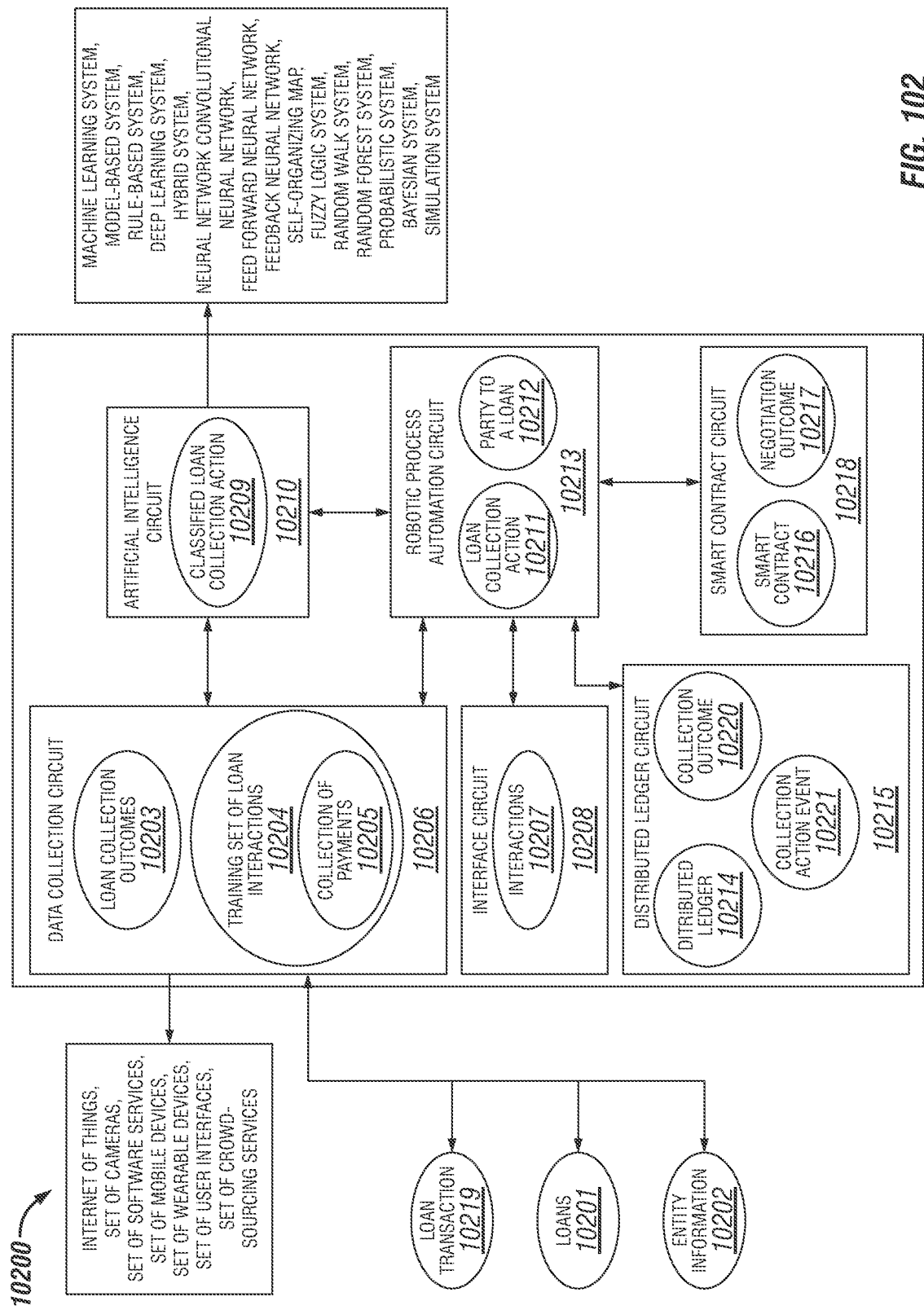


FIG. 102

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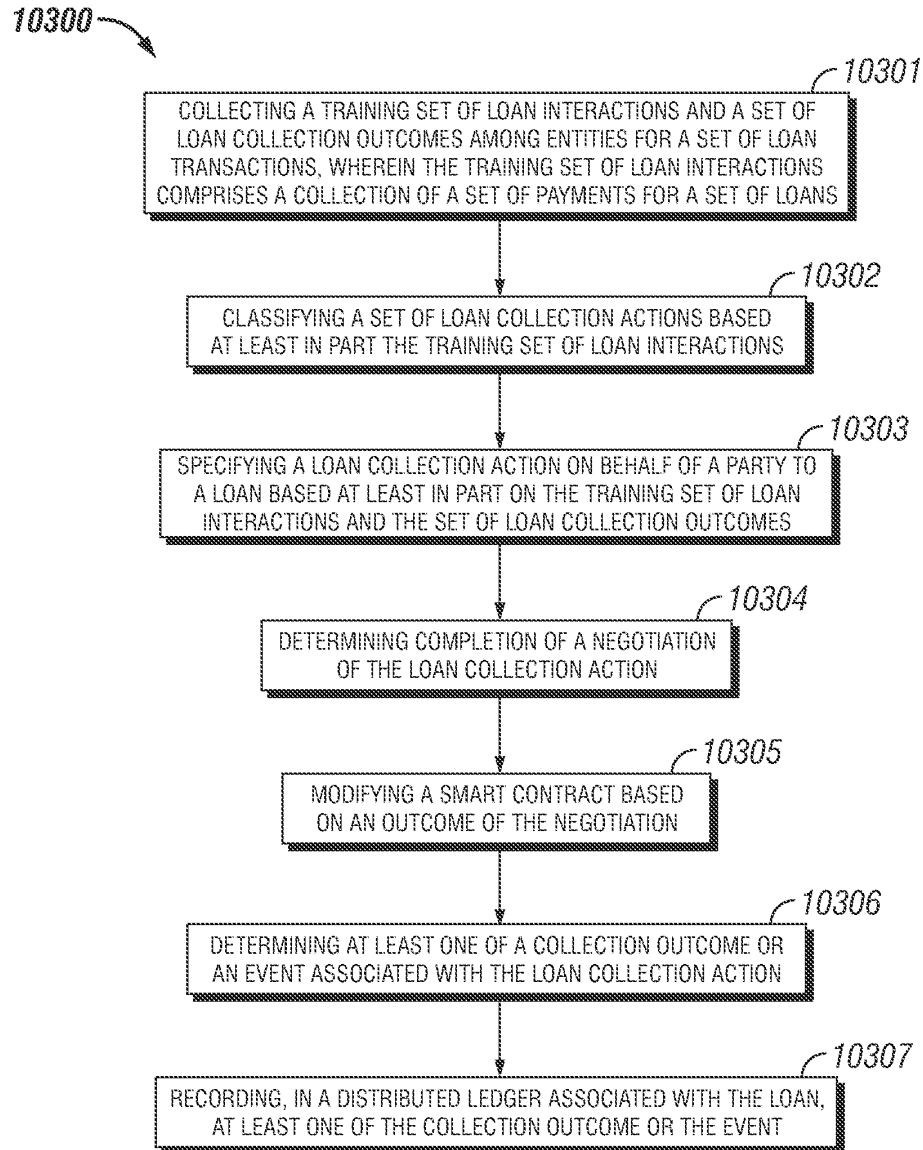


FIG. 103

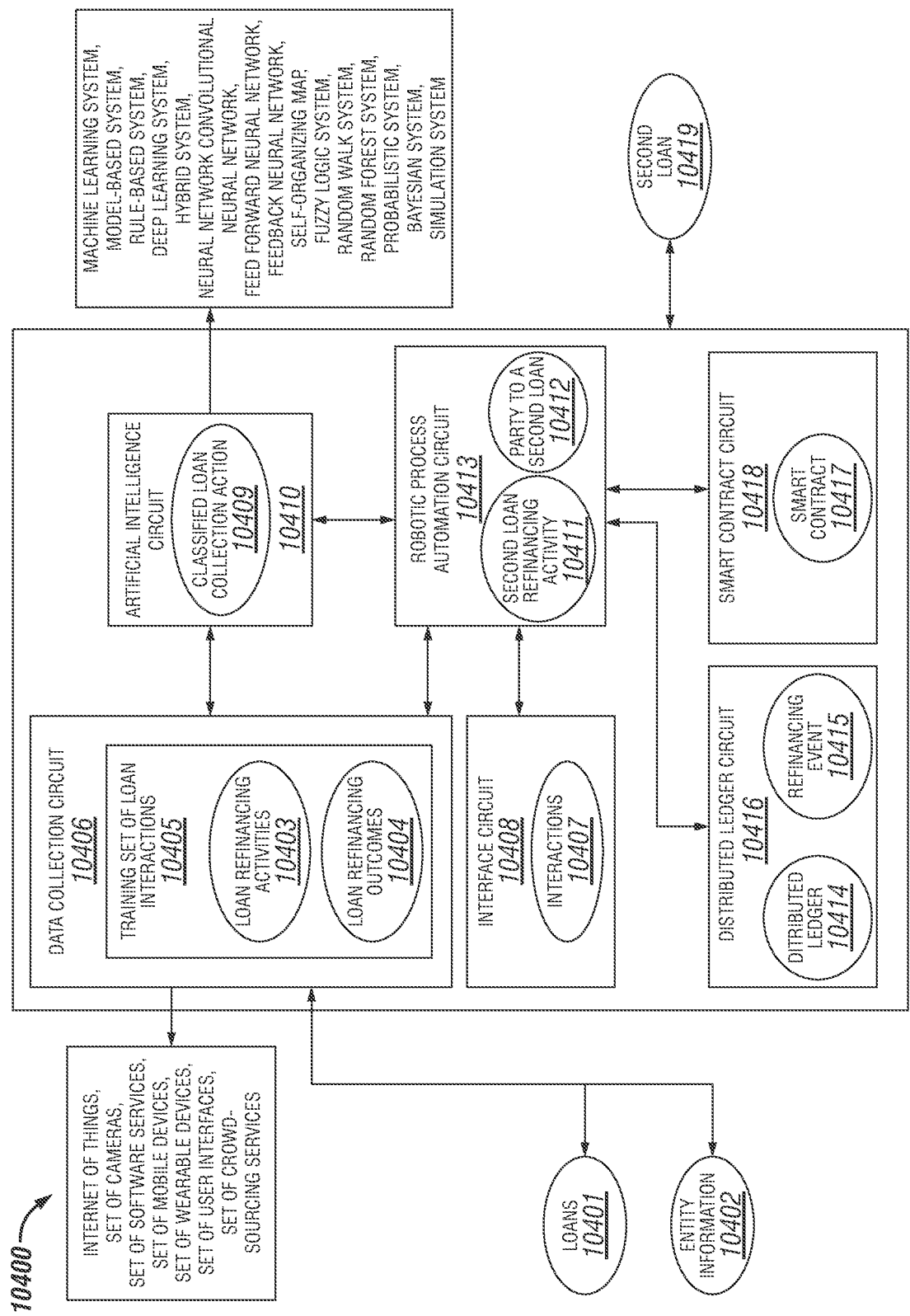


FIG. 104

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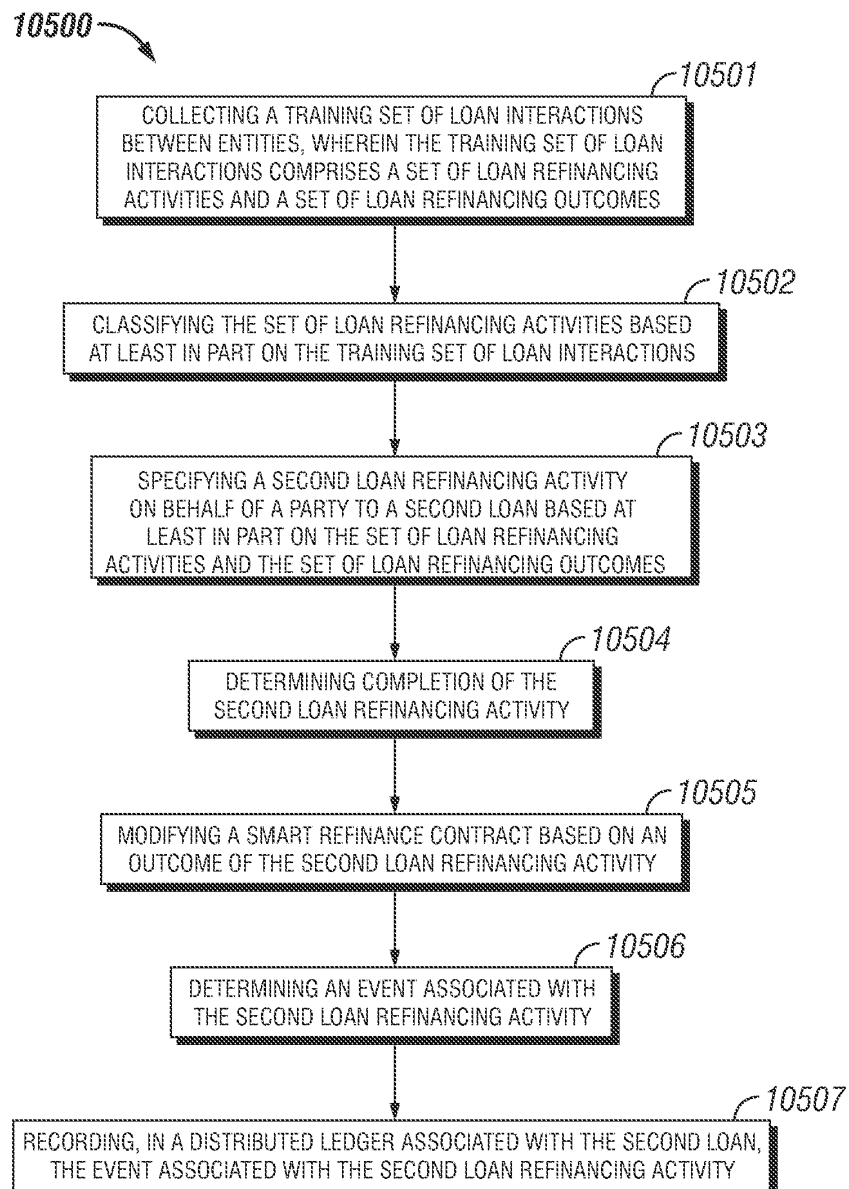


FIG. 105

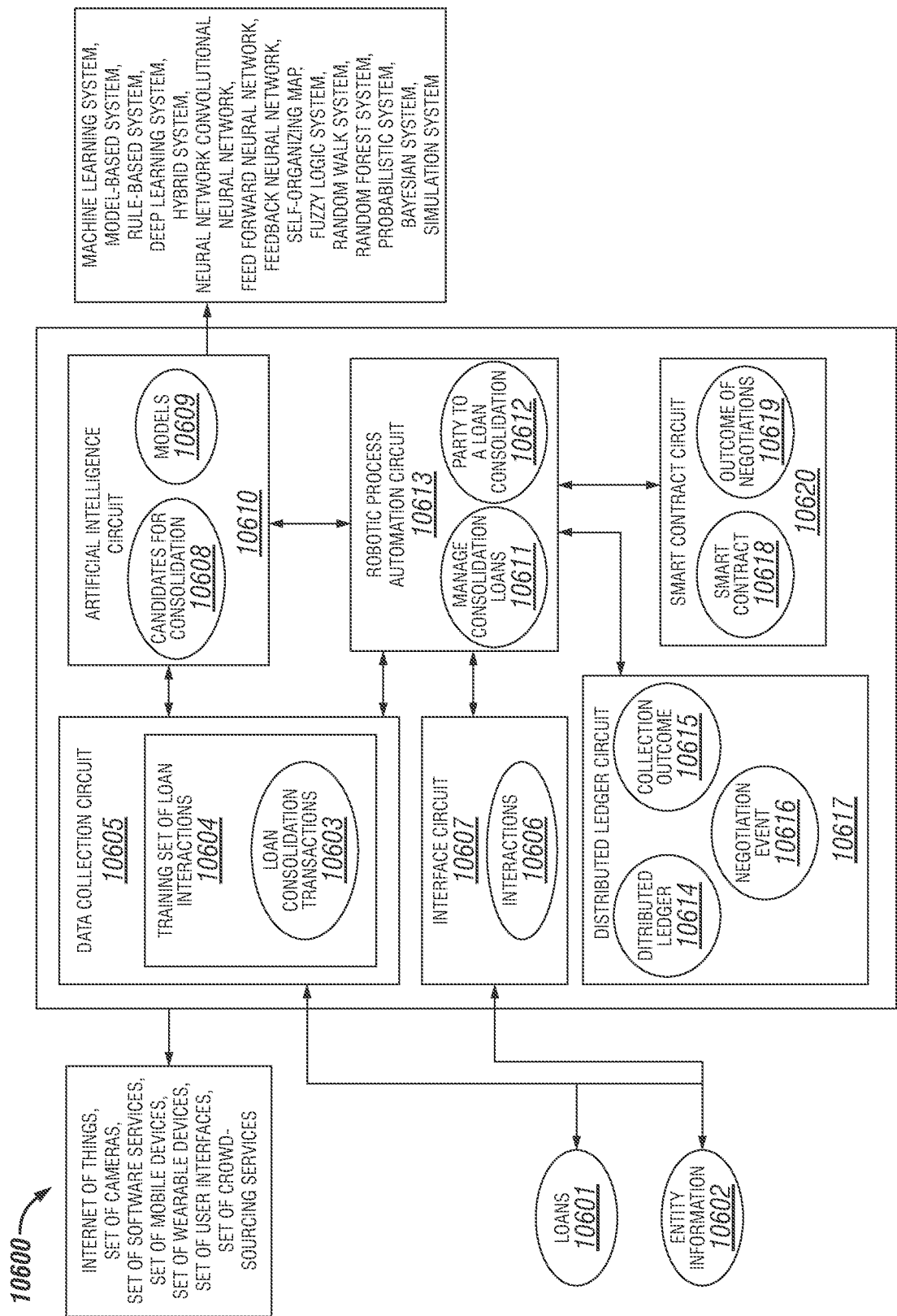


FIG. 106

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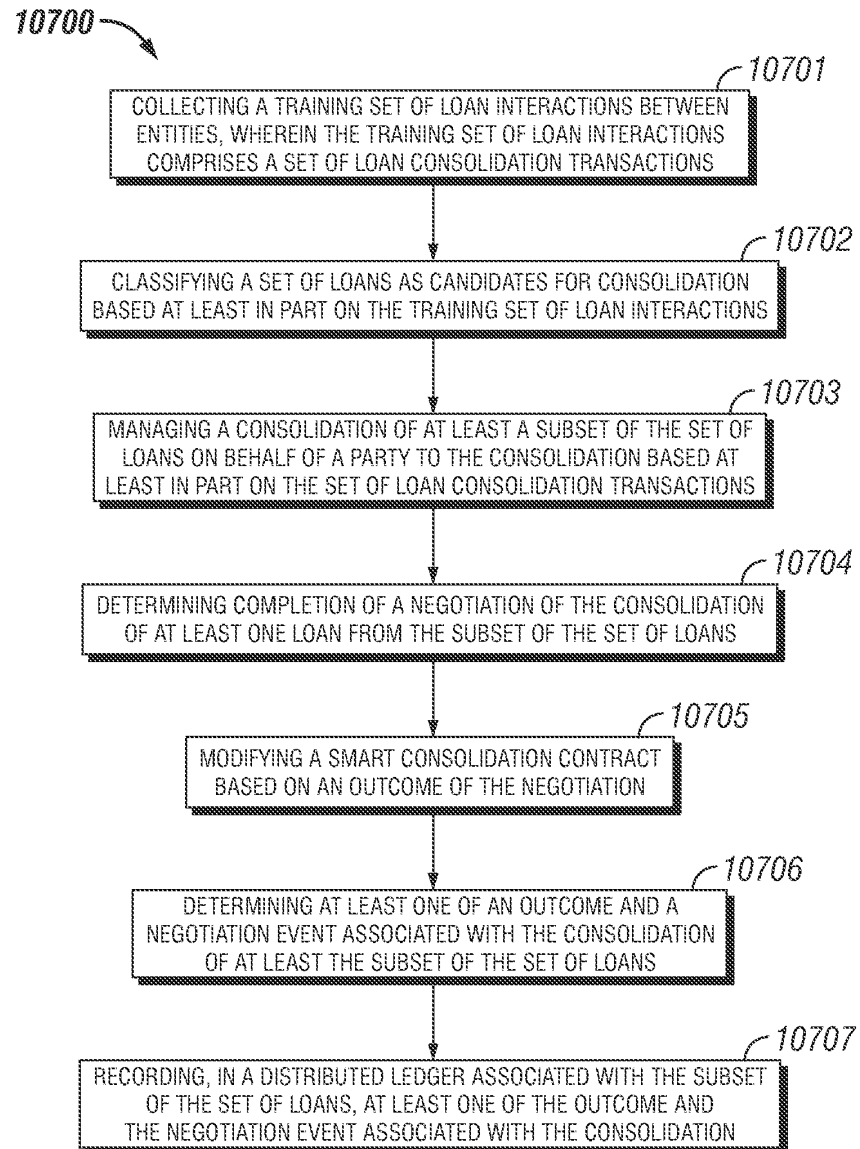


FIG. 107

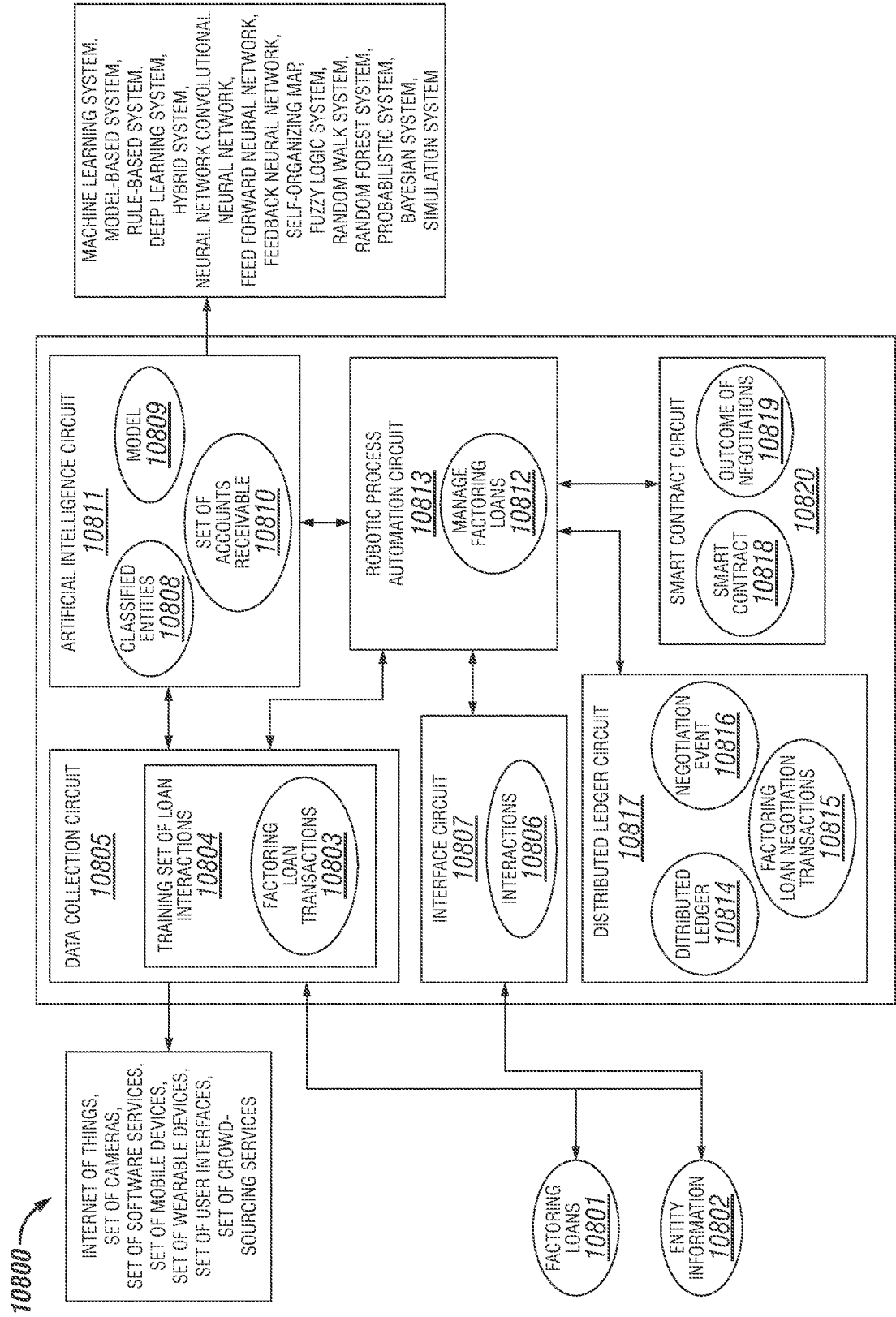


FIG. 108

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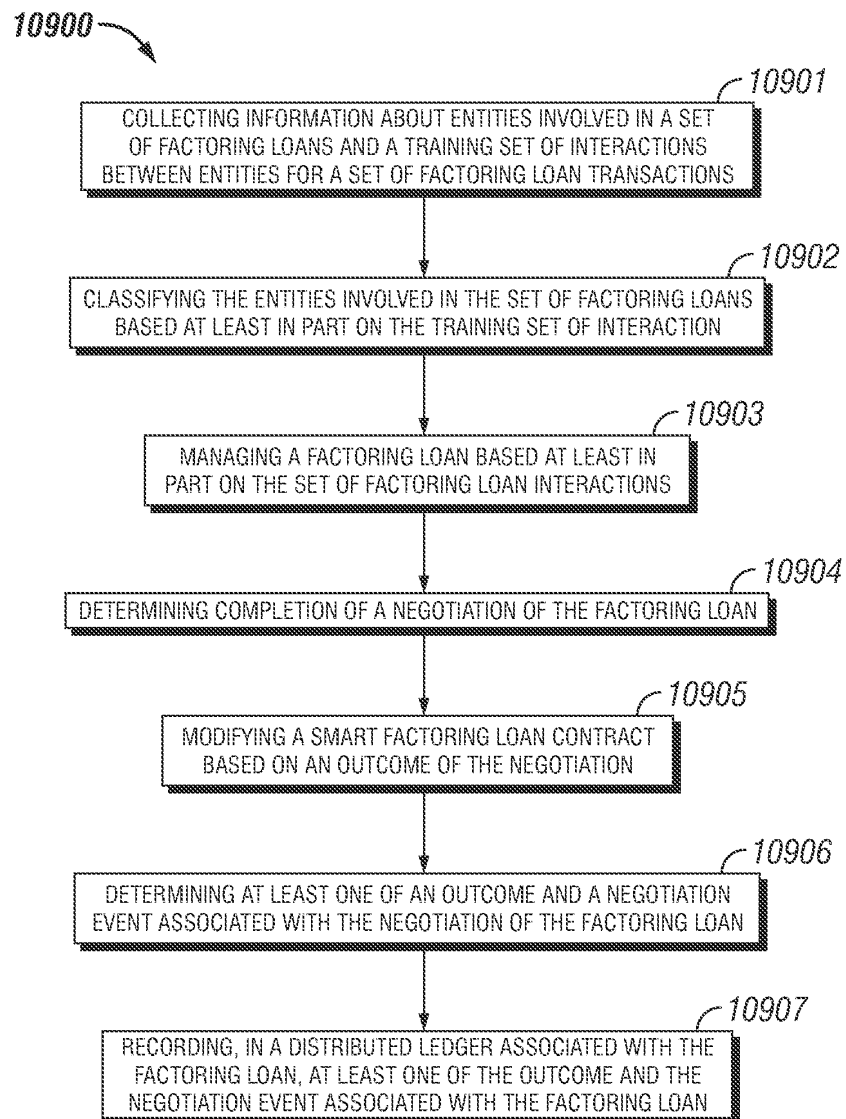


FIG. 109

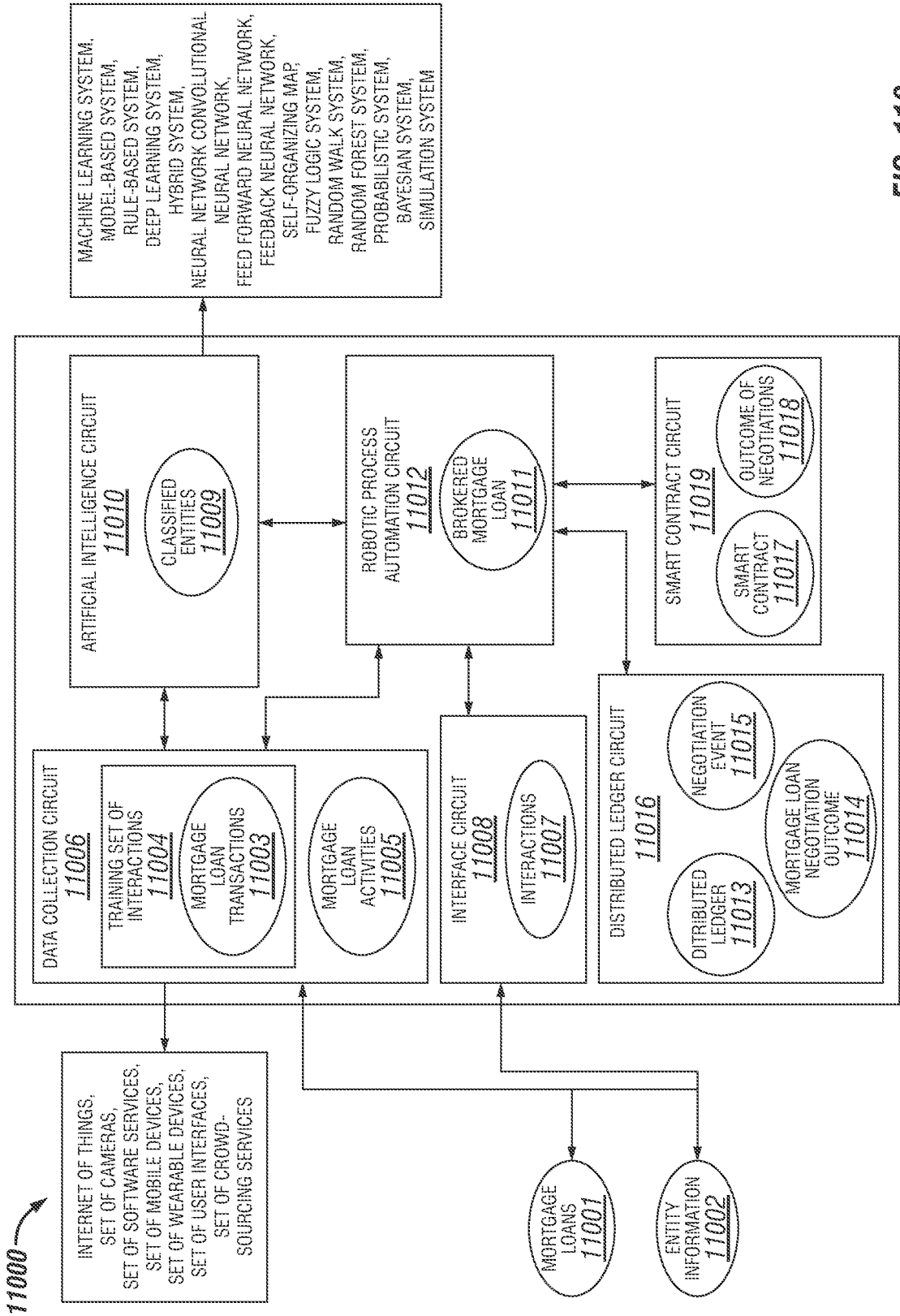


FIG. 110

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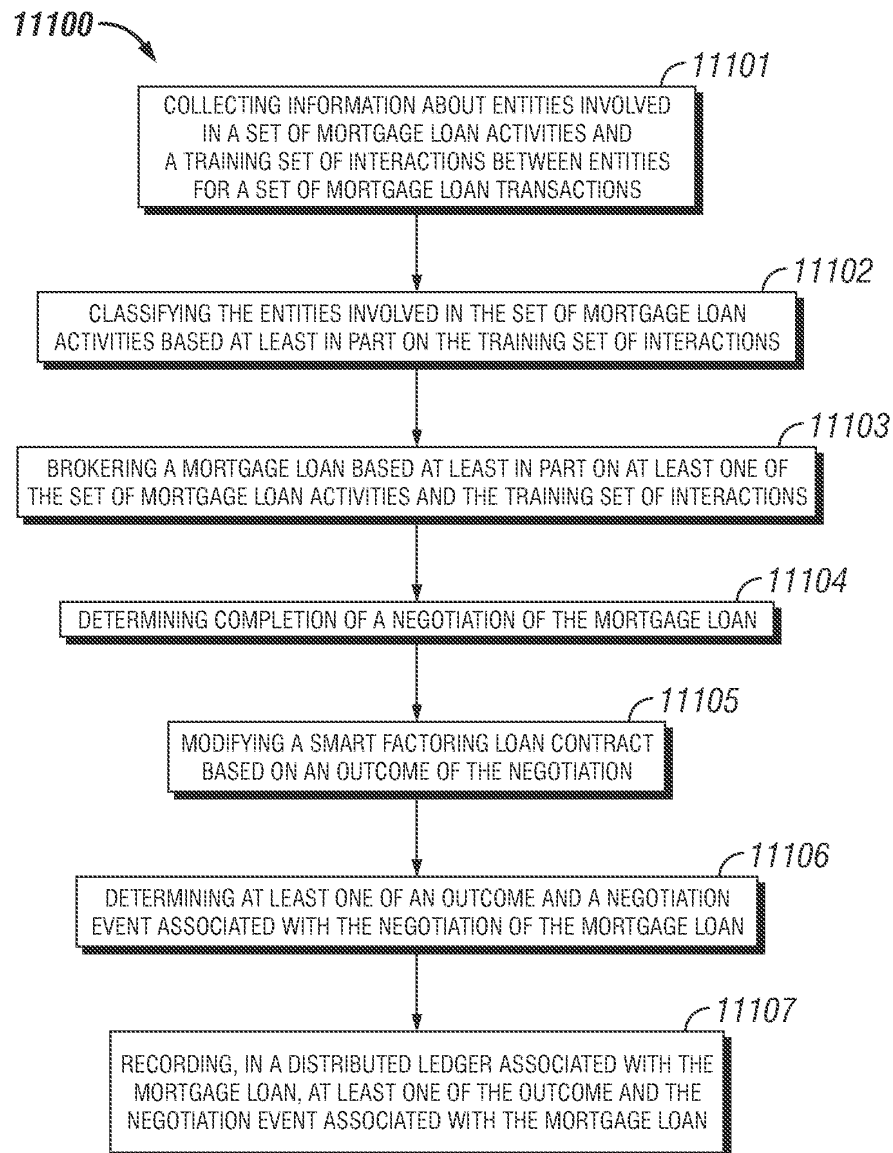


FIG. 111

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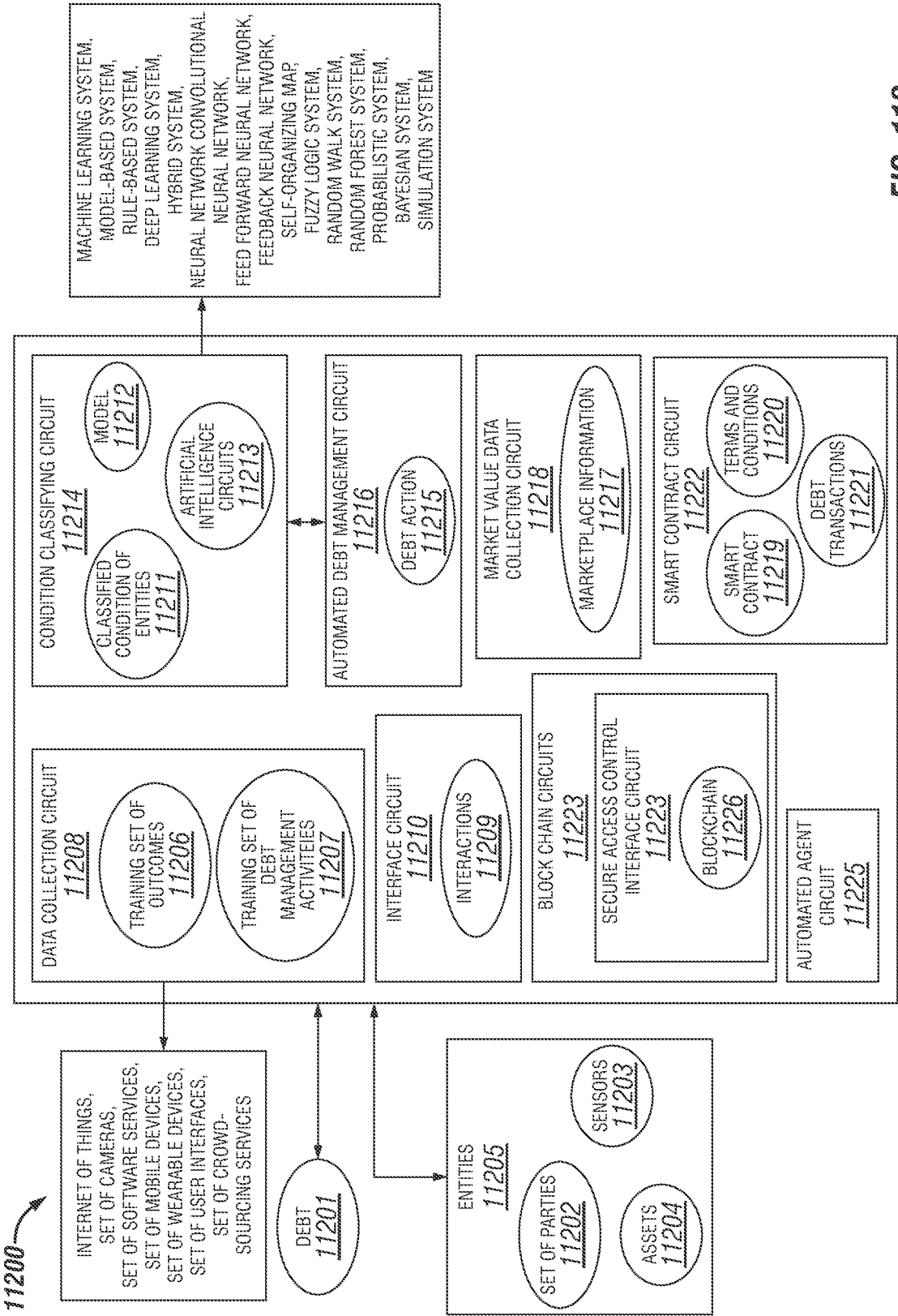
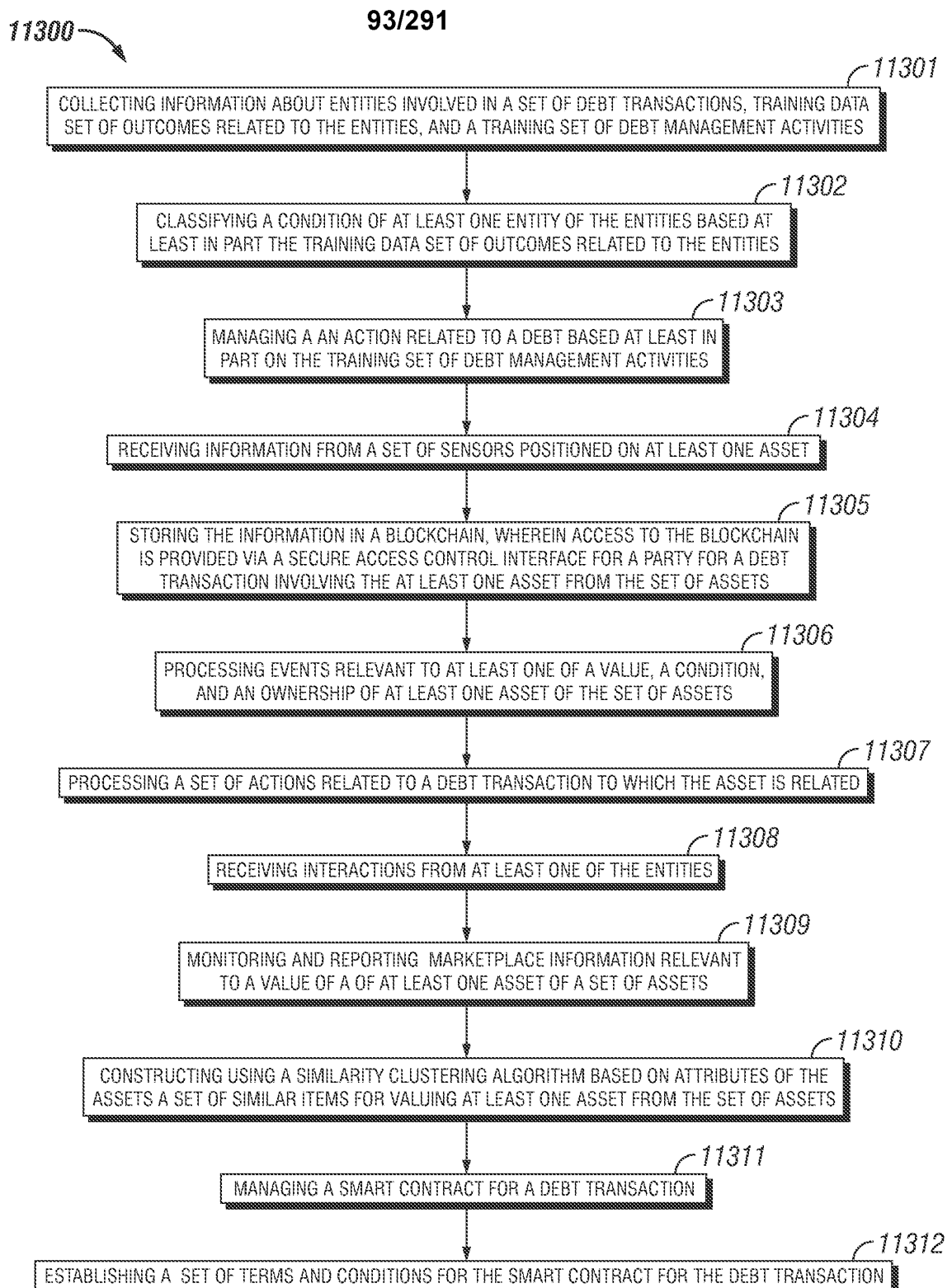


FIG. 112

**FIG. 113**

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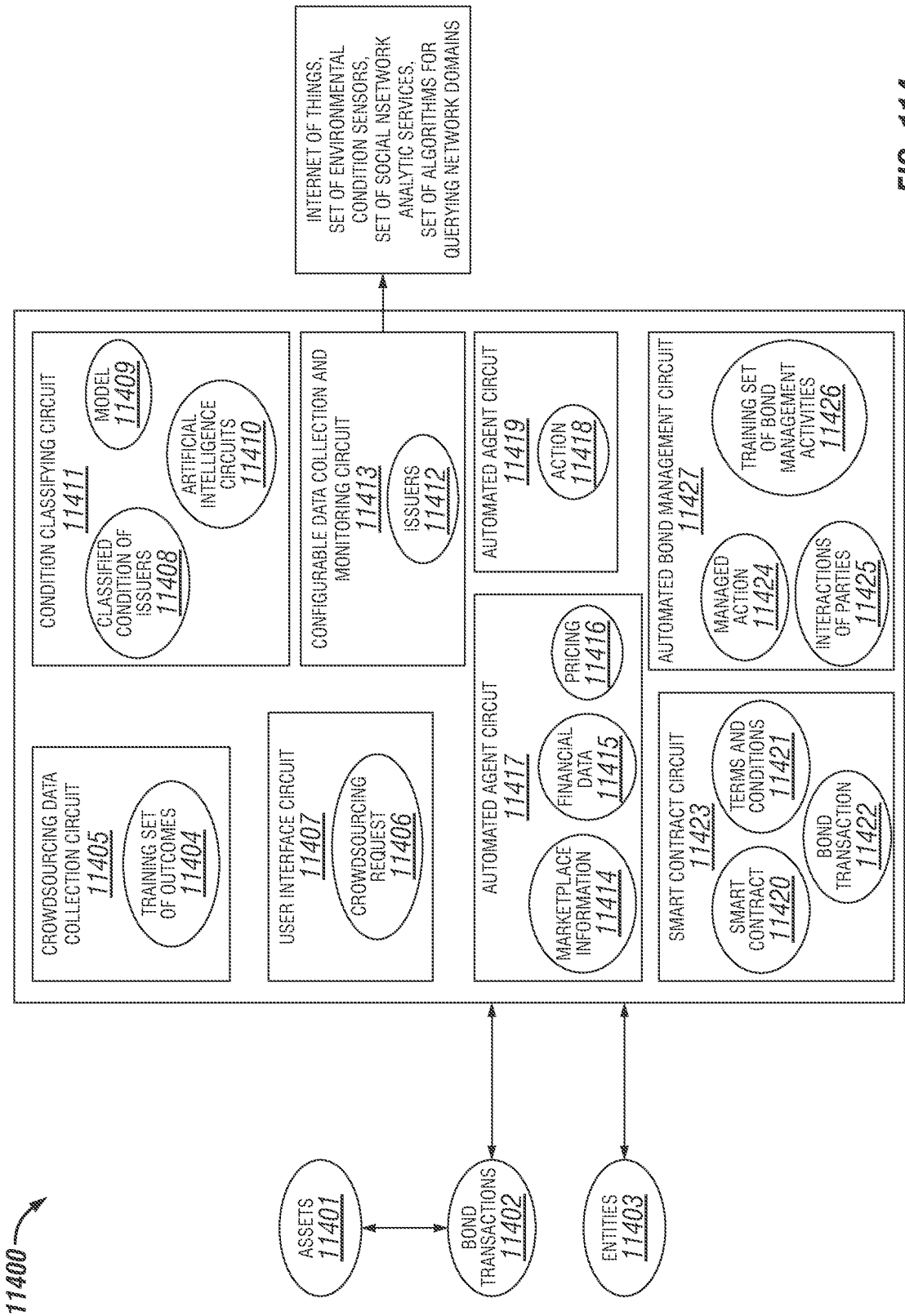


FIG. 114

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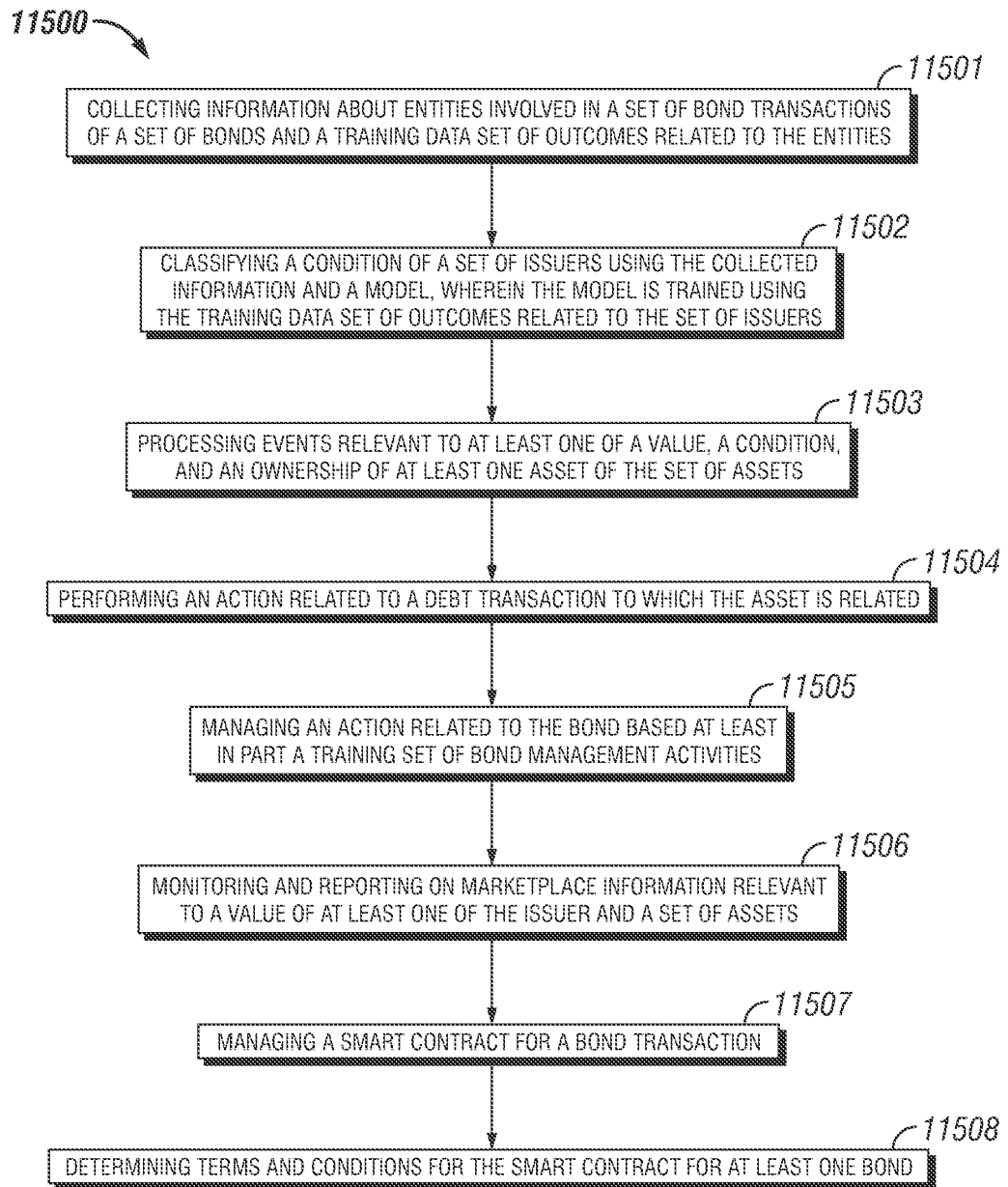


FIG. 115

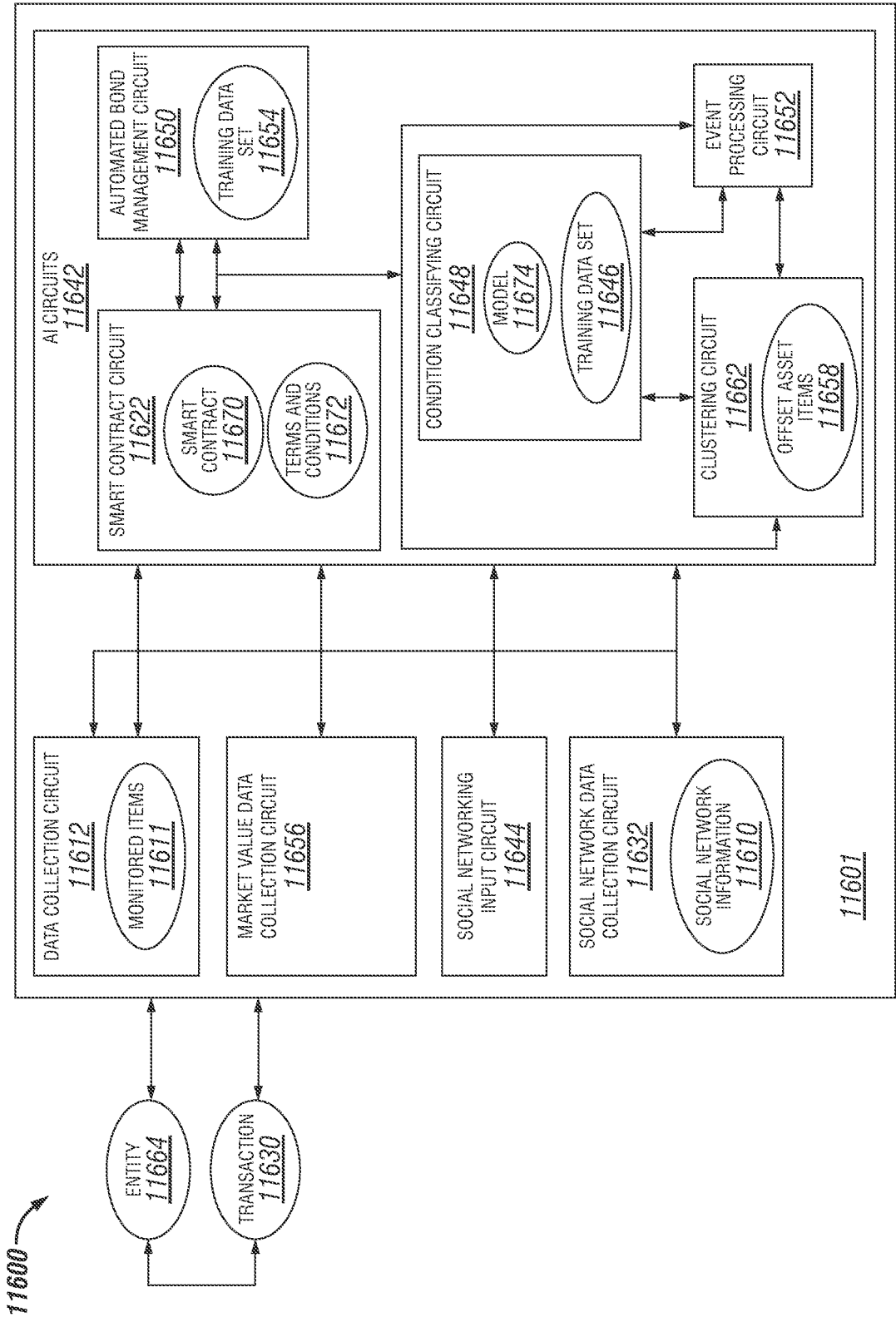


FIG. 116

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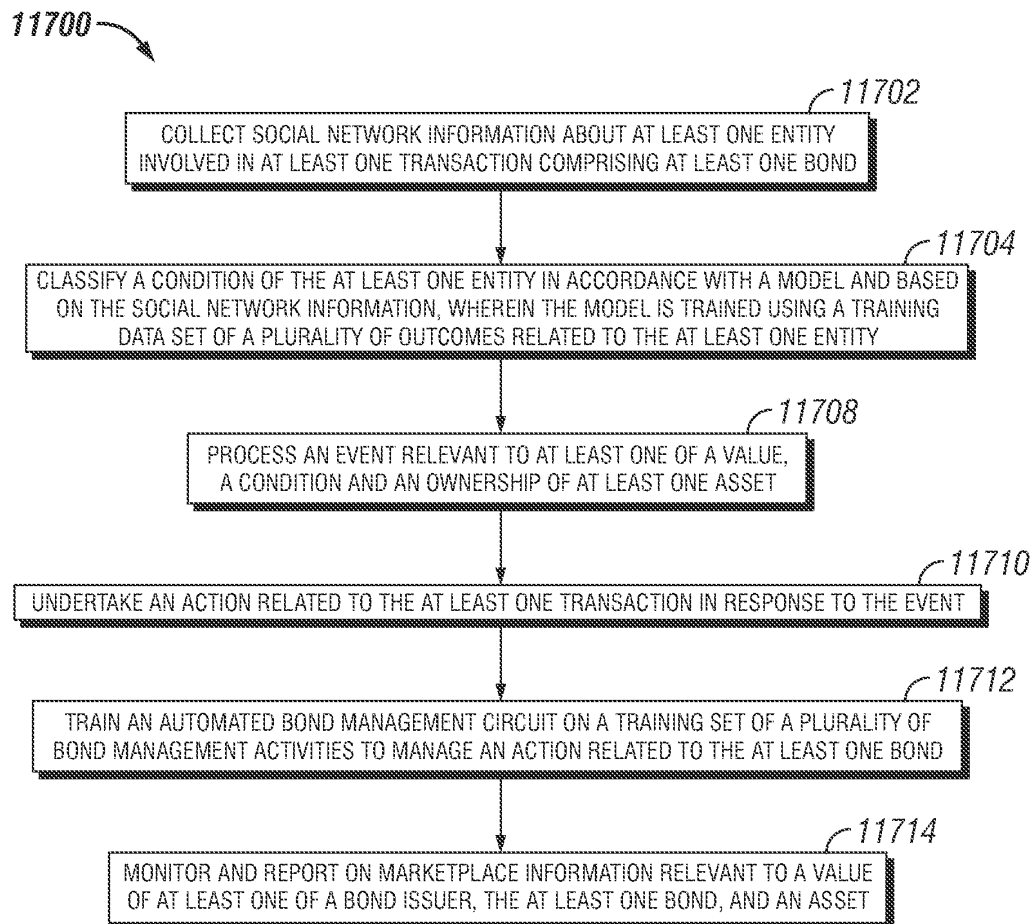


FIG. 117

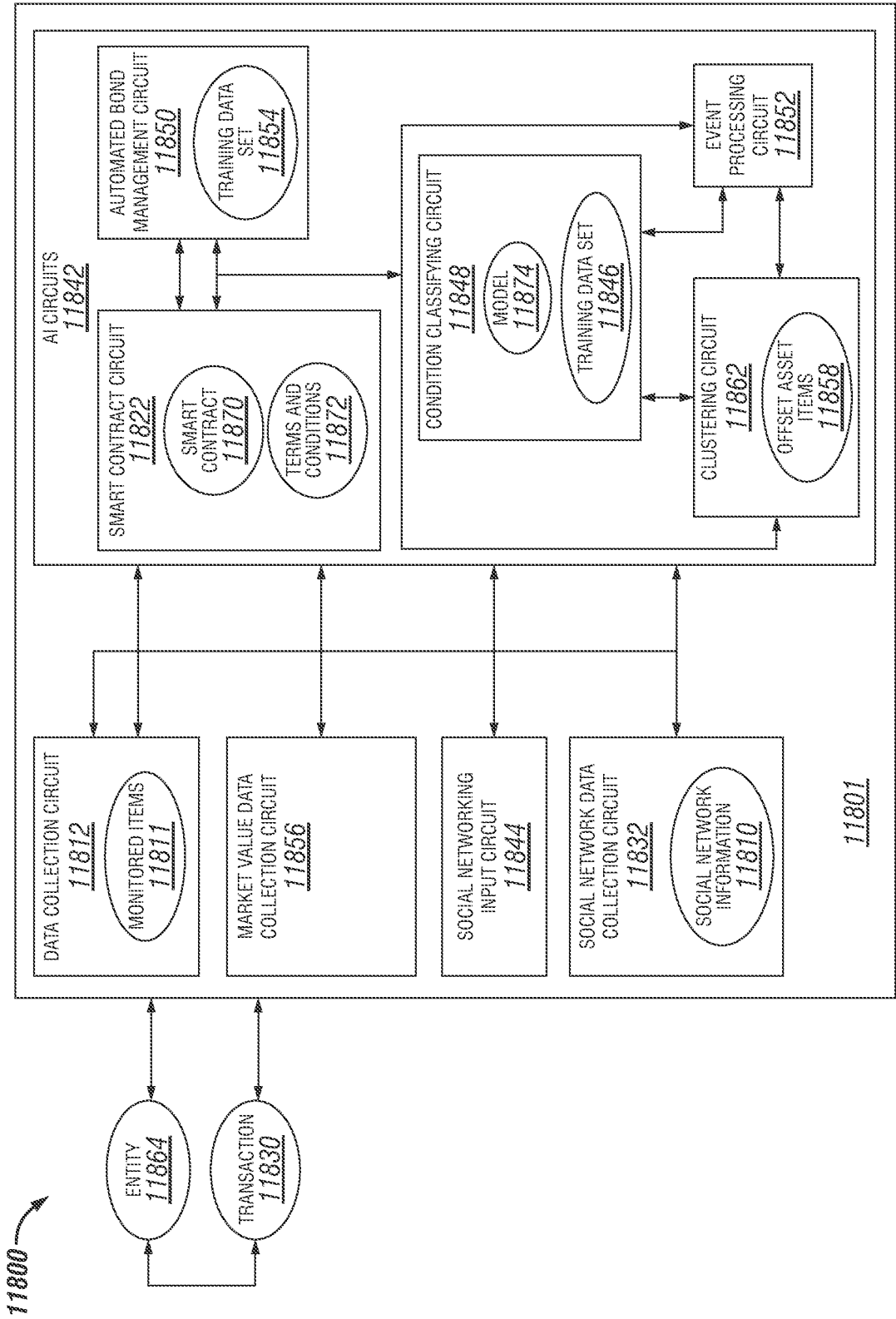


FIG. 118

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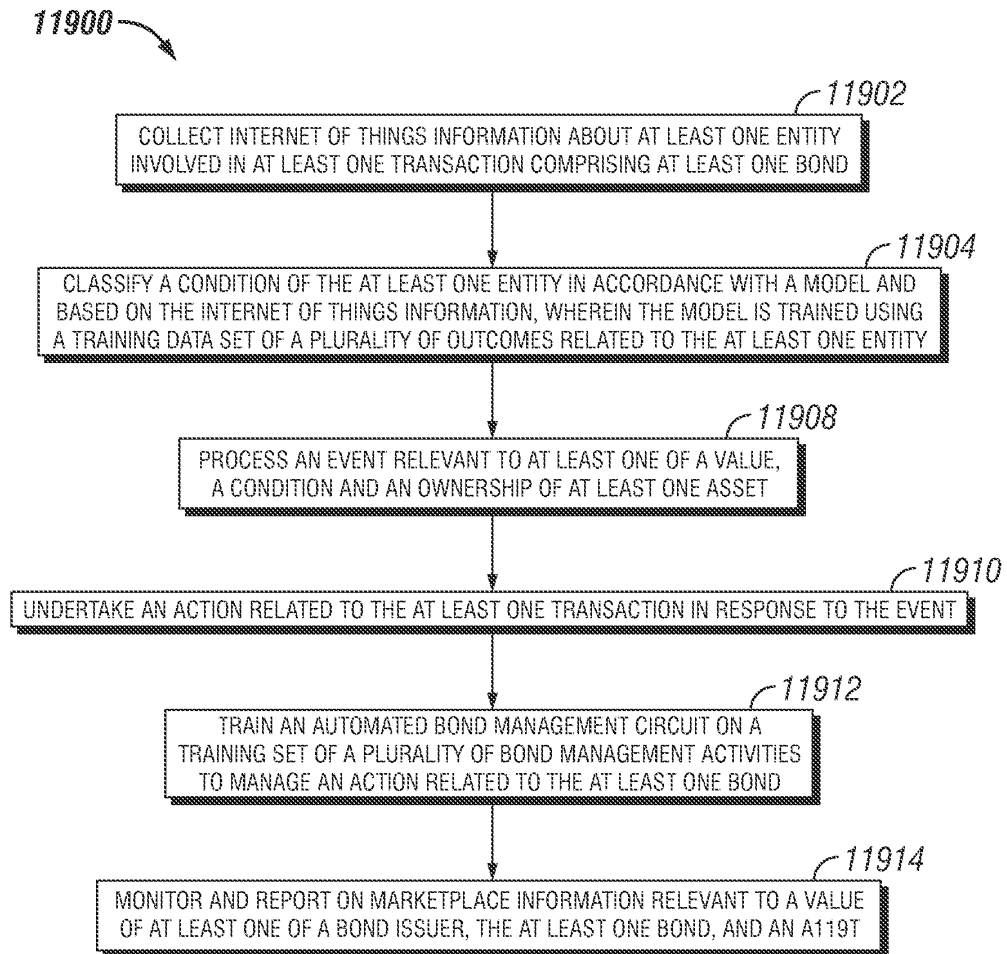


FIG. 119

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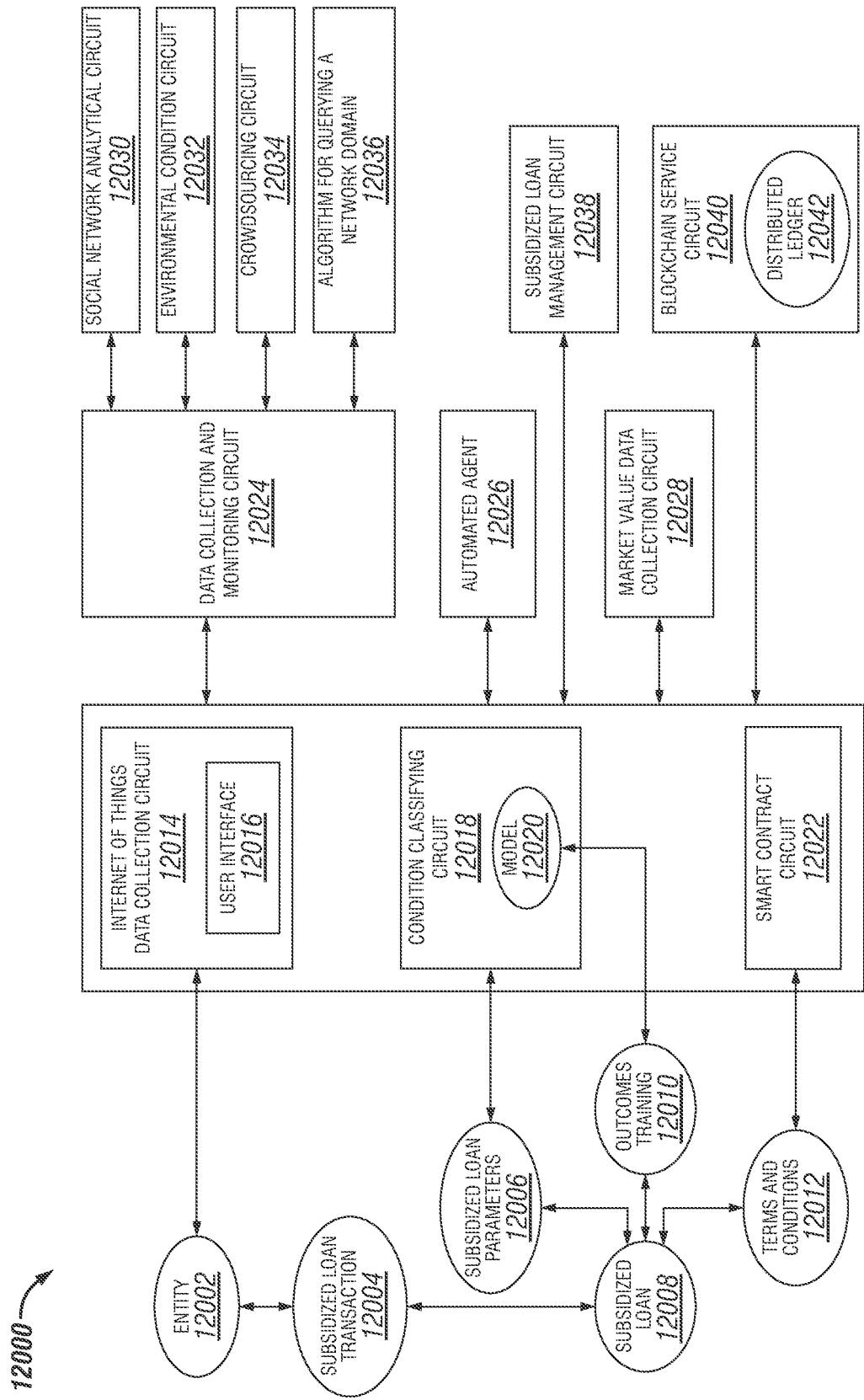


FIG. 120

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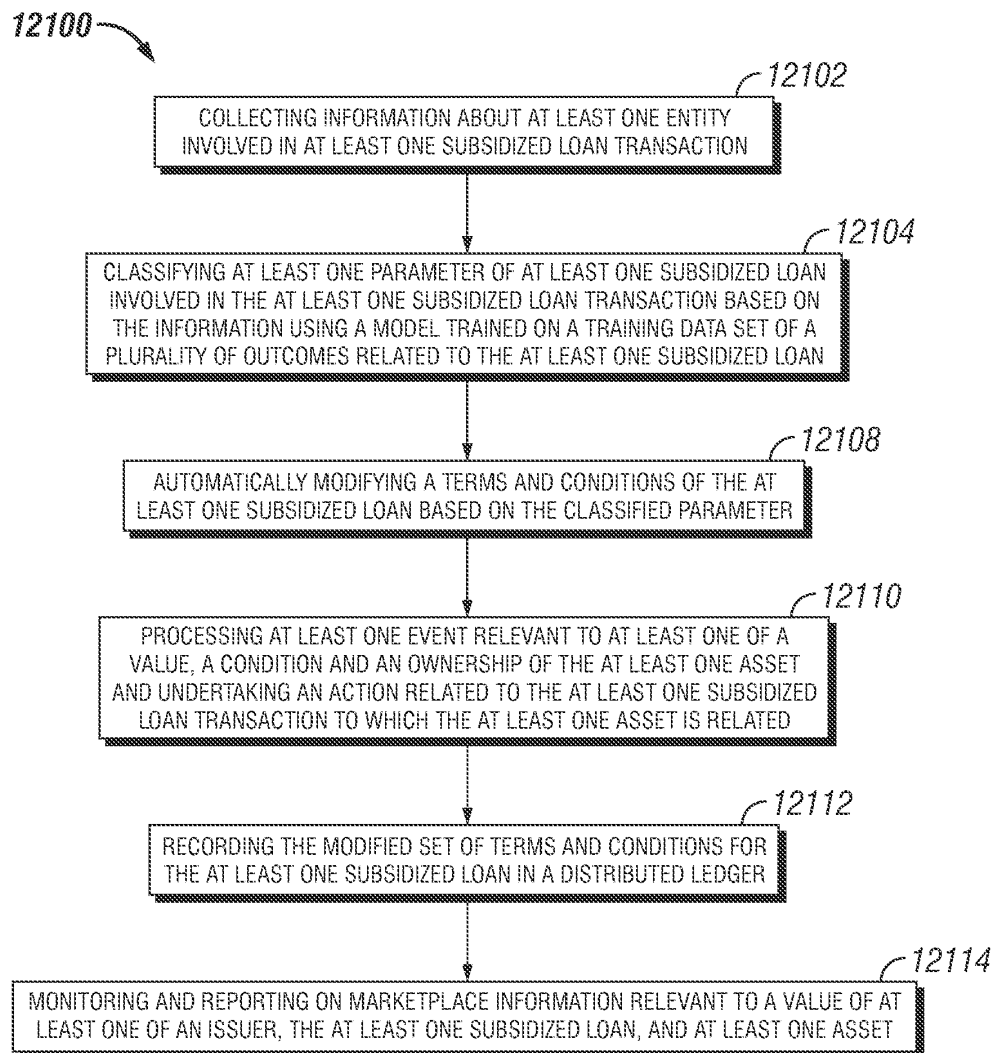


FIG. 121

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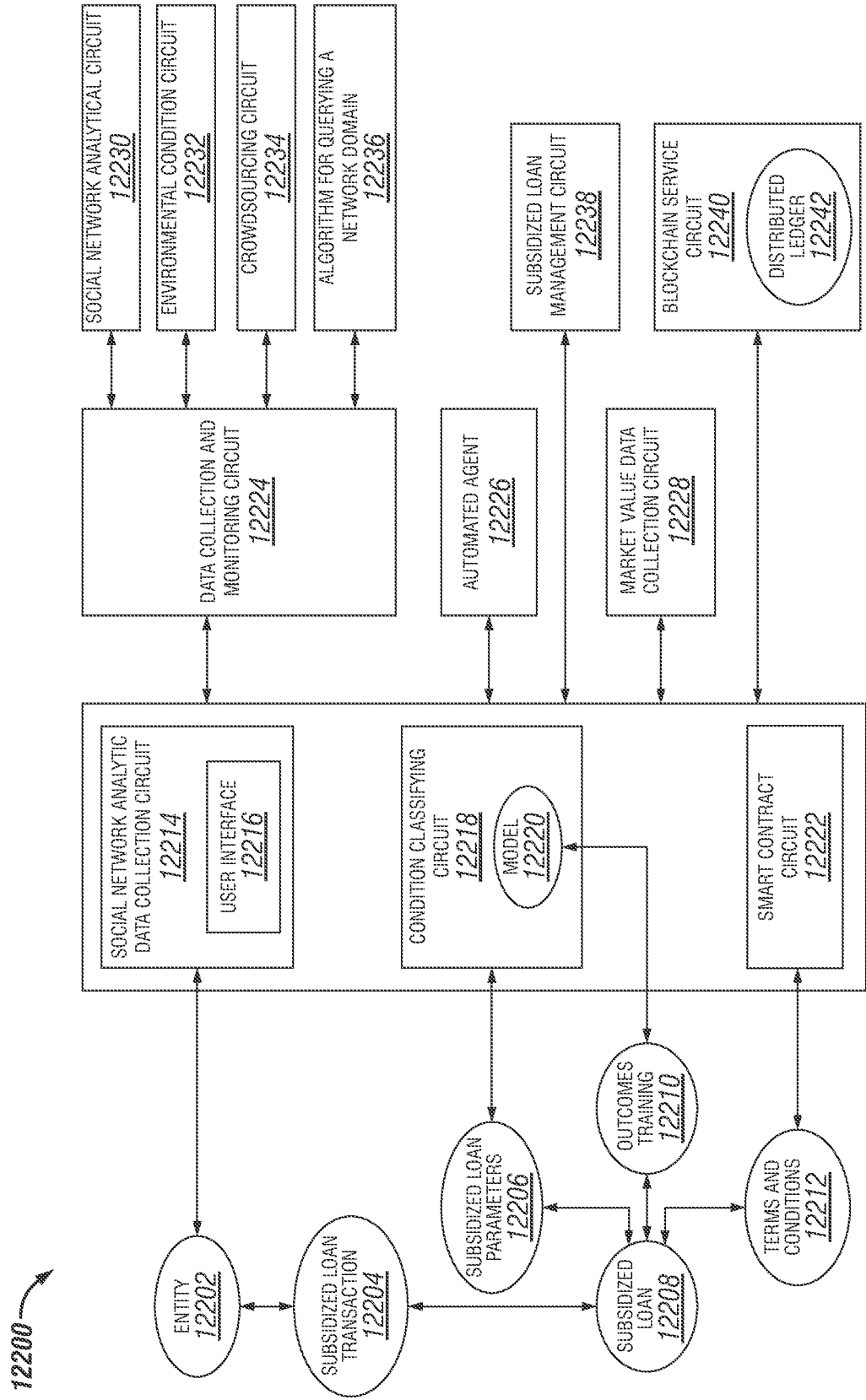


FIG. 122

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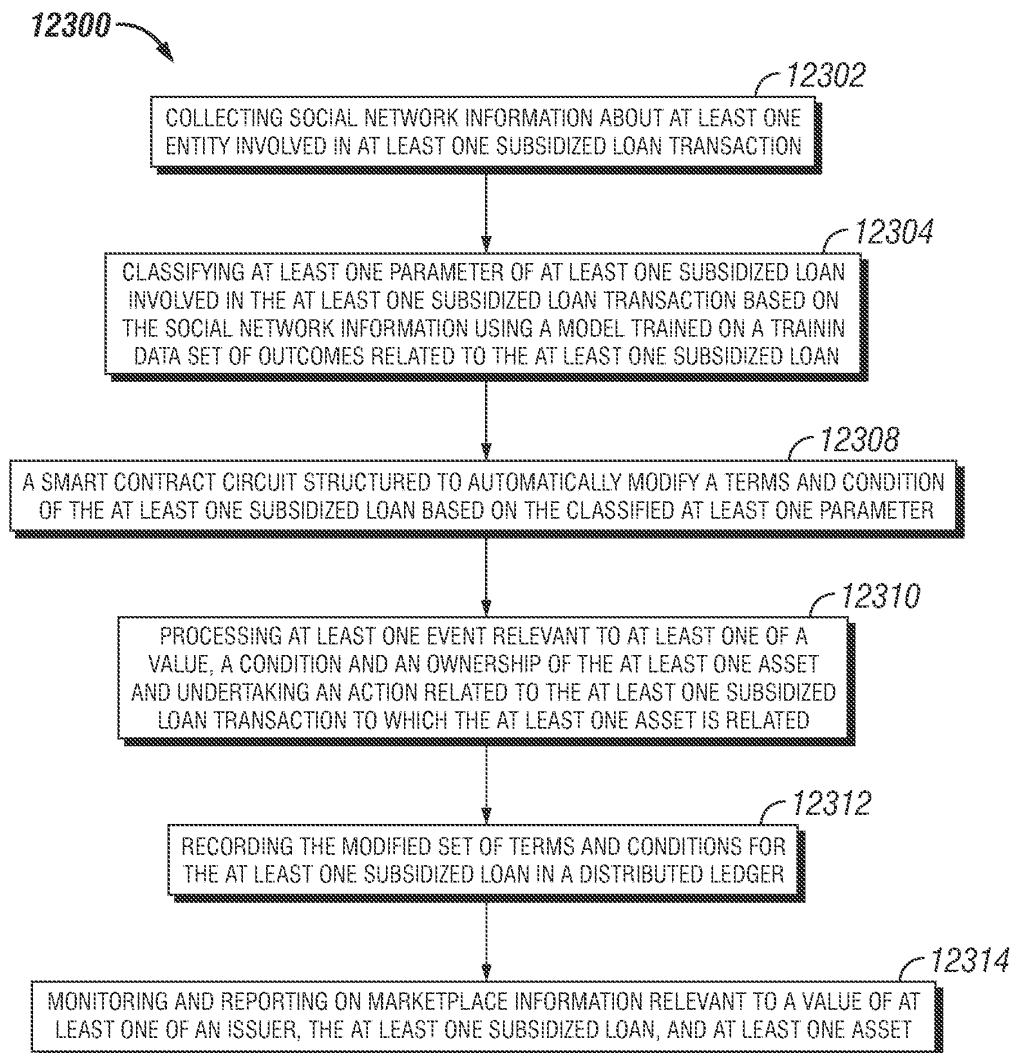


FIG. 123

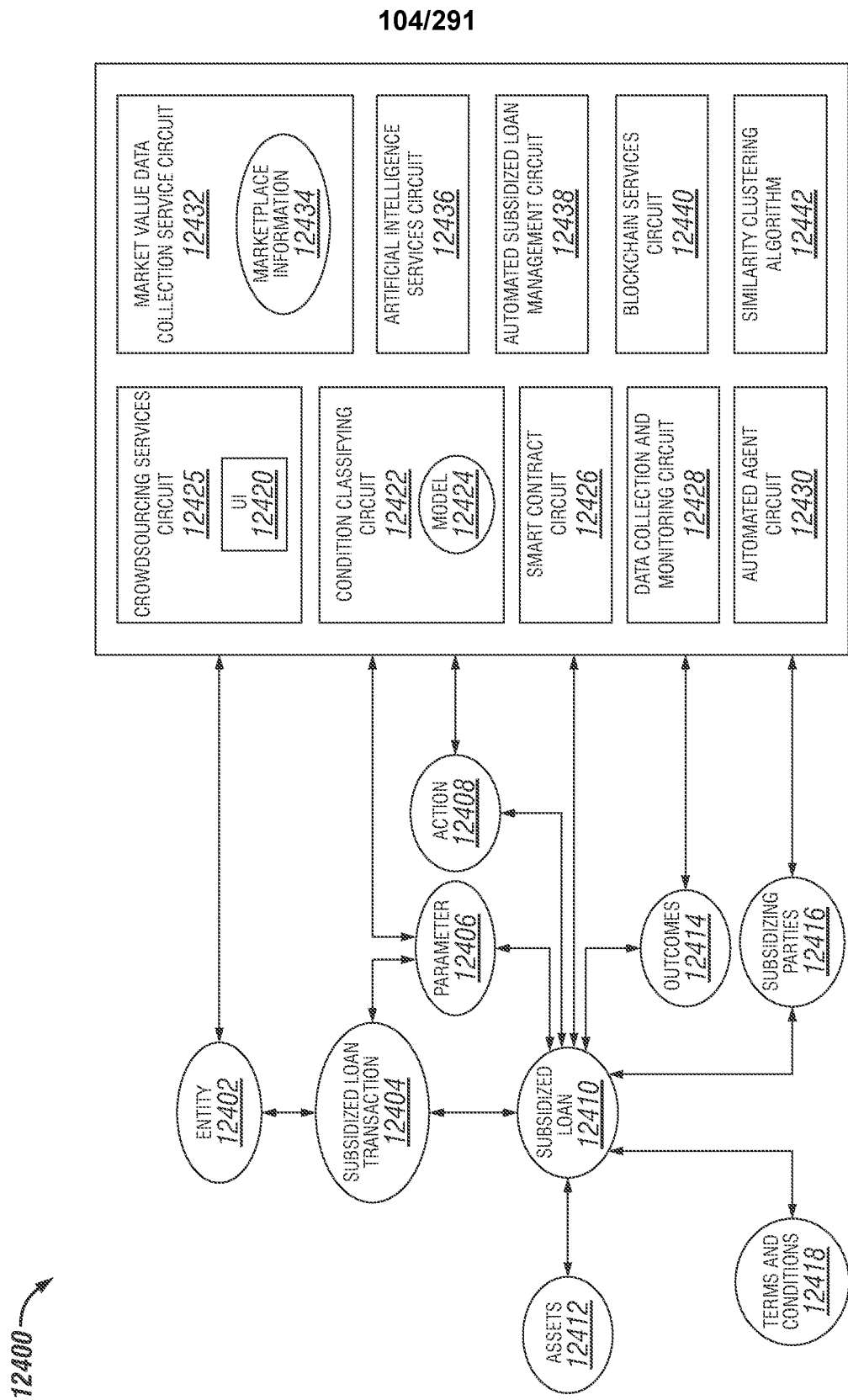


FIG. 124

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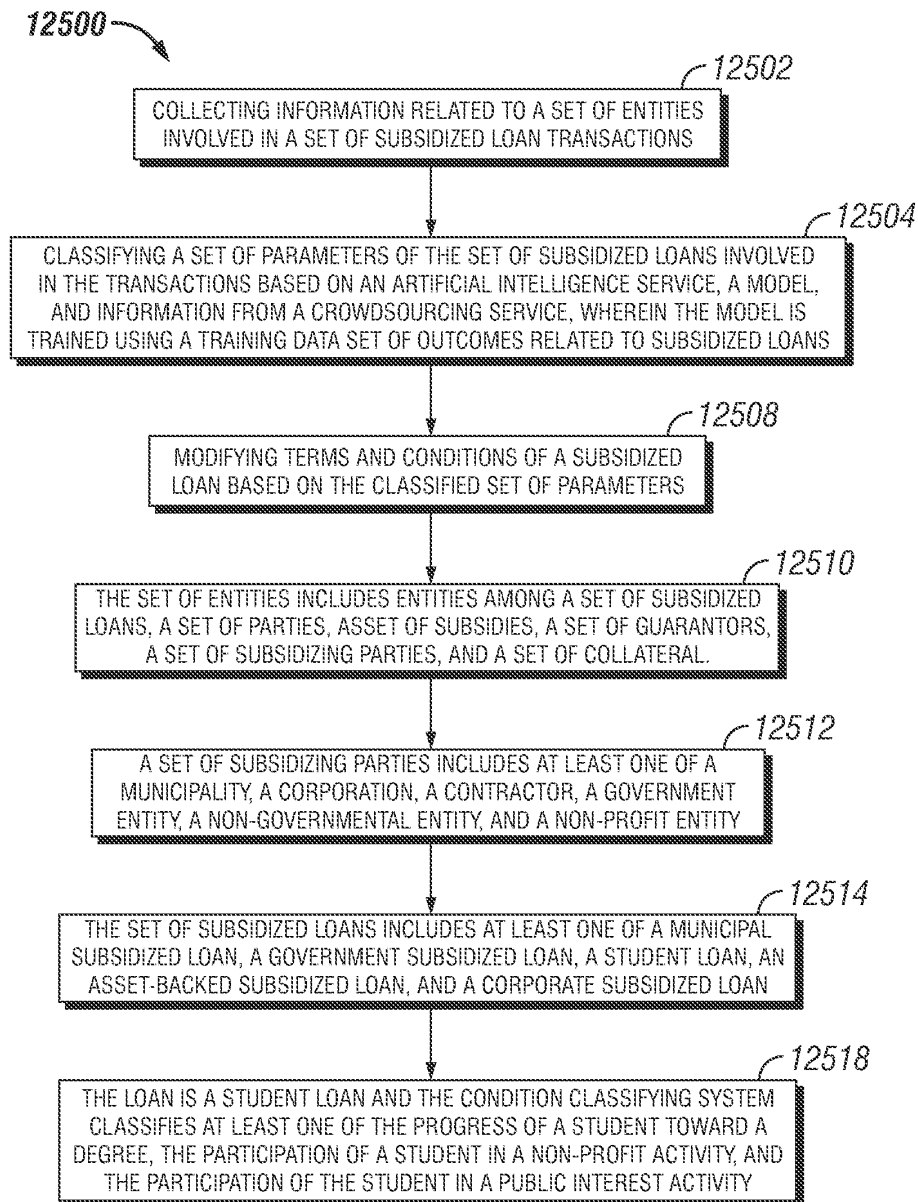


FIG. 125

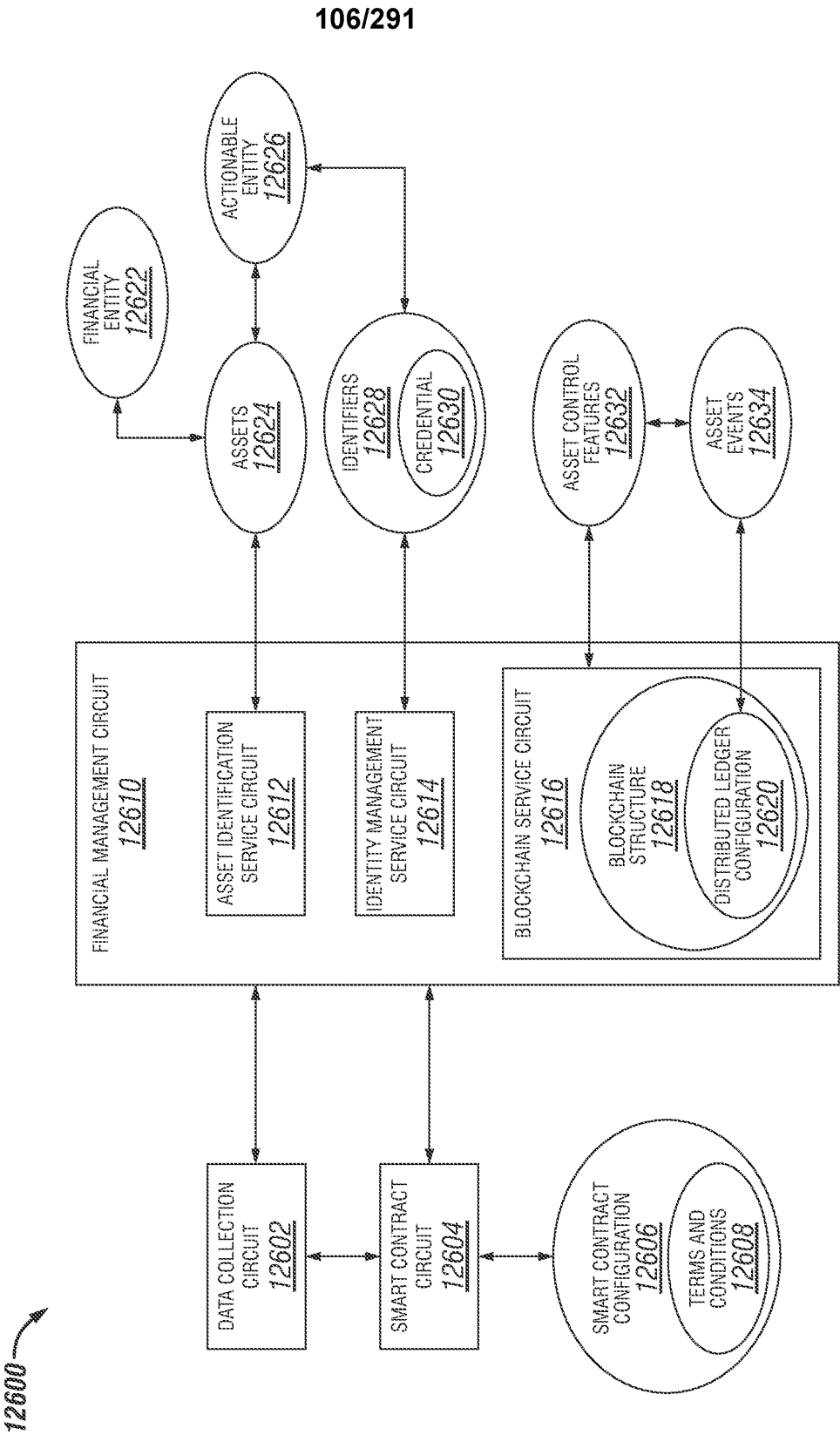


FIG. 126

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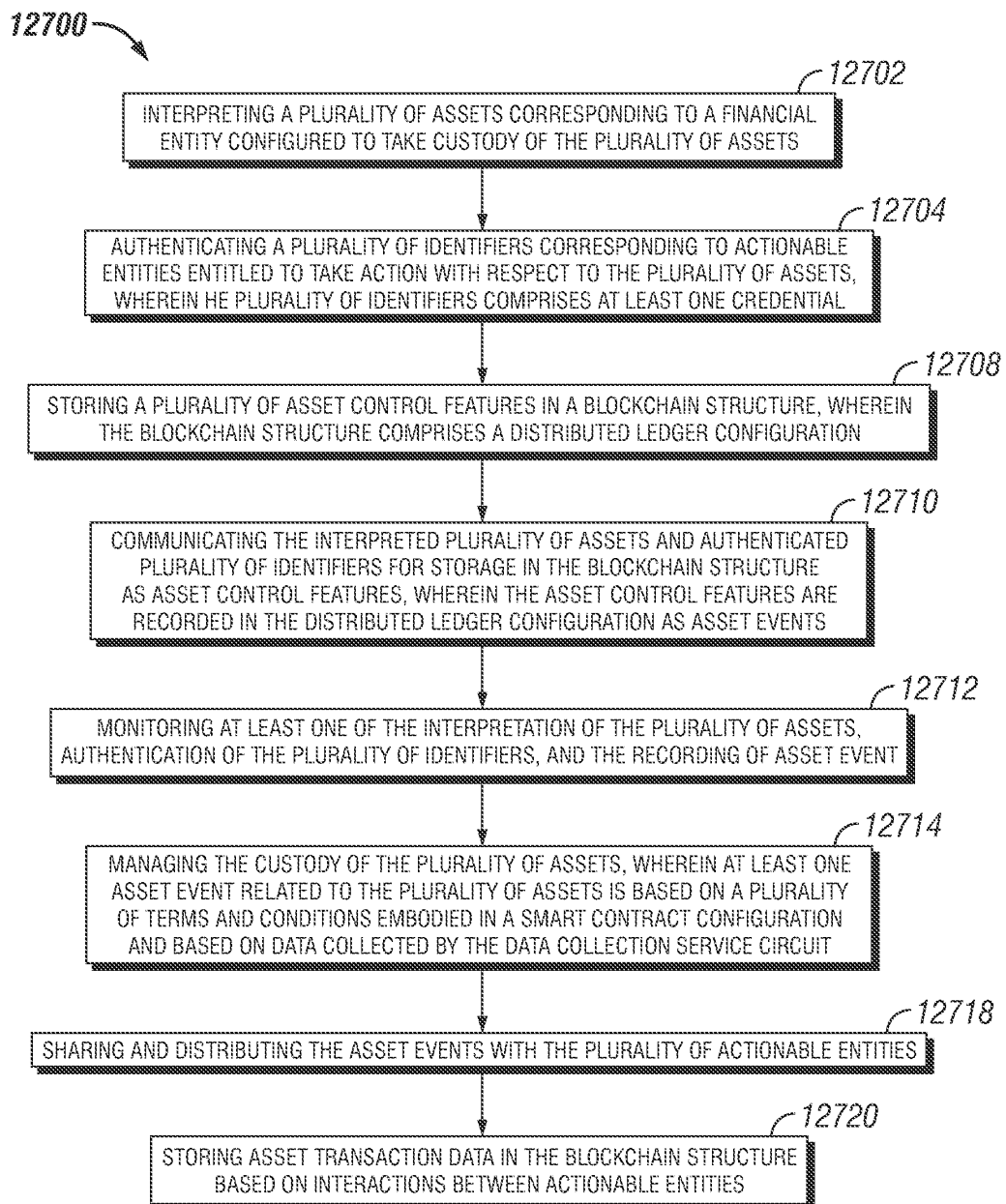


FIG. 127

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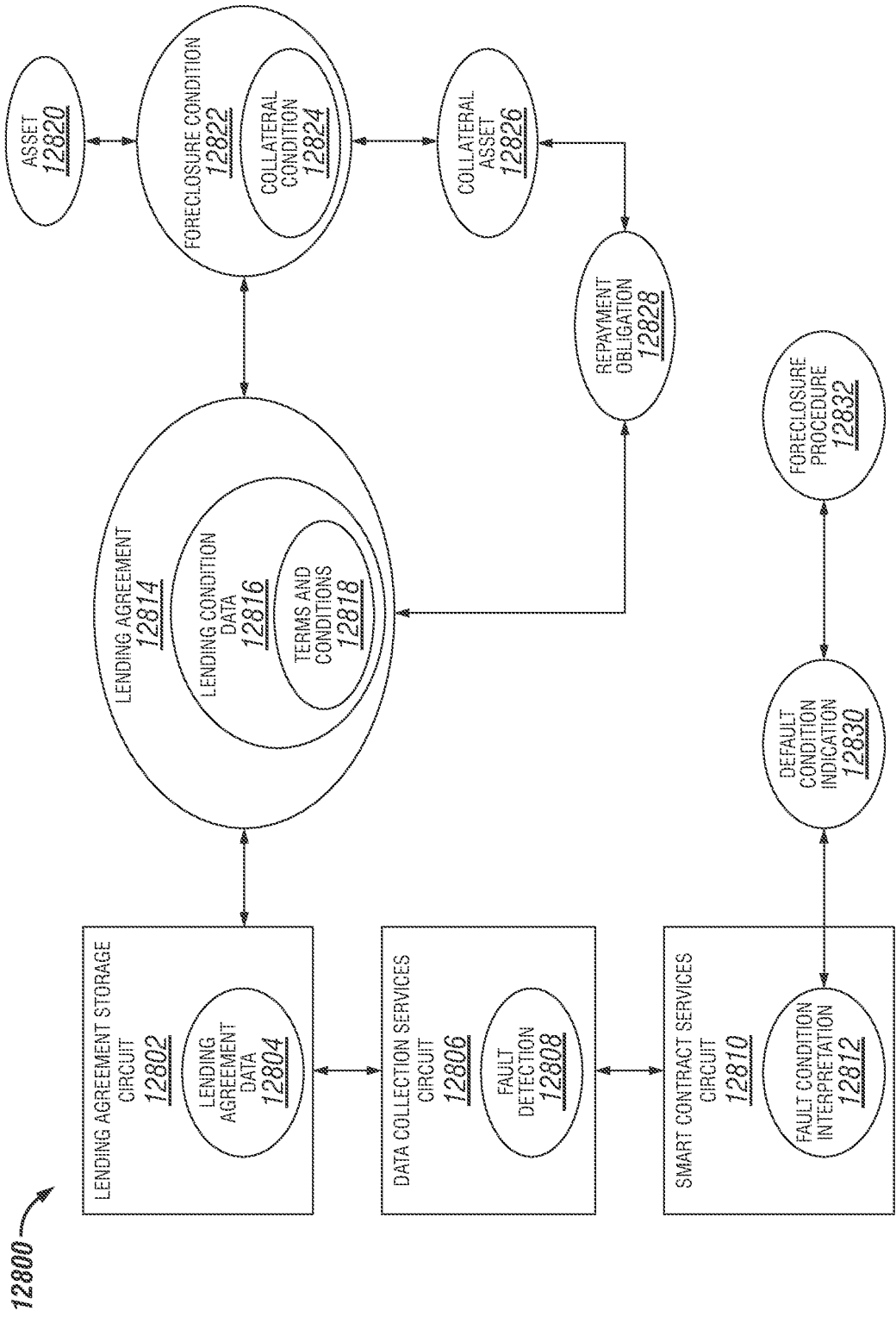


FIG. 128

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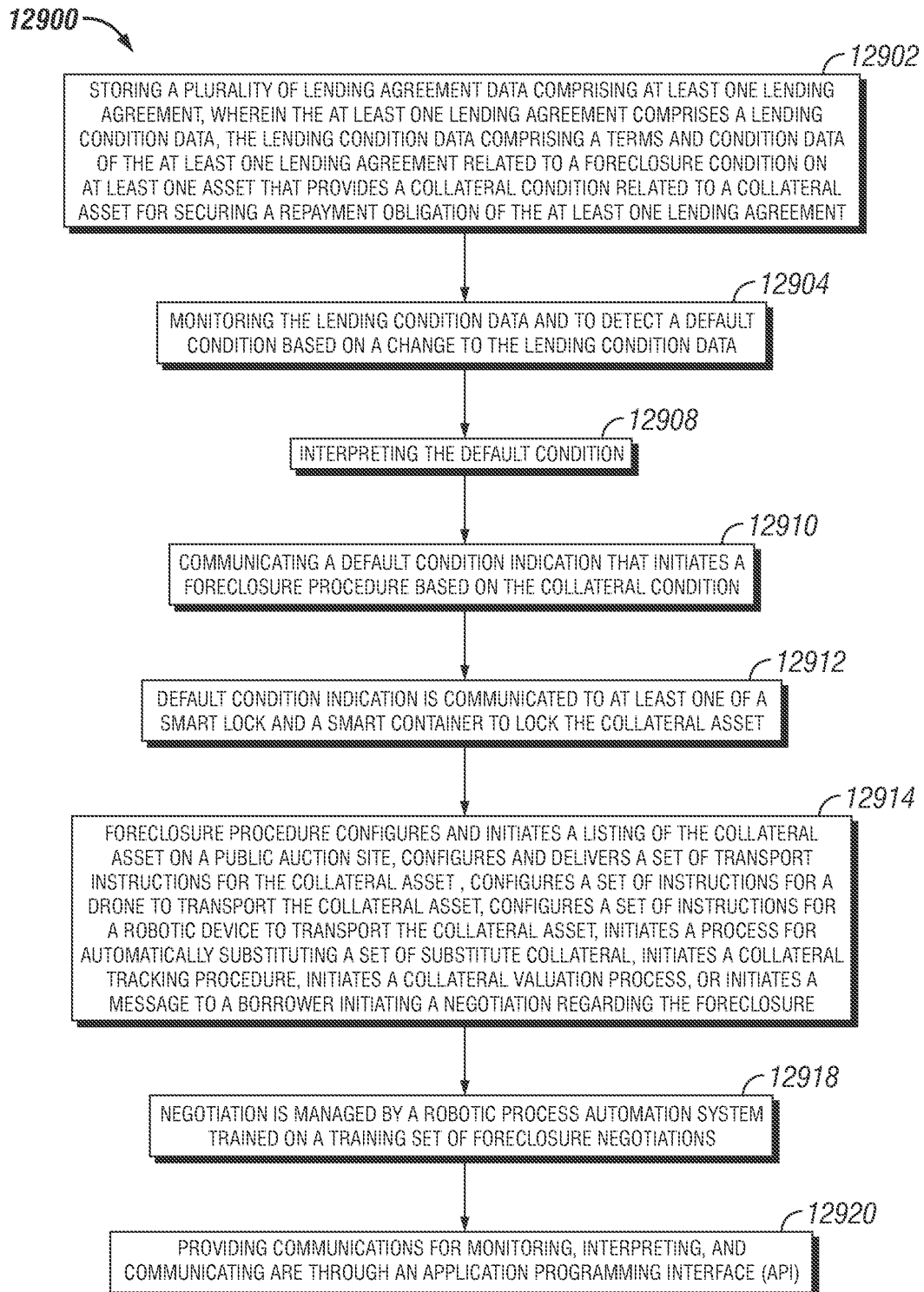


FIG. 129

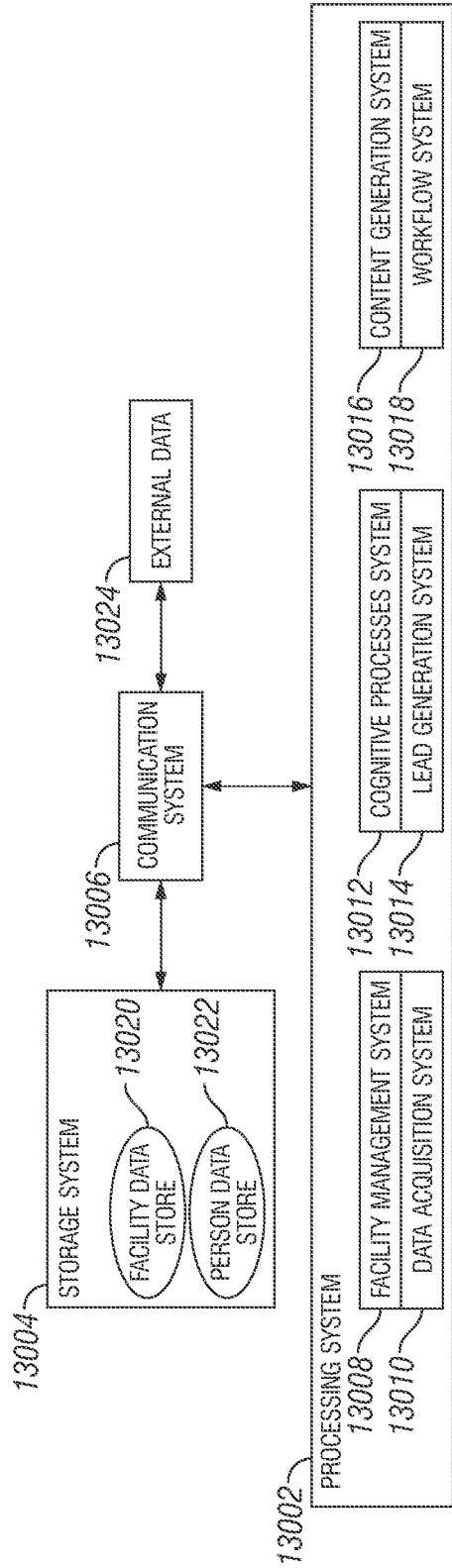


FIG. 130

PERSON RECORD	
IDENTIFIER:	[TKTK]
NAME:	[TKTK]
FACILITIES:	[TKTK]
TITLE:	[TKTK]
CONTACTS:	[TKTK]
METADATA:	[JOIN DATE], [ACTION DATE(S)], [ETC.]

FIG. 132

FACILITY DATA RECORD	
IDENTIFIER:	[TKTK]
TYPE:	[TKTK]
PARTICIPANTS:	[TKTK]
METADATA:	[CREATION DATE], [EDIT DATE(S)], [ETC.]

FIG. 131

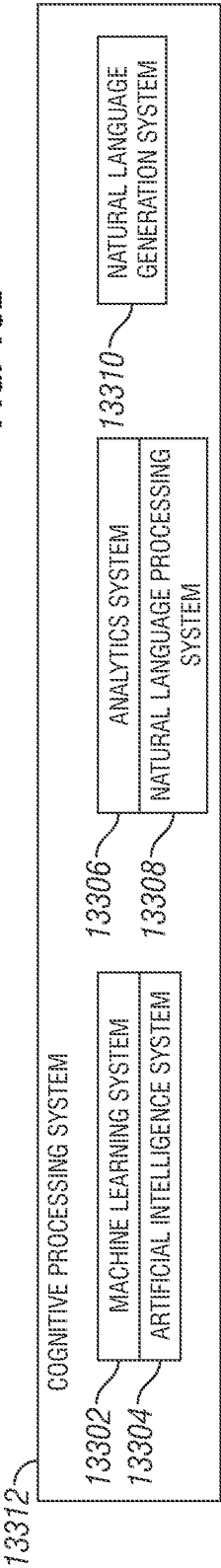
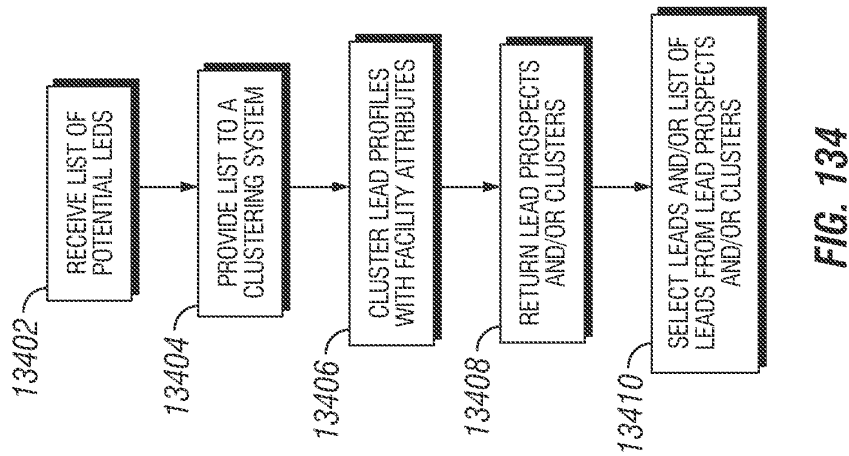
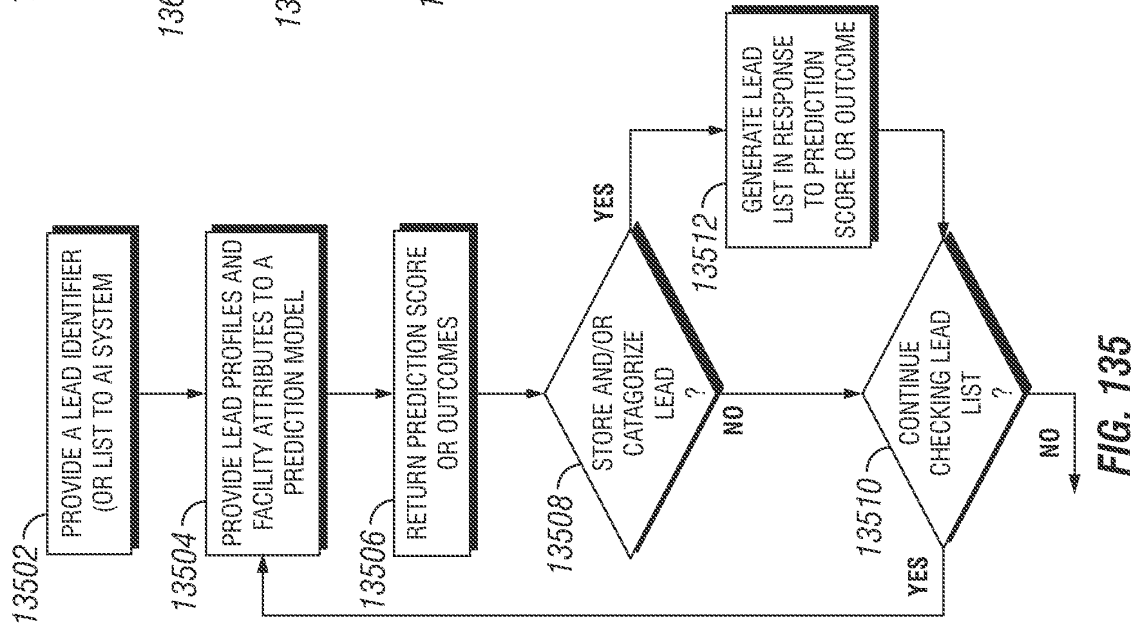
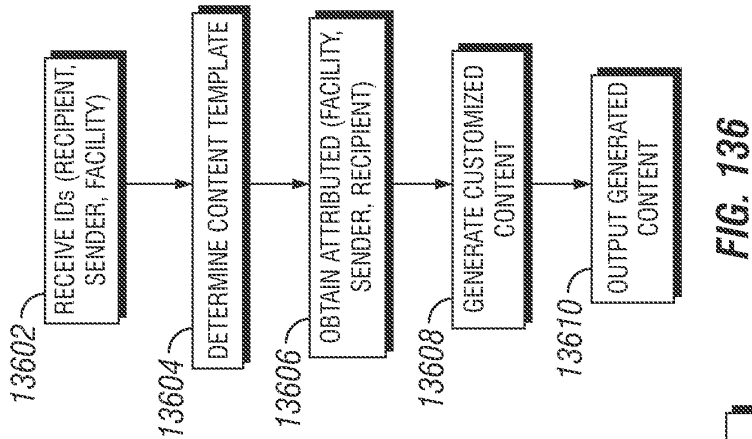


FIG. 133



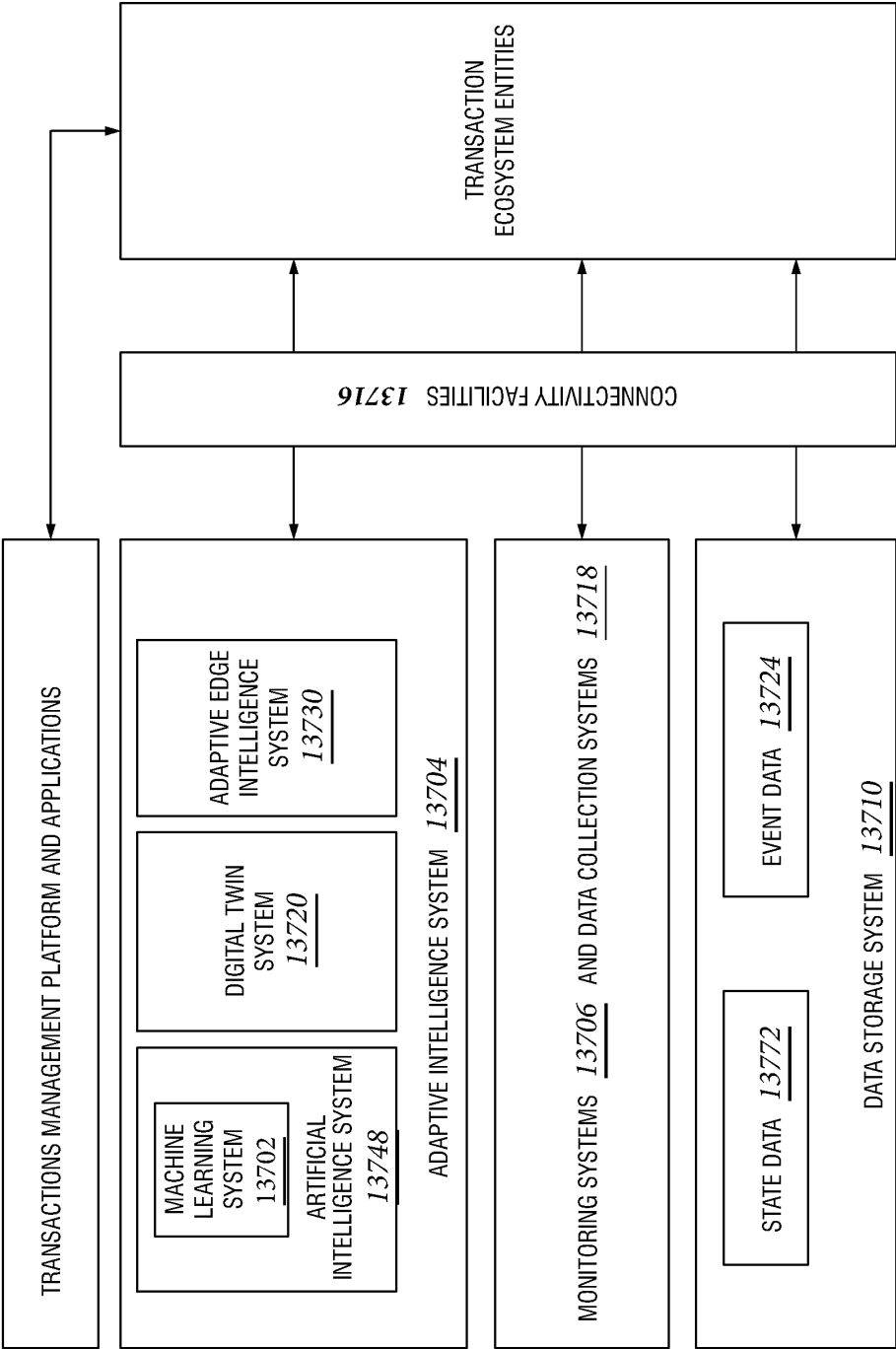


FIG. 137

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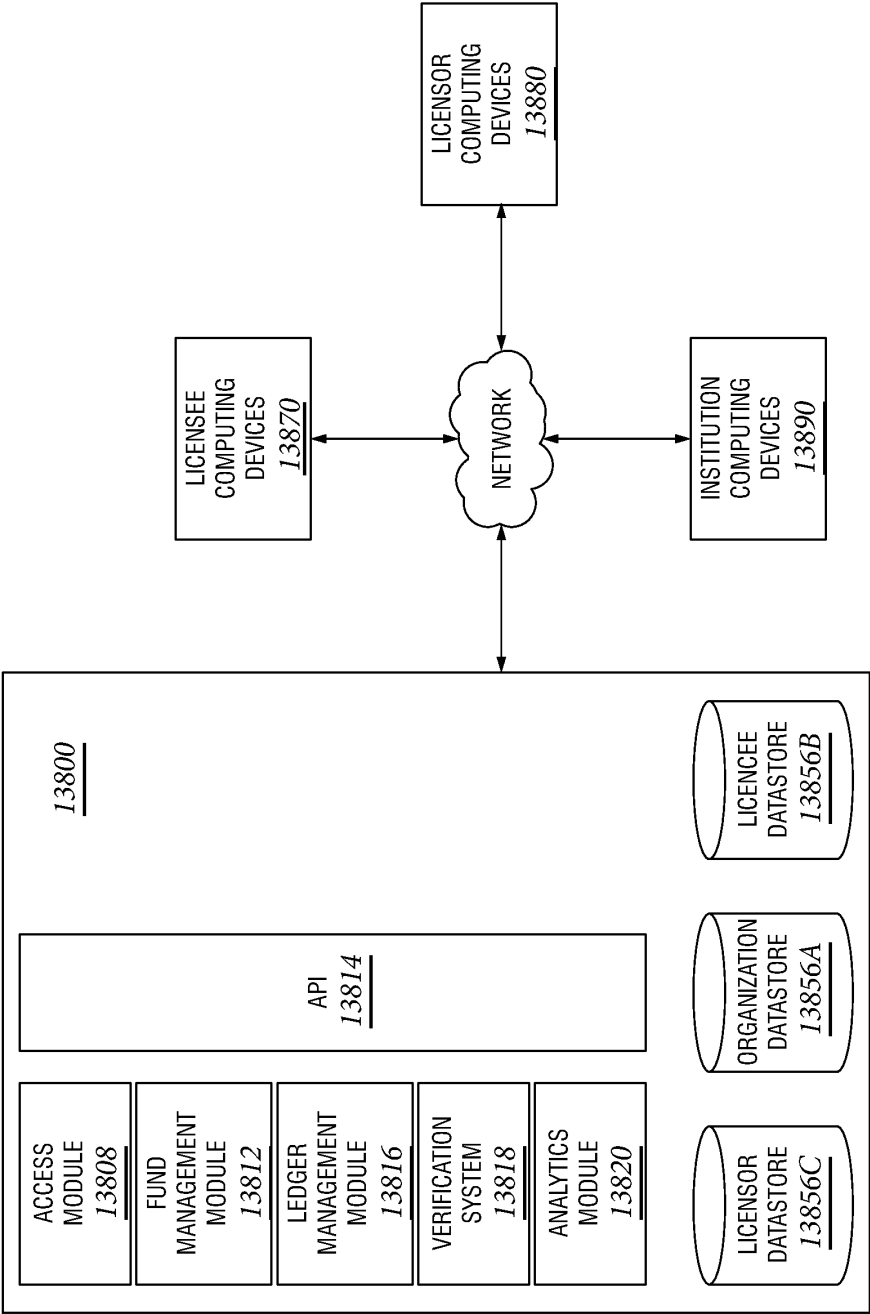


FIG. 138

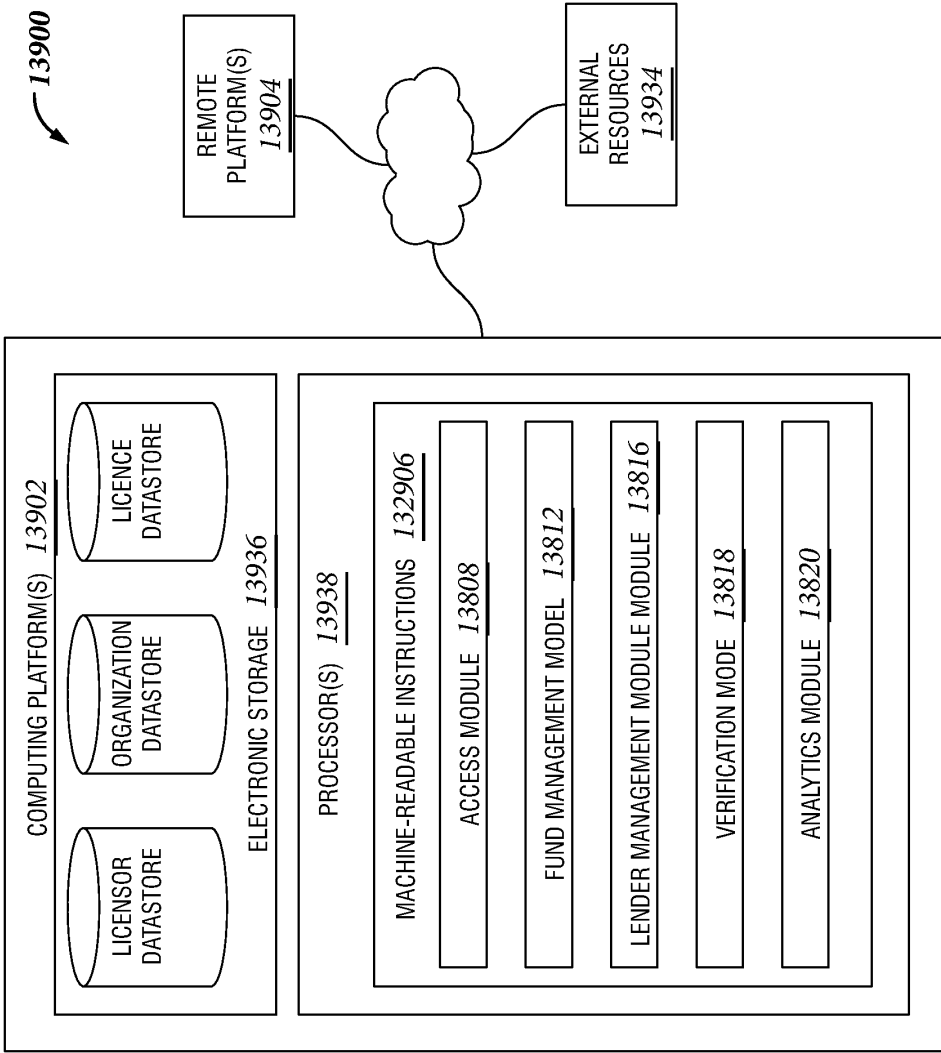
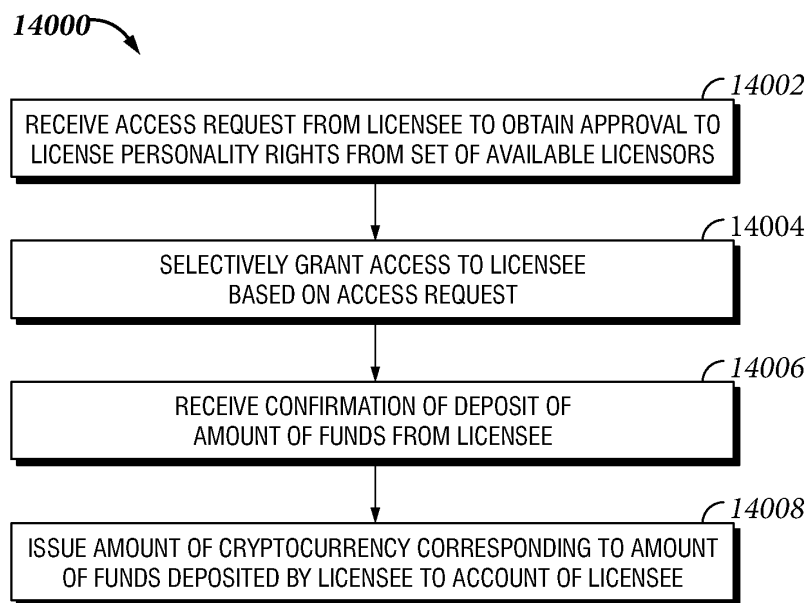


FIG. 139

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**FIG. 140**

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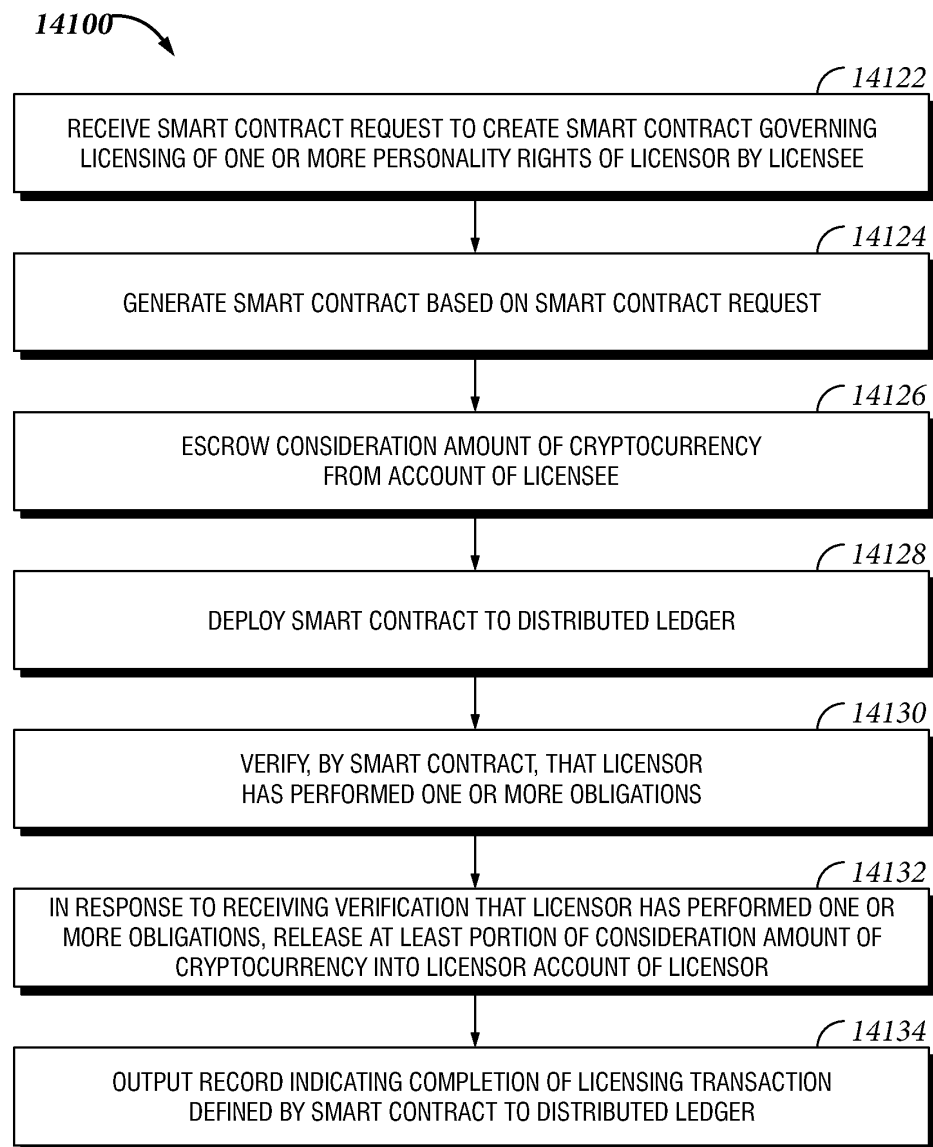


FIG. 141

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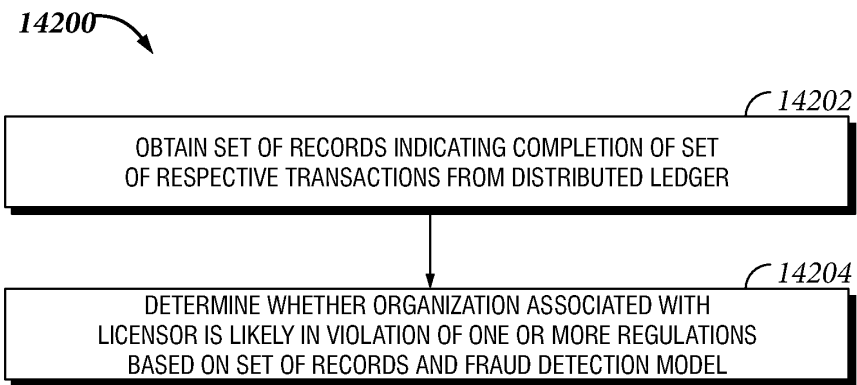


FIG. 142

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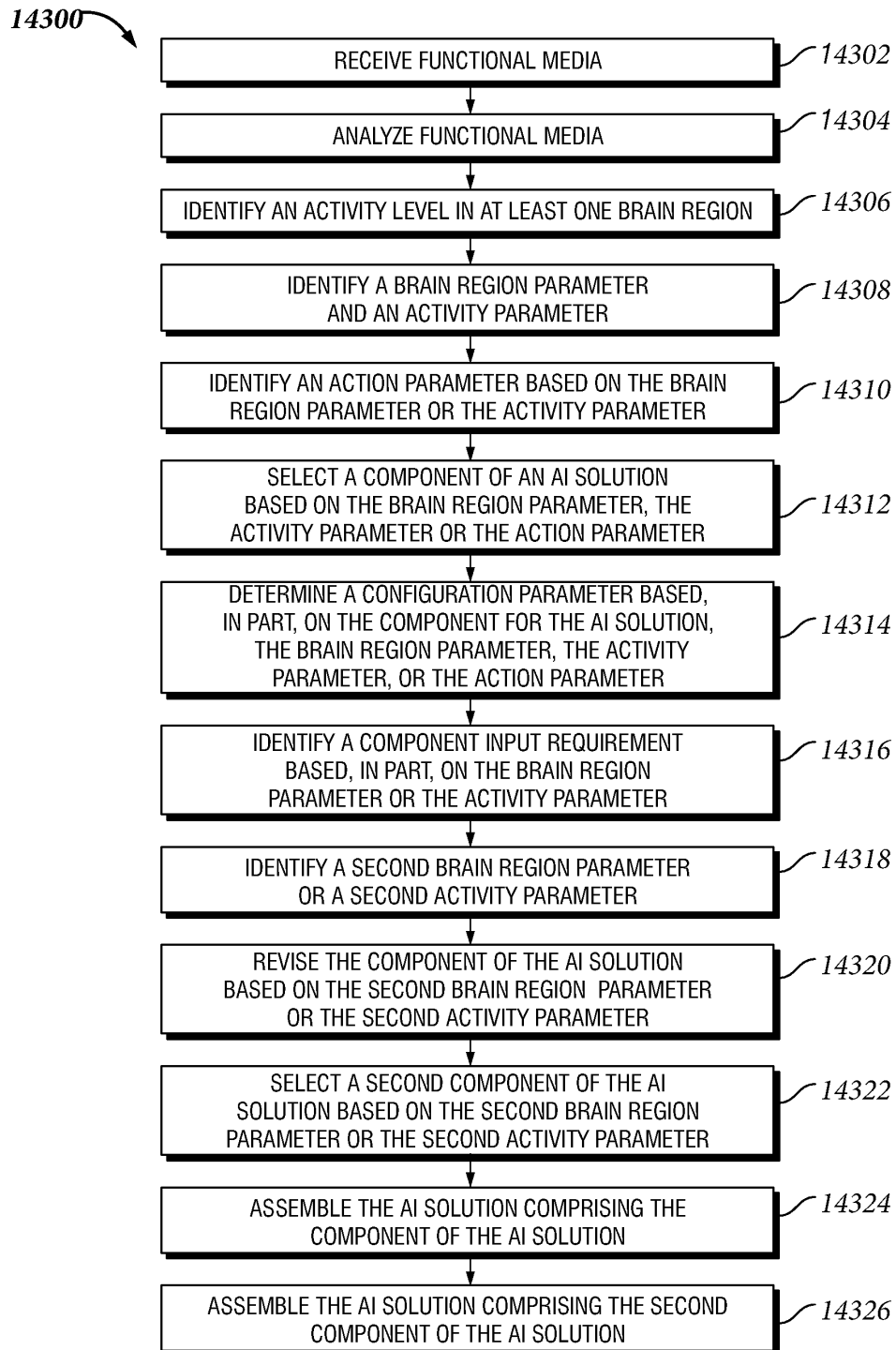


FIG. 143

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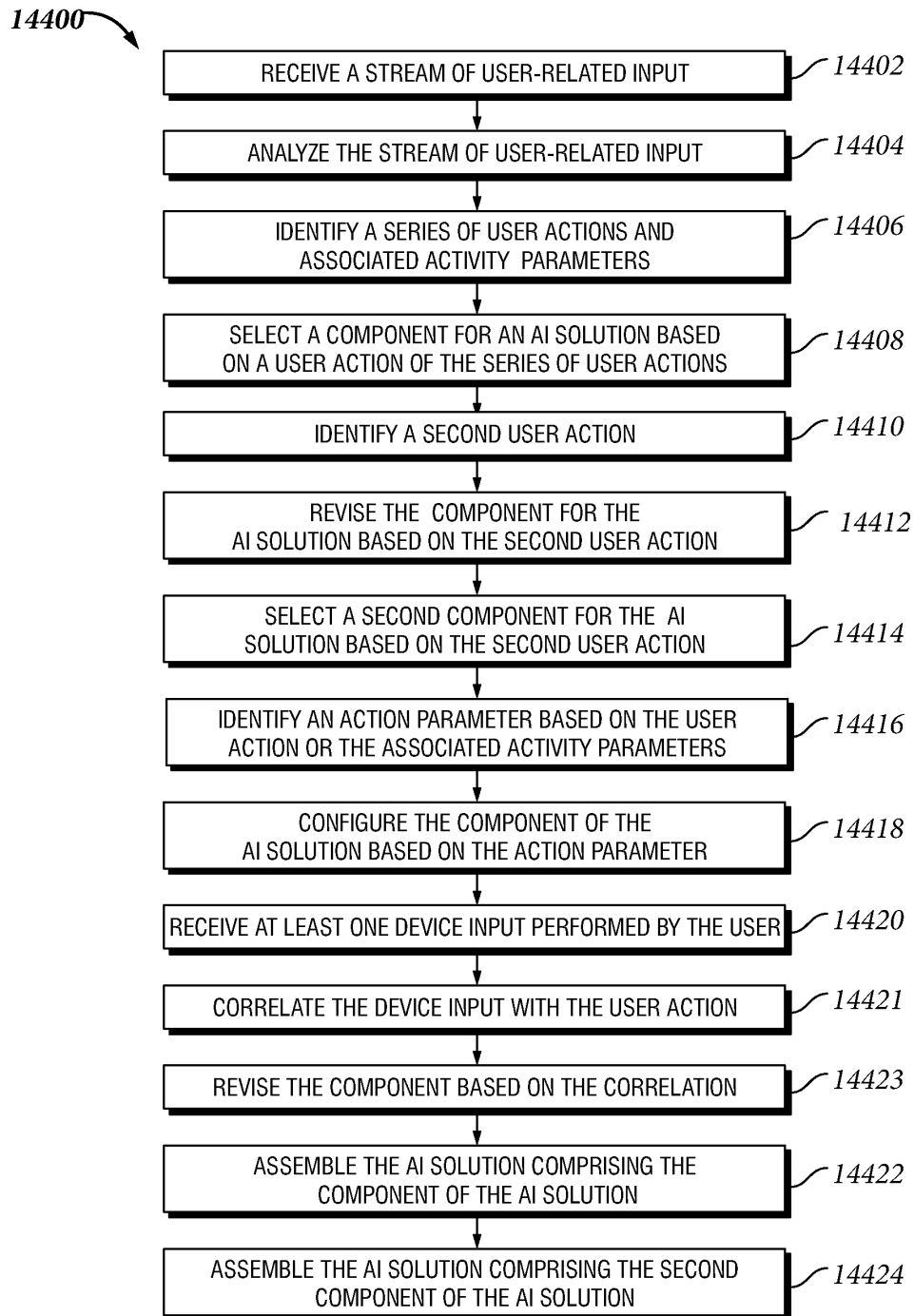


FIG. 144

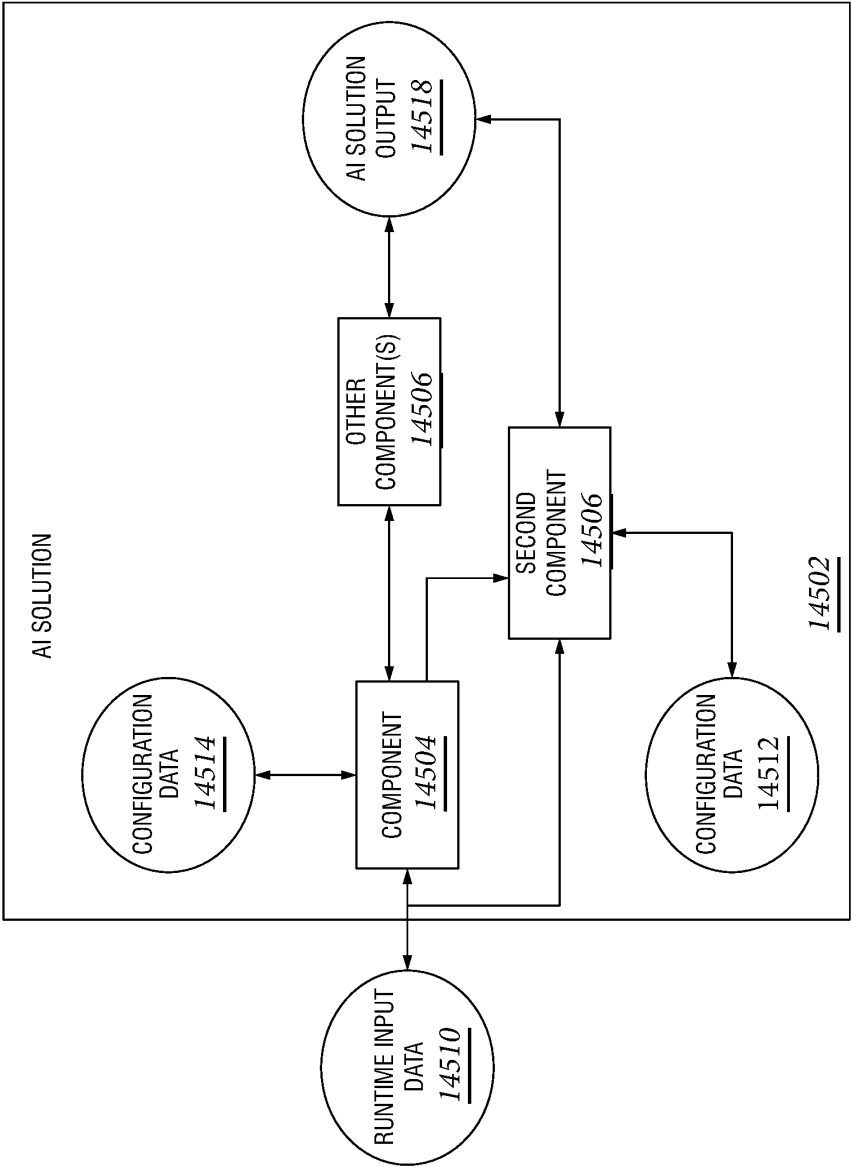


FIG. 145

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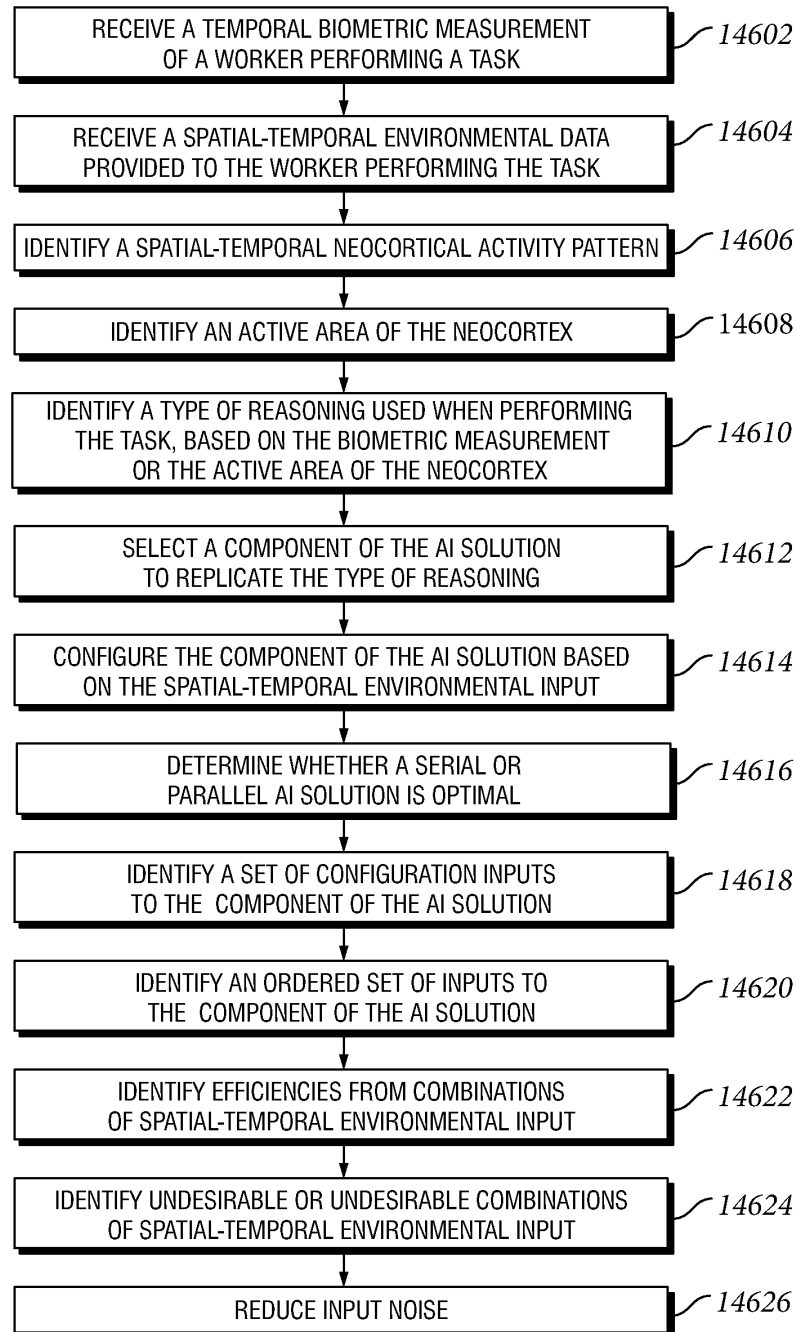
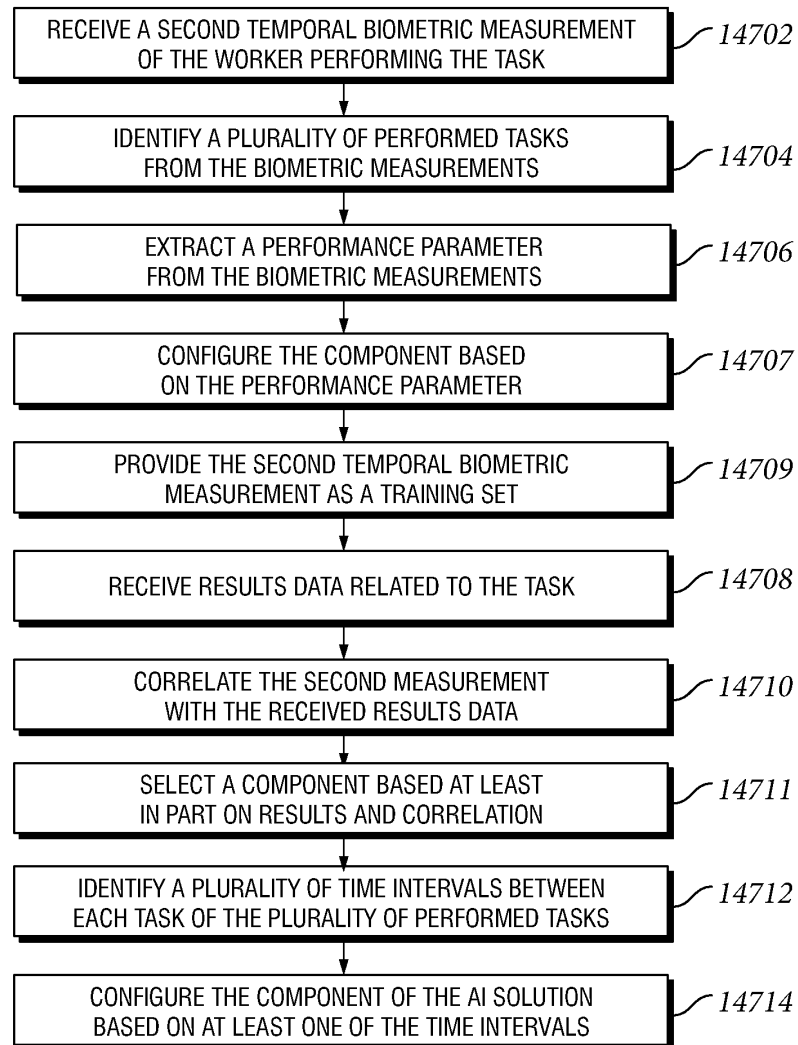


FIG. 146

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**FIG. 147**

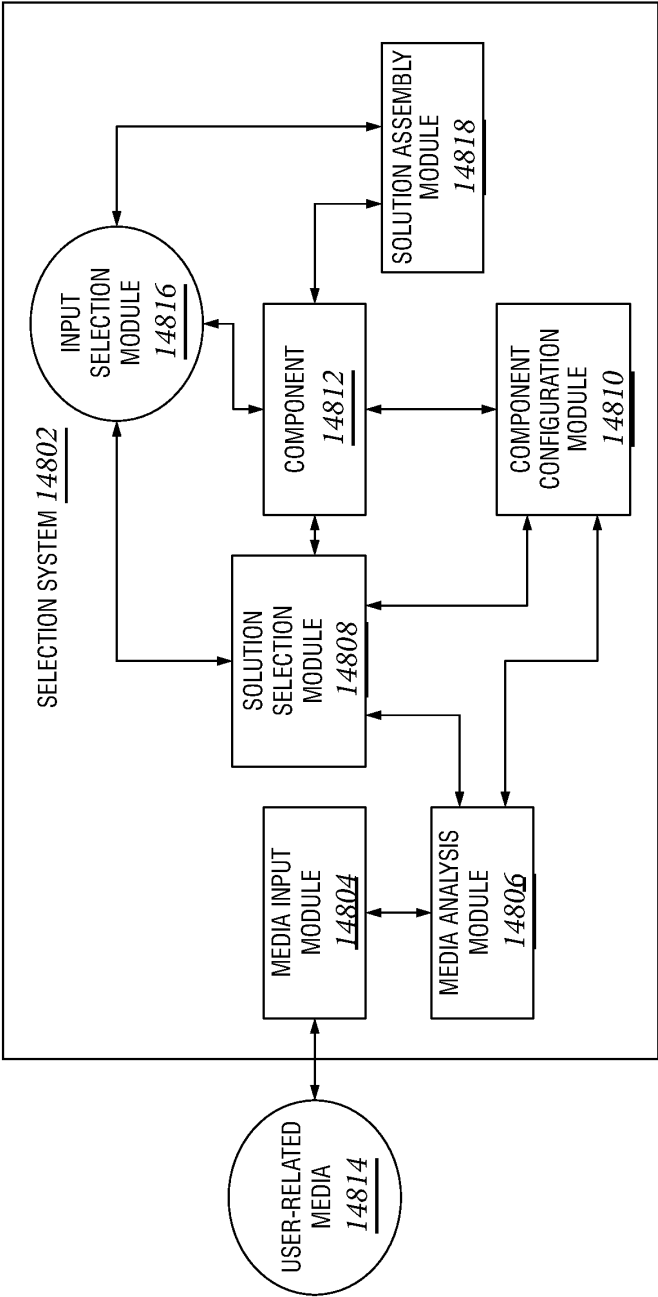


FIG. 148

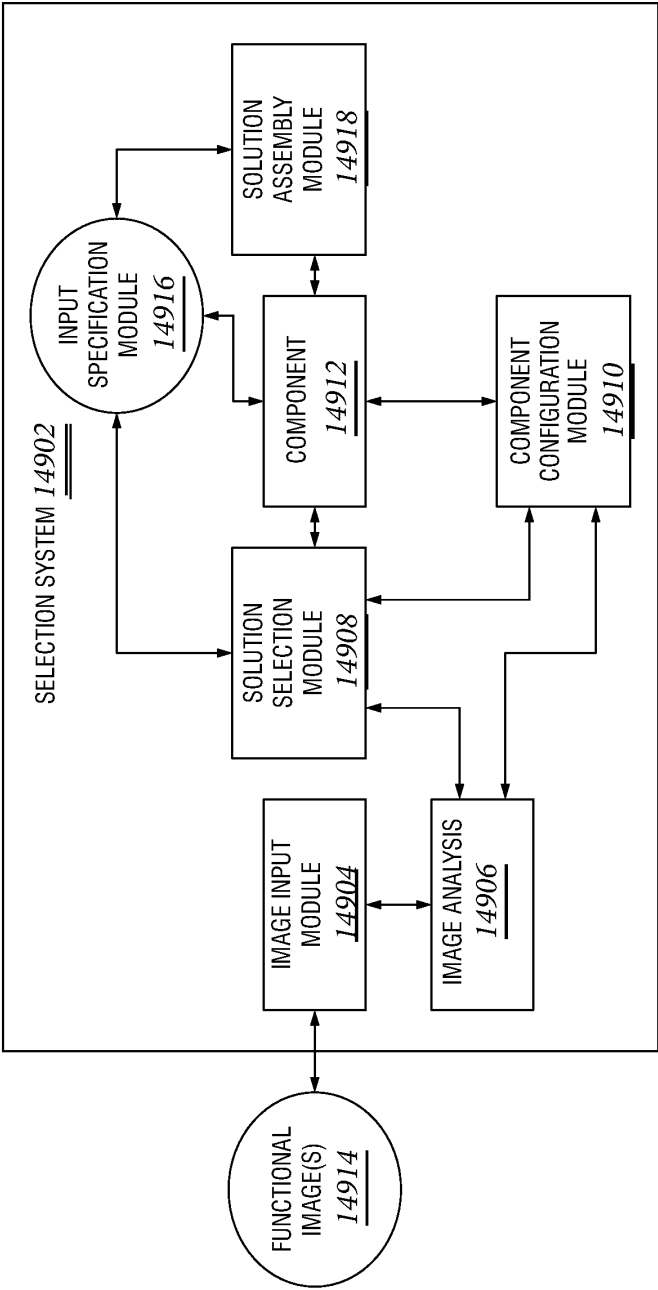


FIG. 149

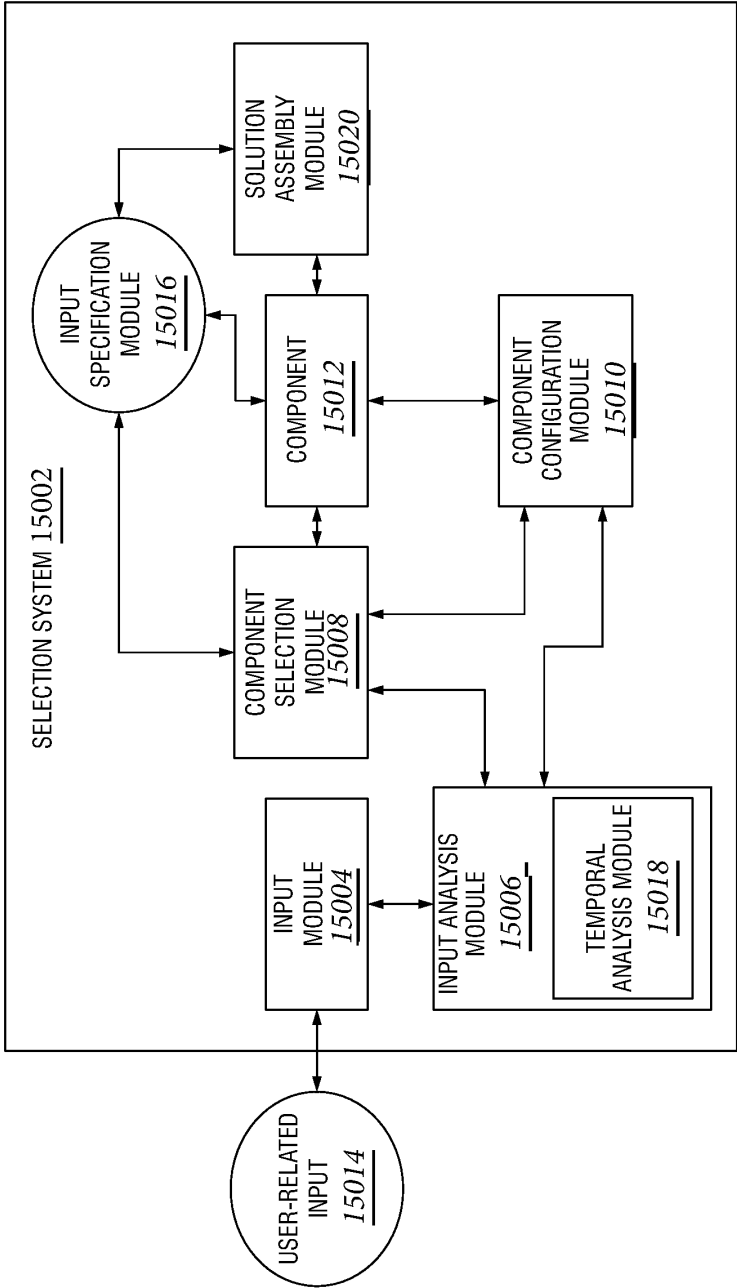


FIG. 150

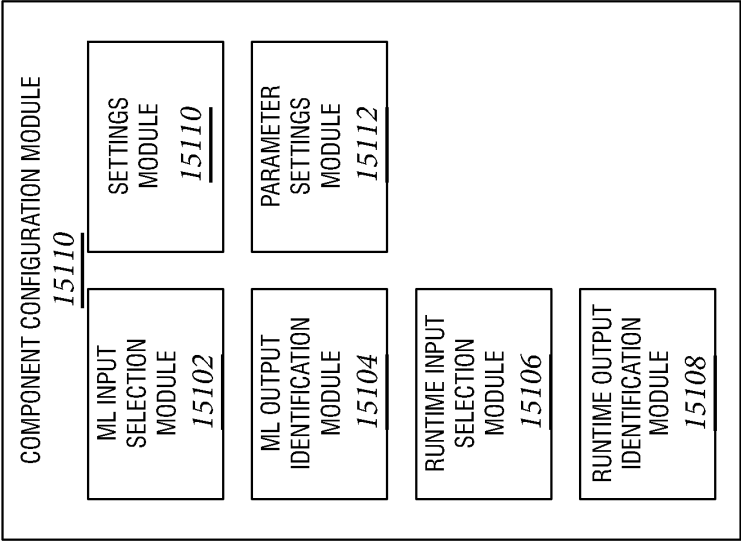


FIG. 151

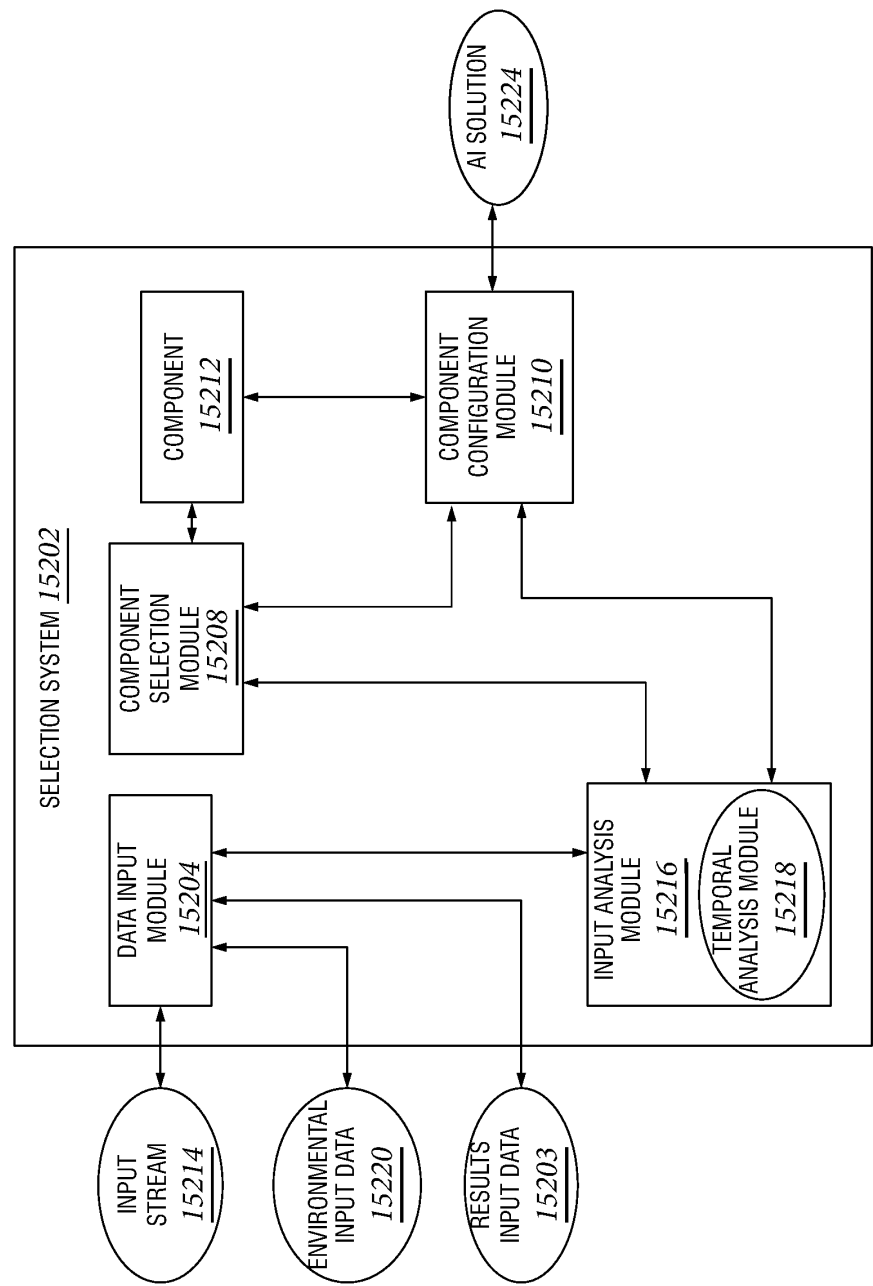


FIG. 152

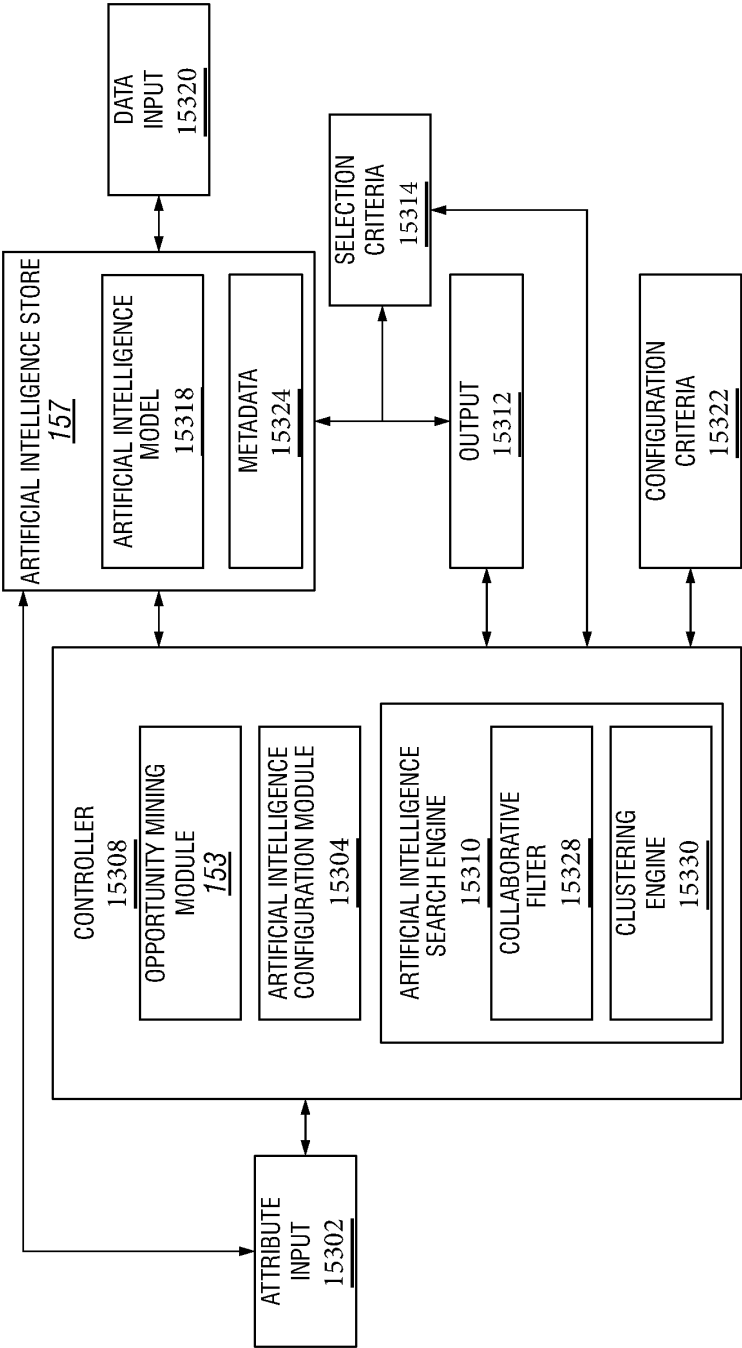


FIG. 153

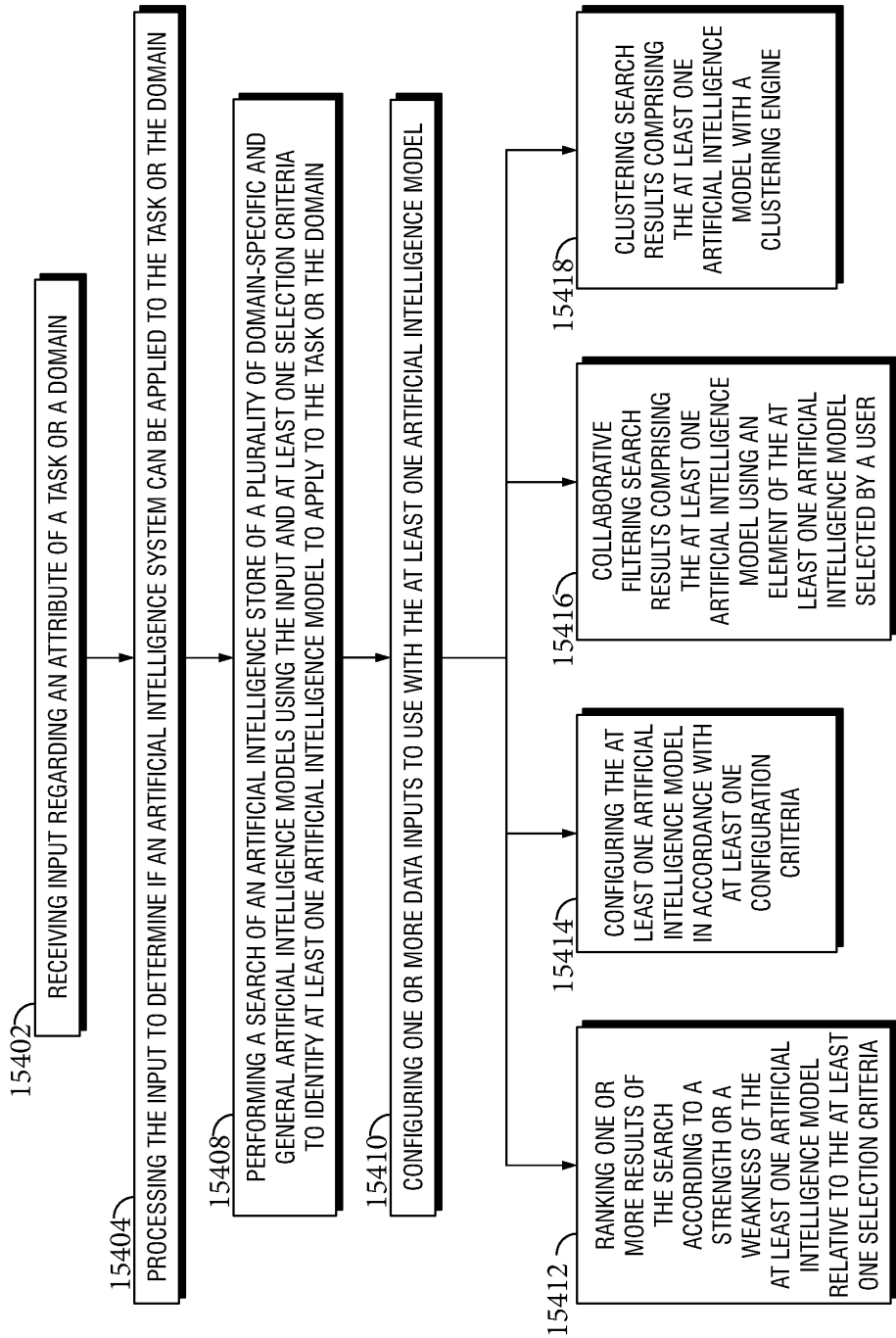
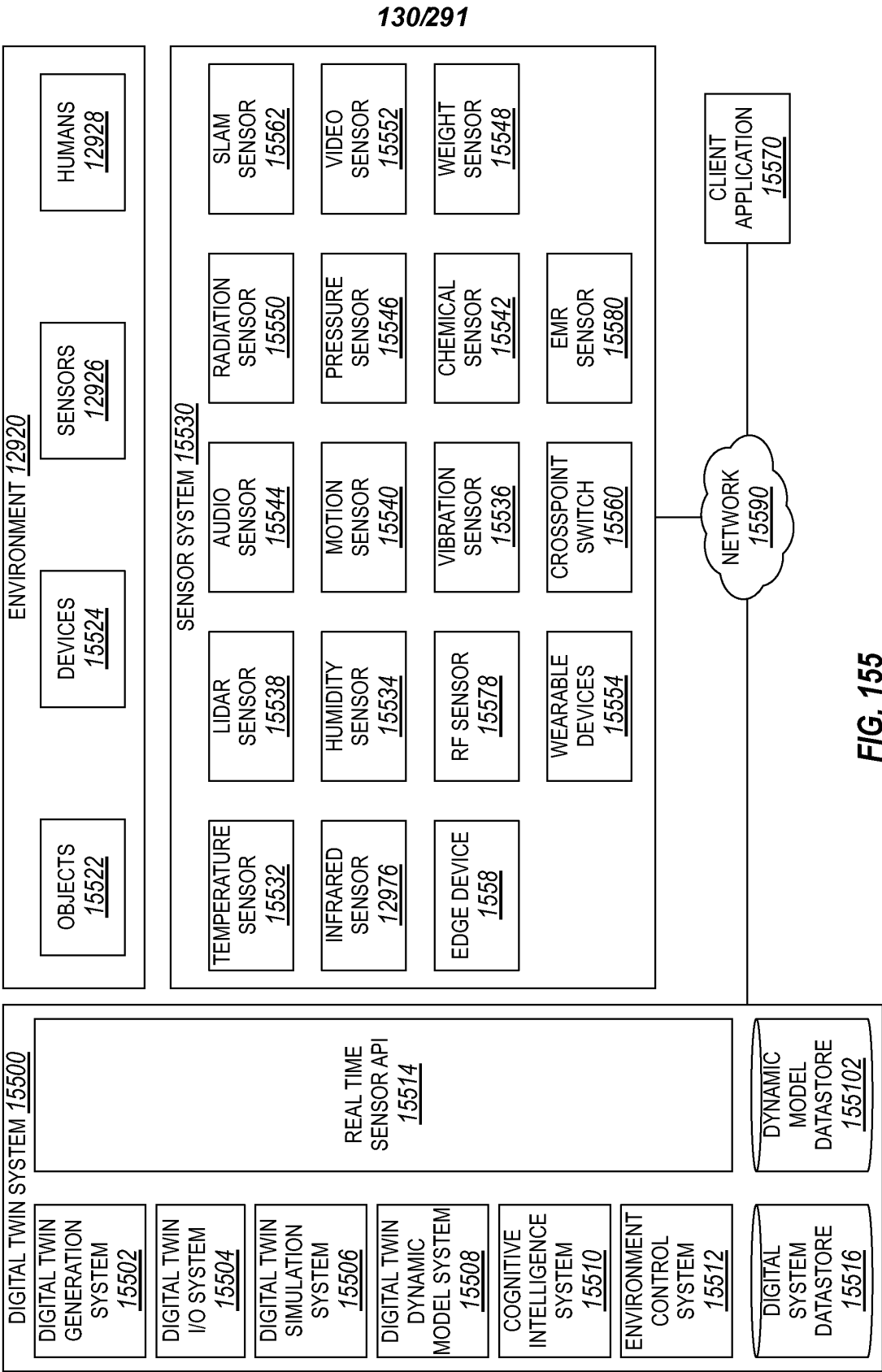


FIG. 154



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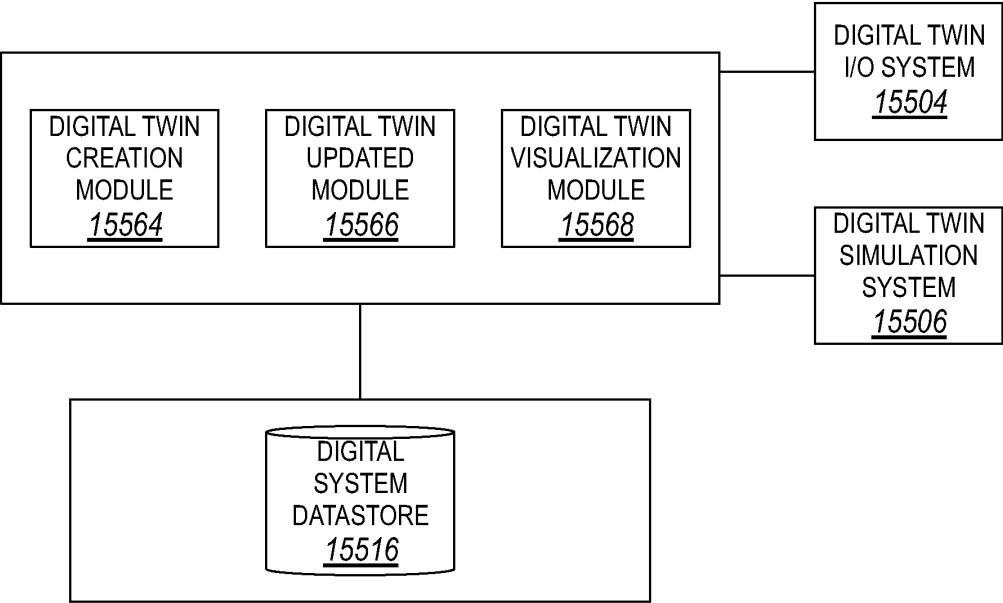


FIG. 156

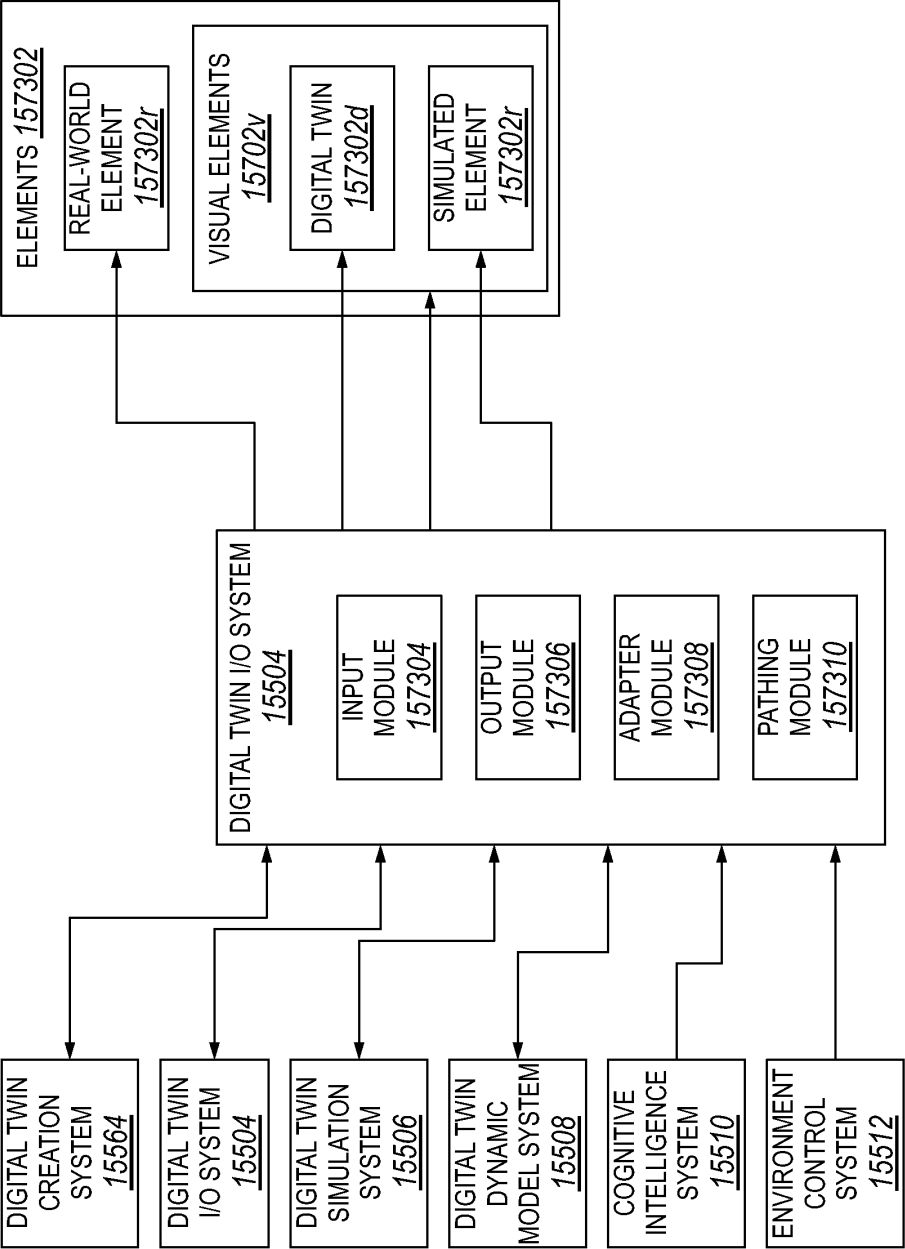


FIG. 157

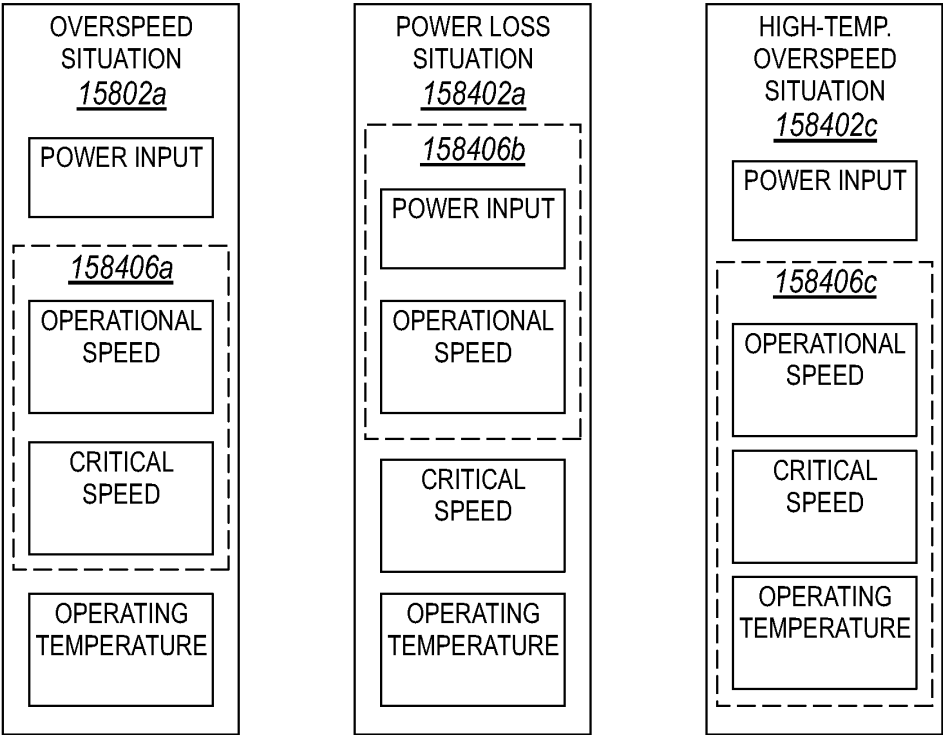
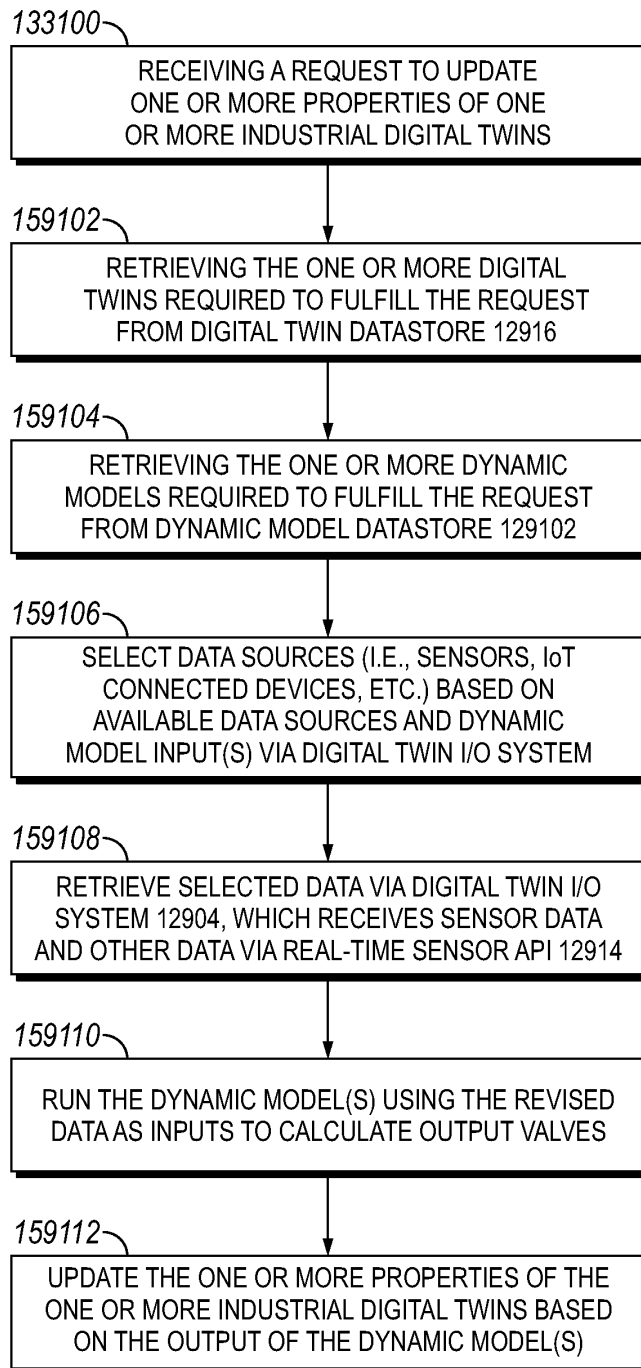


FIG. 158

134/291**FIG. 159**

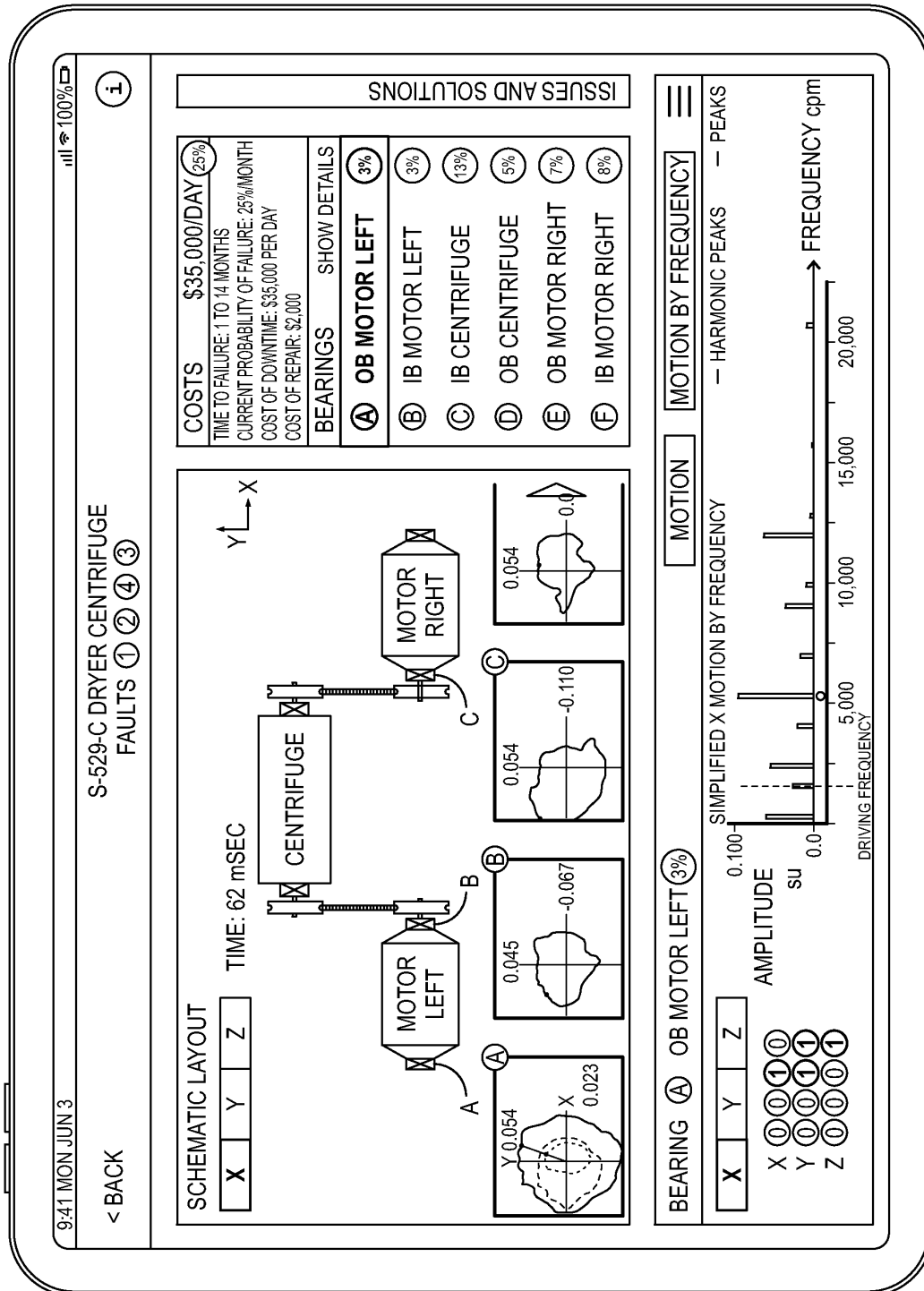
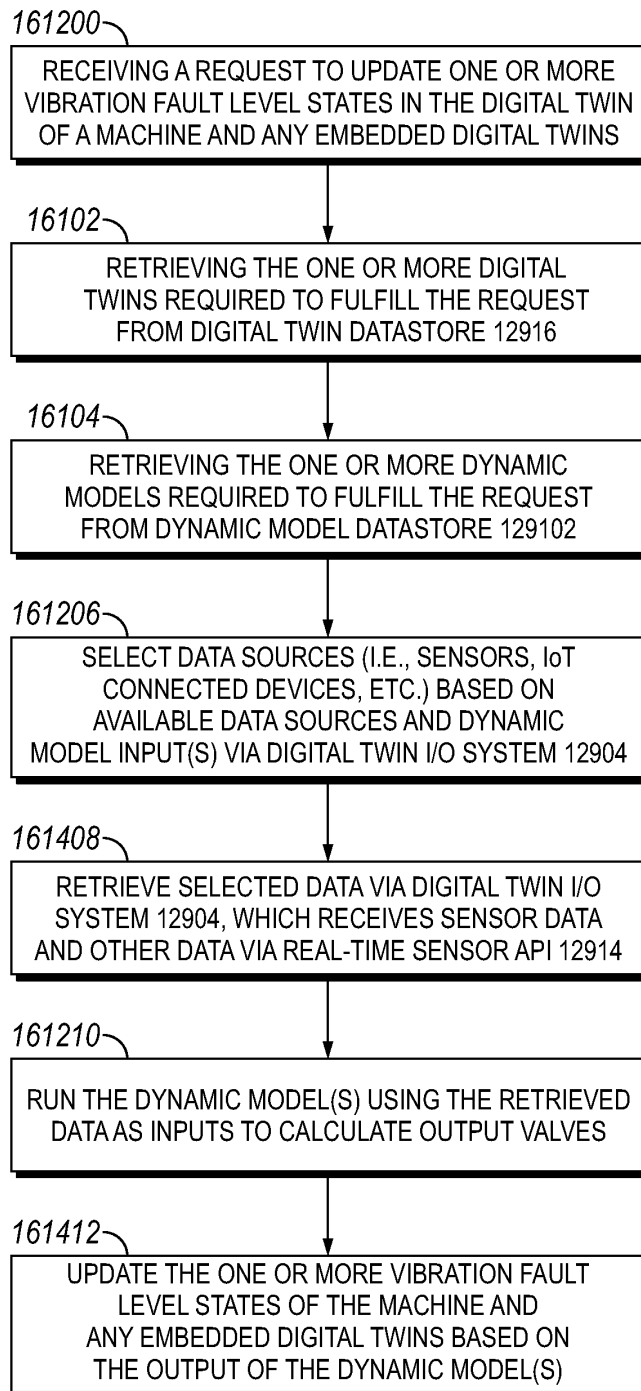
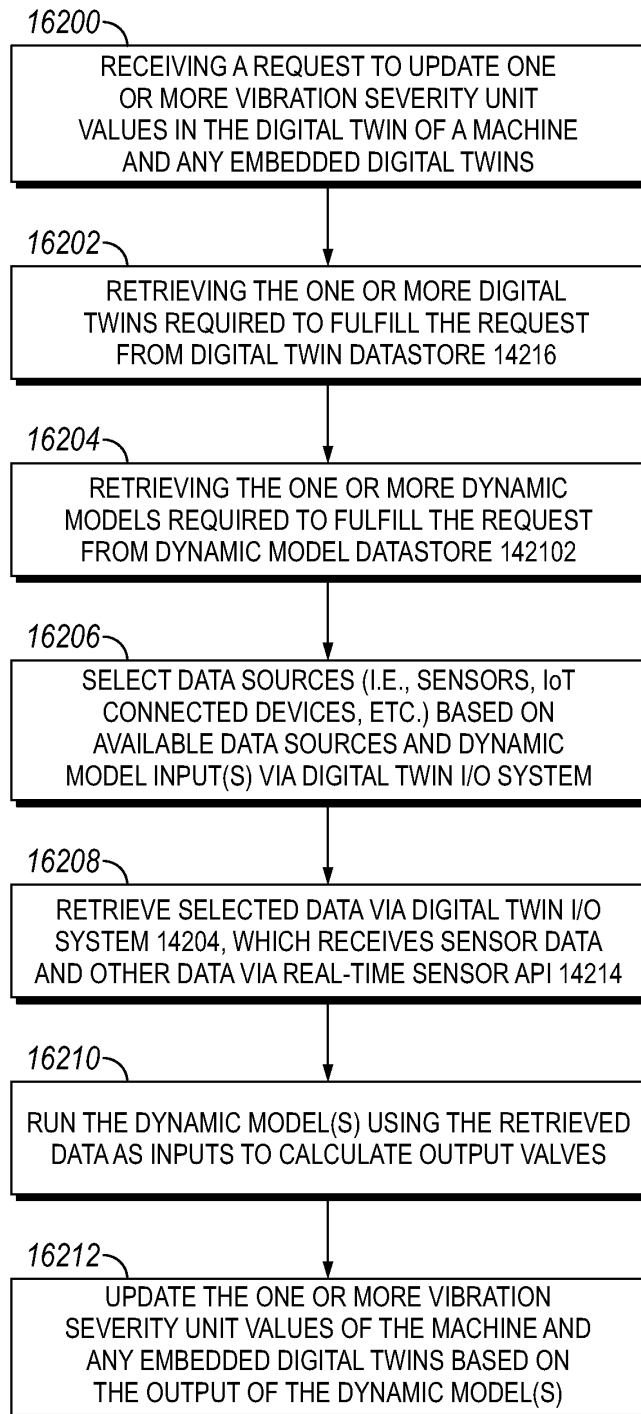
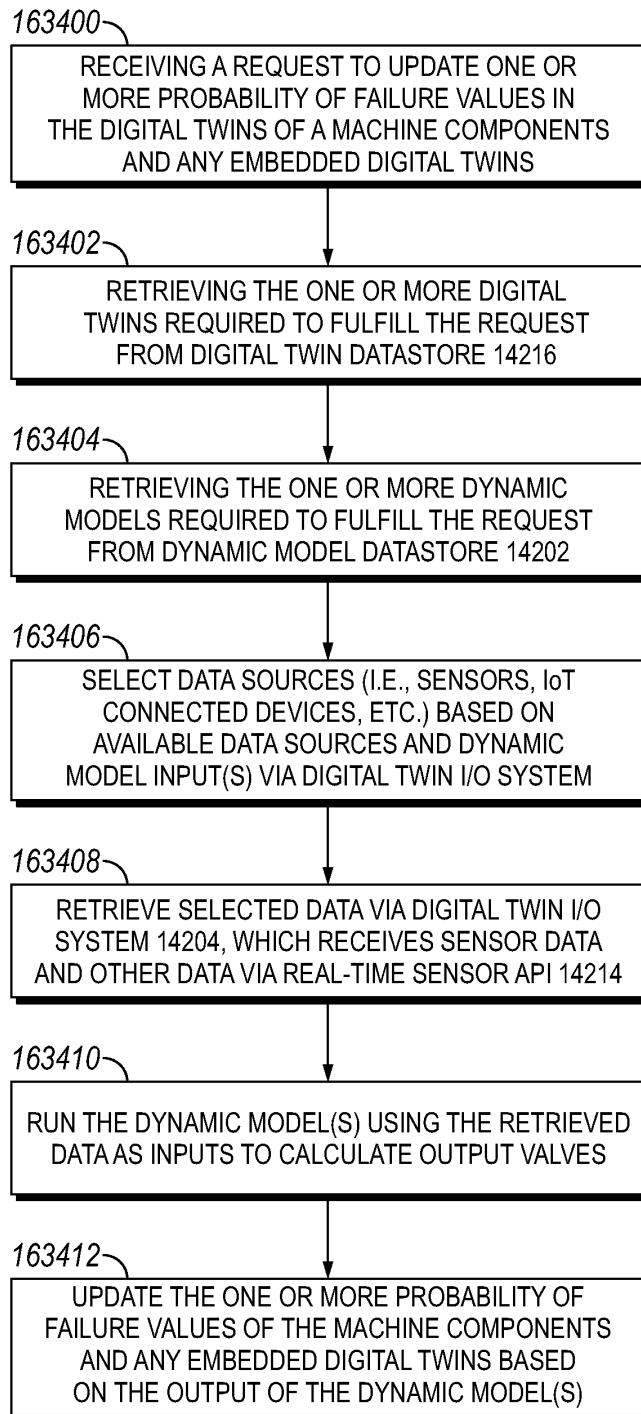
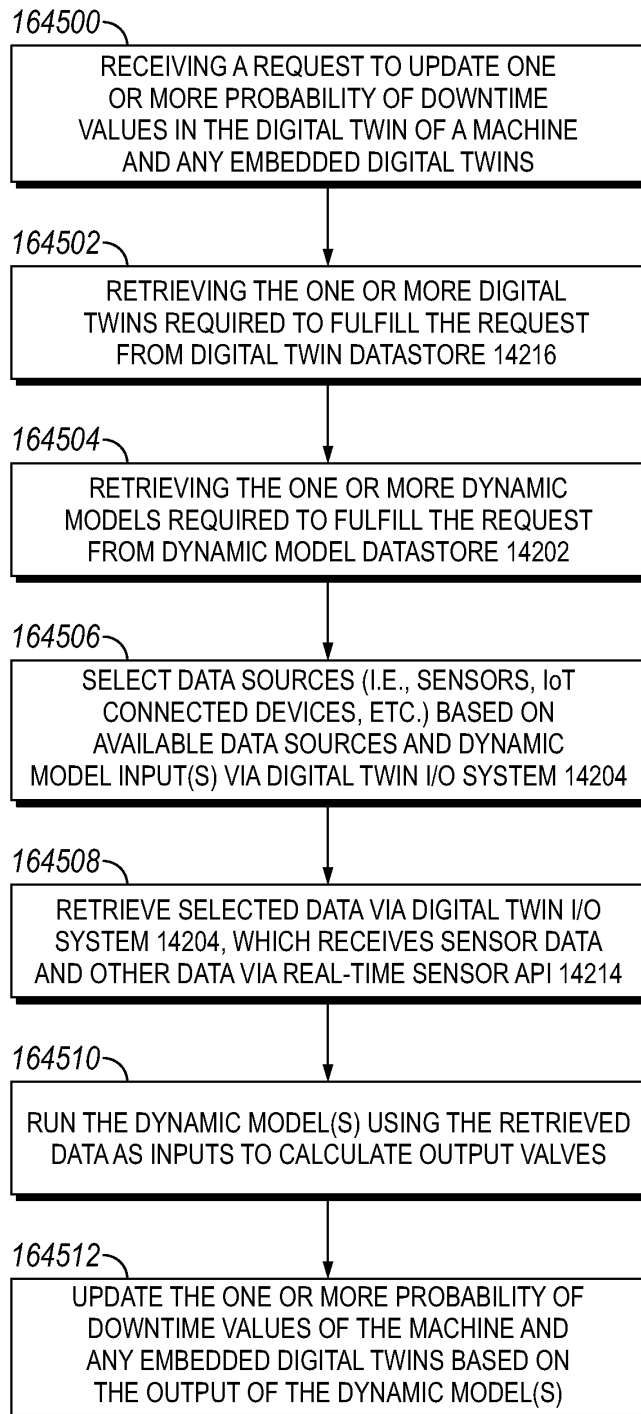


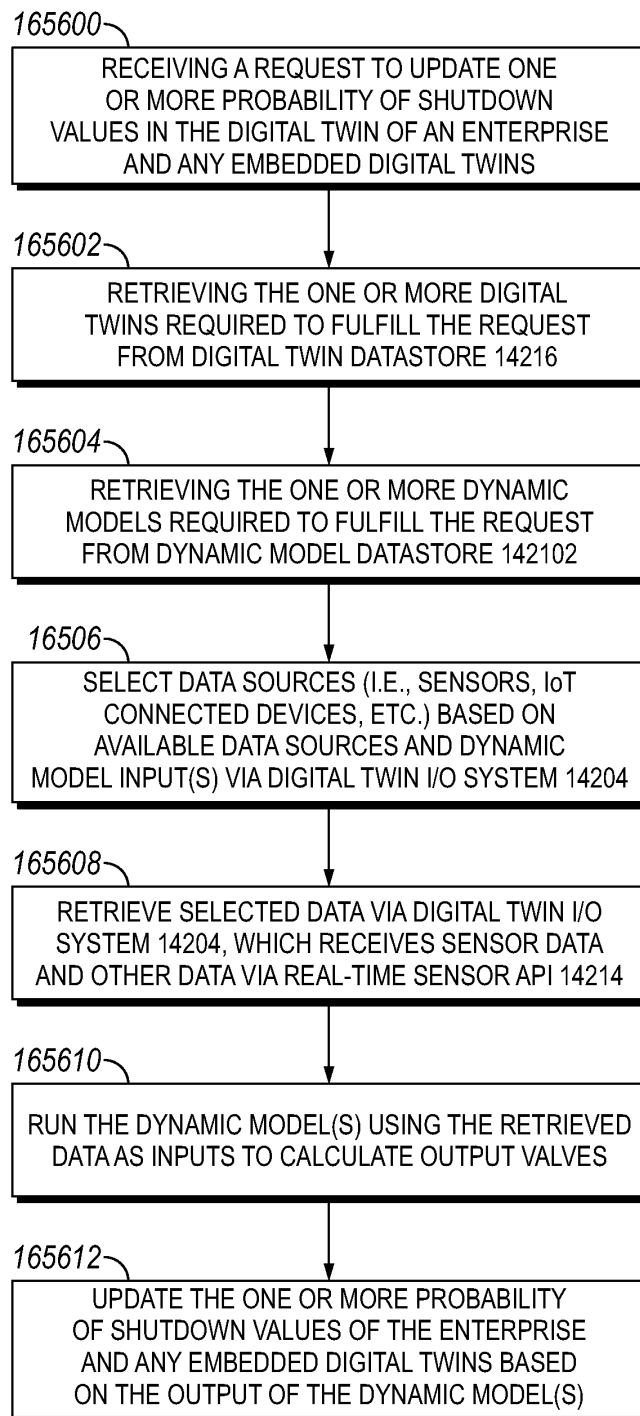
FIG. 160

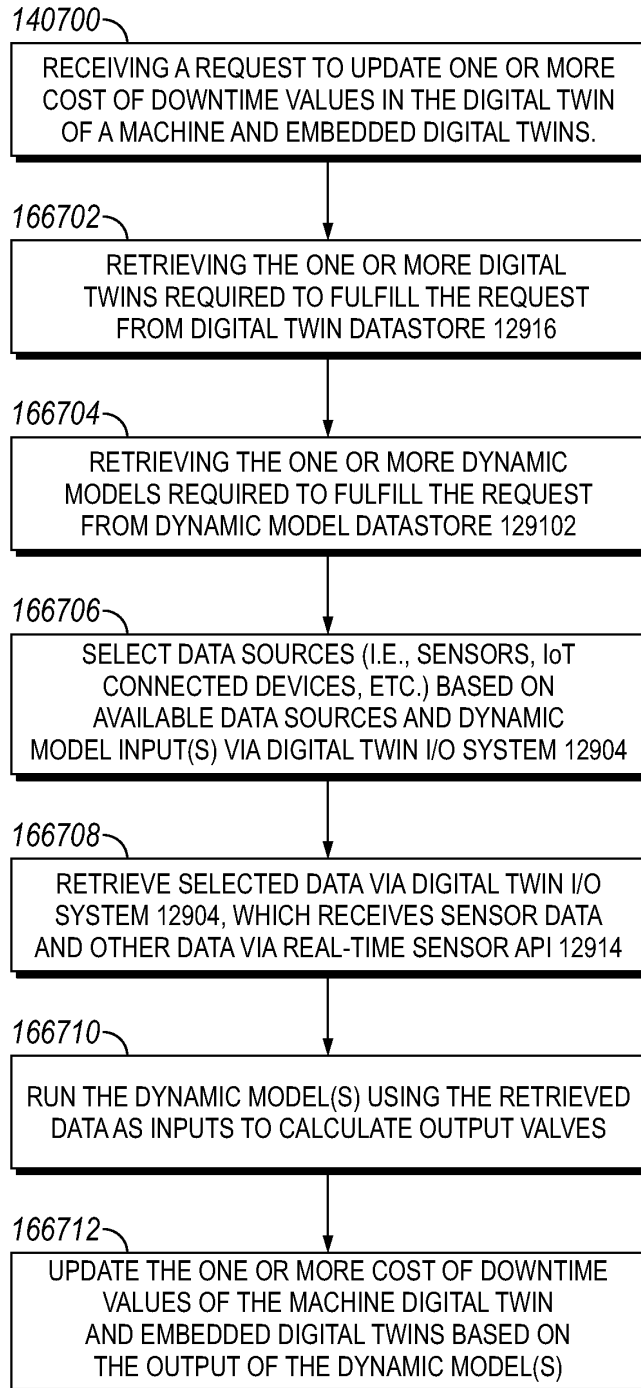
136/291**FIG. 161**

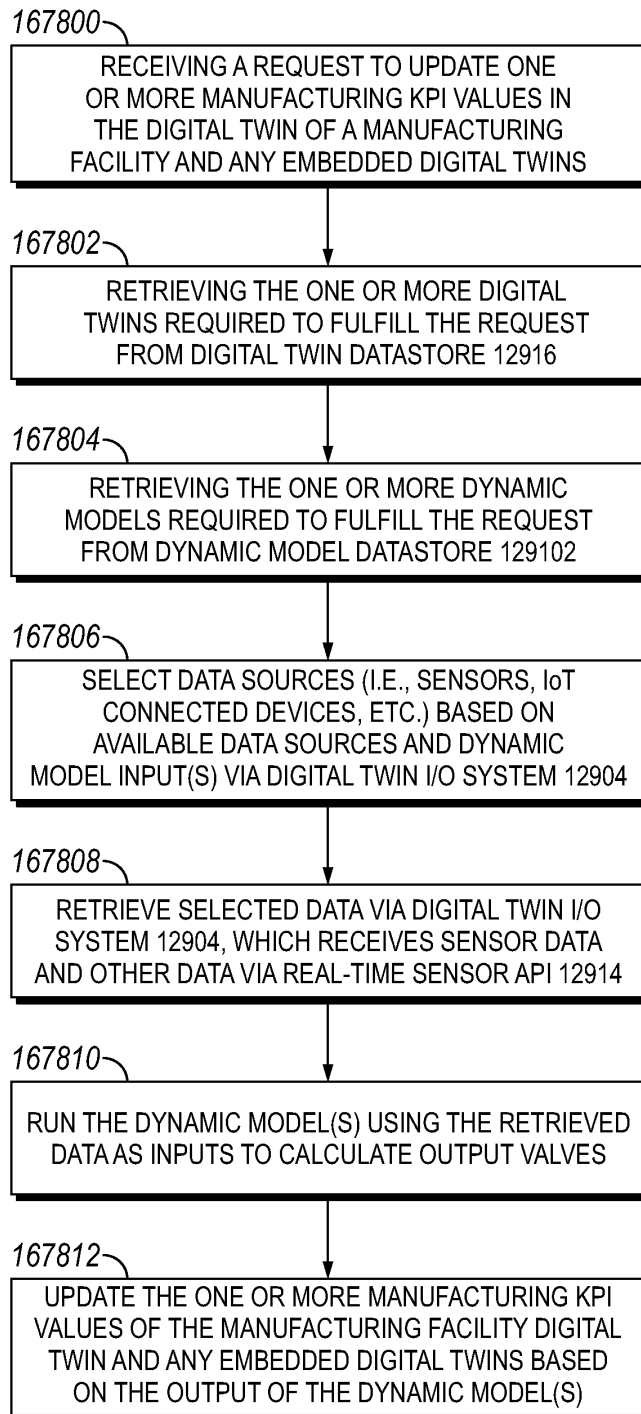
137/291**FIG. 162**

138/291**FIG. 163**

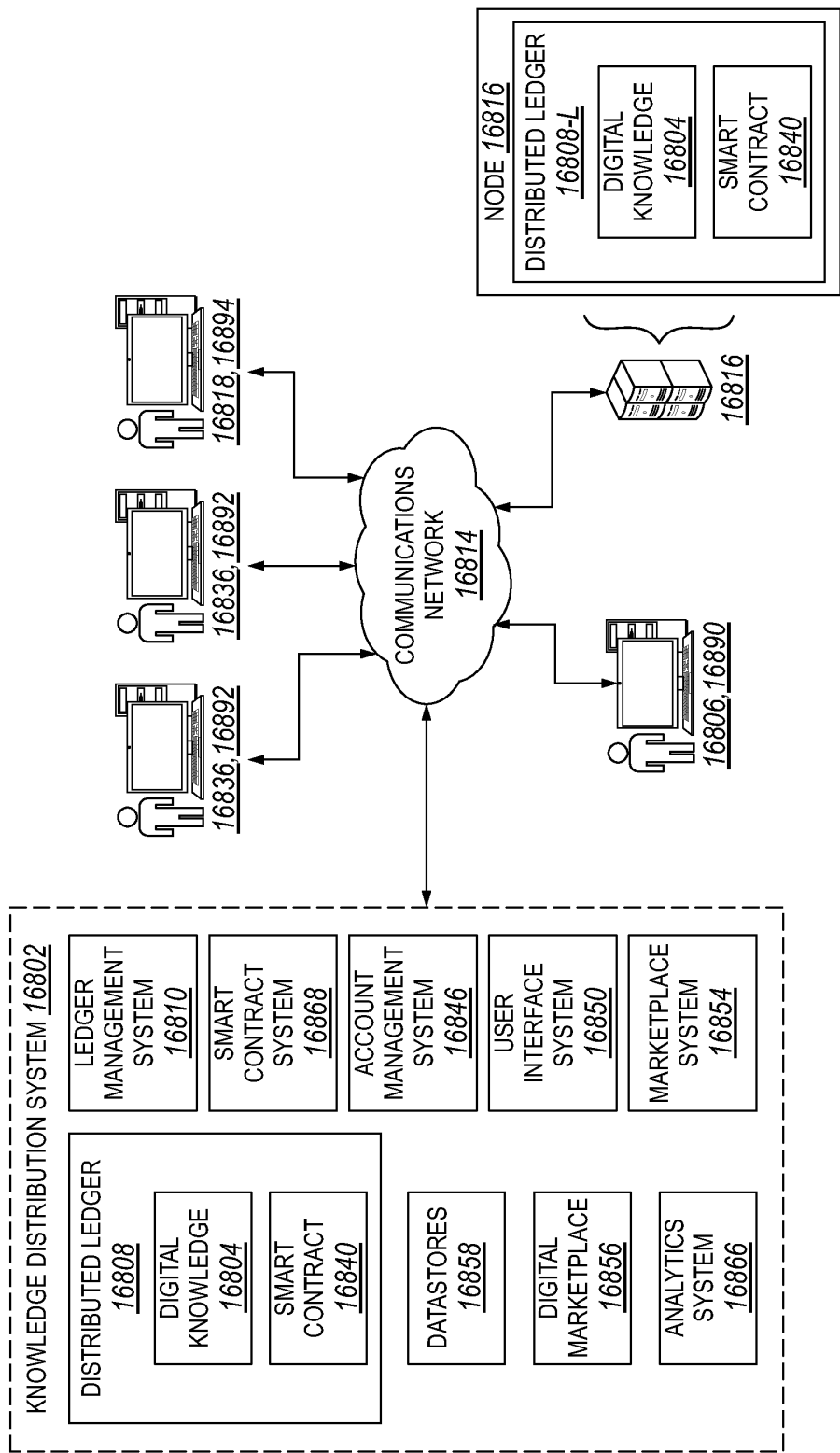
139/291**FIG. 164**

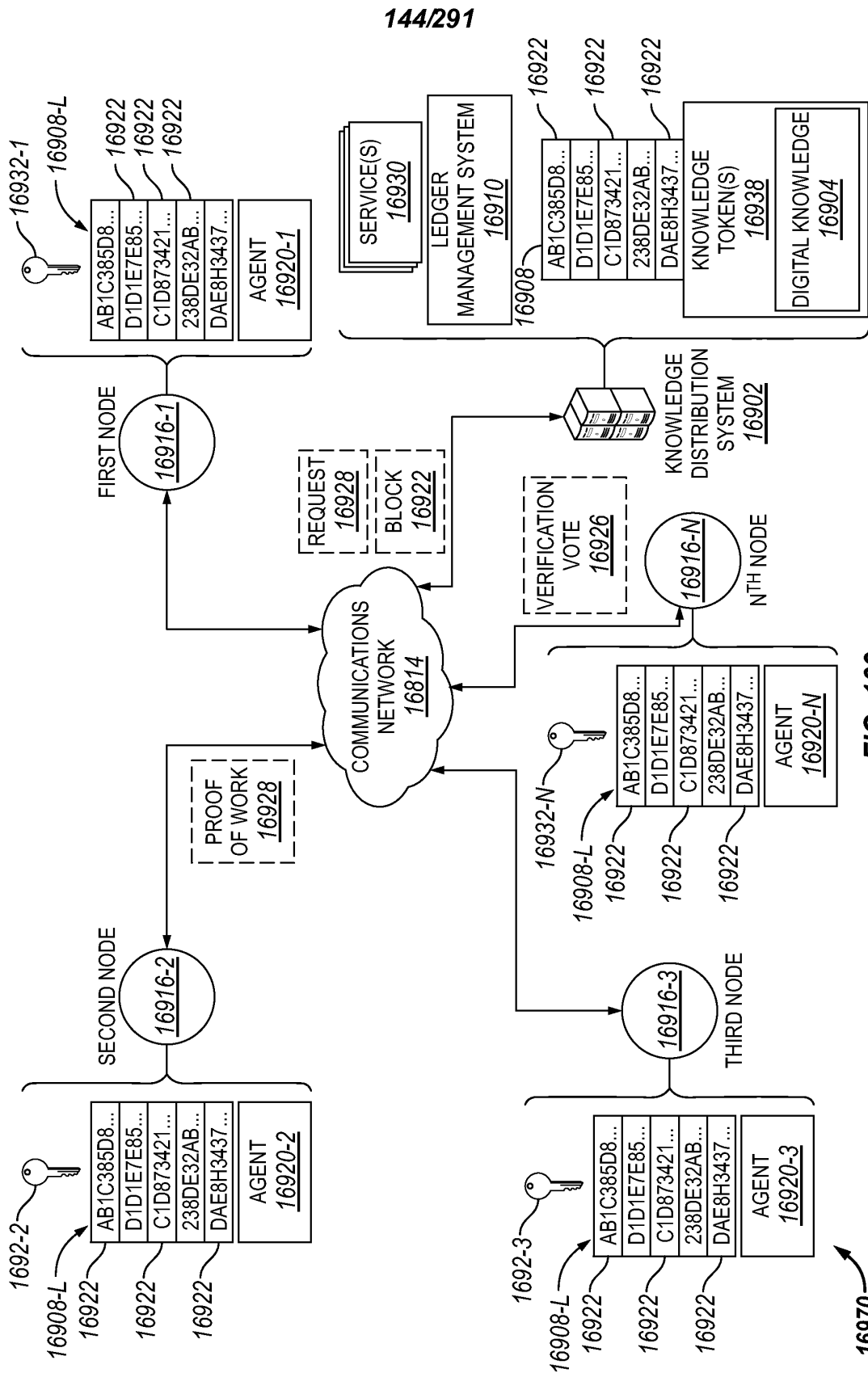
140/291**FIG. 165**

141/291**FIG. 166**

142/291**FIG. 167**

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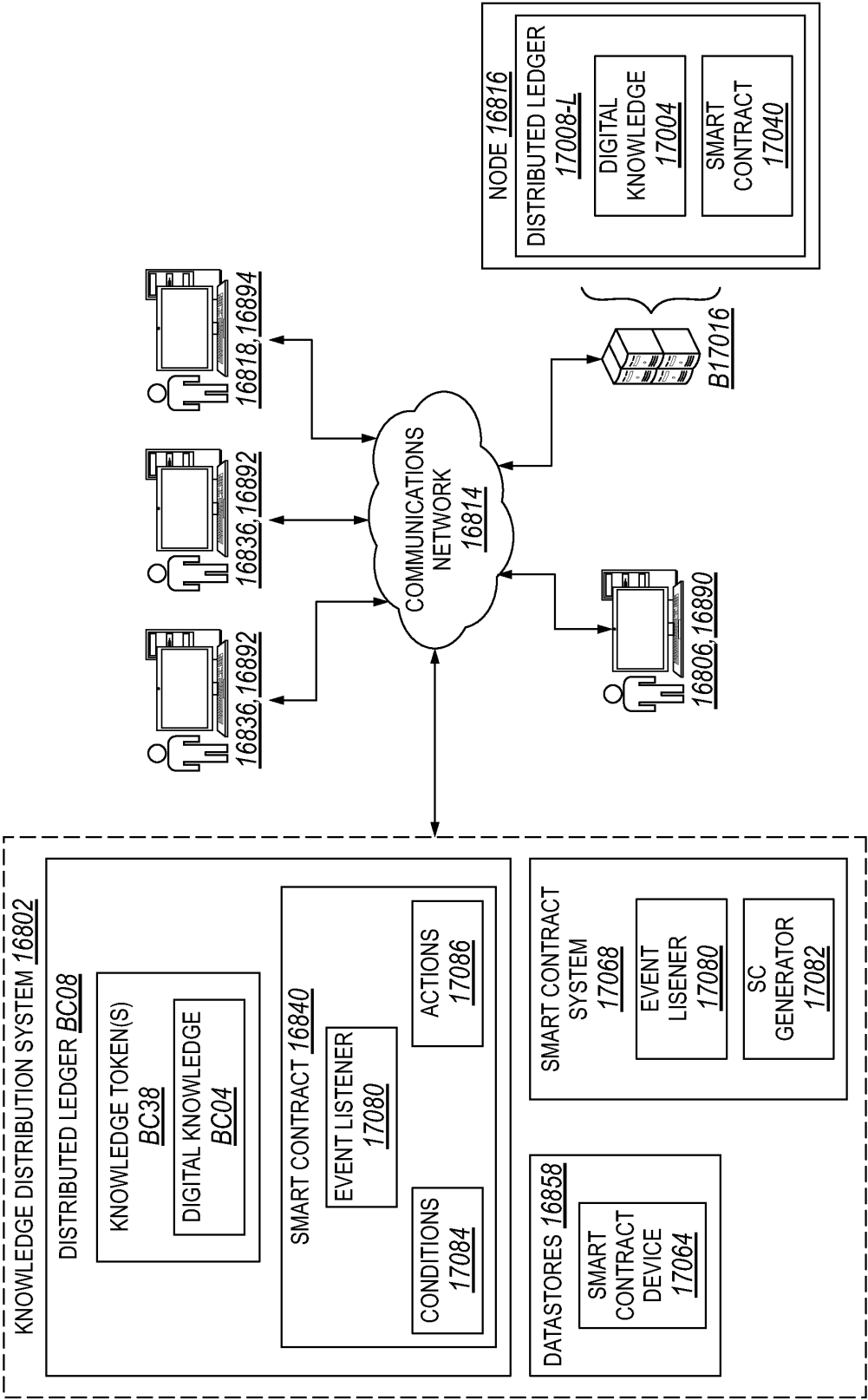


FIG. 170

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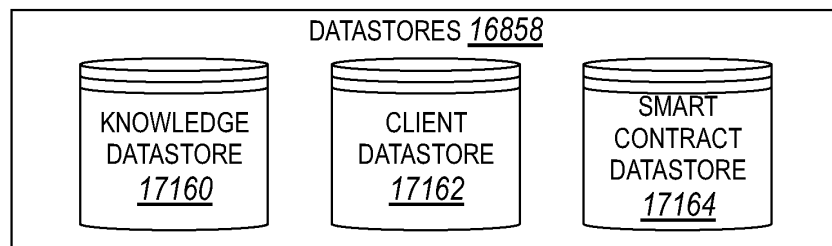
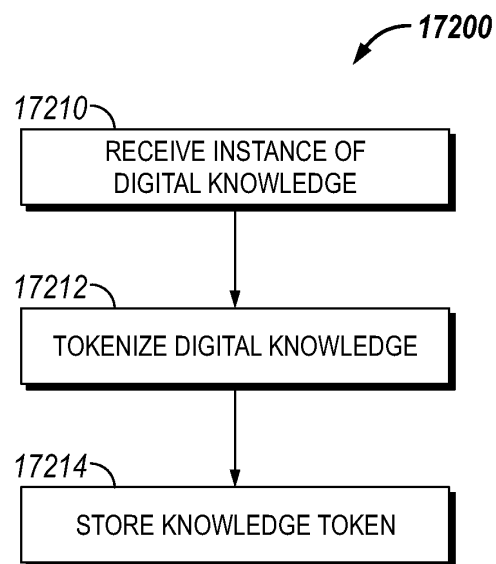
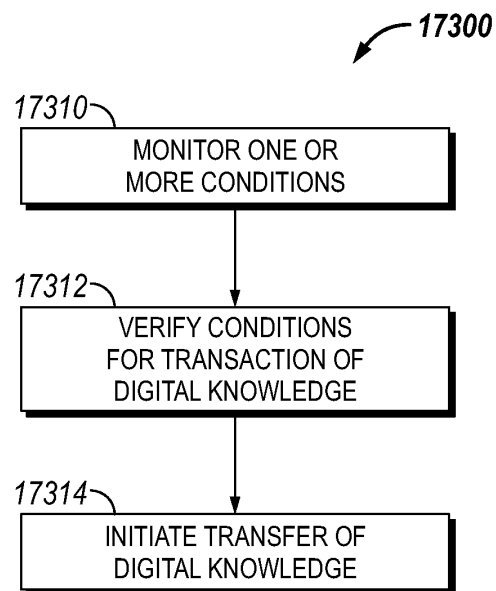


FIG. 171

147/291**FIG. 172**

148/291**FIG. 173**

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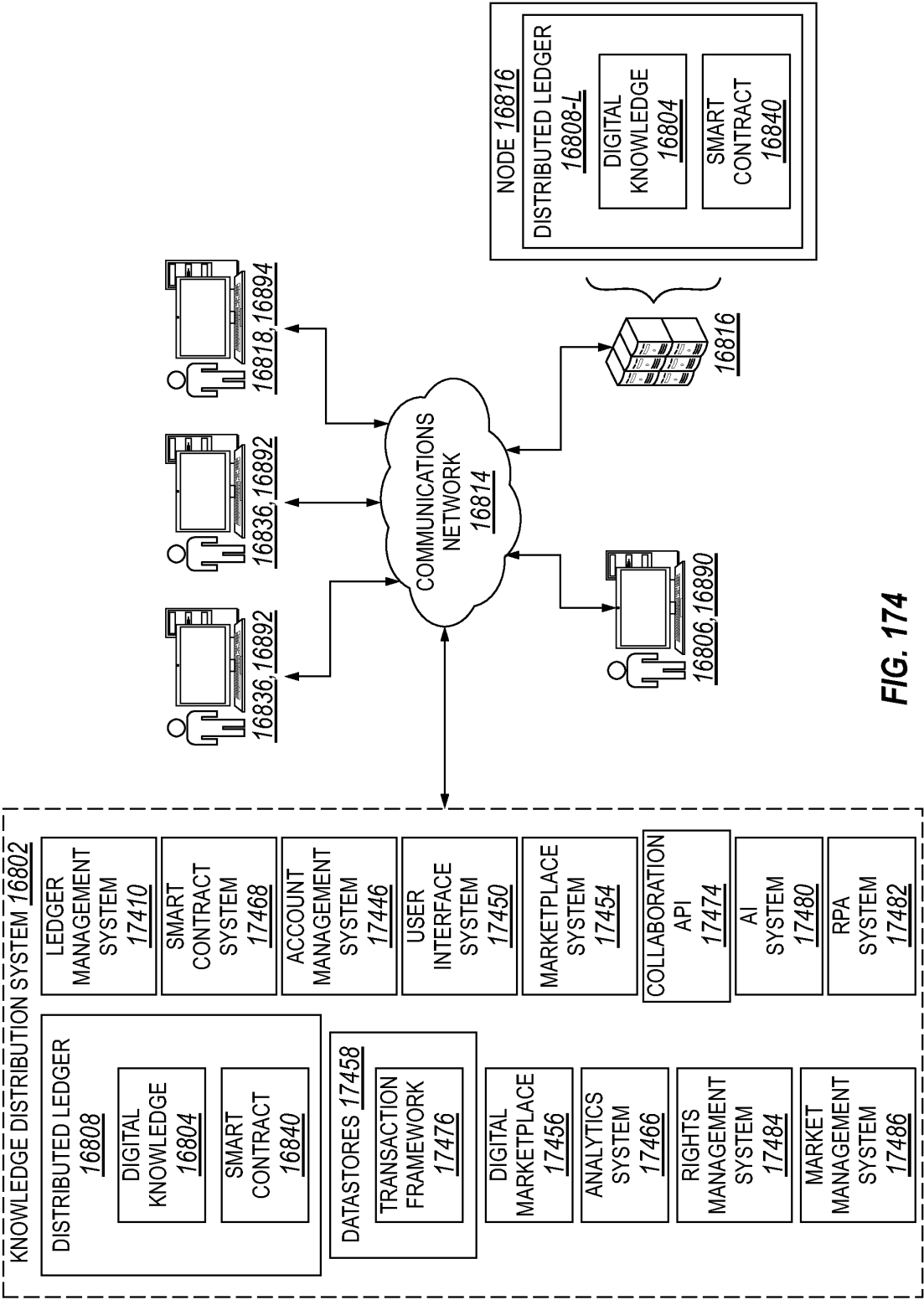


FIG. 174

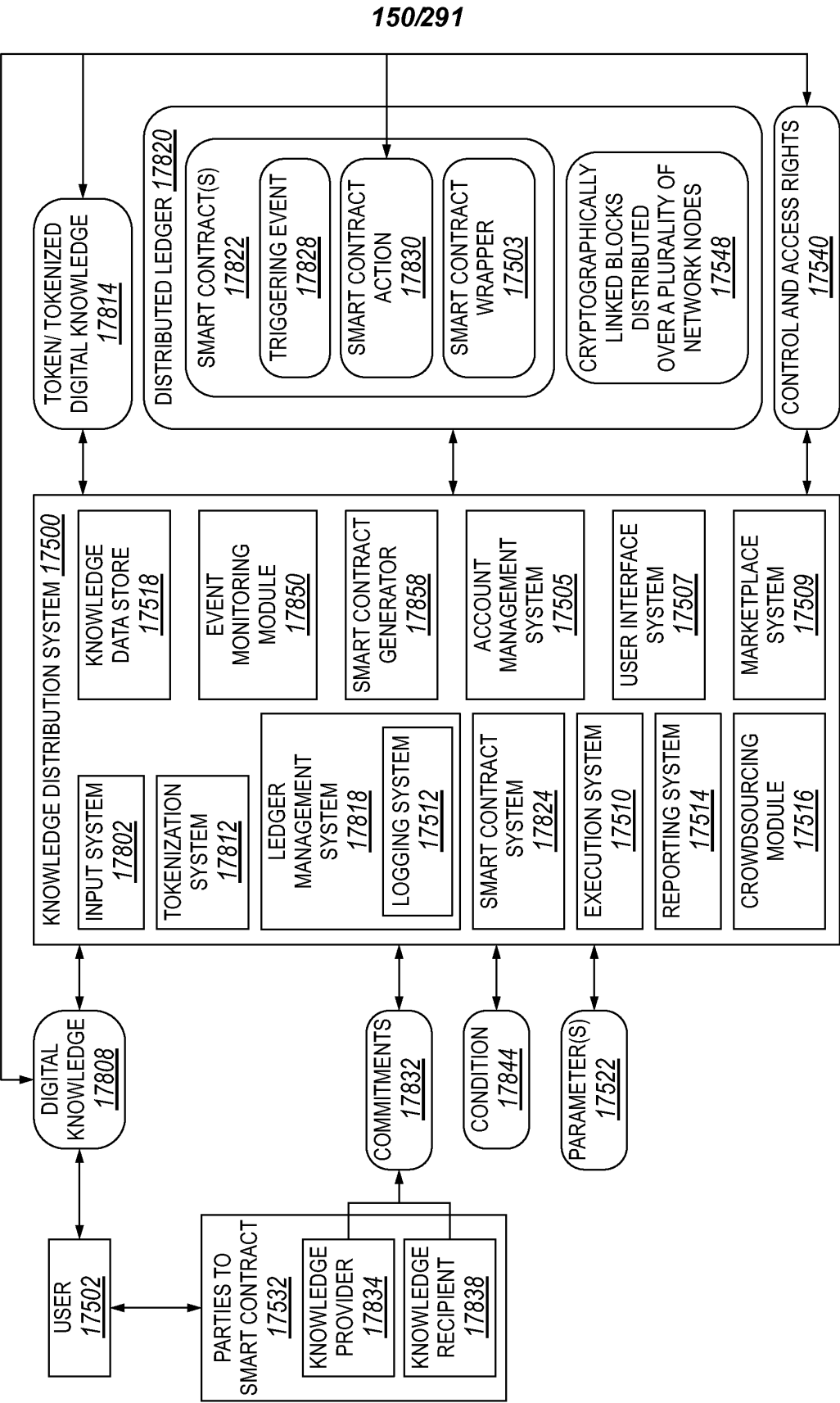
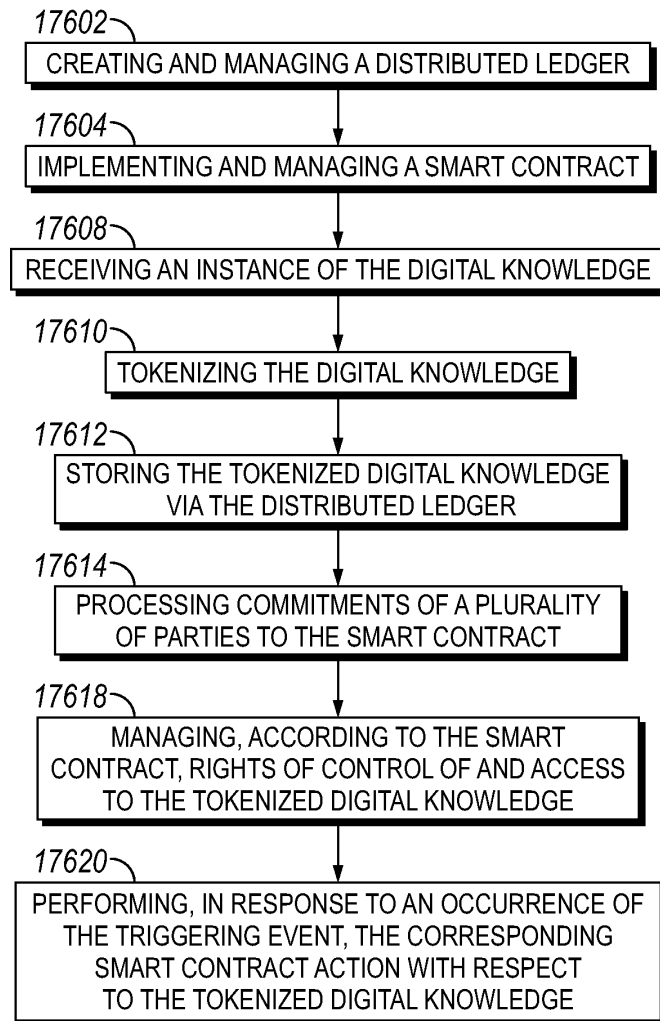
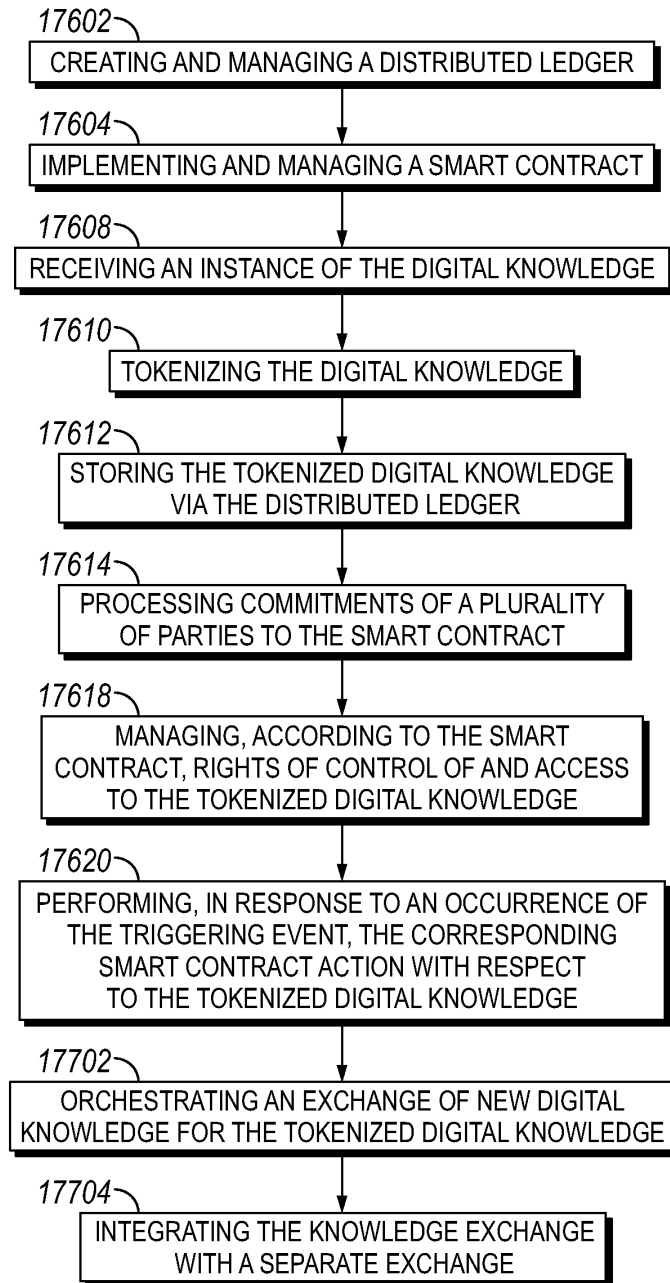
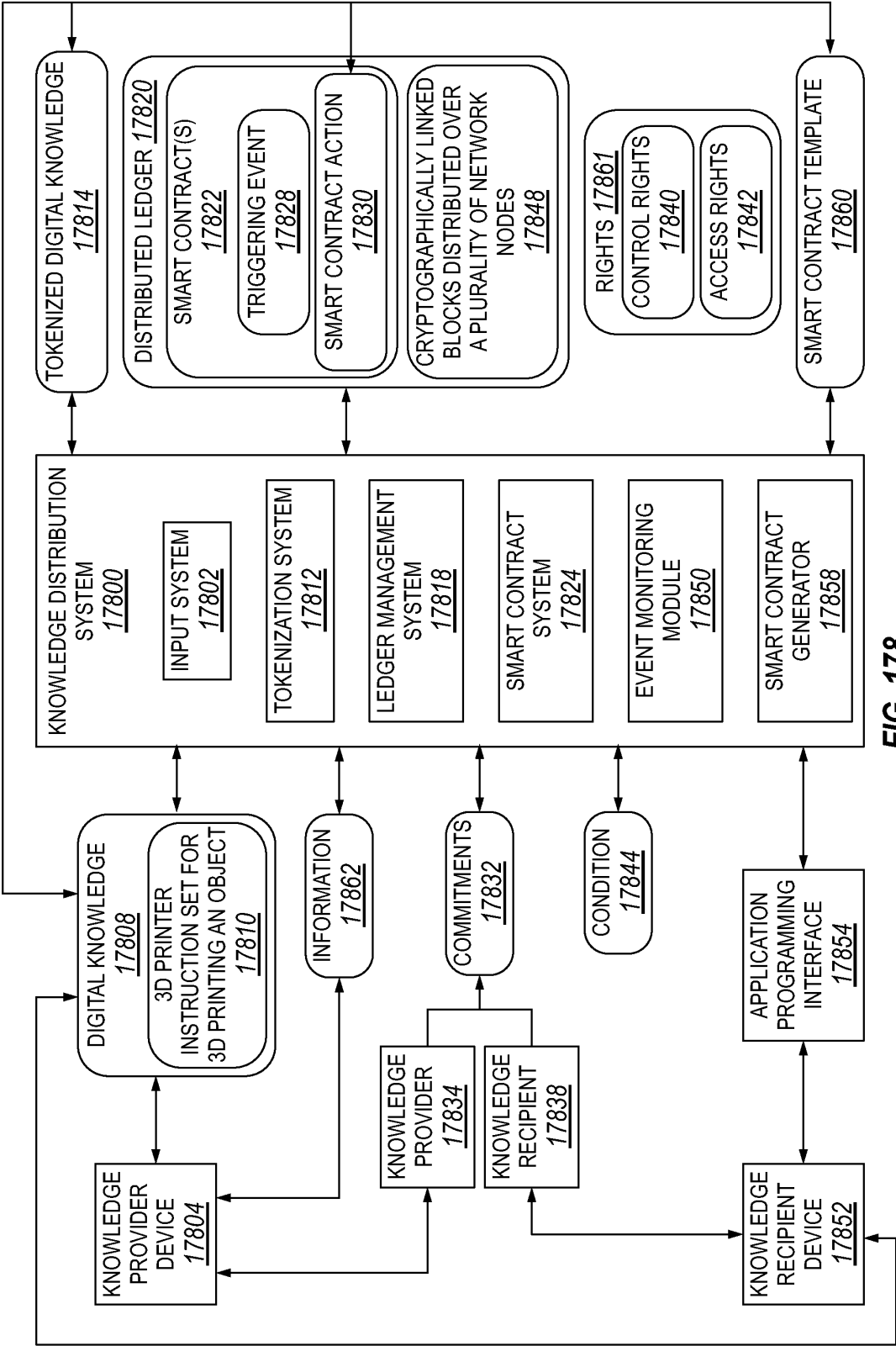


FIG. 175

151/291**FIG. 176**

152/291**FIG. 177**

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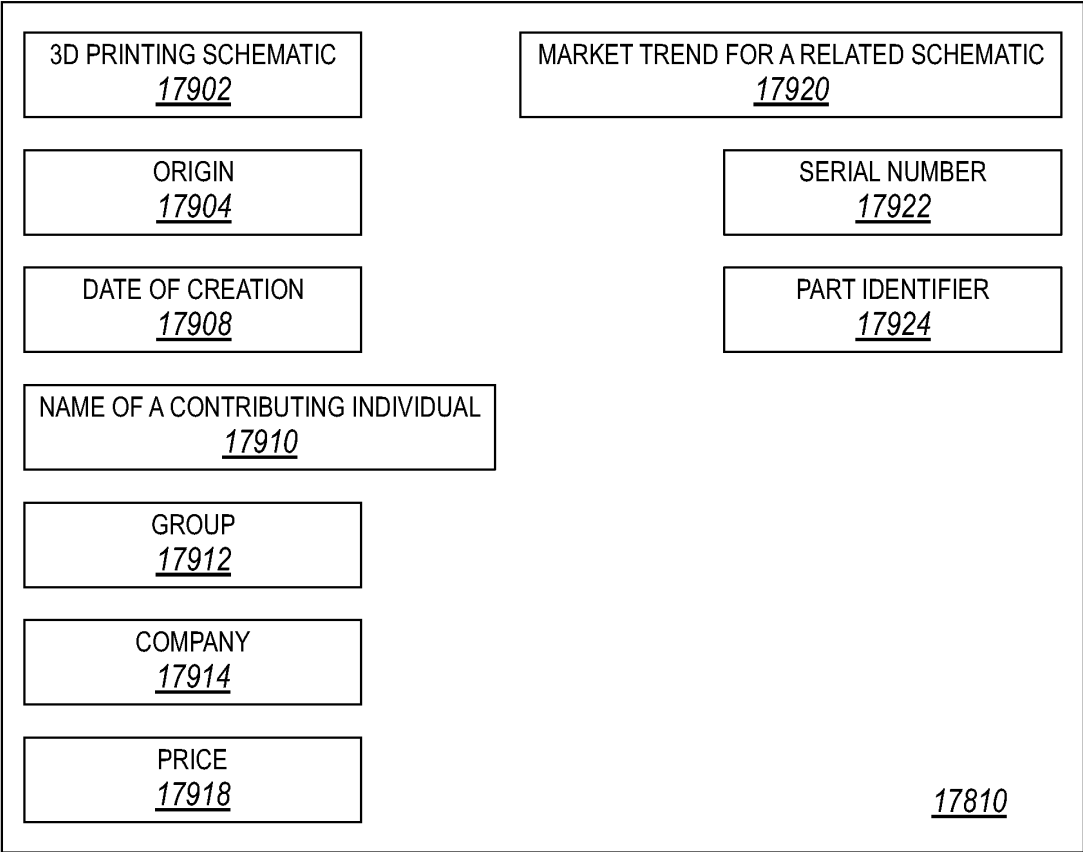
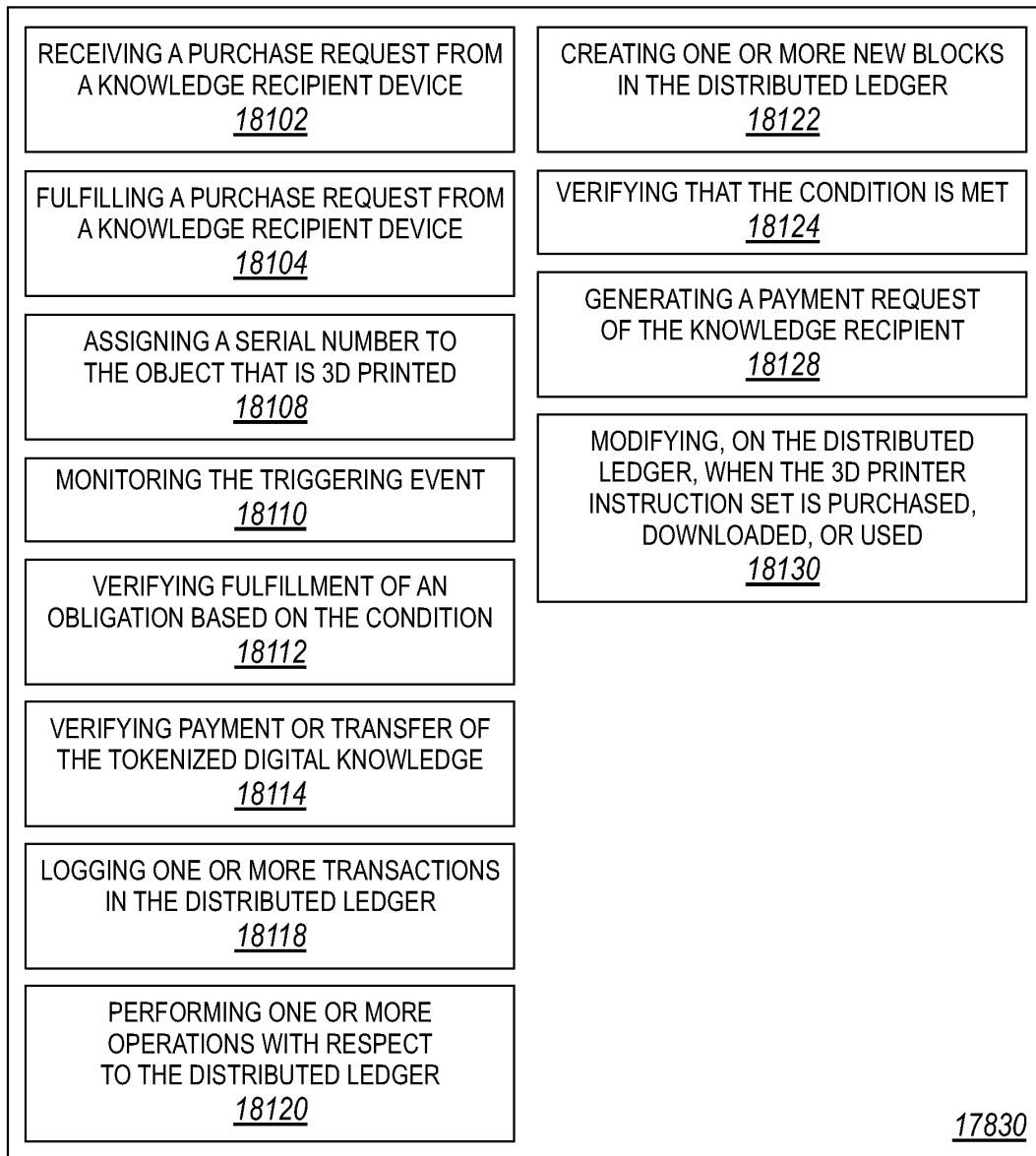


FIG. 179

EXECUTABLE ALGORITHMIC LOGIC <u>18002</u>	INSTRUCTION SET FOR A FOOD PREPARATION PROCESS <u>18022</u>
3D PRINTER INSTRUCTION SET <u>18004</u>	INSTRUCTION SET FOR A POLYMER PRODUCTION PROCESS <u>18024</u>
INSTRUCTION SET FOR A COATING PROCESS <u>18008</u>	INSTRUCTION SET FOR A CHEMICAL SYNTHESIS PROCESS <u>18028</u>
INSTRUCTION SET FOR A SEMICONDUCTOR FABRICATION PROCESS <u>18010</u>	INSTRUCTION SET FOR A BIOLOGICAL PRODUCTION PROCESS <u>18030</u>
FIRMWARE PROGRAM <u>18012</u>	DATA SET FOR A DIGITAL TWIN <u>18032</u>
INSTRUCTION SET FOR A FIELD- PROGRAMMABLE GATE ARRAY <u>18014</u>	INSTRUCTION SET TO PERFORM A TRADE SECRET <u>18034</u>
SERVERLESS CODE LOGIC <u>18018</u>	INTELLECTUAL PROPERTY <u>18038</u>
INSTRUCTION SET FOR A CRYSTAL FABRICATION SYSTEM <u>18020</u>	INSTRUCTION SET <u>18040</u>
INSTRUCTION SUBSET <u>18042</u>	<u>17814</u>

FIG. 180

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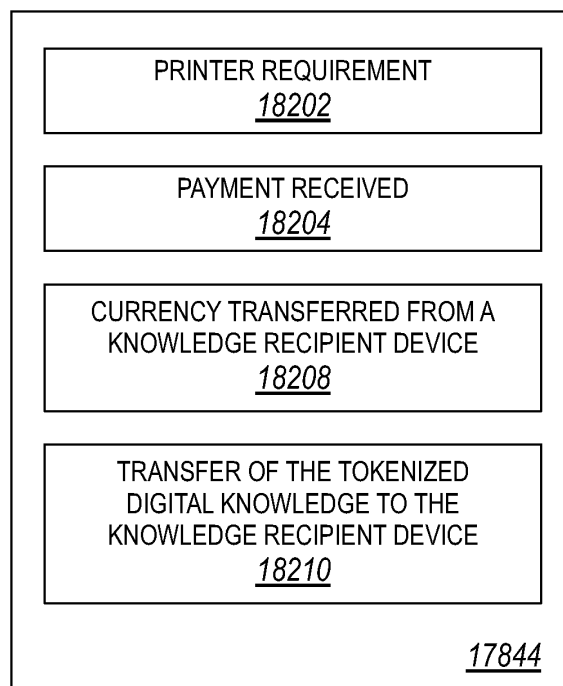


FIG. 182

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PERMISSION FOR A USER TO 3D PRINT USING MULTIPLE INSTANCES OF THE 3D PRINTER INSTRUCTION SET <u>18302</u>	DISCLAIMER <u>18314</u>
A 3D PRINTER REQUIREMENT <u>18304</u>	INDEMNIFICATION <u>18318</u>
TIME PERIOD DURING WHICH THE OBJECT CAN BE 3D PRINTED <u>18308</u>	CERTIFICATION WITH RESPECT TO THE OBJECT <u>18320</u>
WHETHER THE TOKENIZED DIGITAL KNOWLEDGE IS TRANSFERRED TO A DOWNSTREAM KNOWLEDGE RECIPIENT <u>18310</u>	
WARRANTY <u>18312</u>	RIGHT(S) <u>17861</u>

FIG. 183

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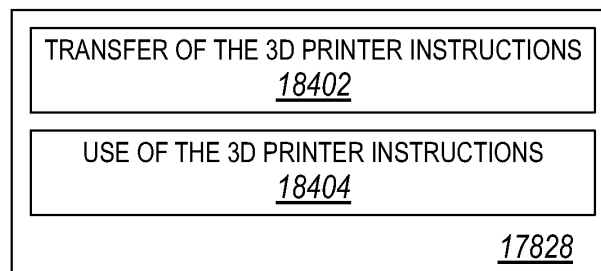
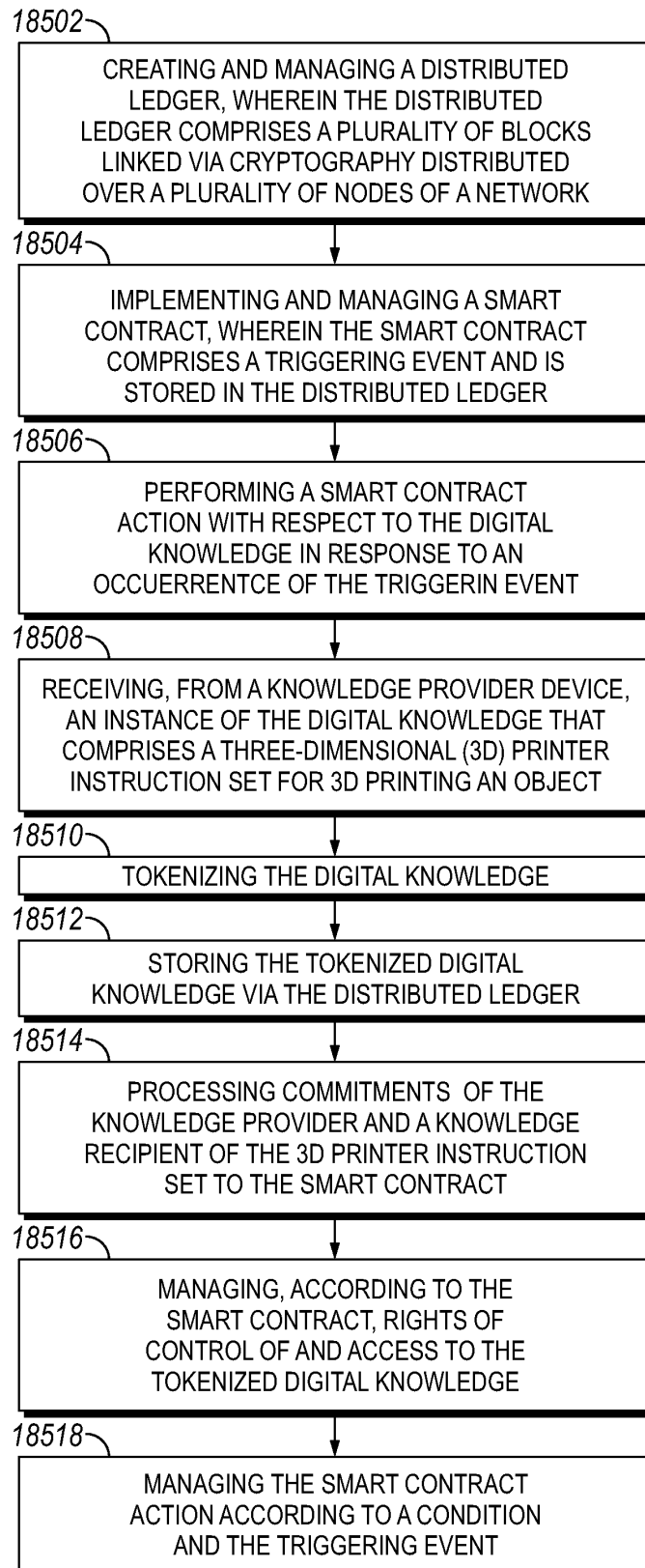
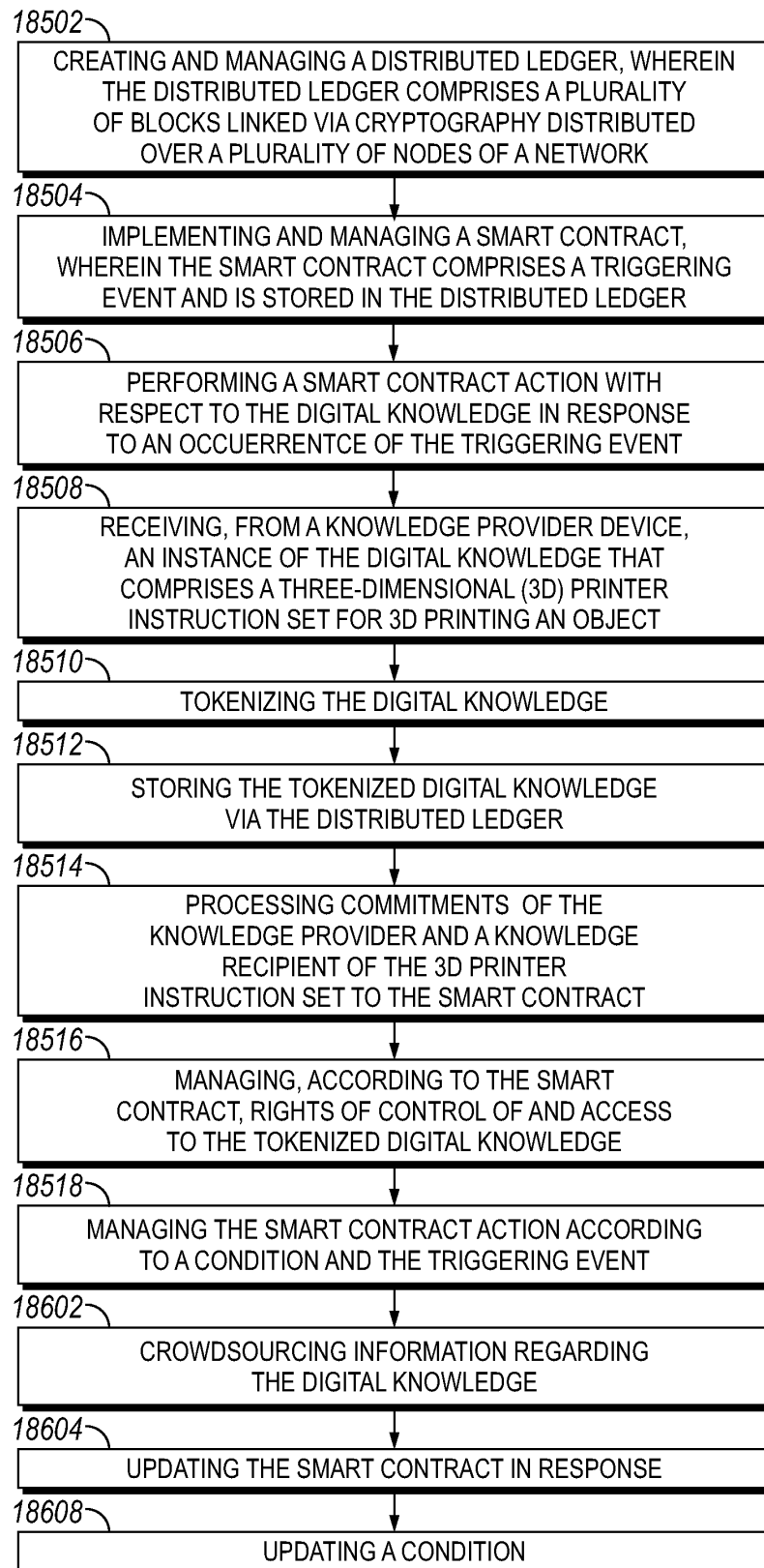


FIG. 184

160/291**FIG. 185**

161/291**FIG. 186**

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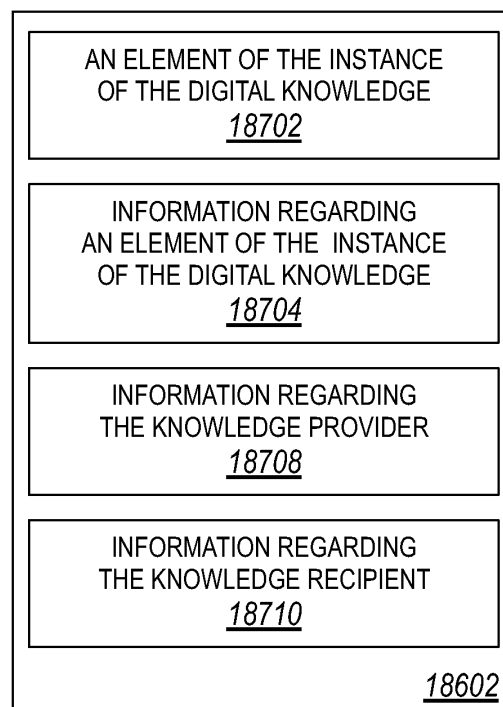
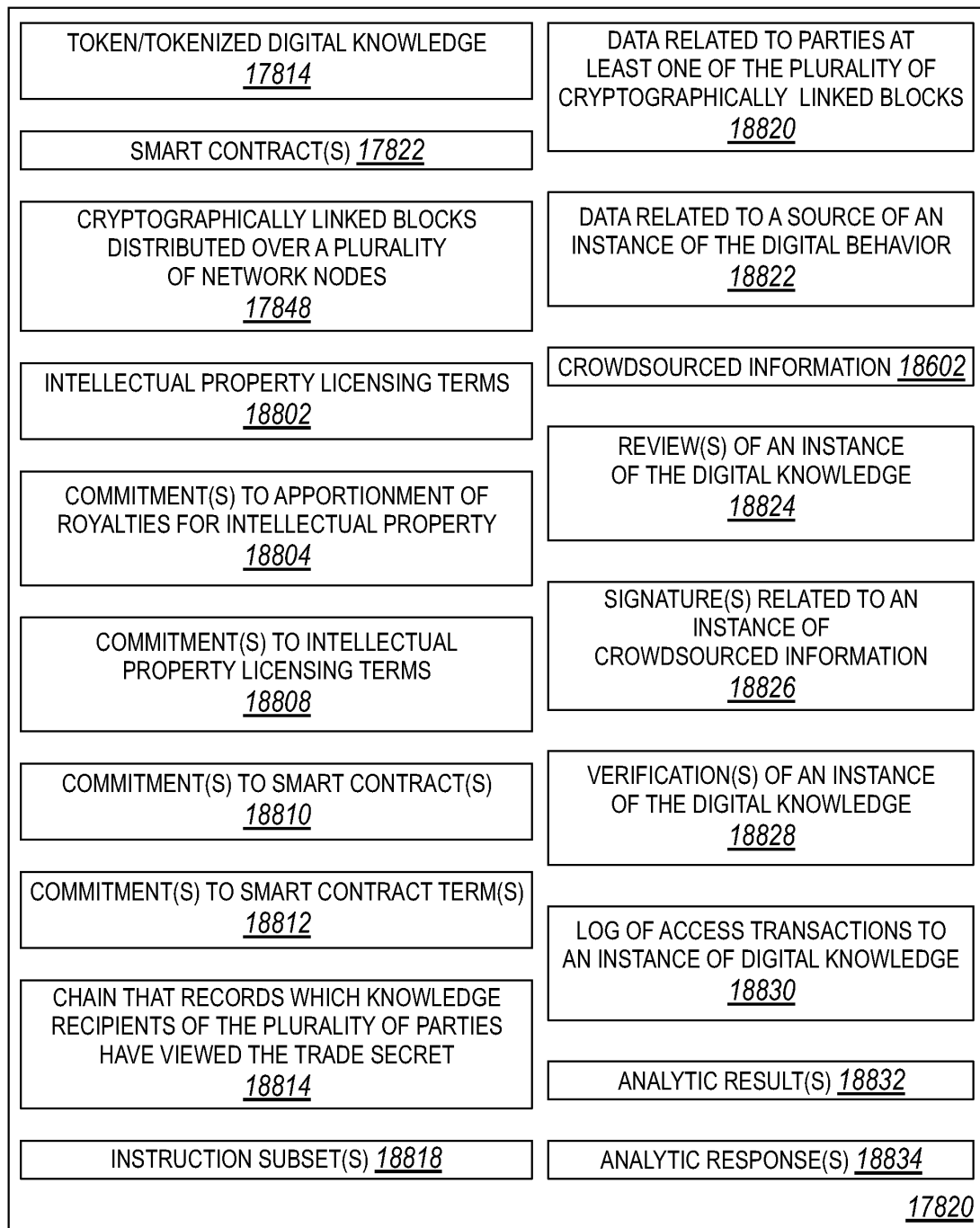
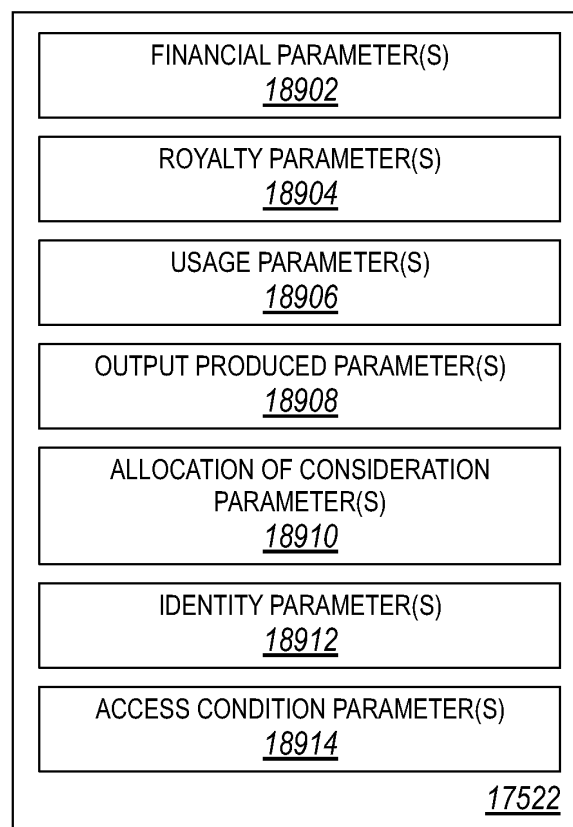


FIG. 187

163/291**FIG. 188**

164/291**FIG. 189**

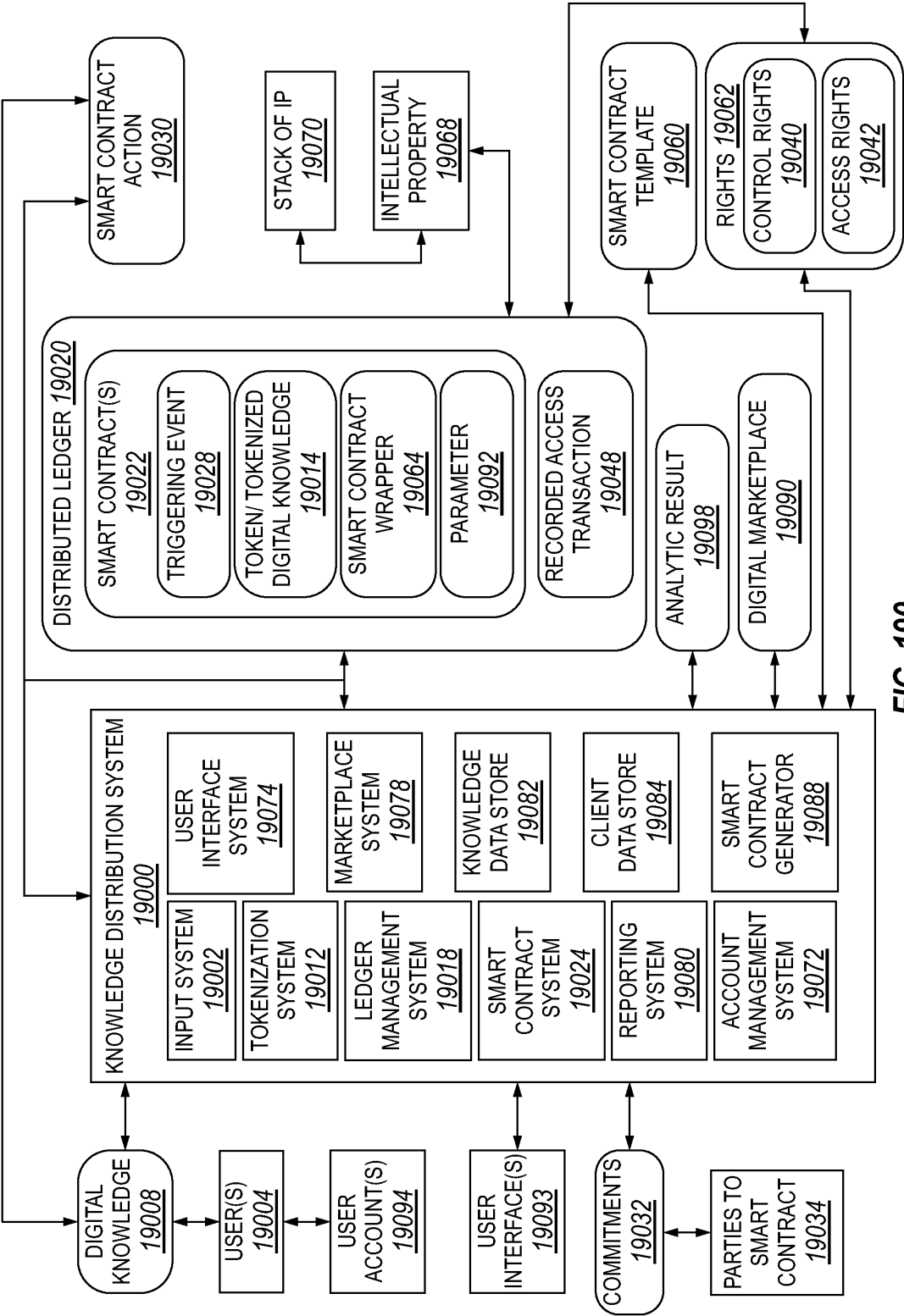
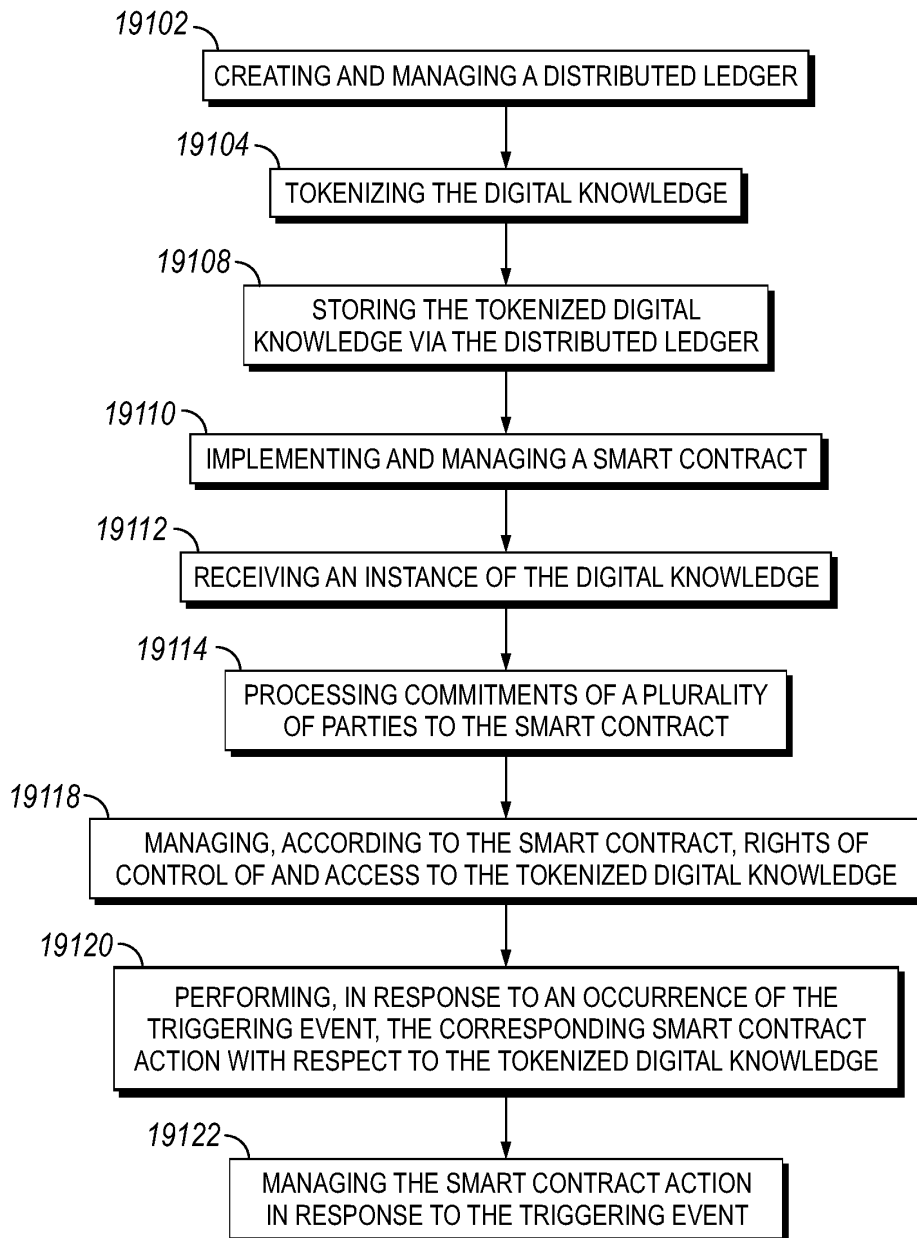
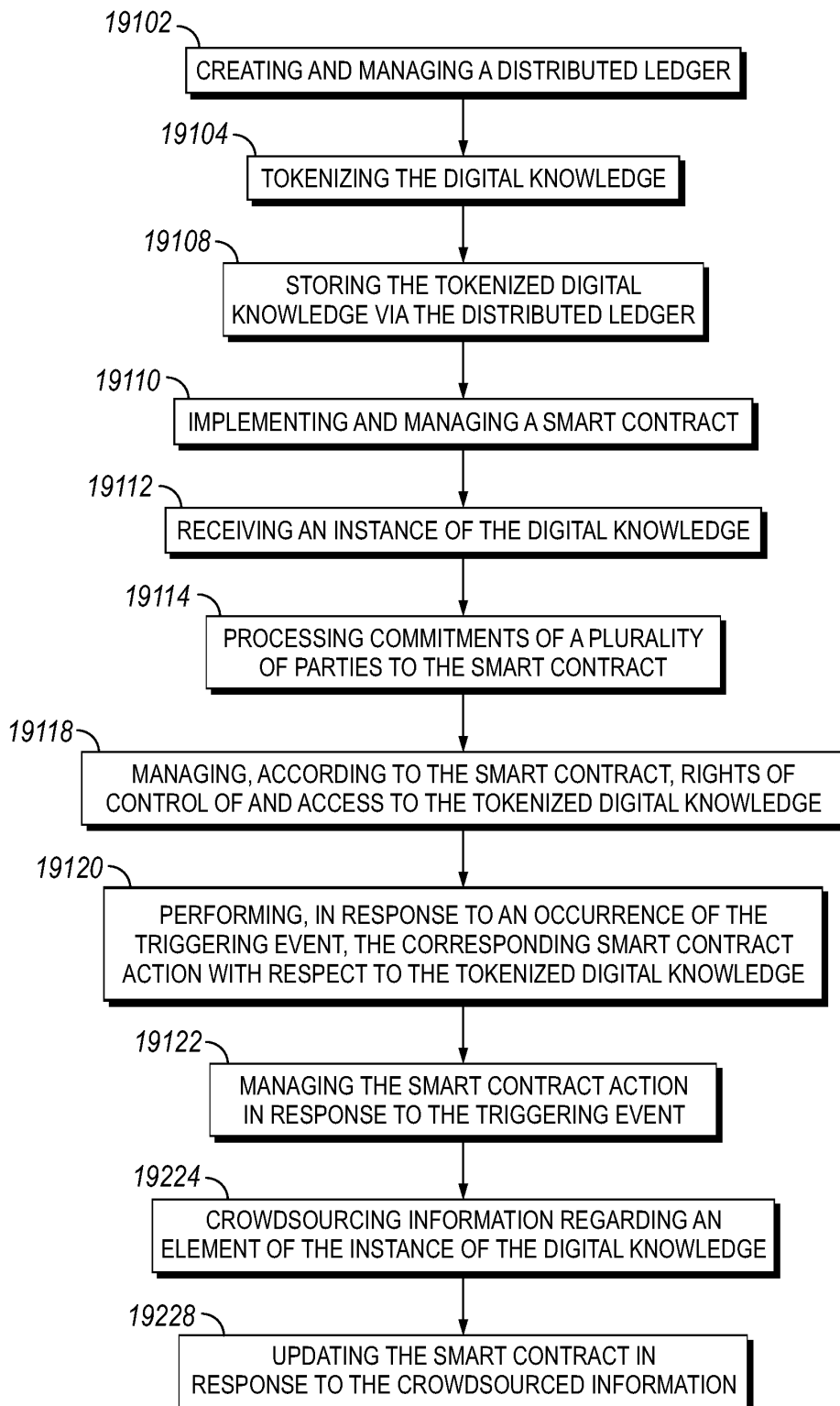
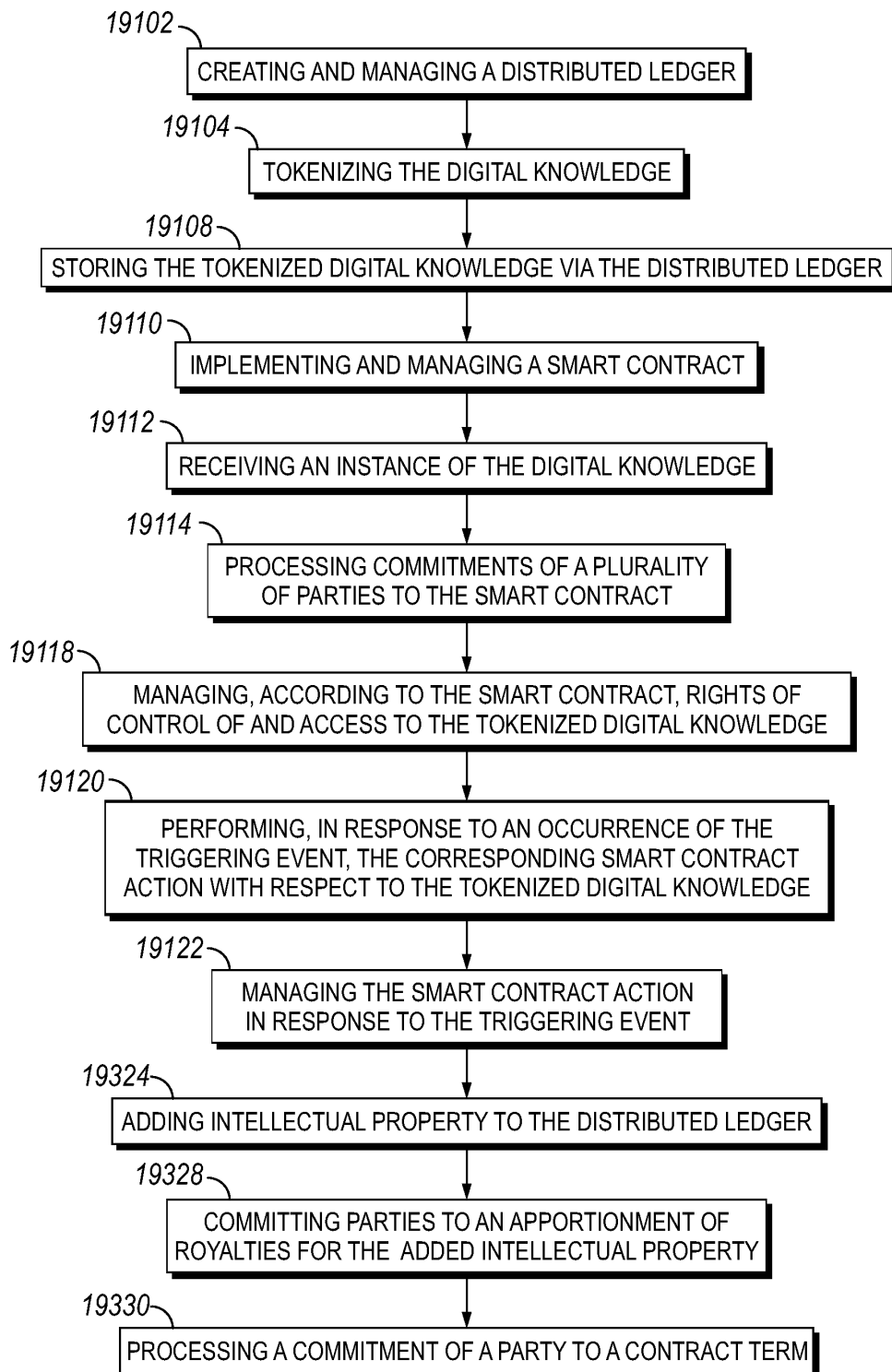
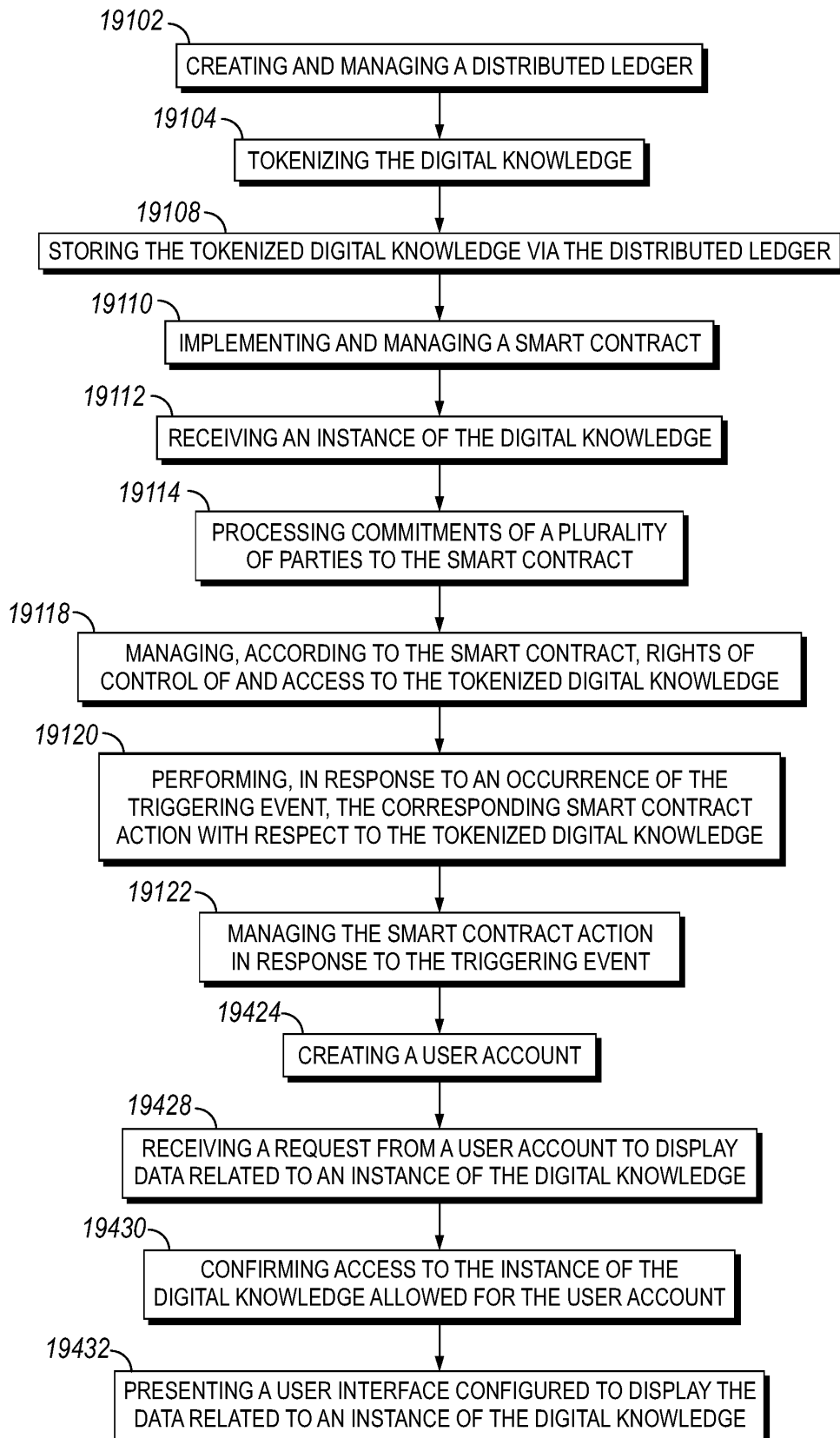


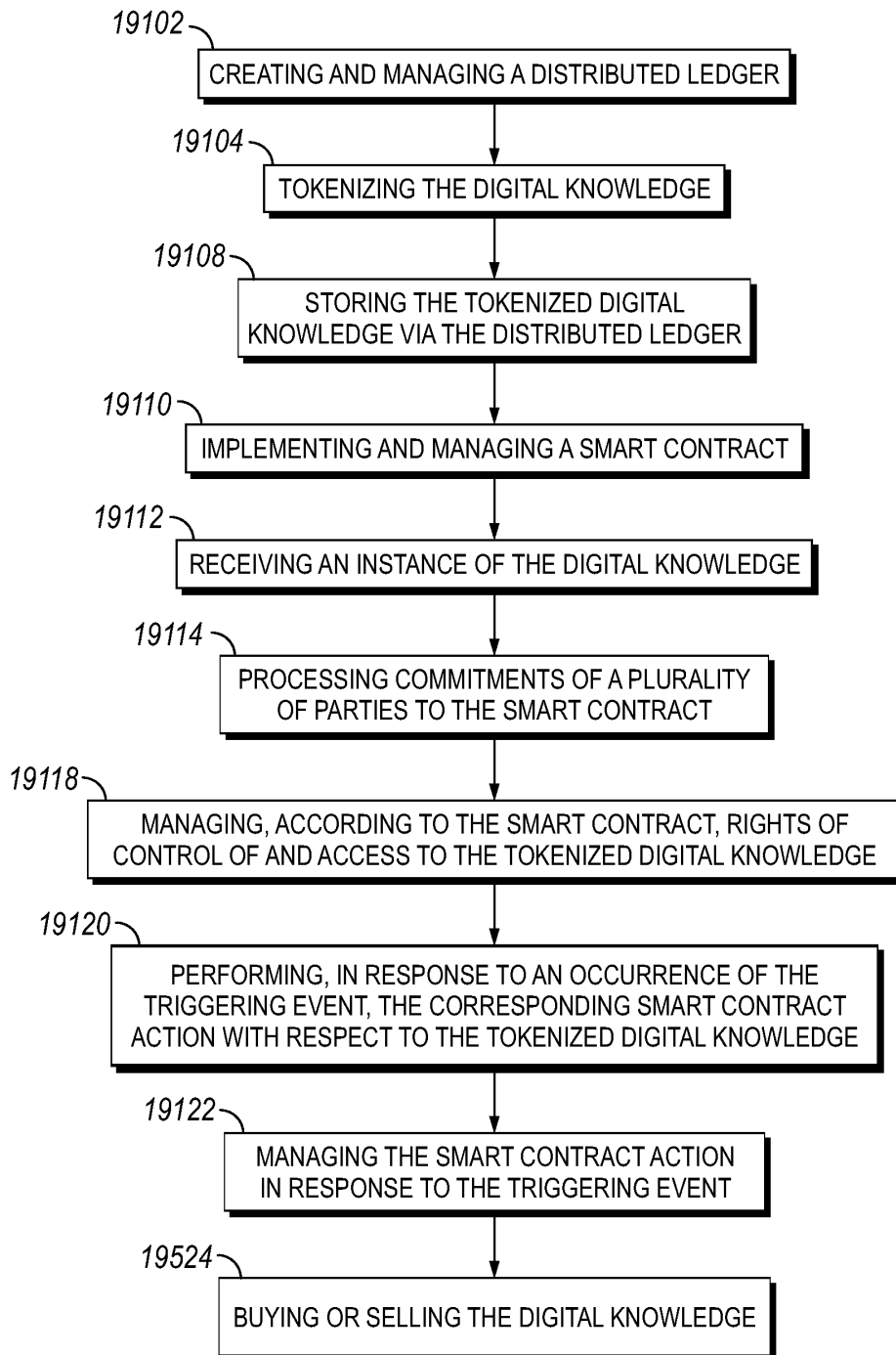
FIG. 190

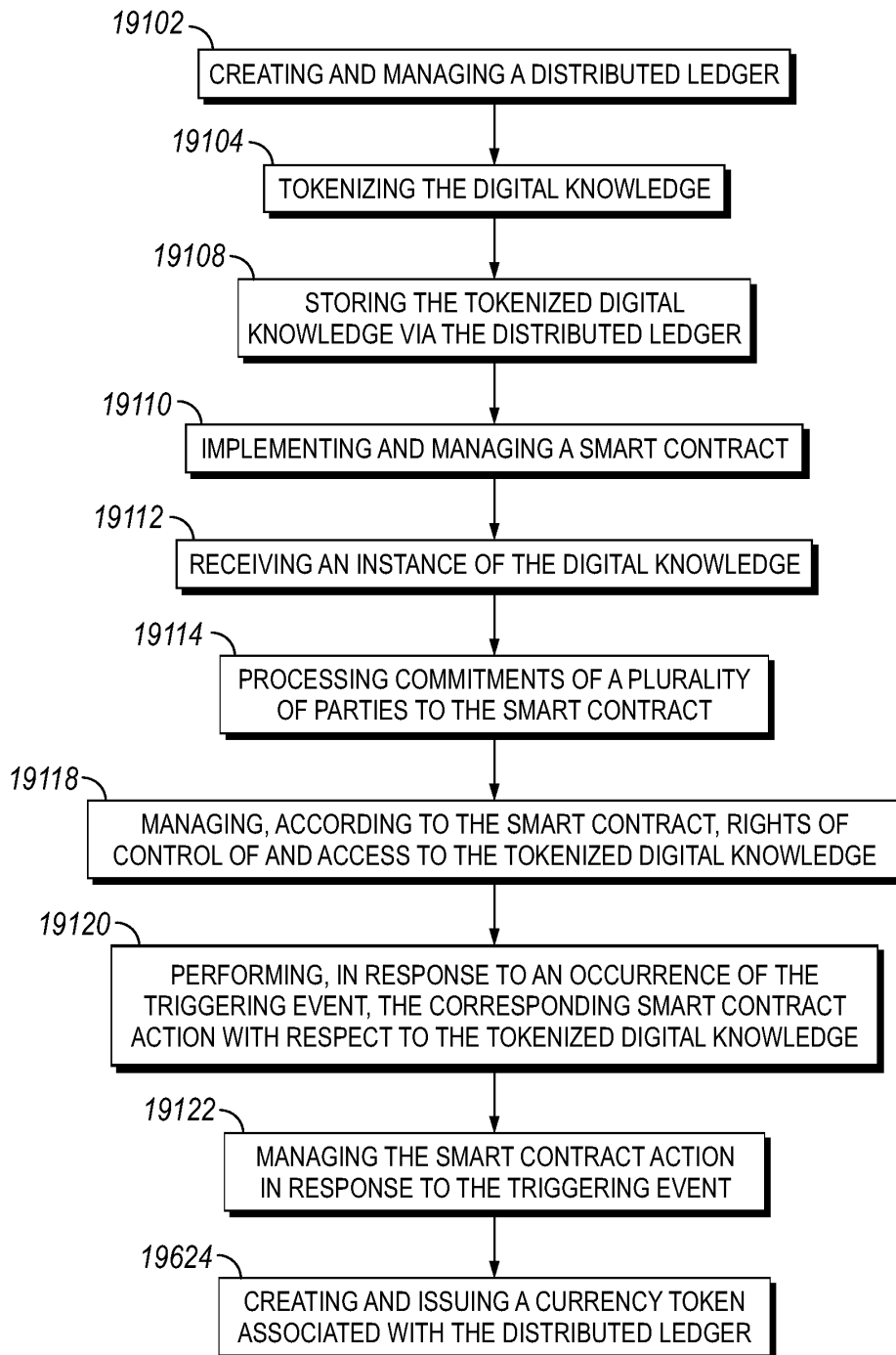
166/291**FIG. 191**

167/291**FIG. 192**

168/291**FIG. 193**

169/291**FIG. 194**

170/291**FIG. 195**

171/291**FIG. 196**

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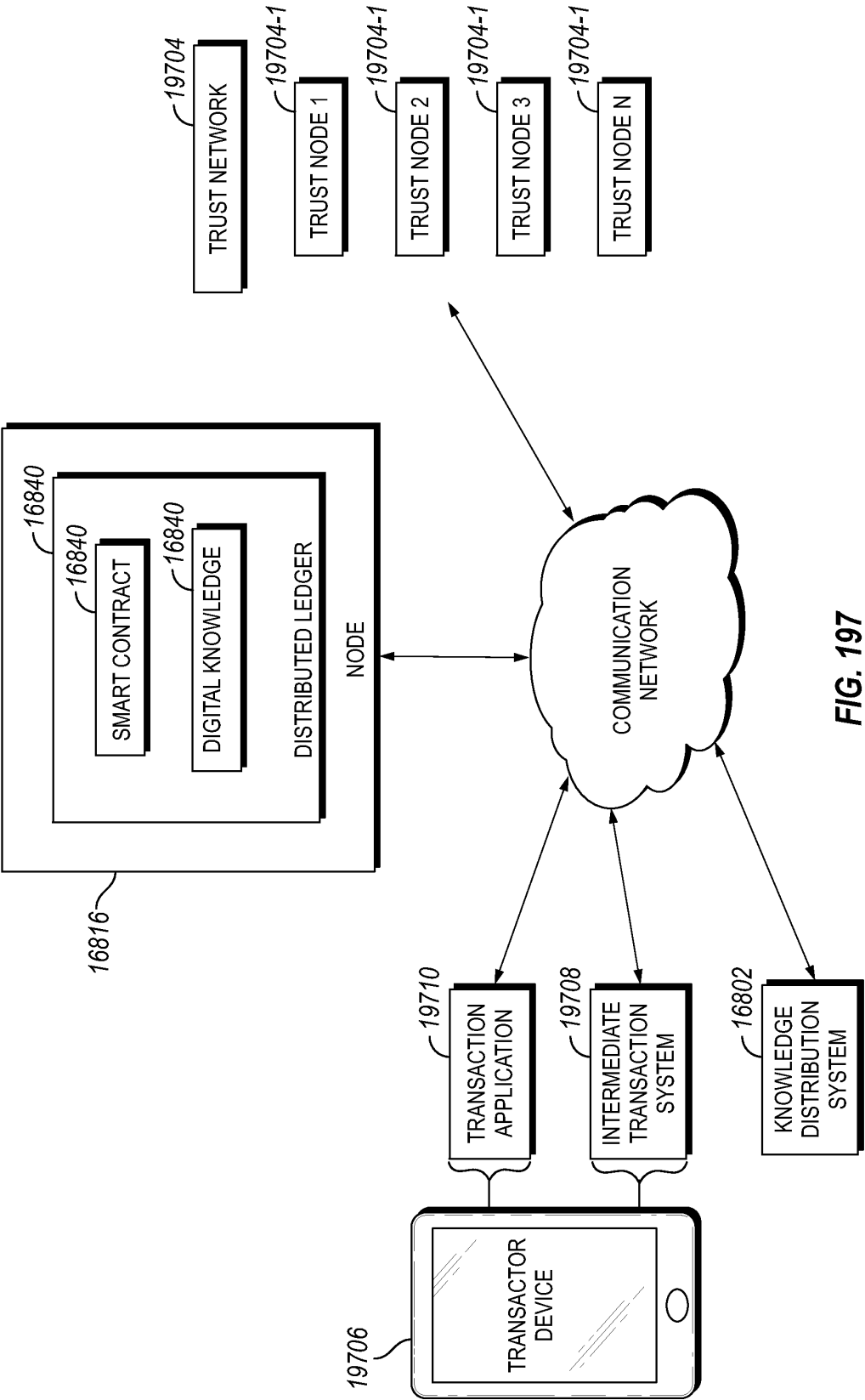
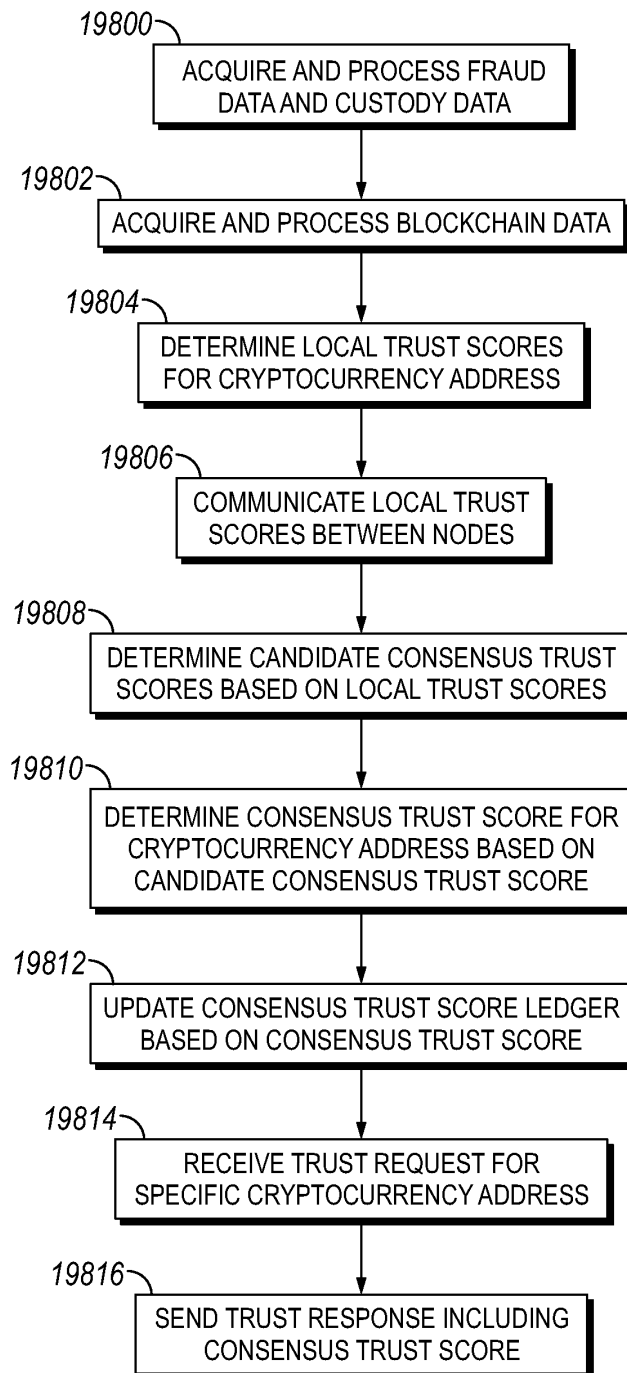


FIG. 197

173/291**FIG. 198**

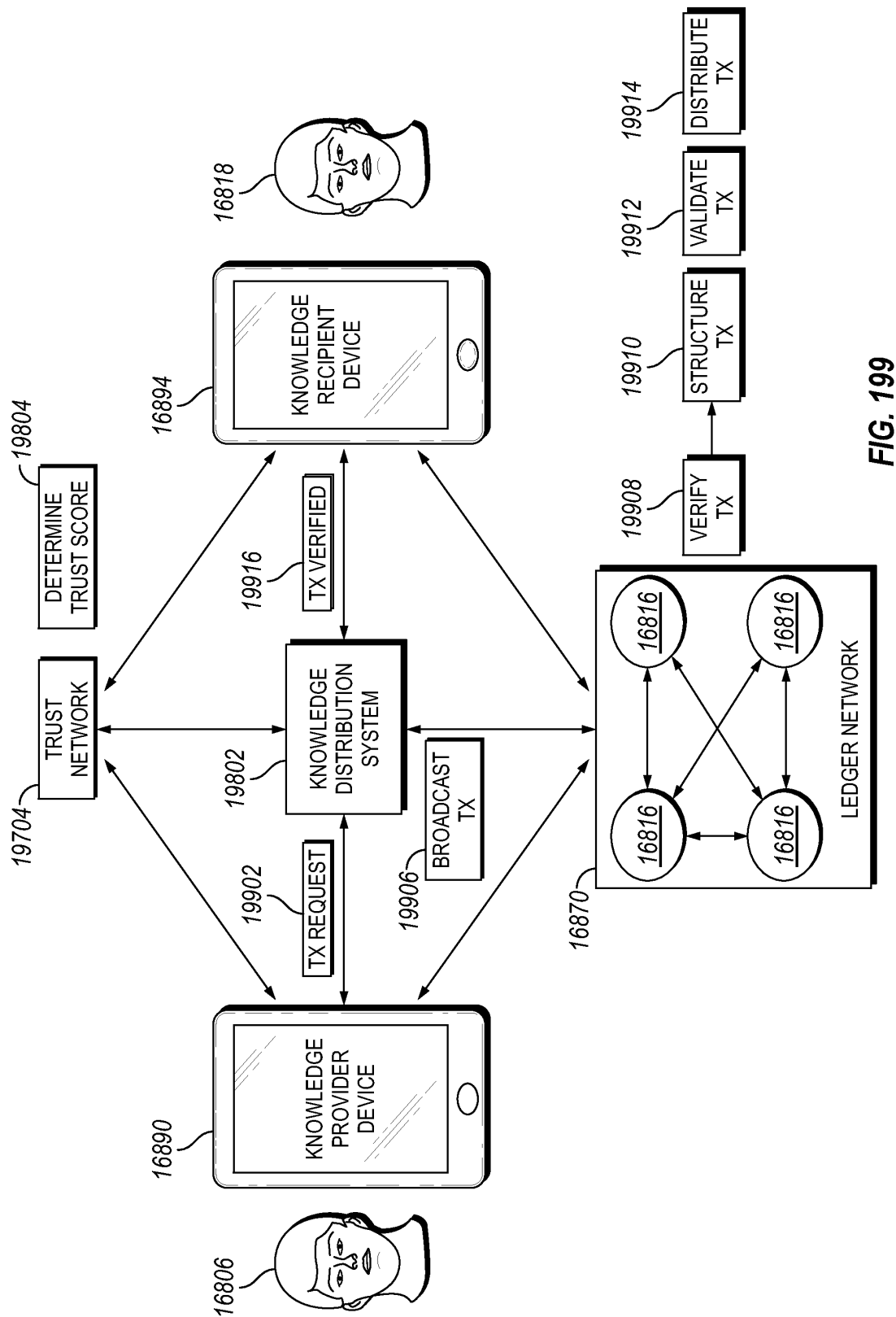


FIG. 199

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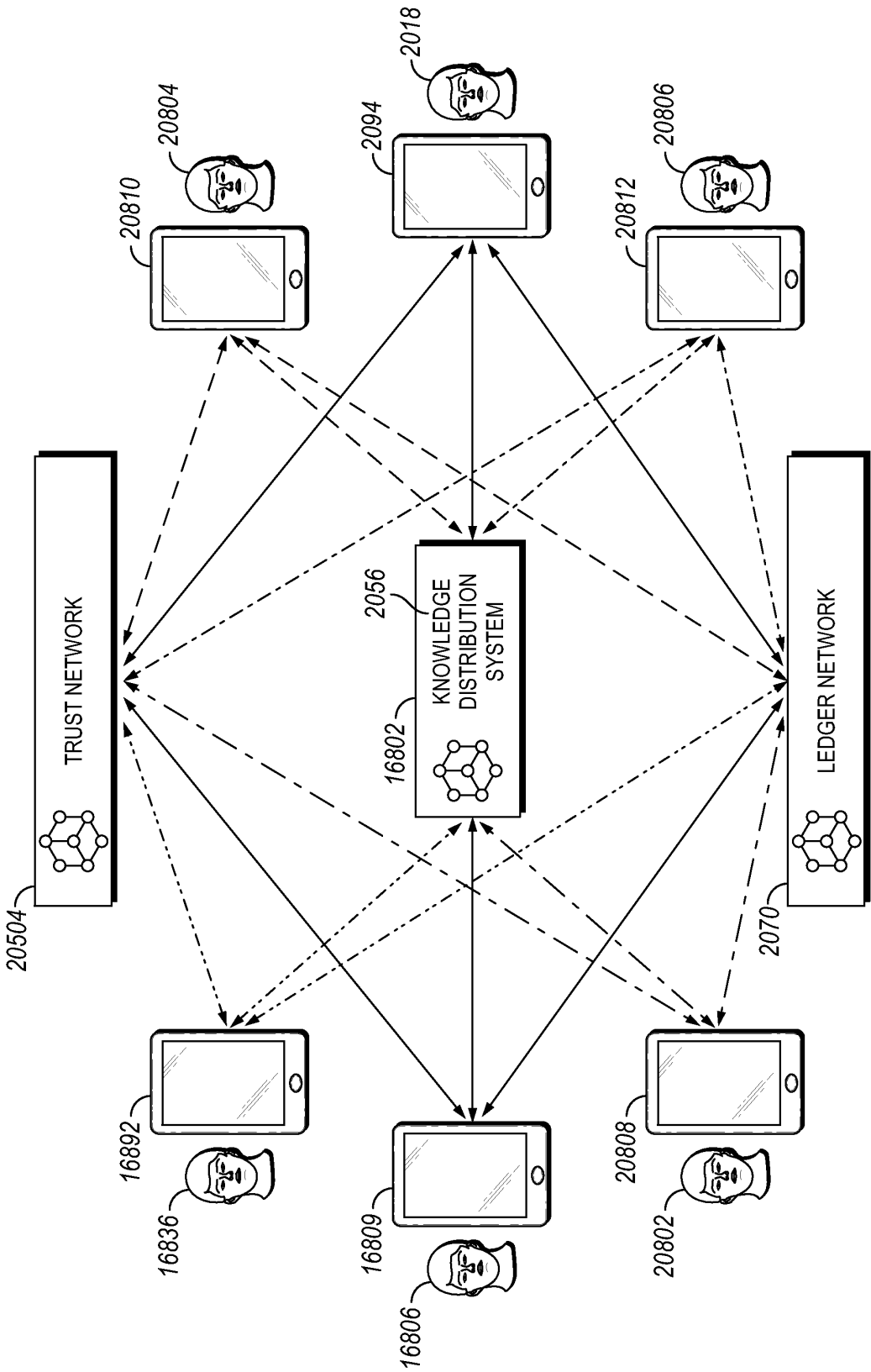
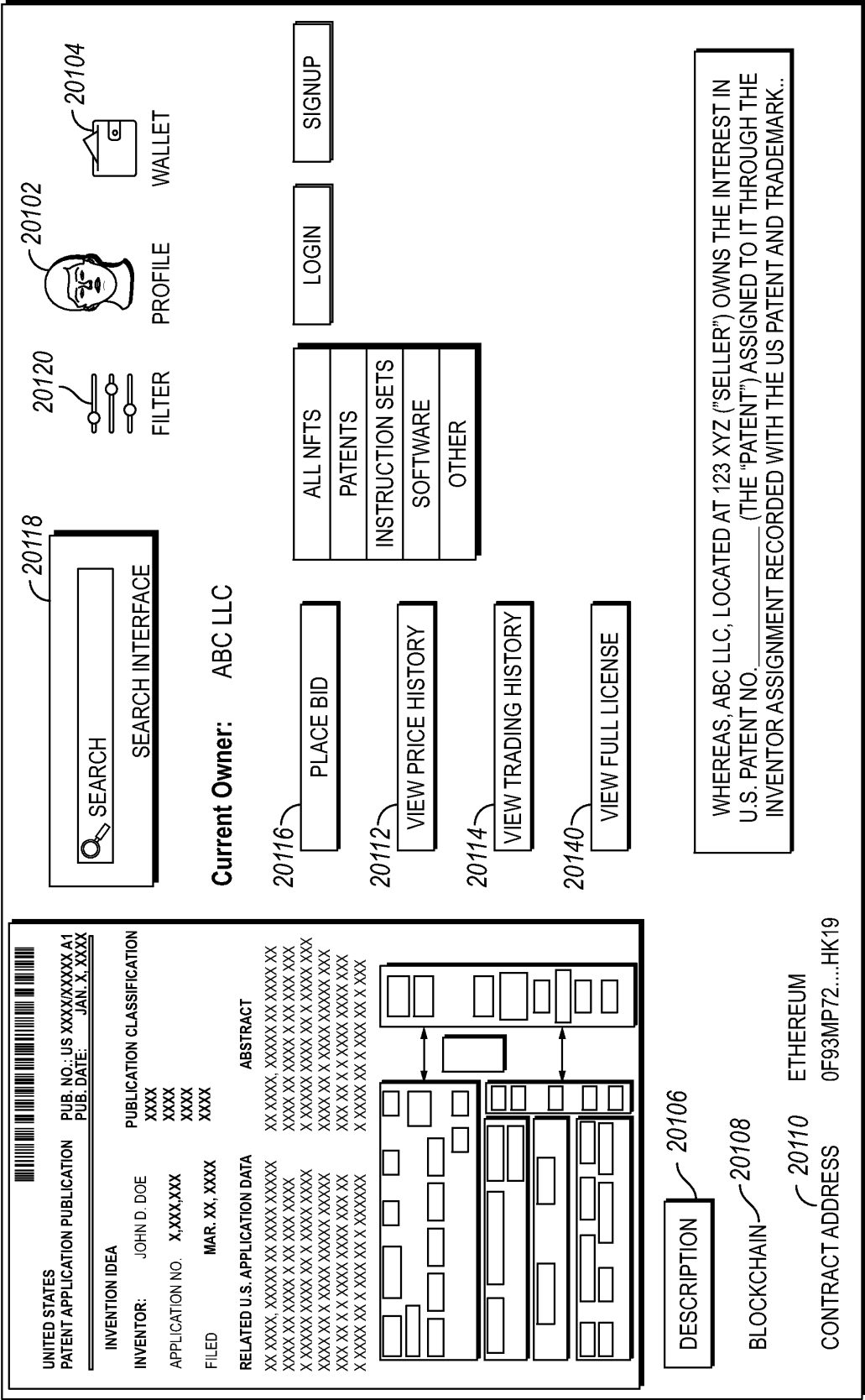


FIG. 200



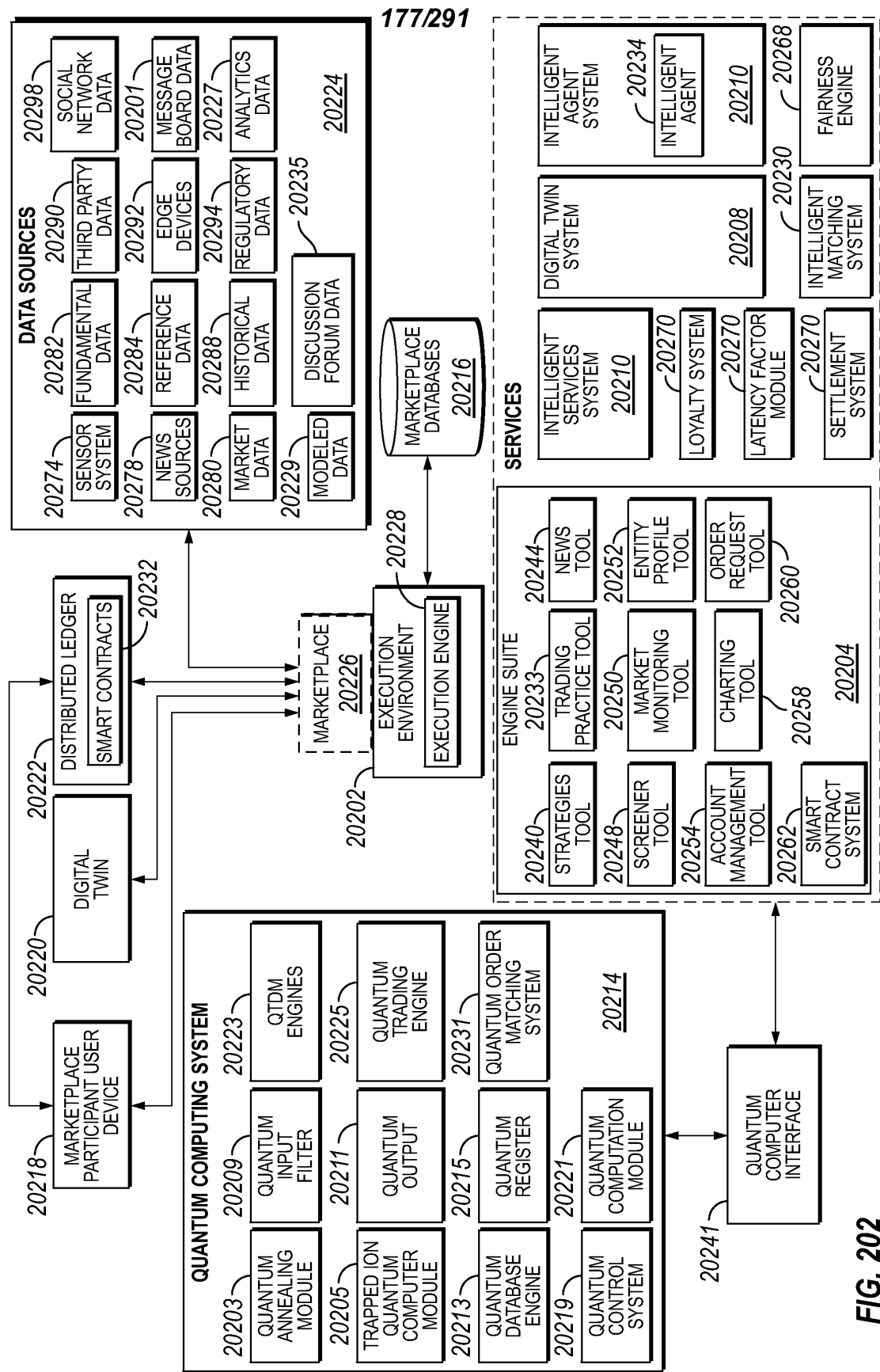


FIG. 202

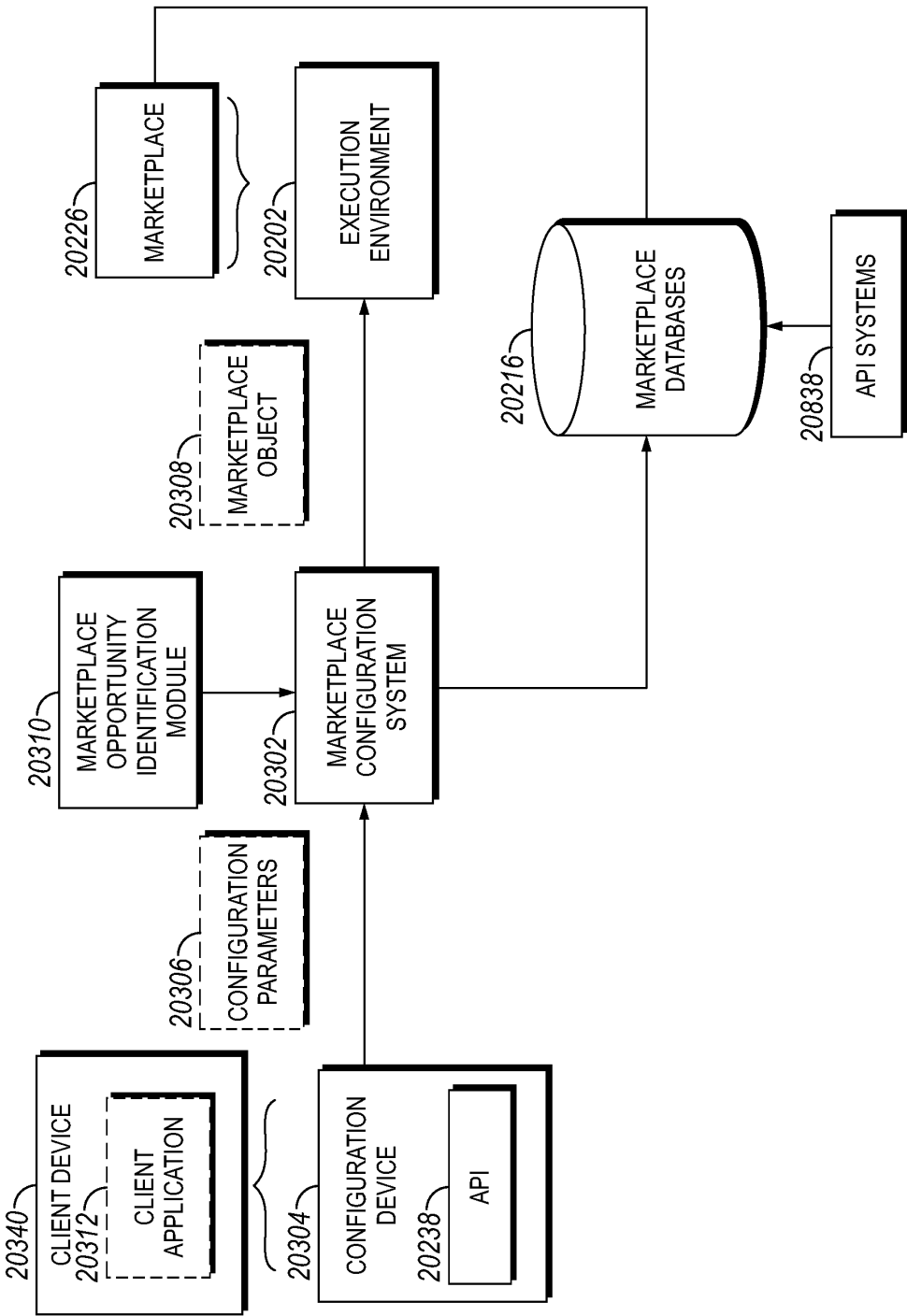
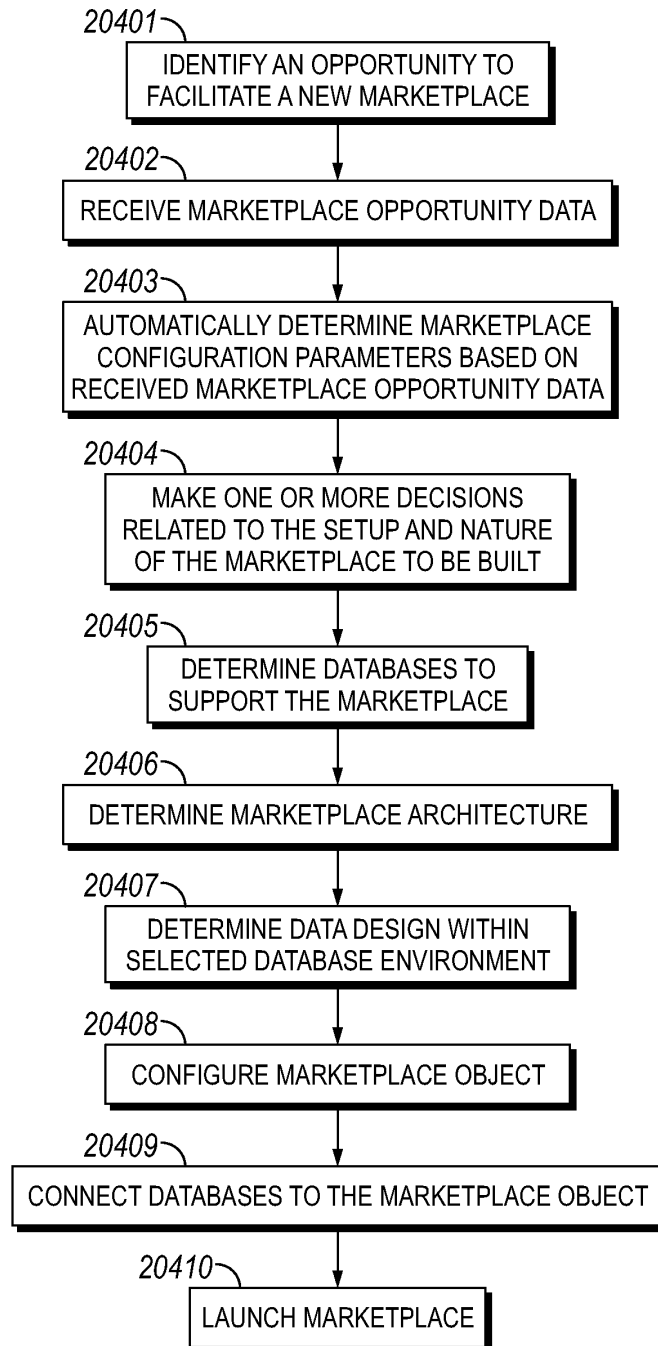


FIG. 203

179/291**FIG. 204**

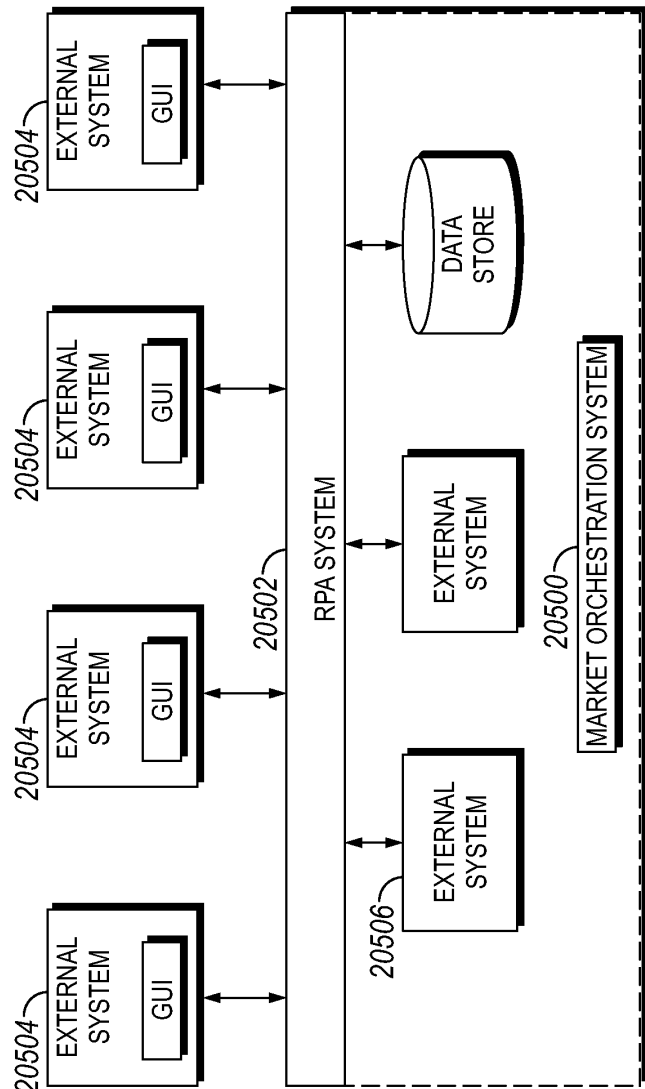


FIG. 205

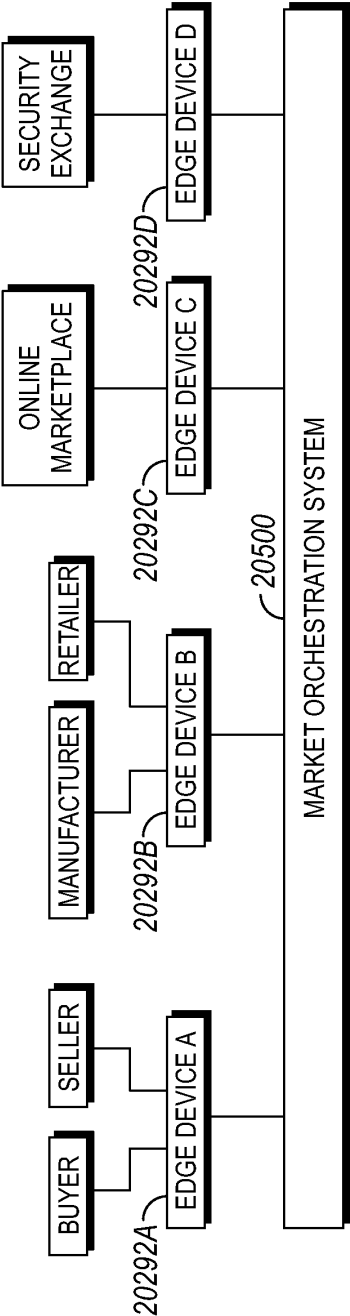


FIG. 206

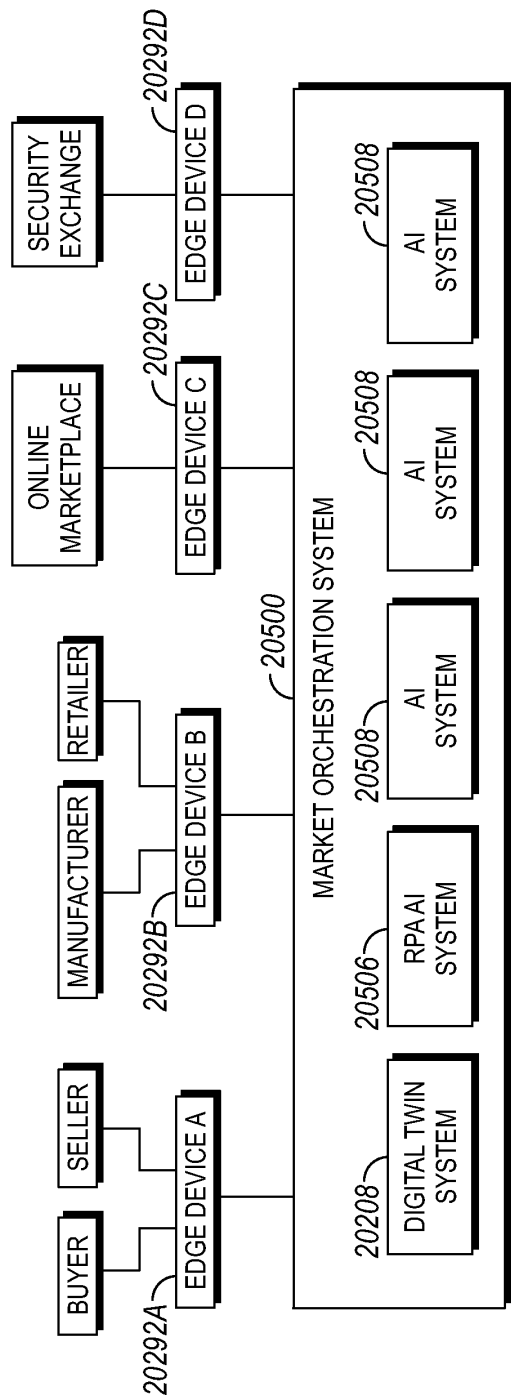


FIG. 207

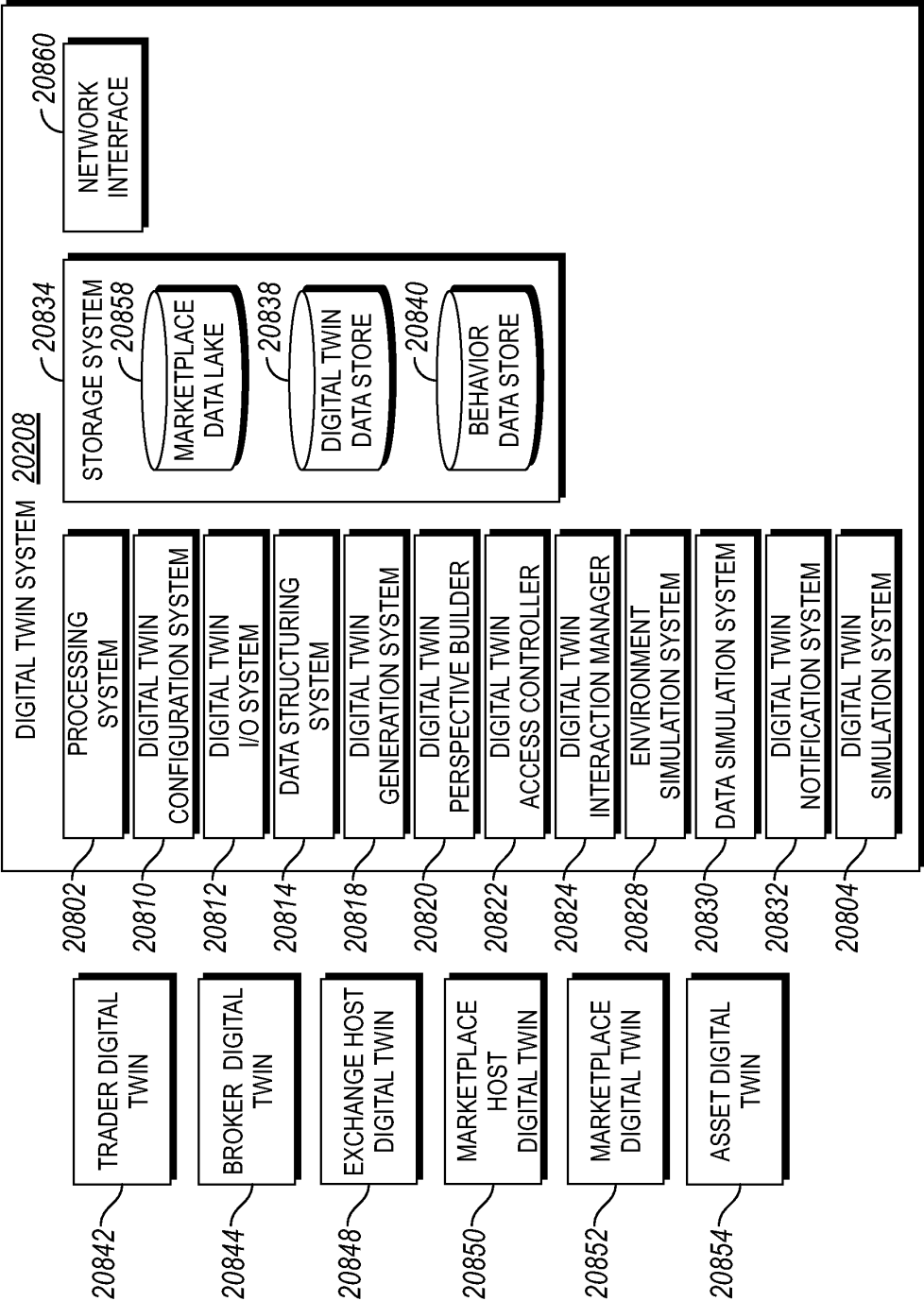


FIG. 208

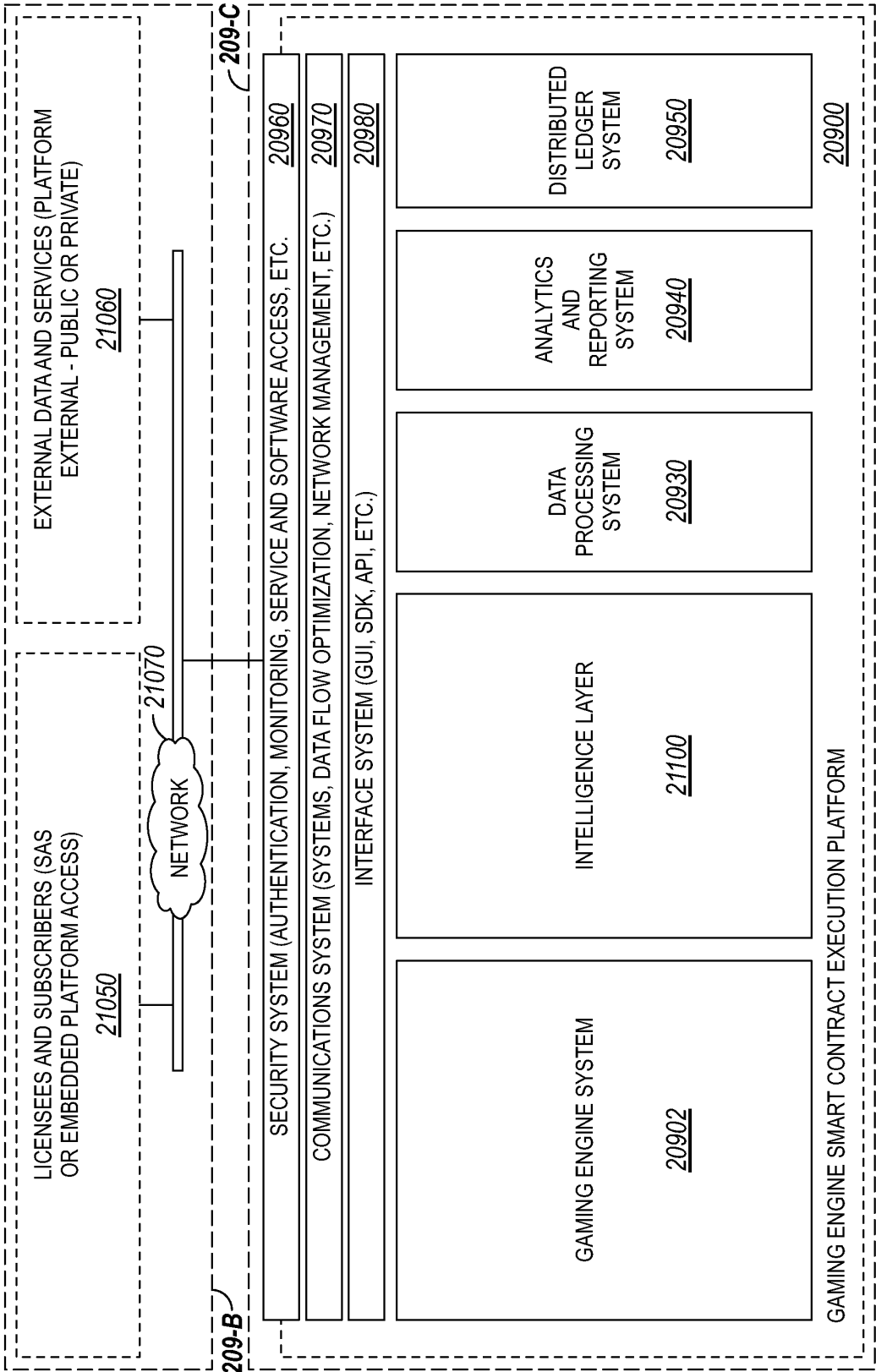


FIG. 209-A

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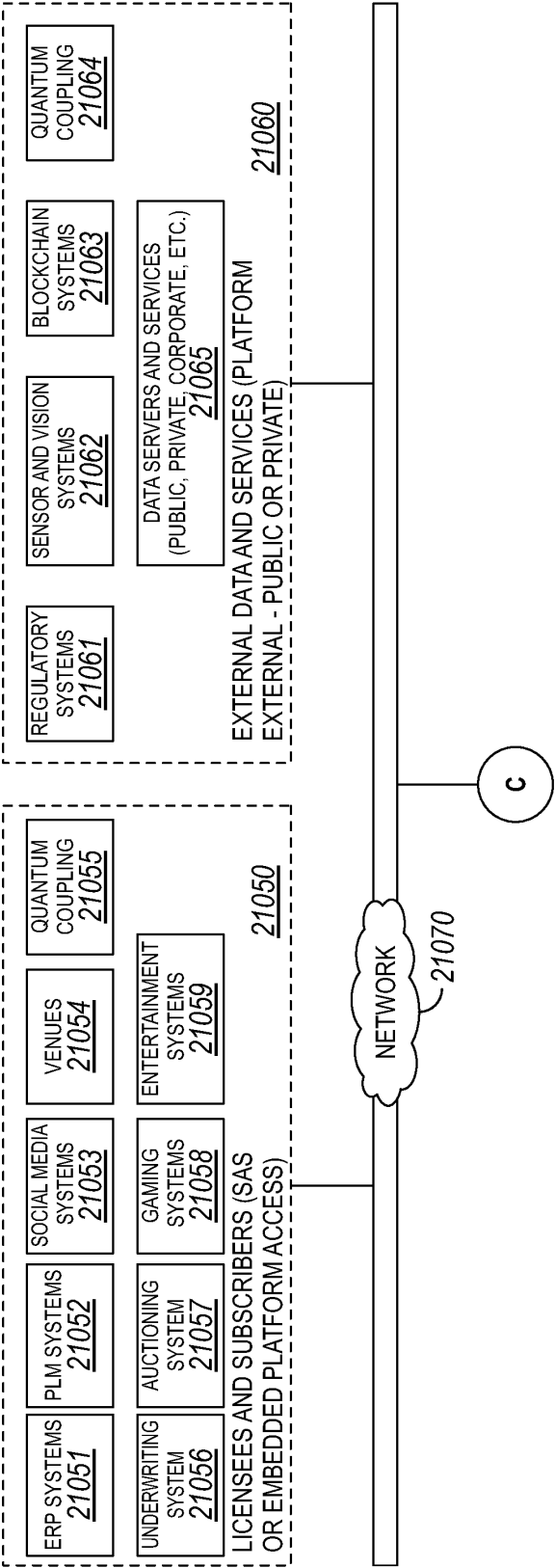


FIG. 209-B

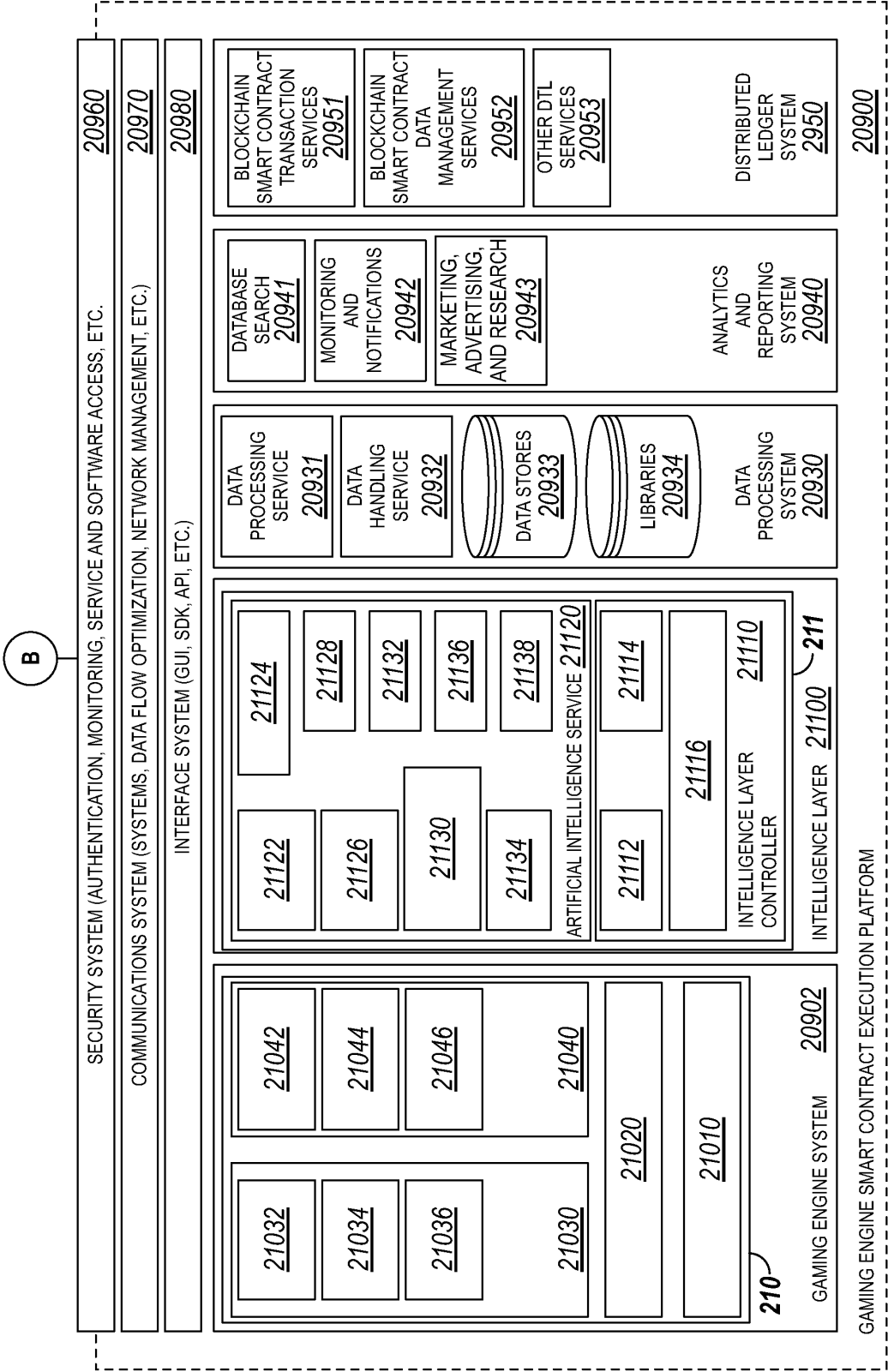


FIG. 209-C

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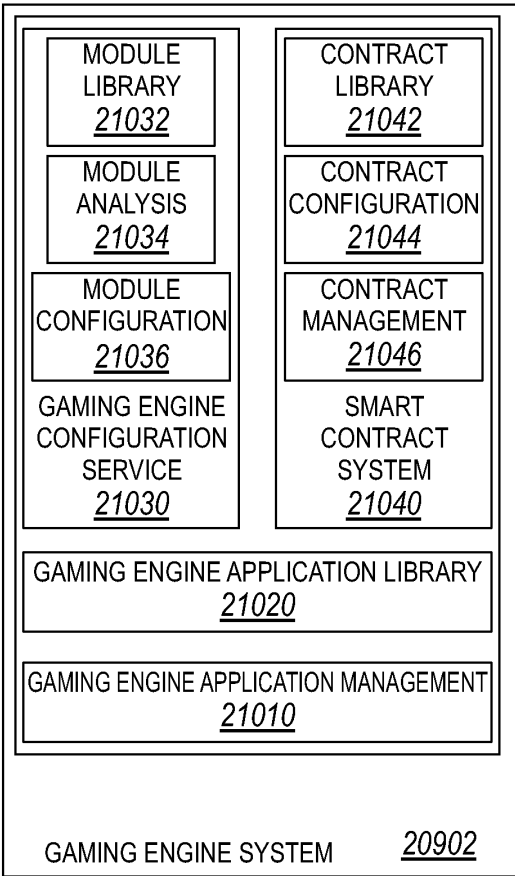


FIG. 210

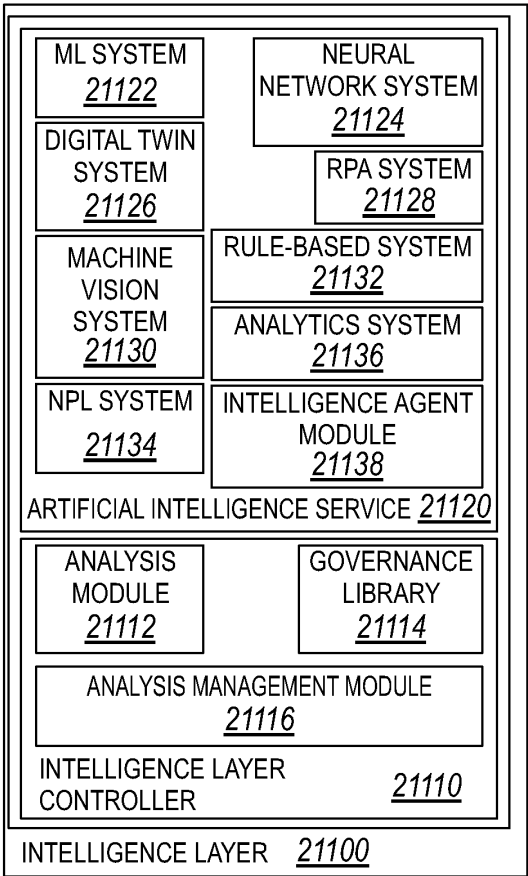


FIG. 211

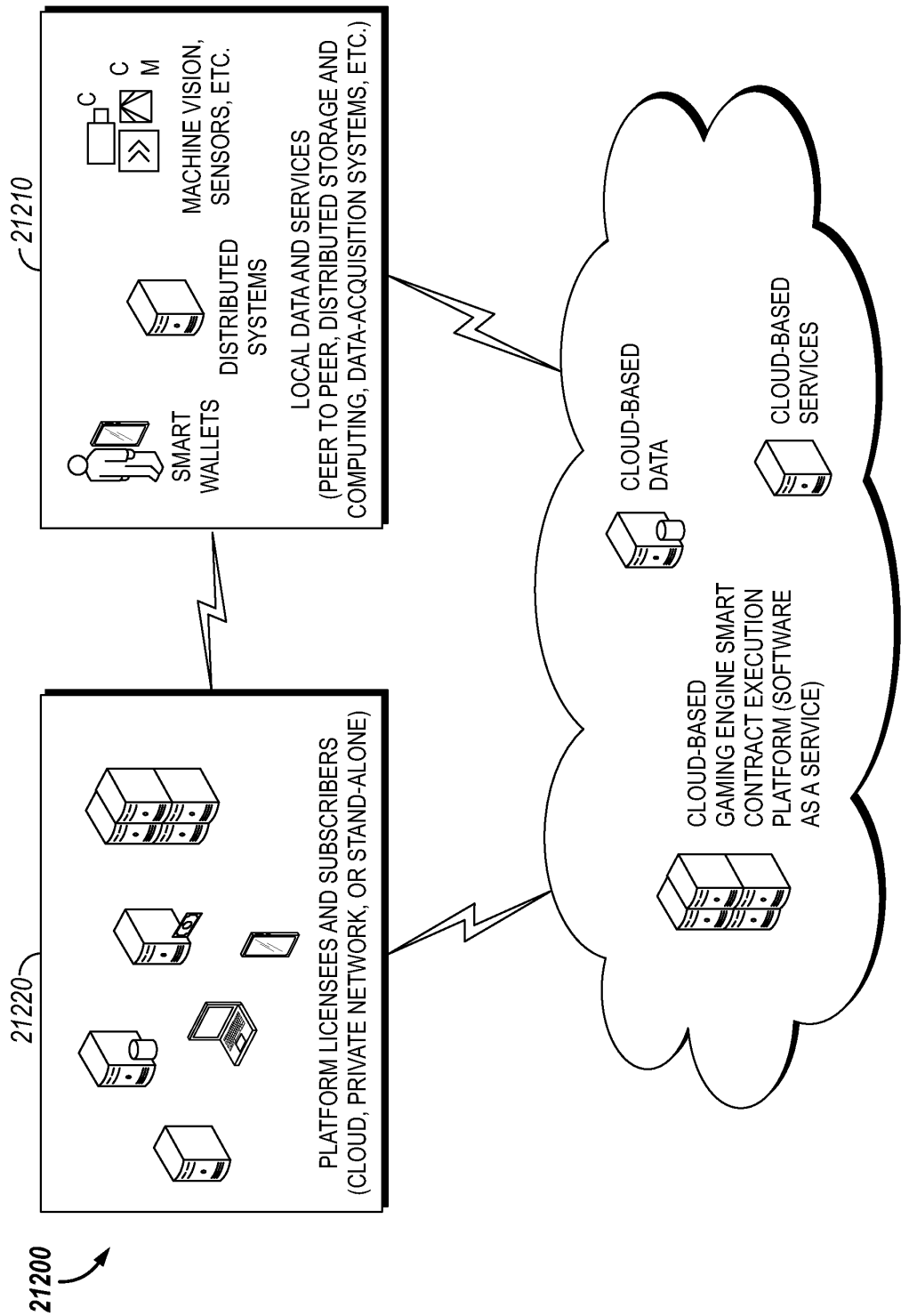
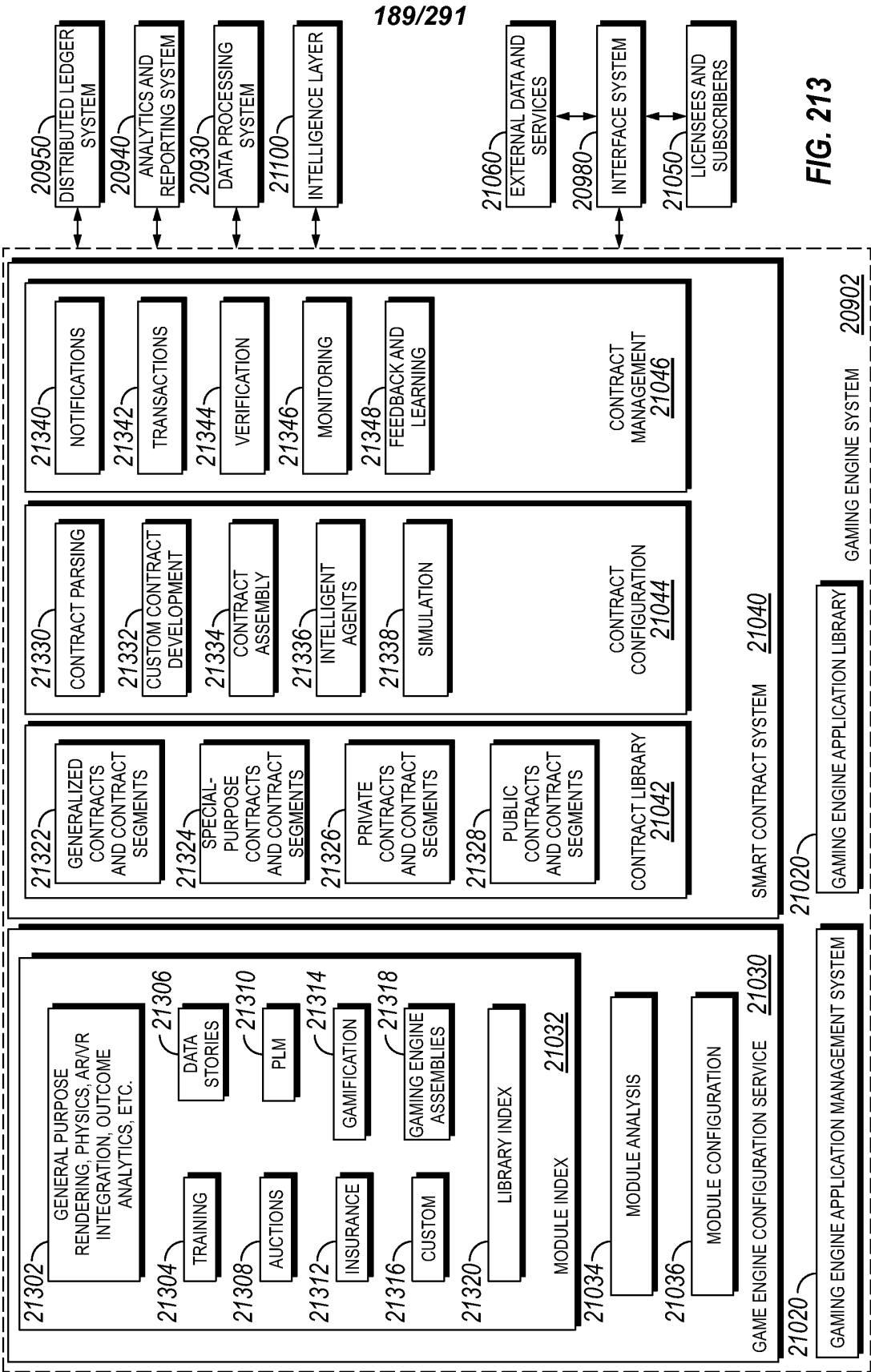


FIG. 212



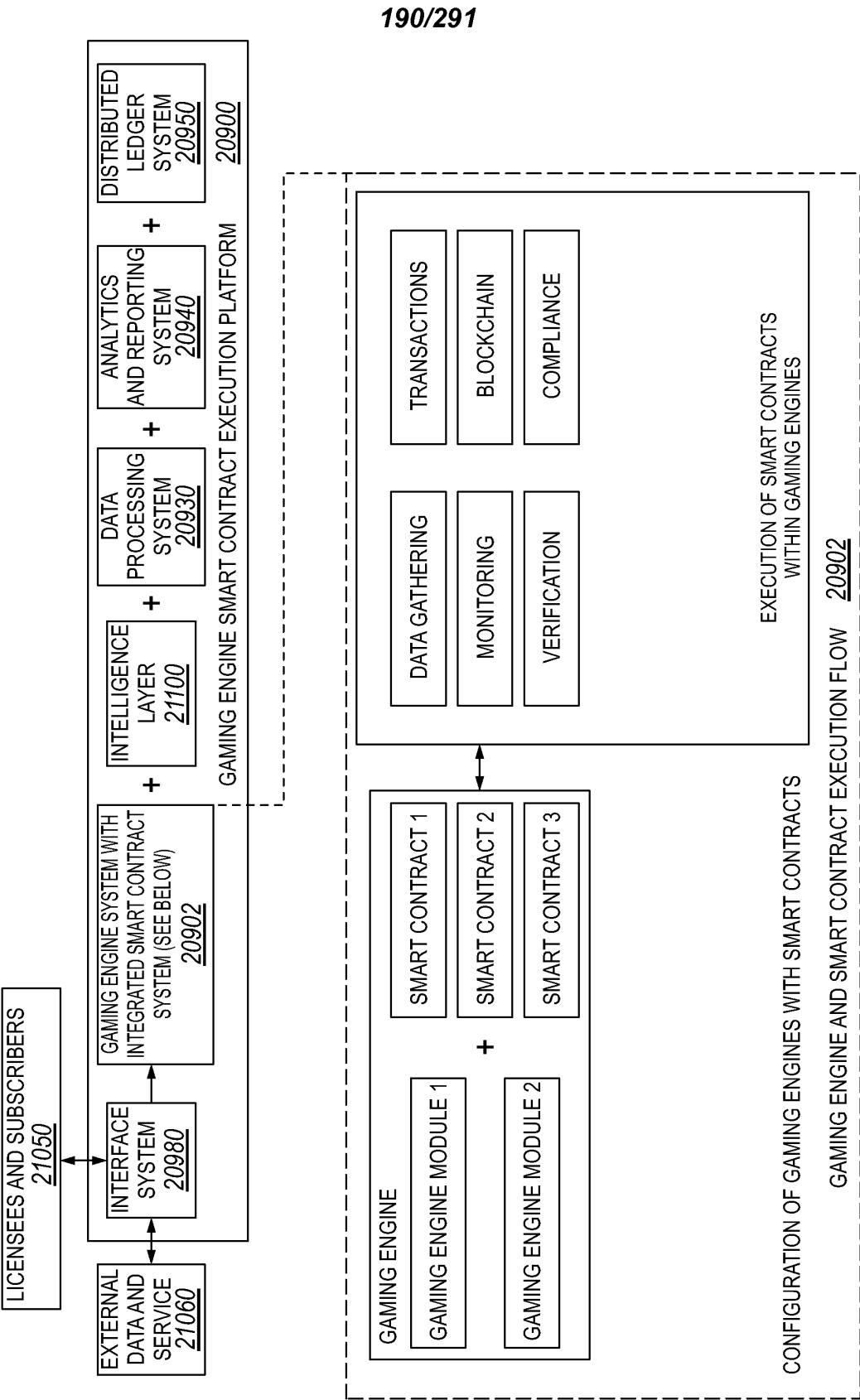


FIG. 214

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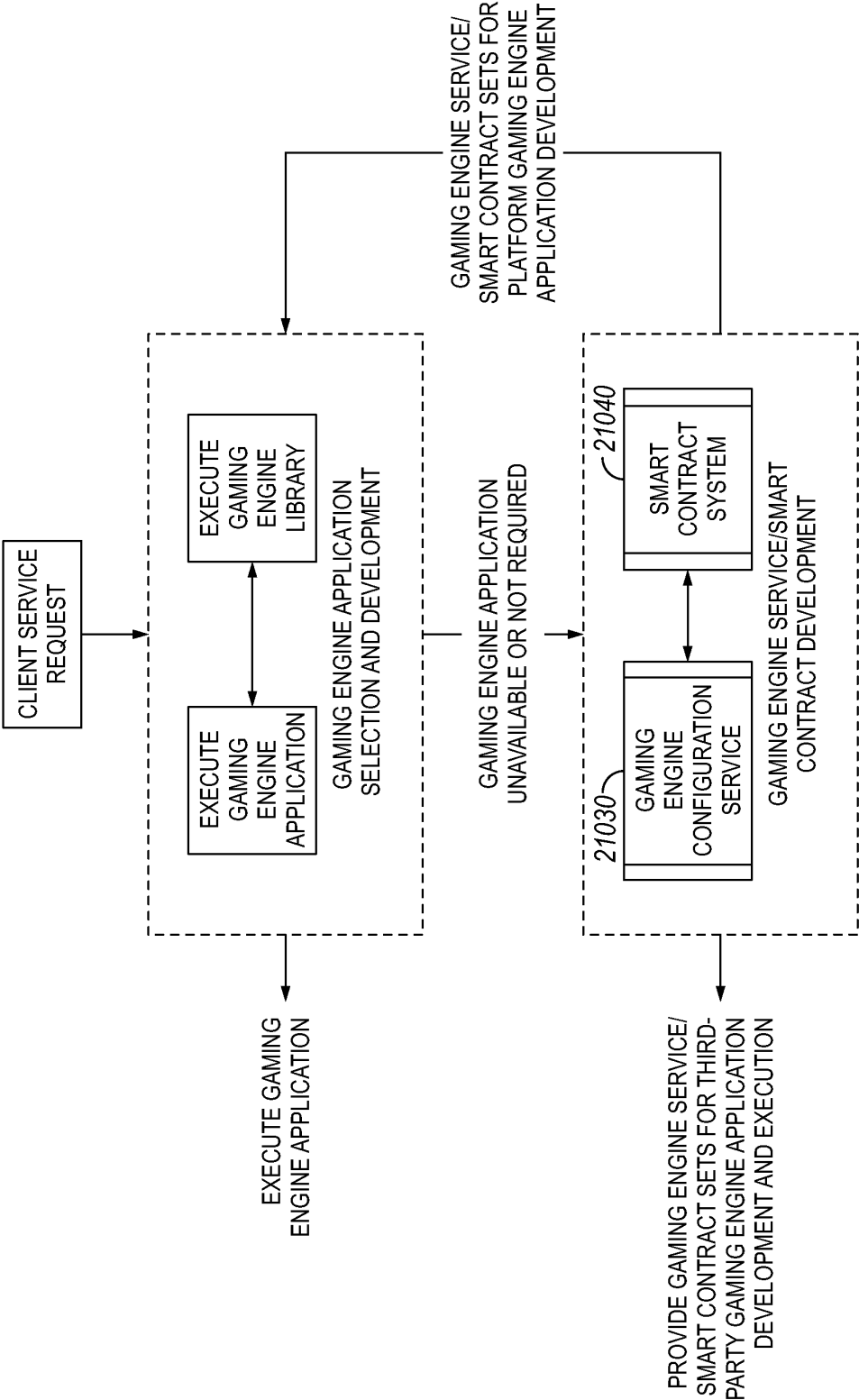


FIG. 215

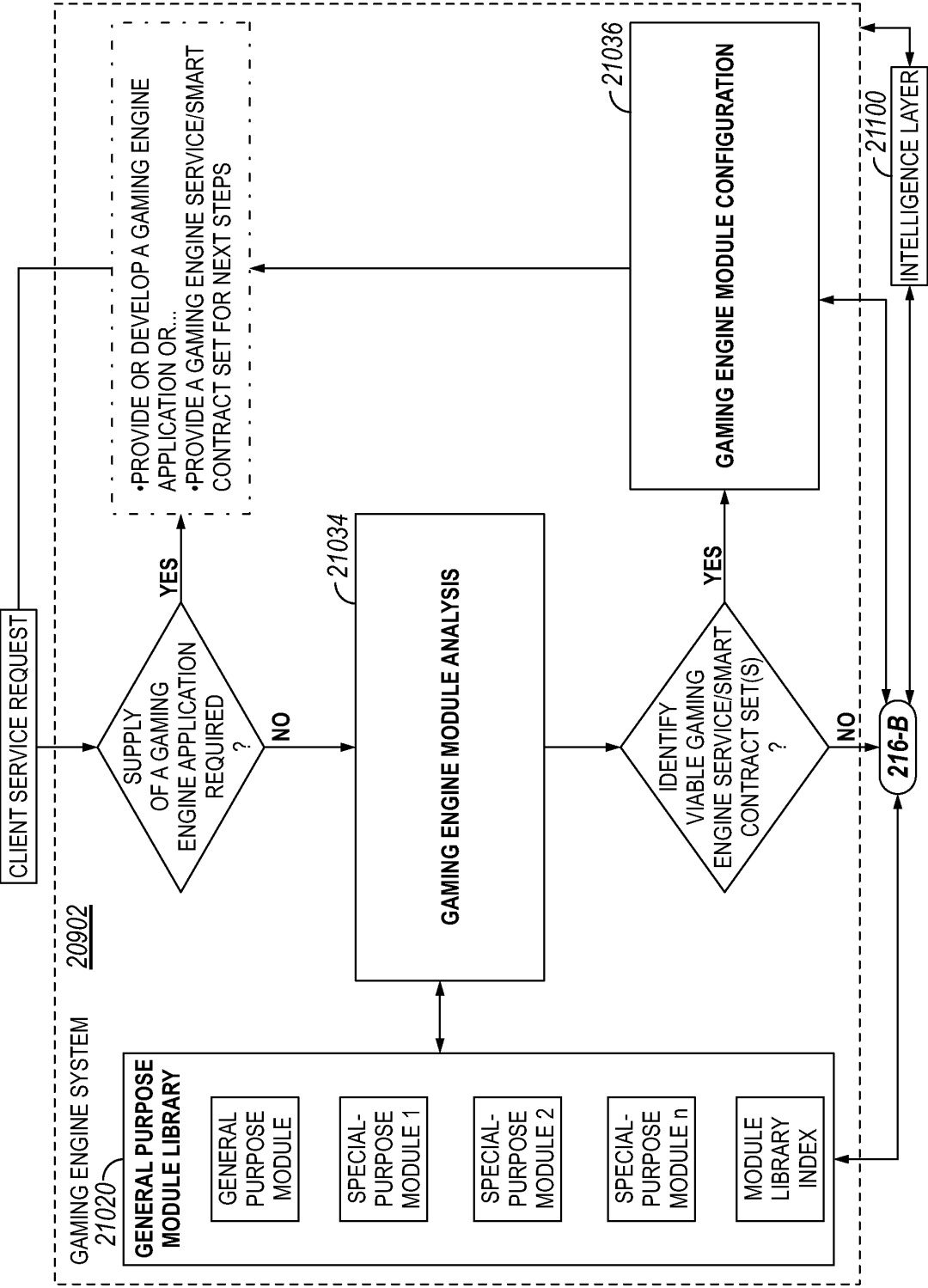


FIG. 216-A

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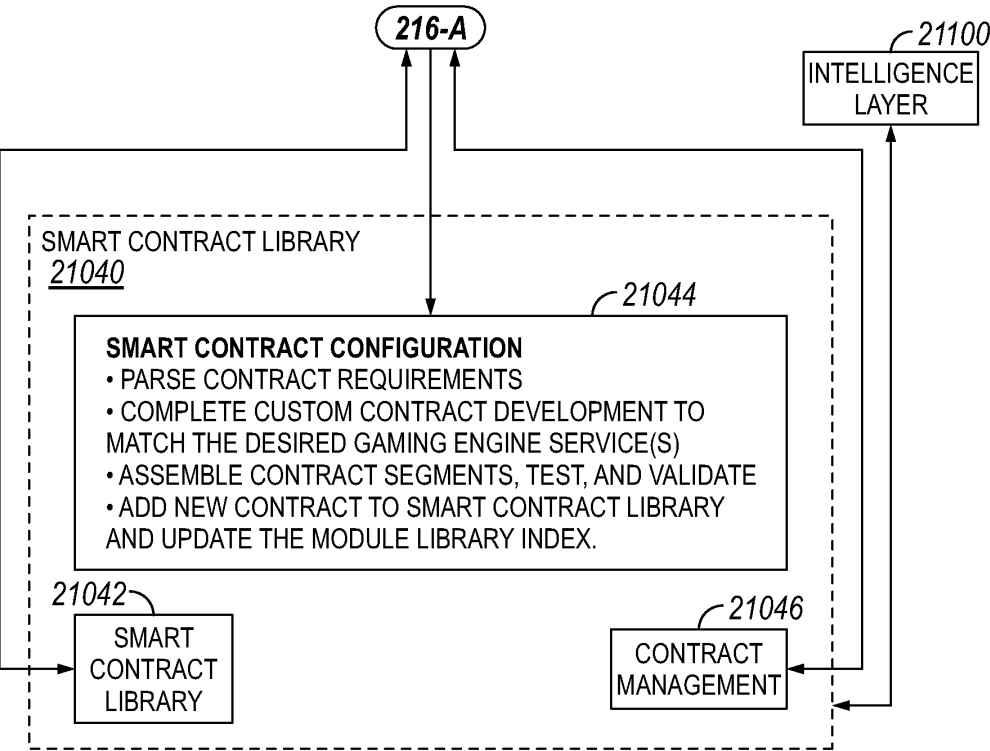


FIG. 216-B

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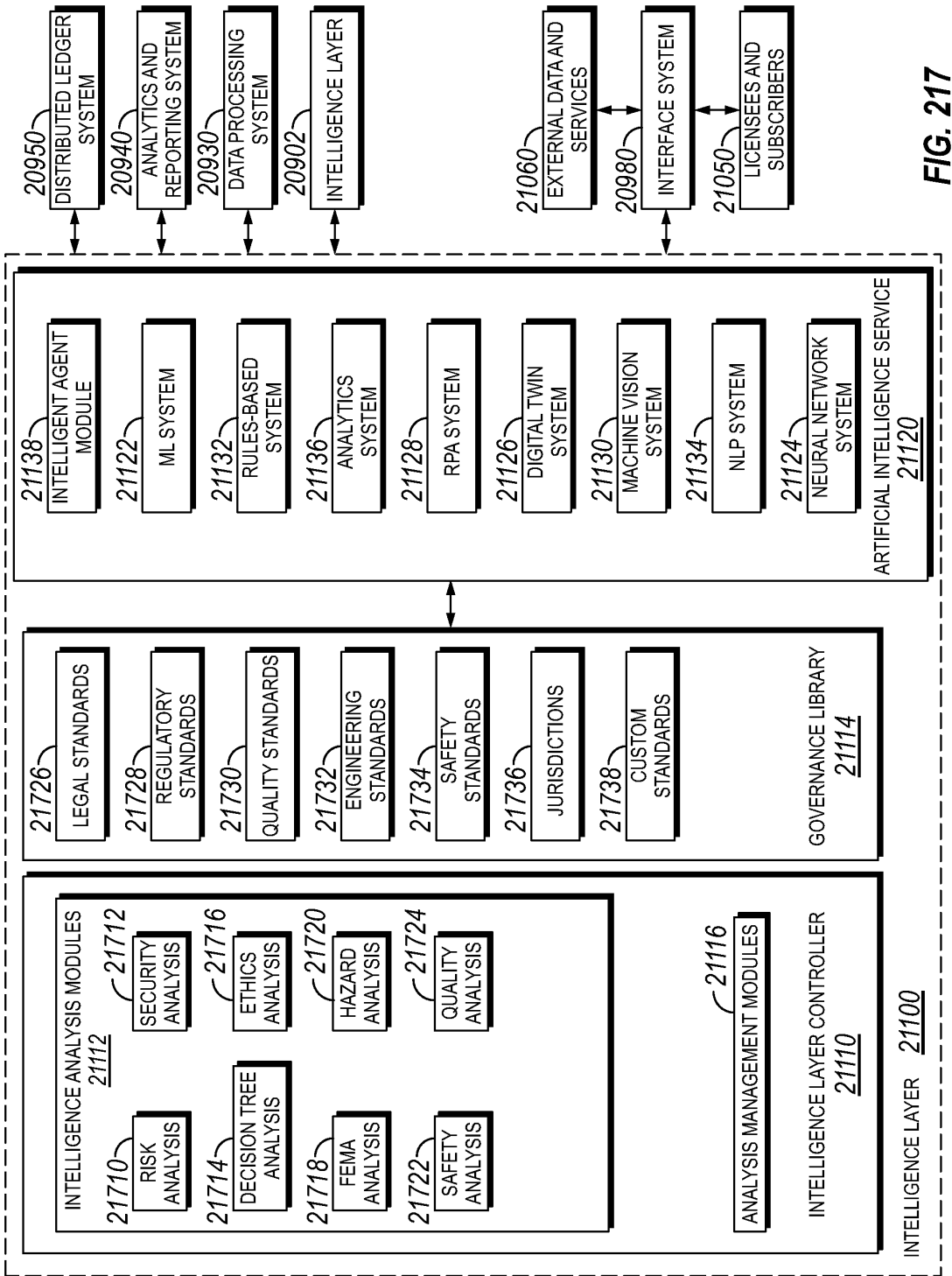


FIG. 217

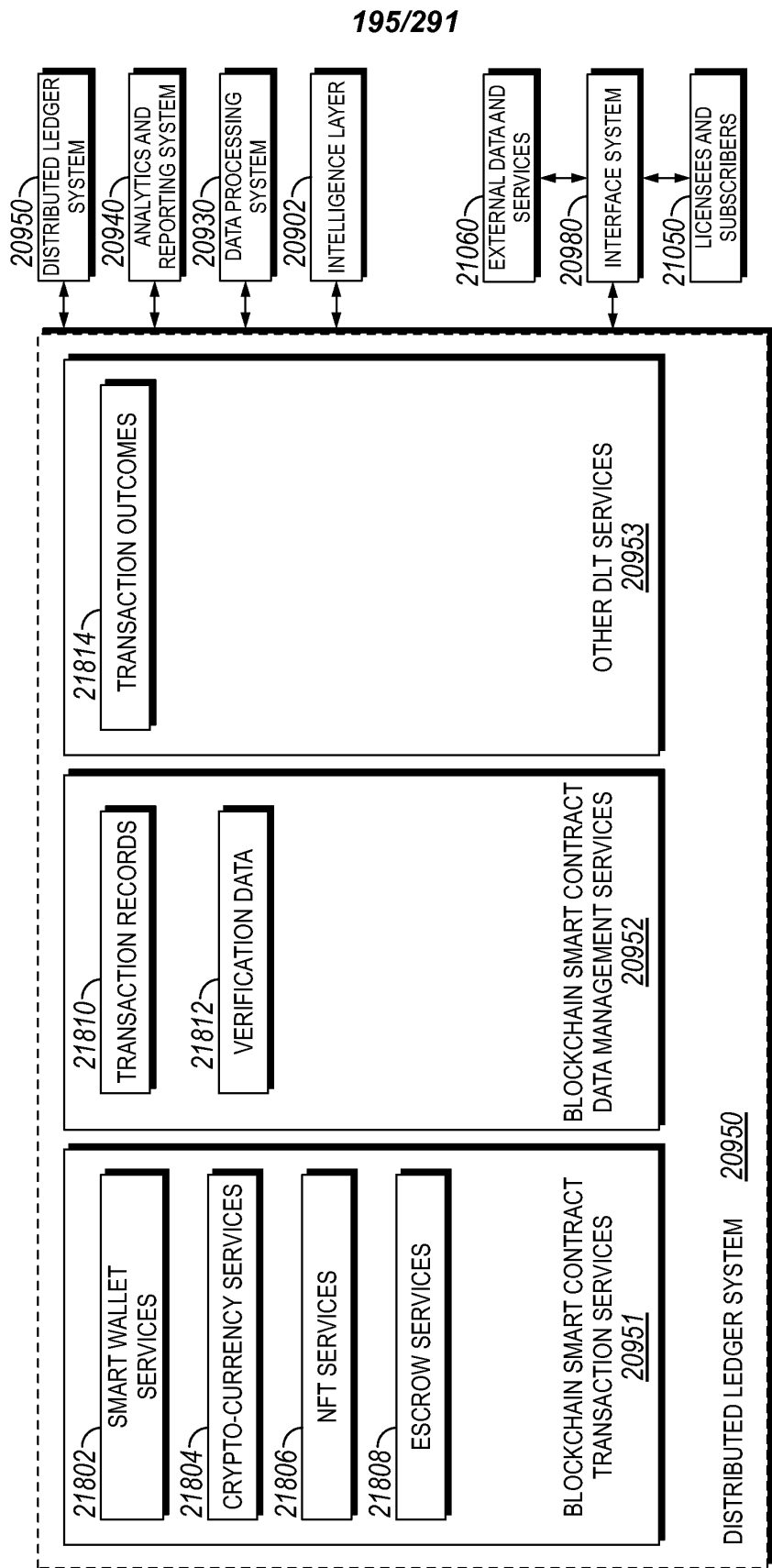


FIG. 218

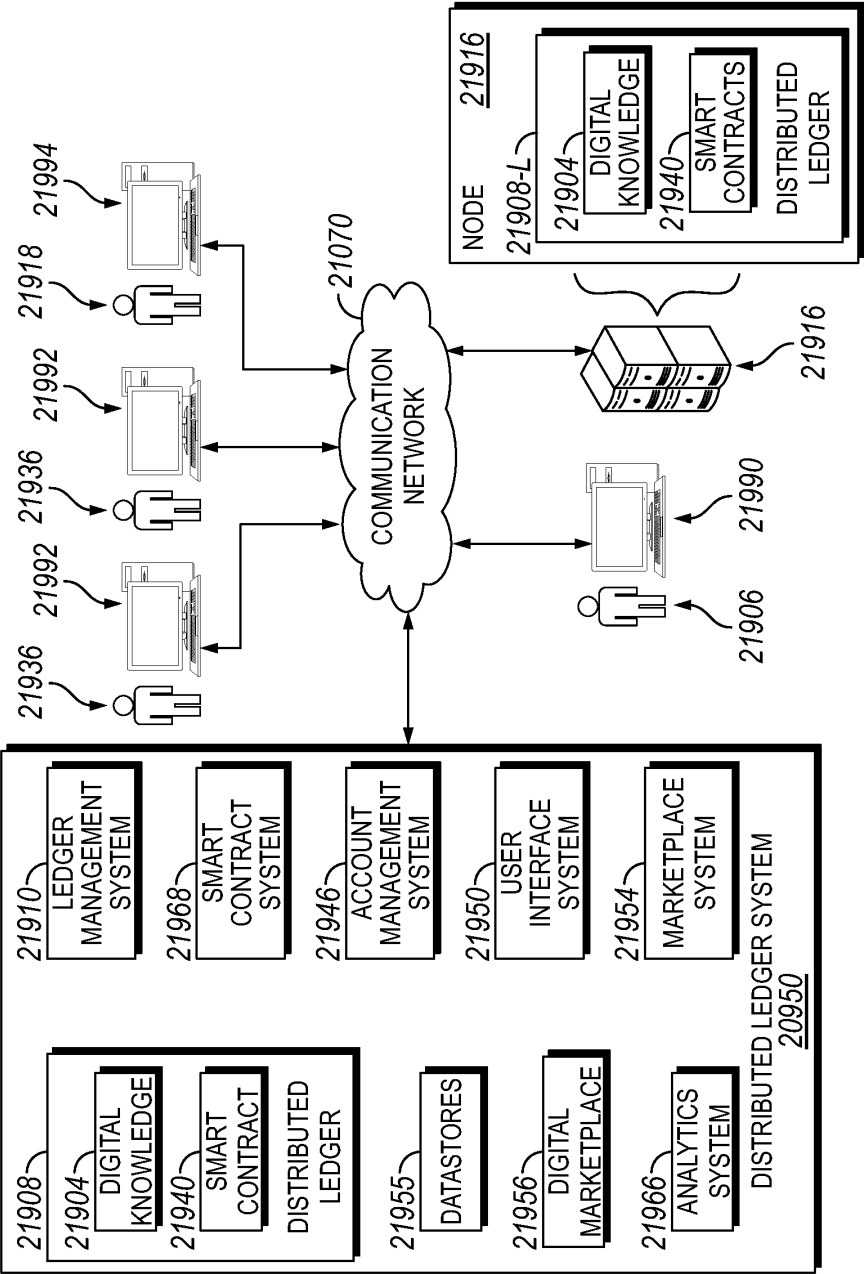


FIG. 219

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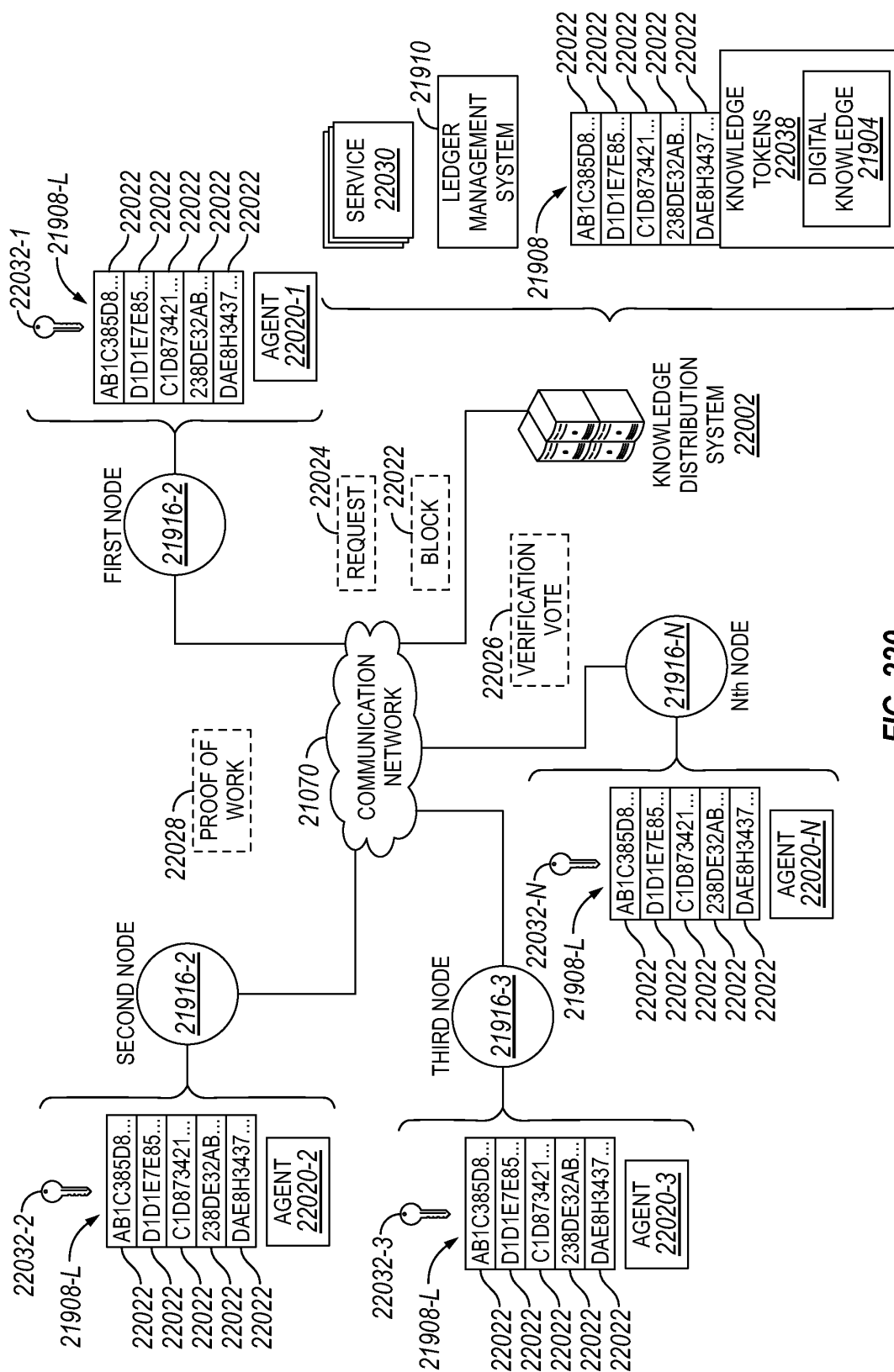
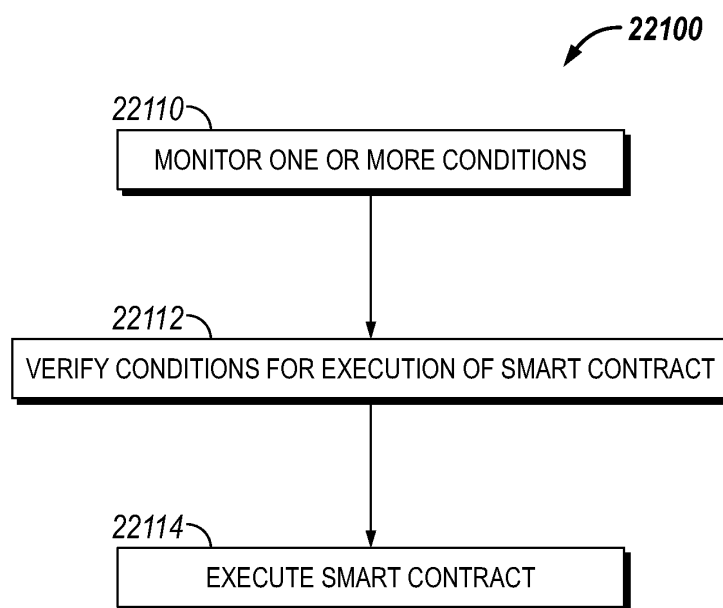


FIG. 220

198/291**FIG. 221**

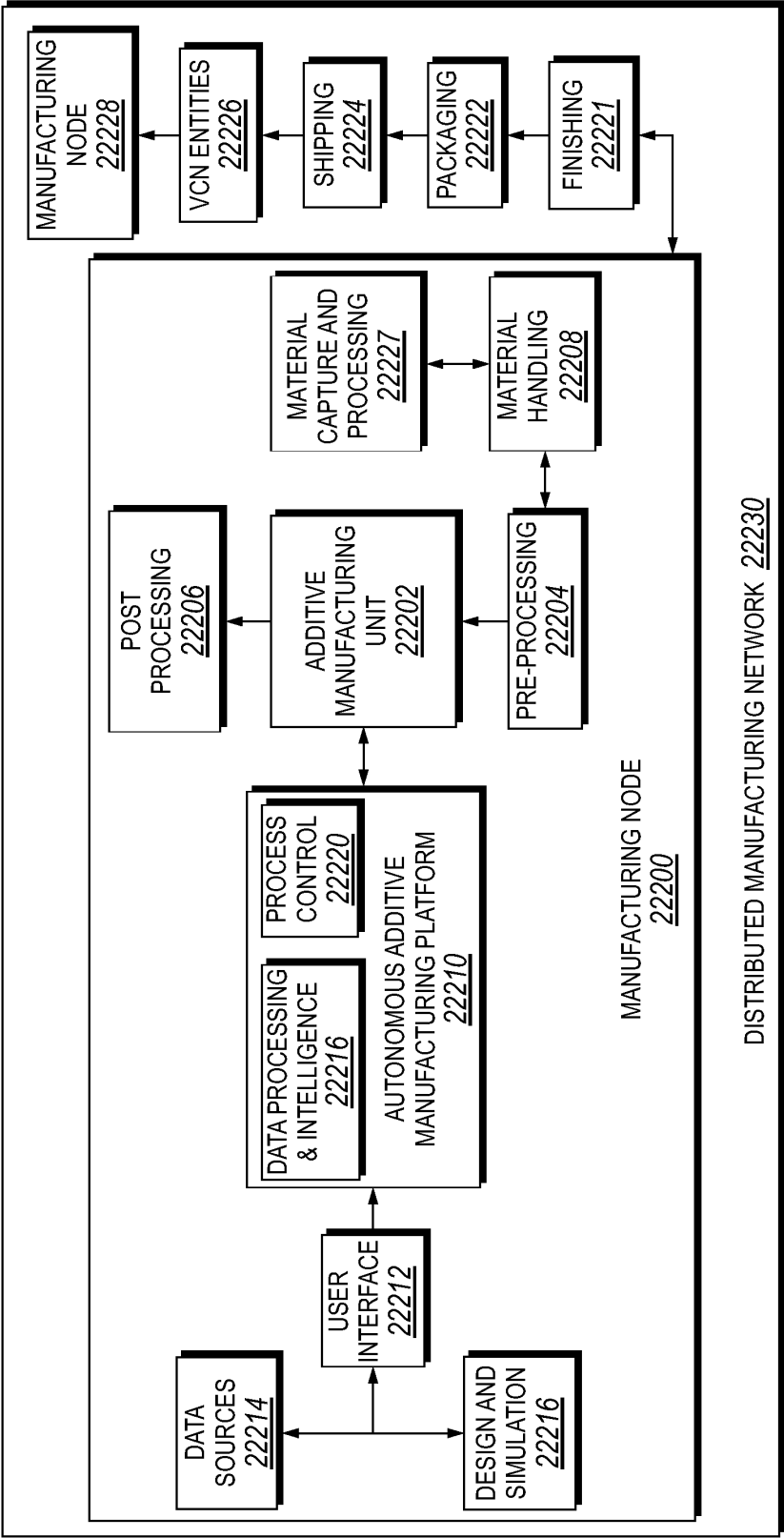


FIG. 222

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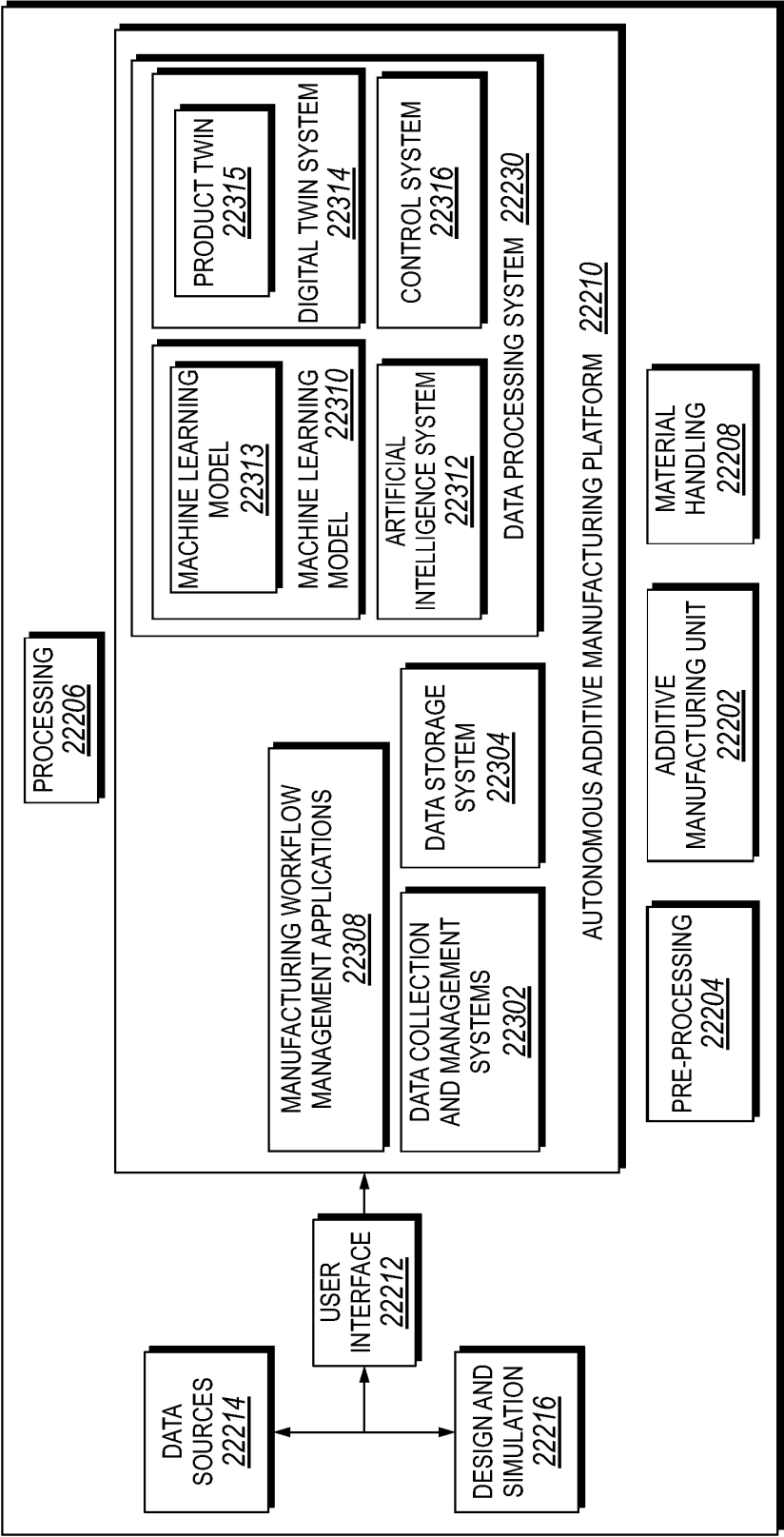


FIG. 223

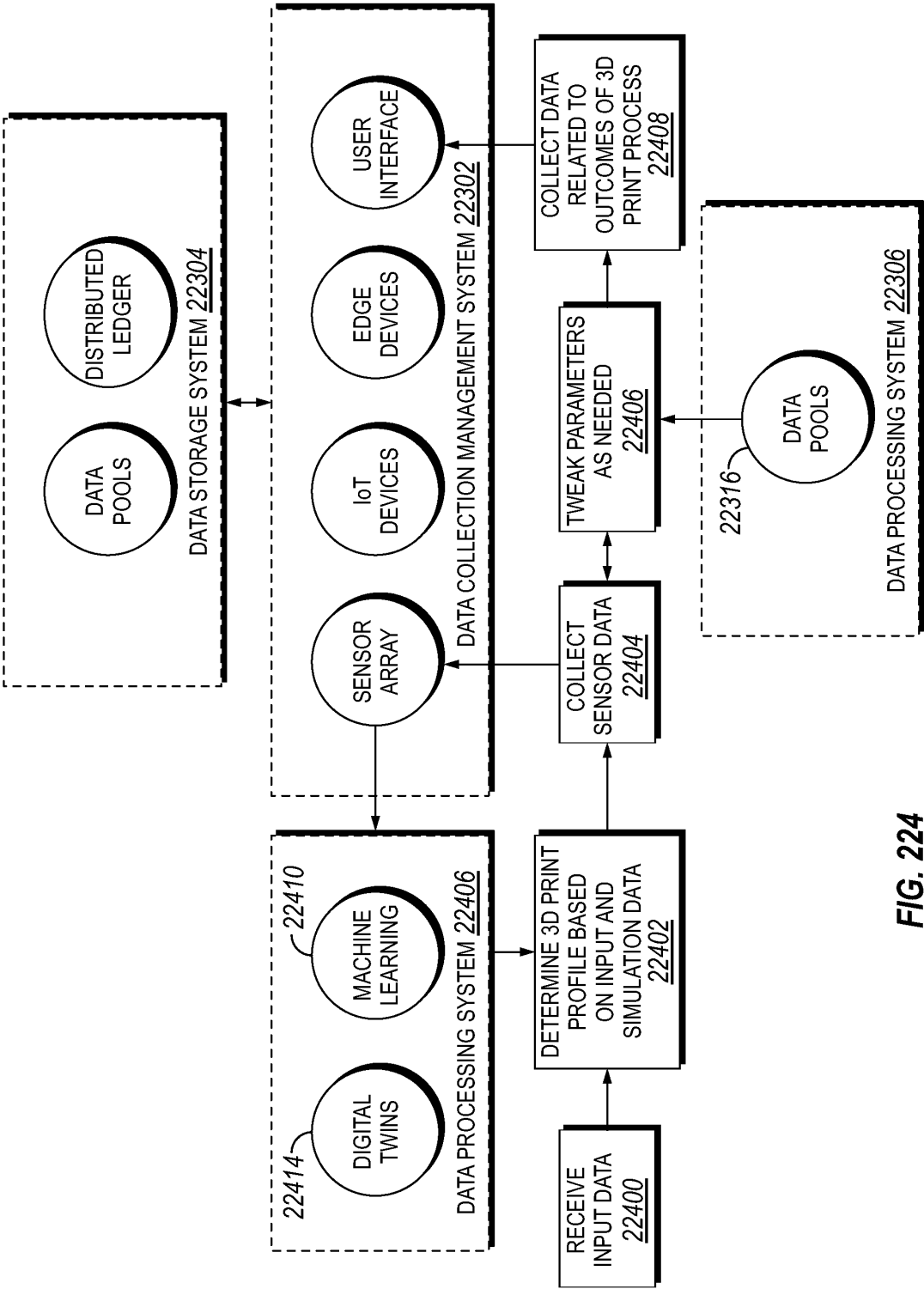
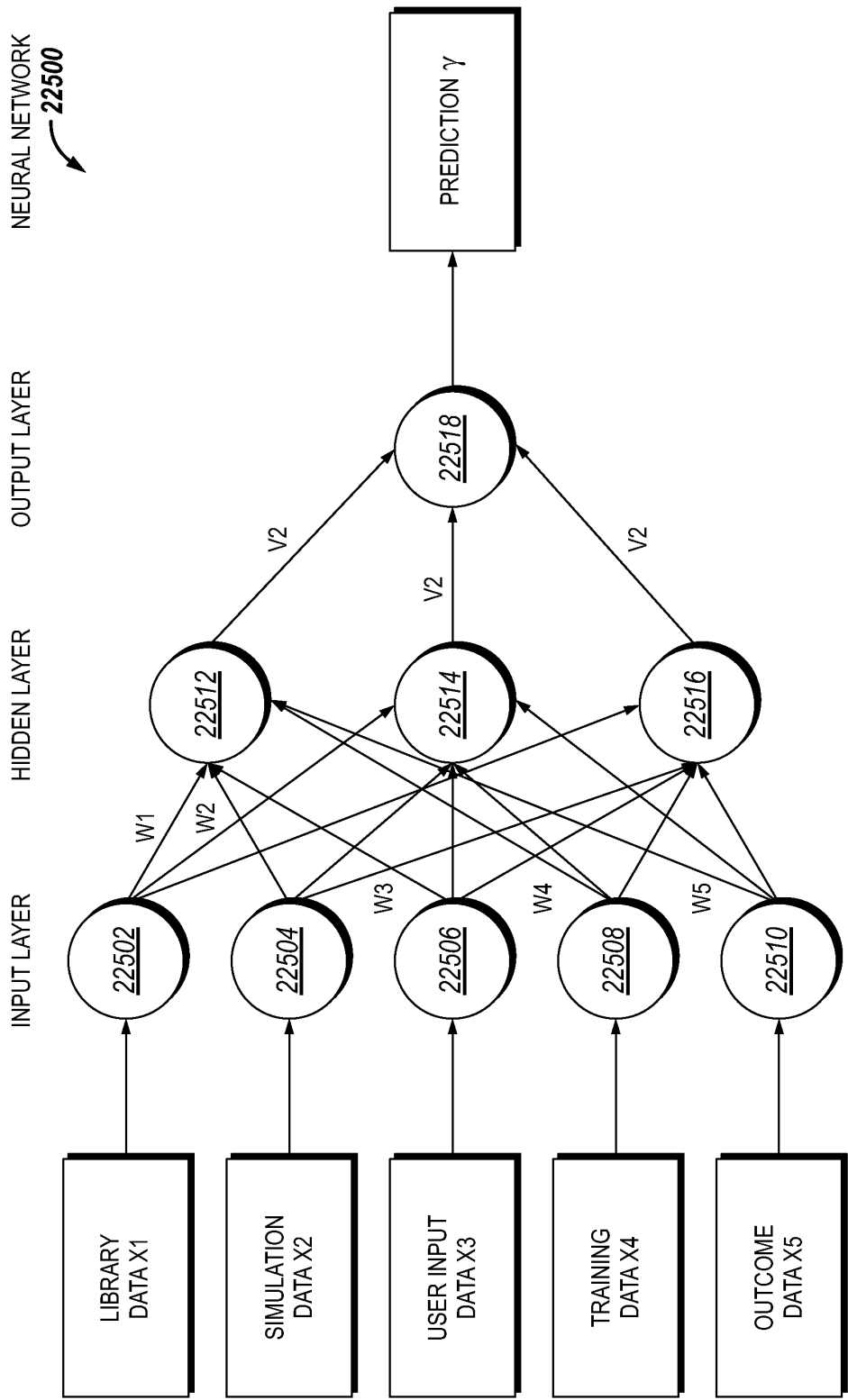


FIG. 224

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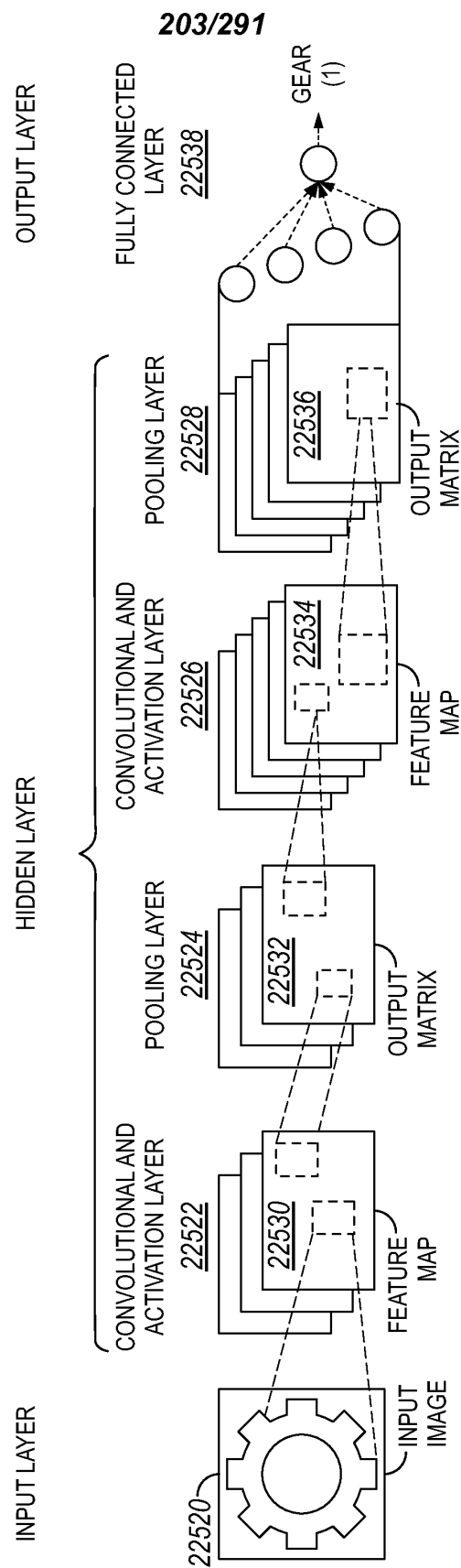


FIG. 225B

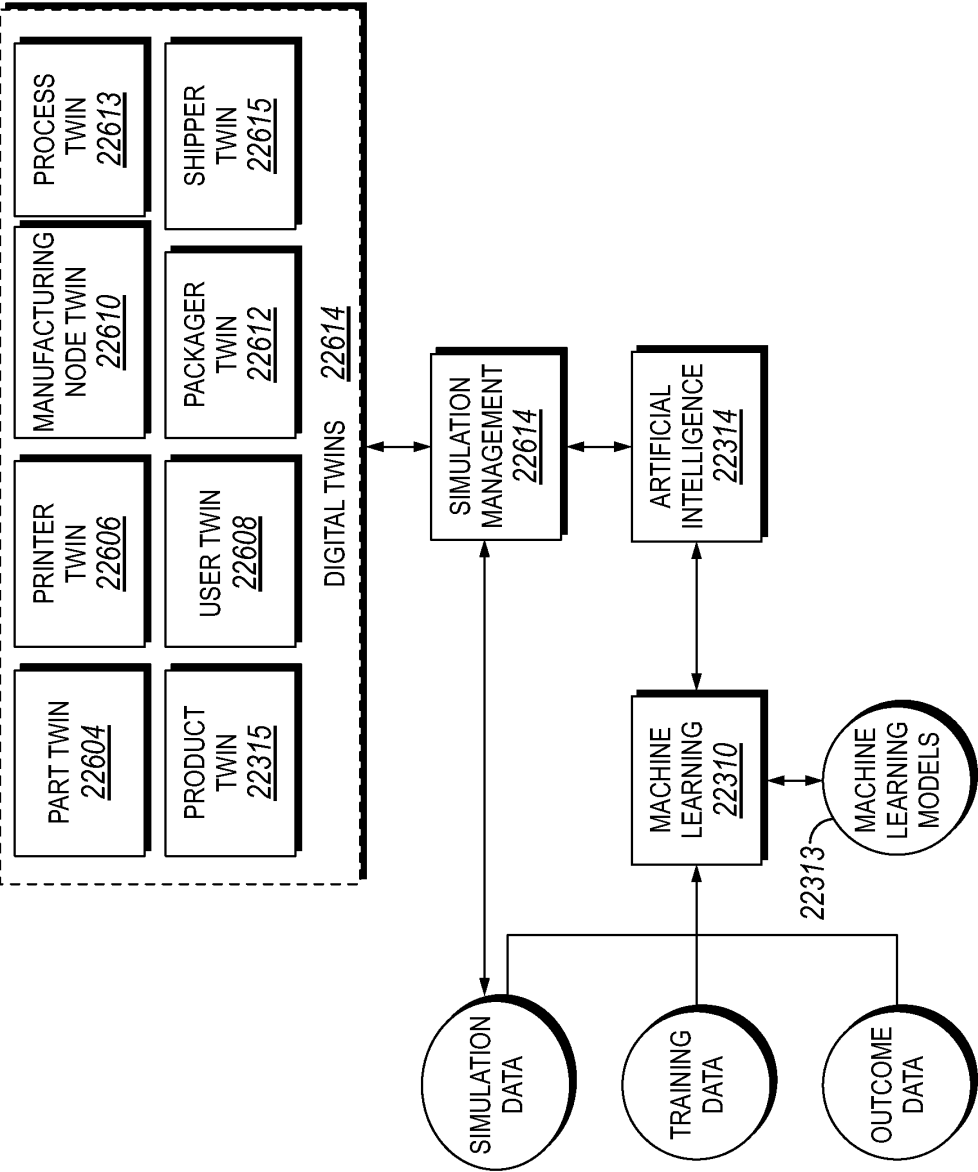


FIG. 226

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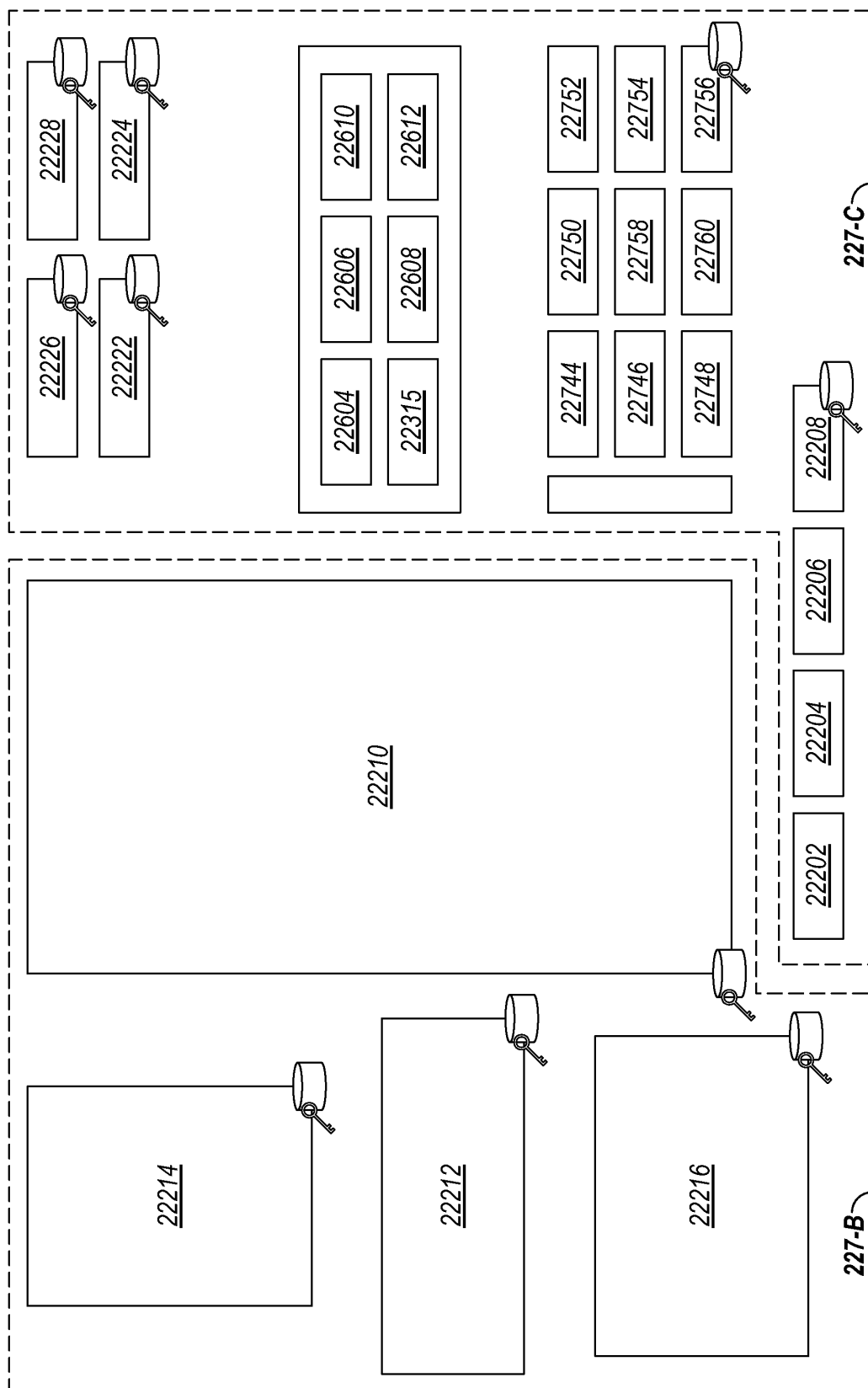


FIG. 227-A

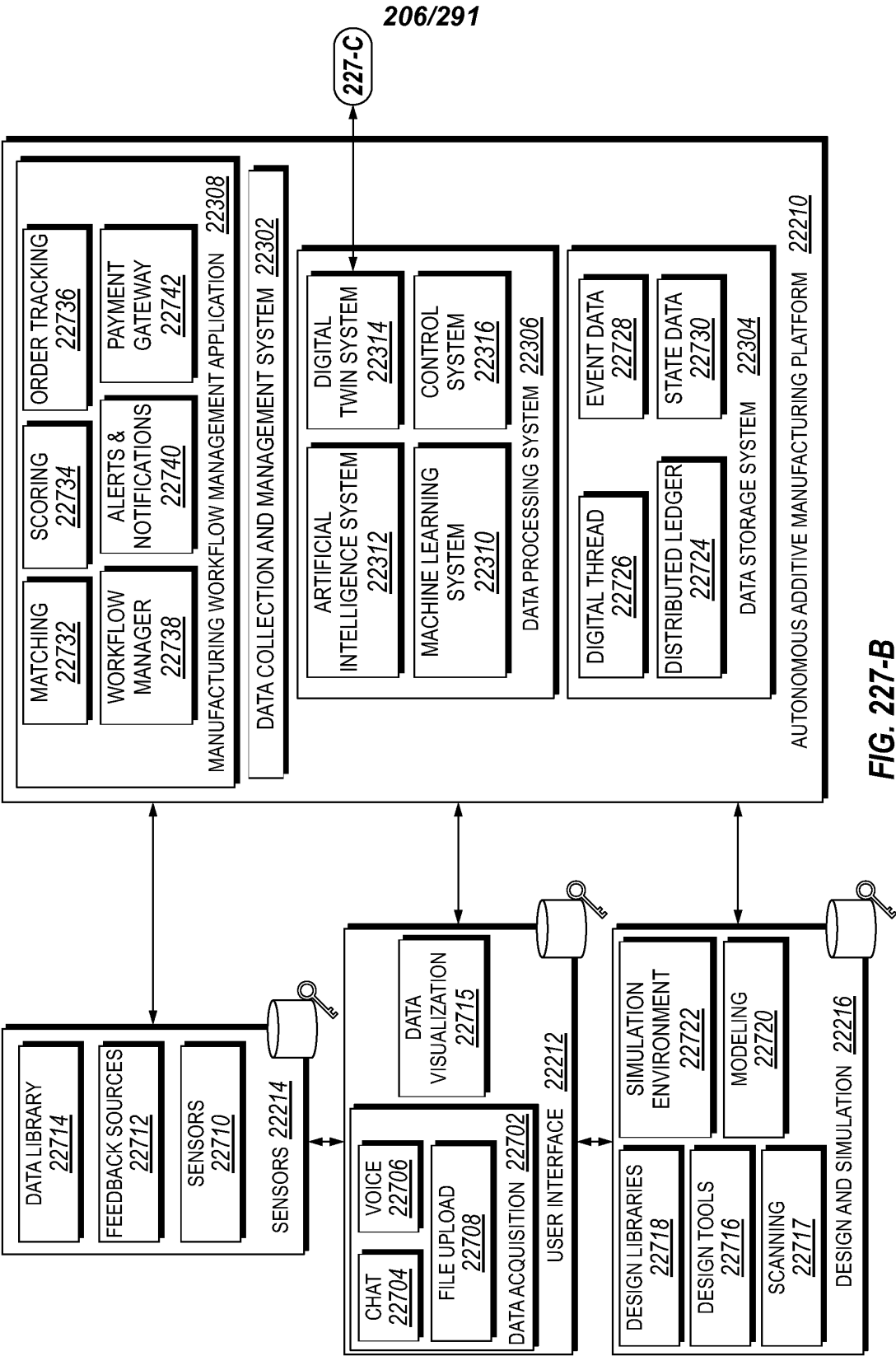
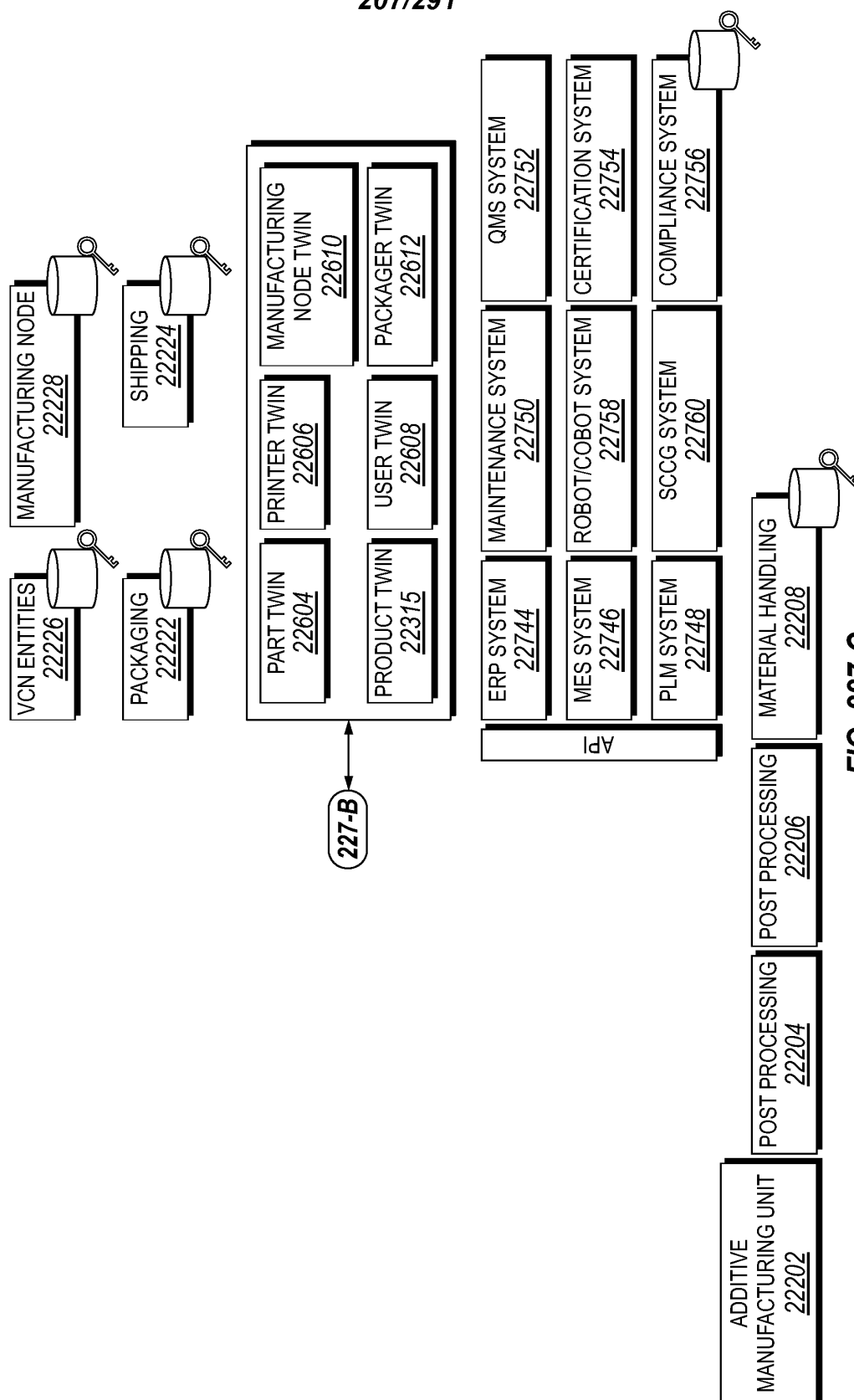


FIG. 227-B

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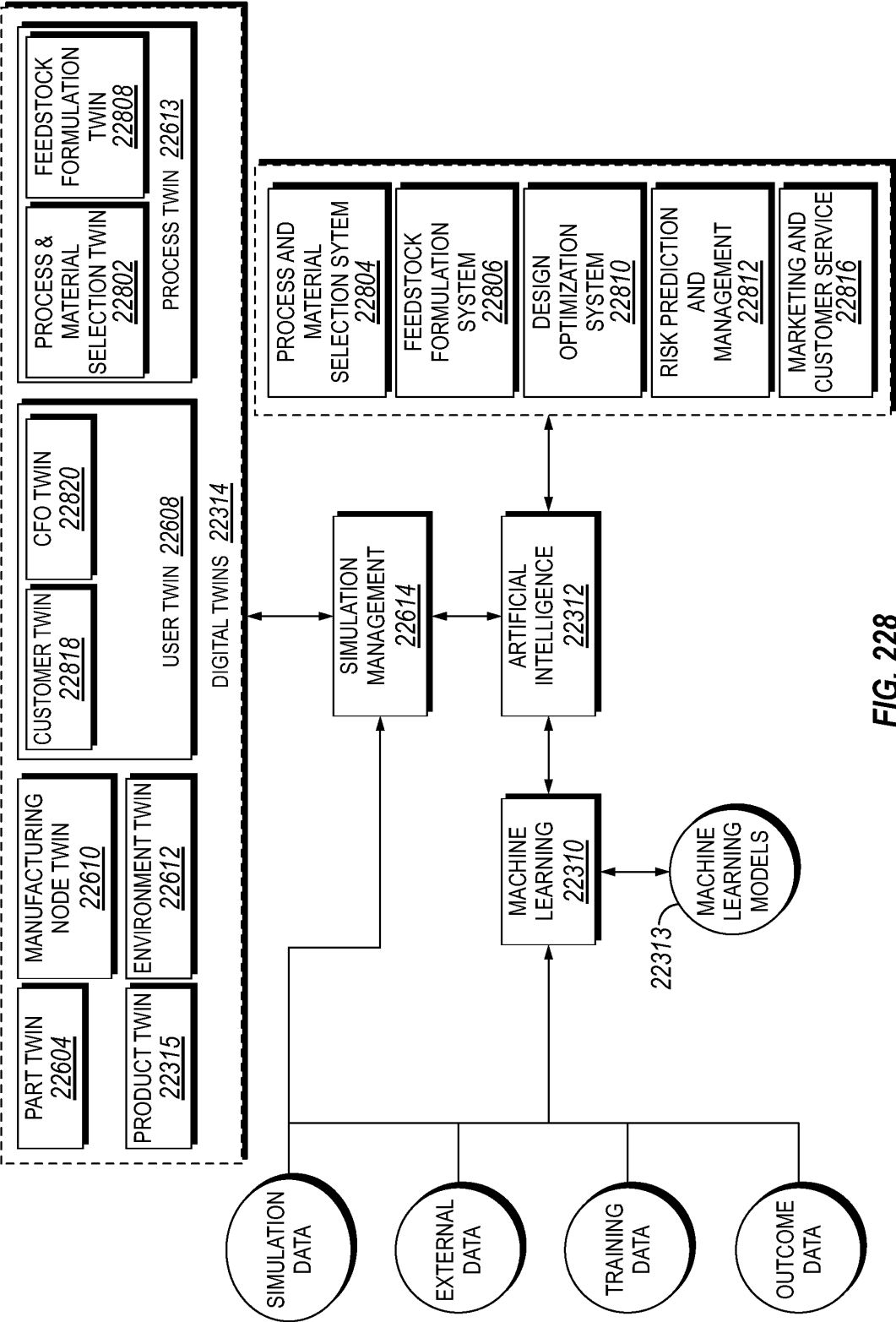


FIG. 228

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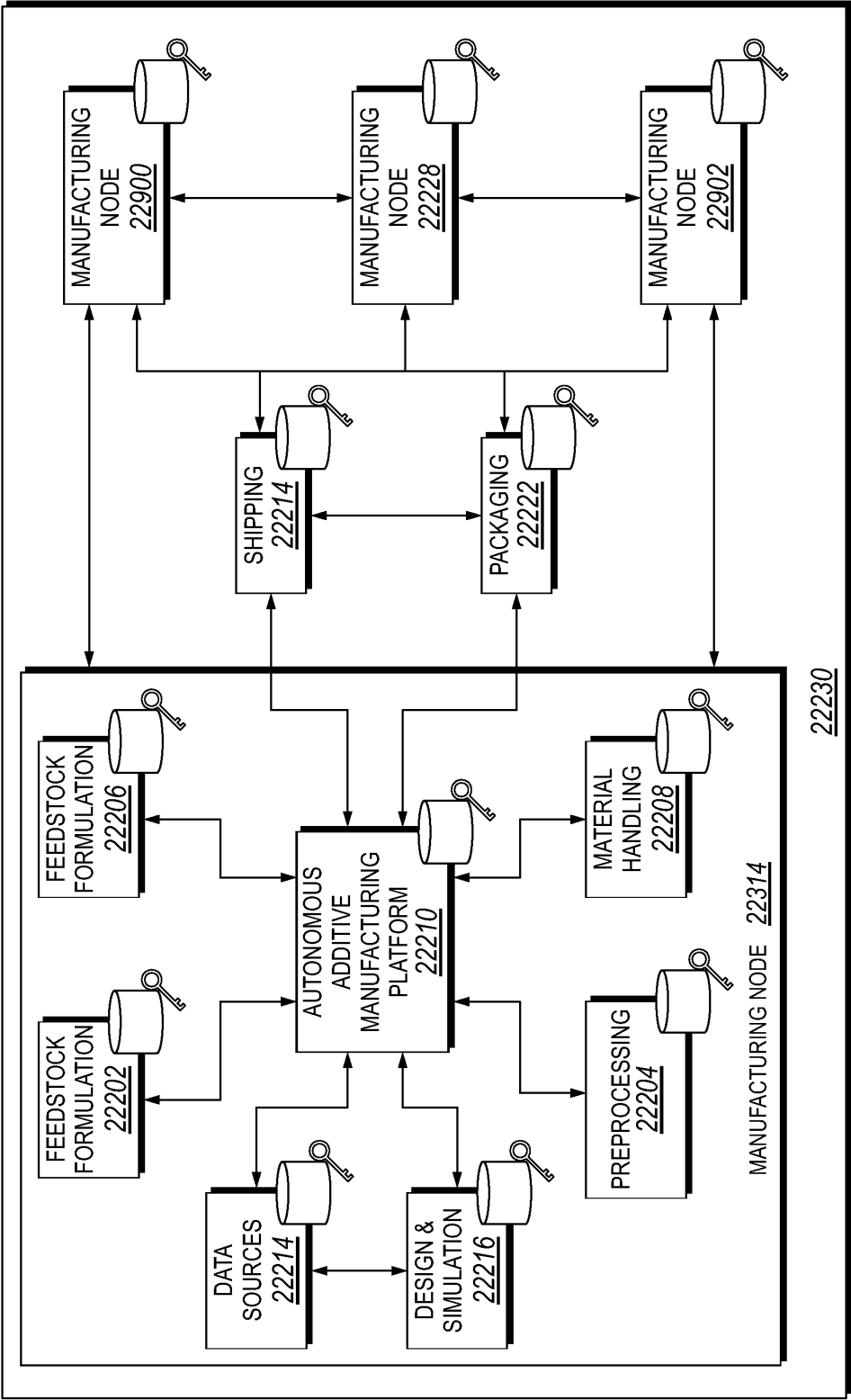


FIG. 229

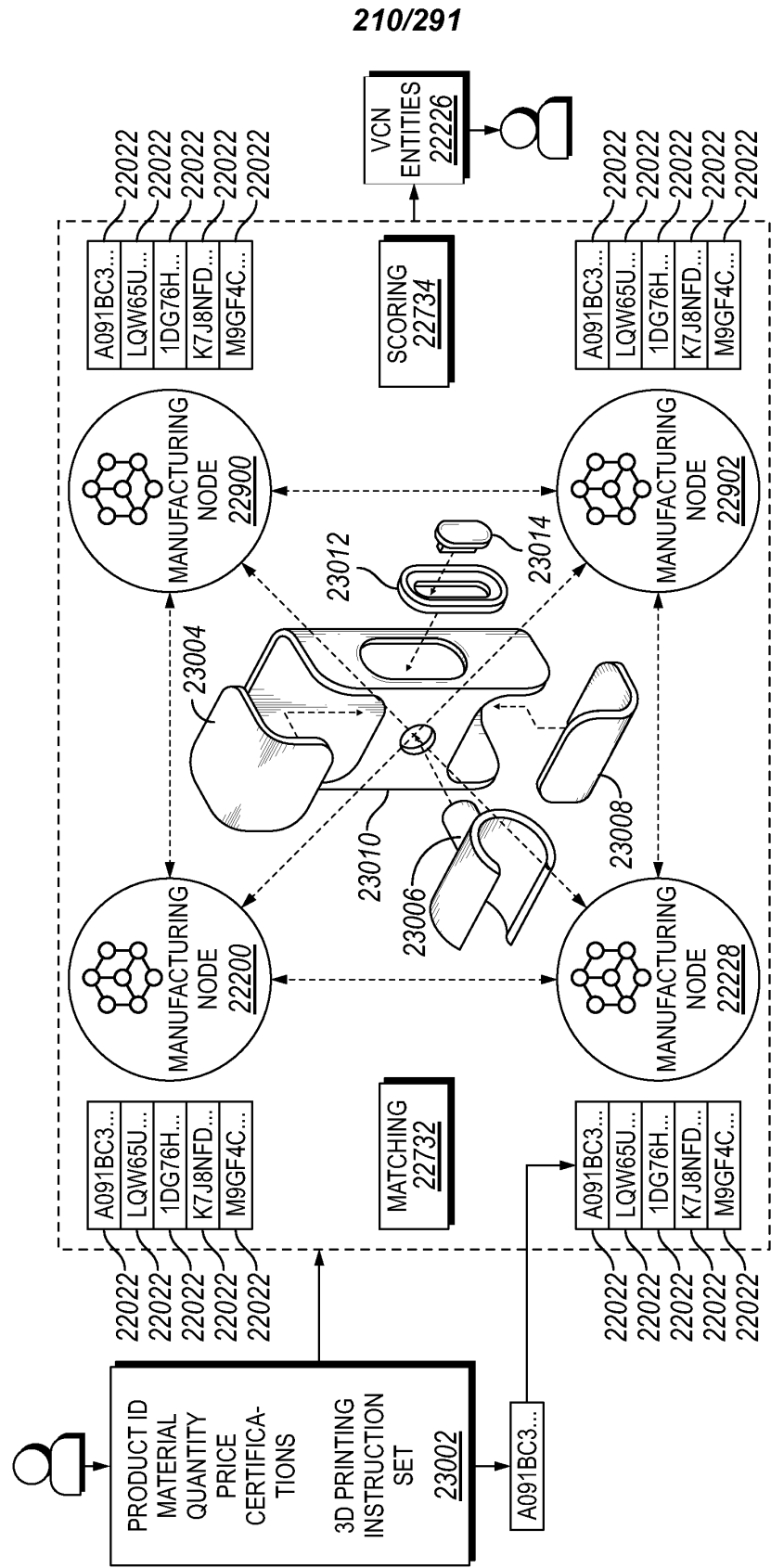


FIG. 230

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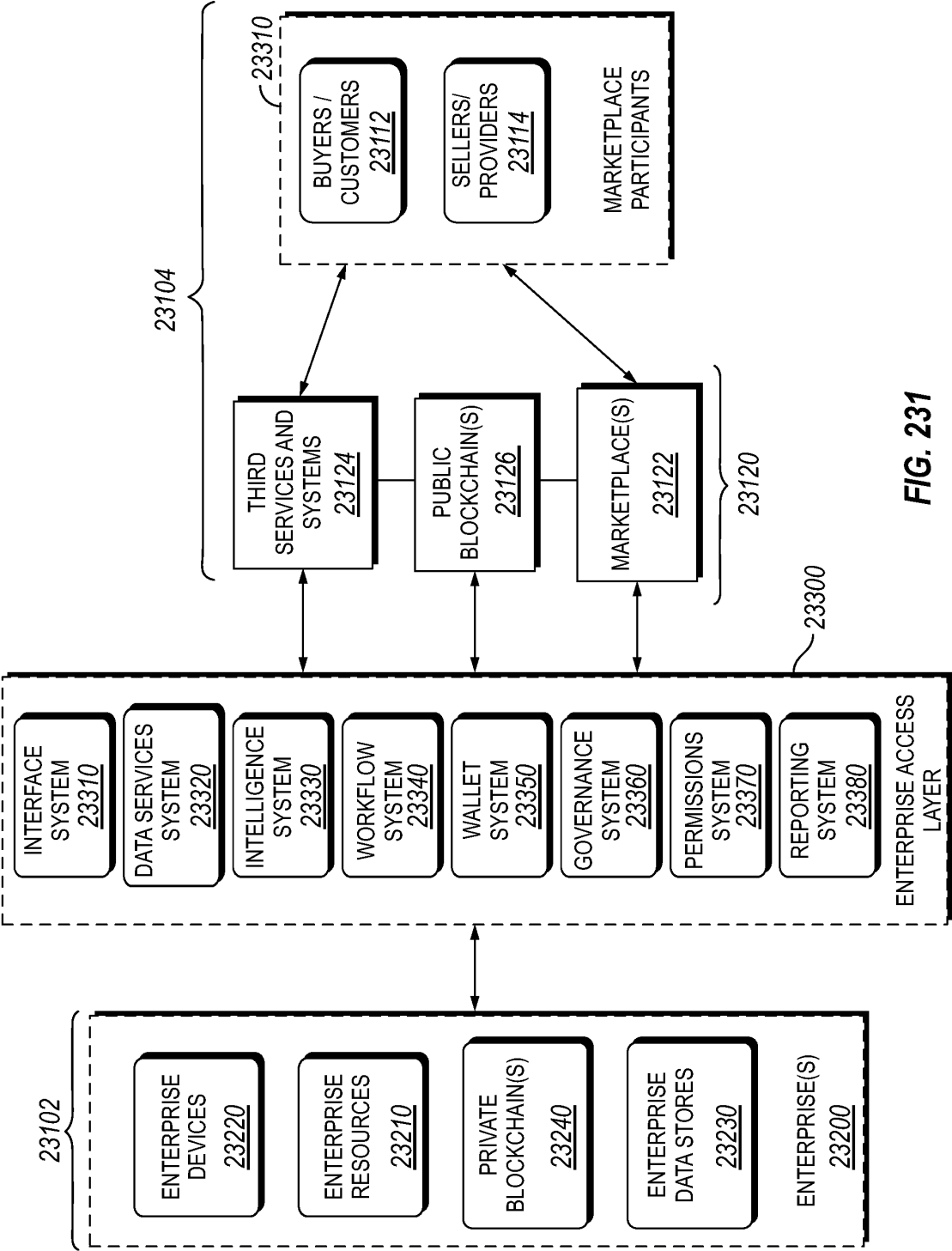
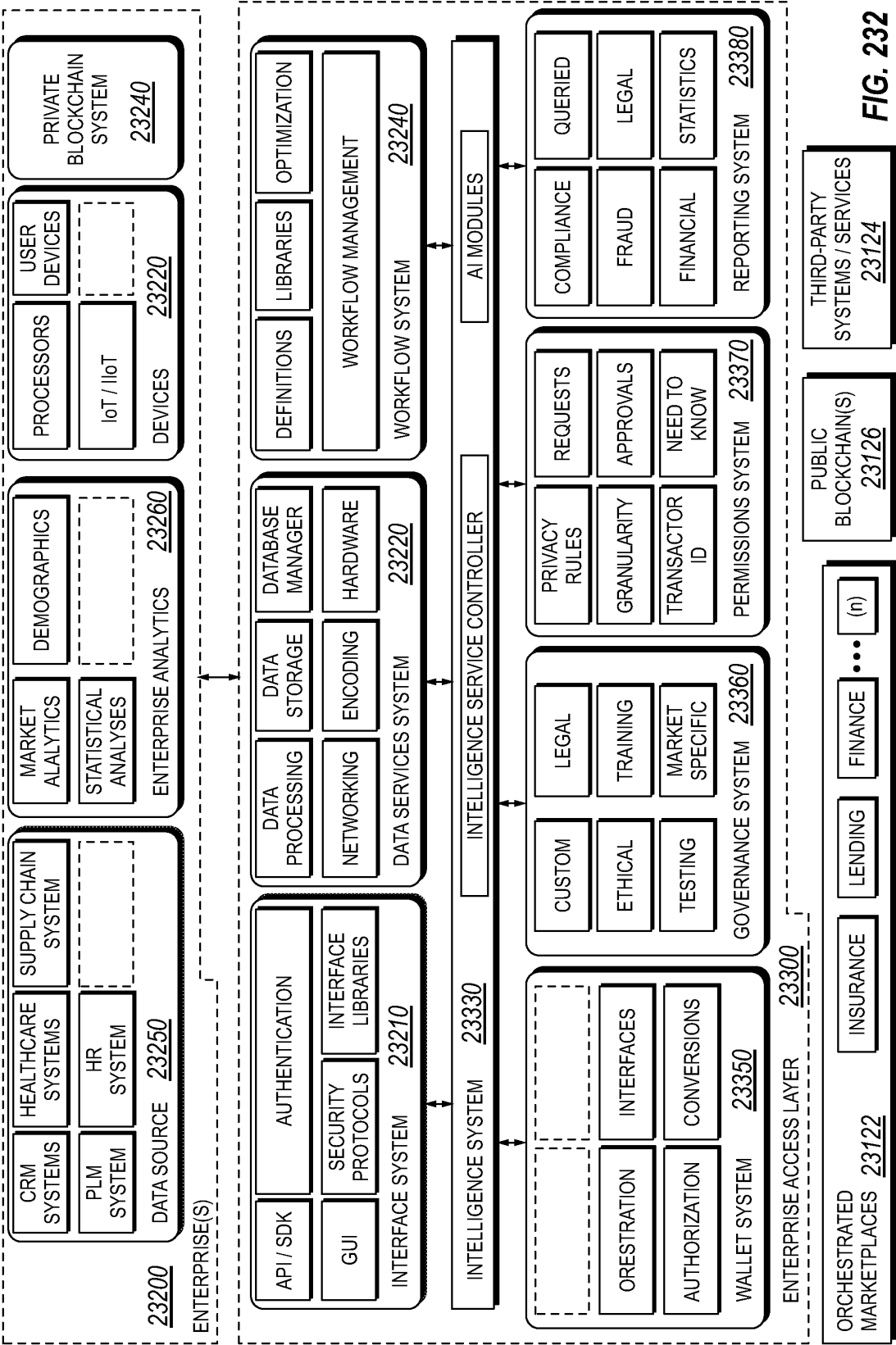


FIG. 231

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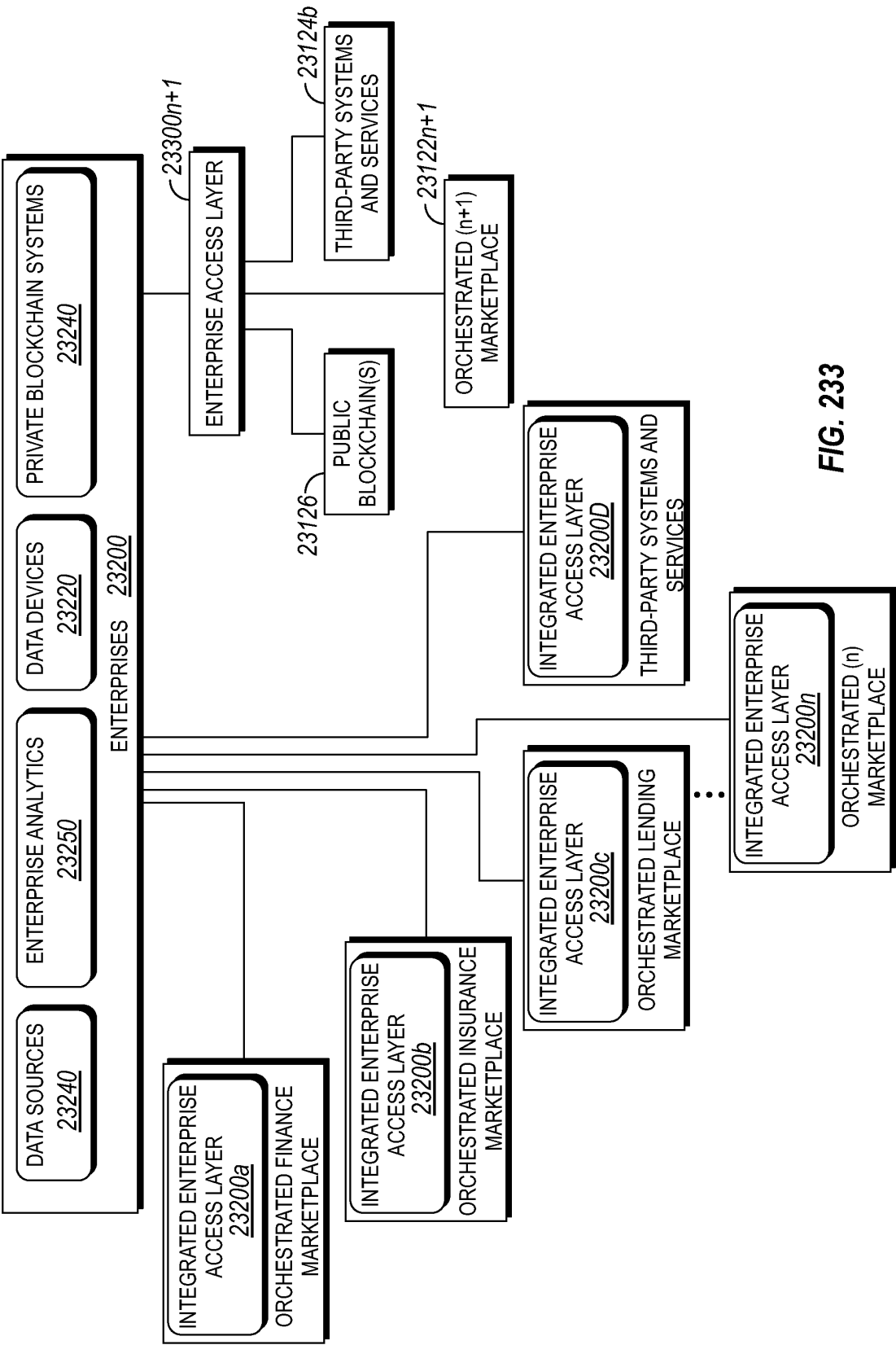


FIG. 233

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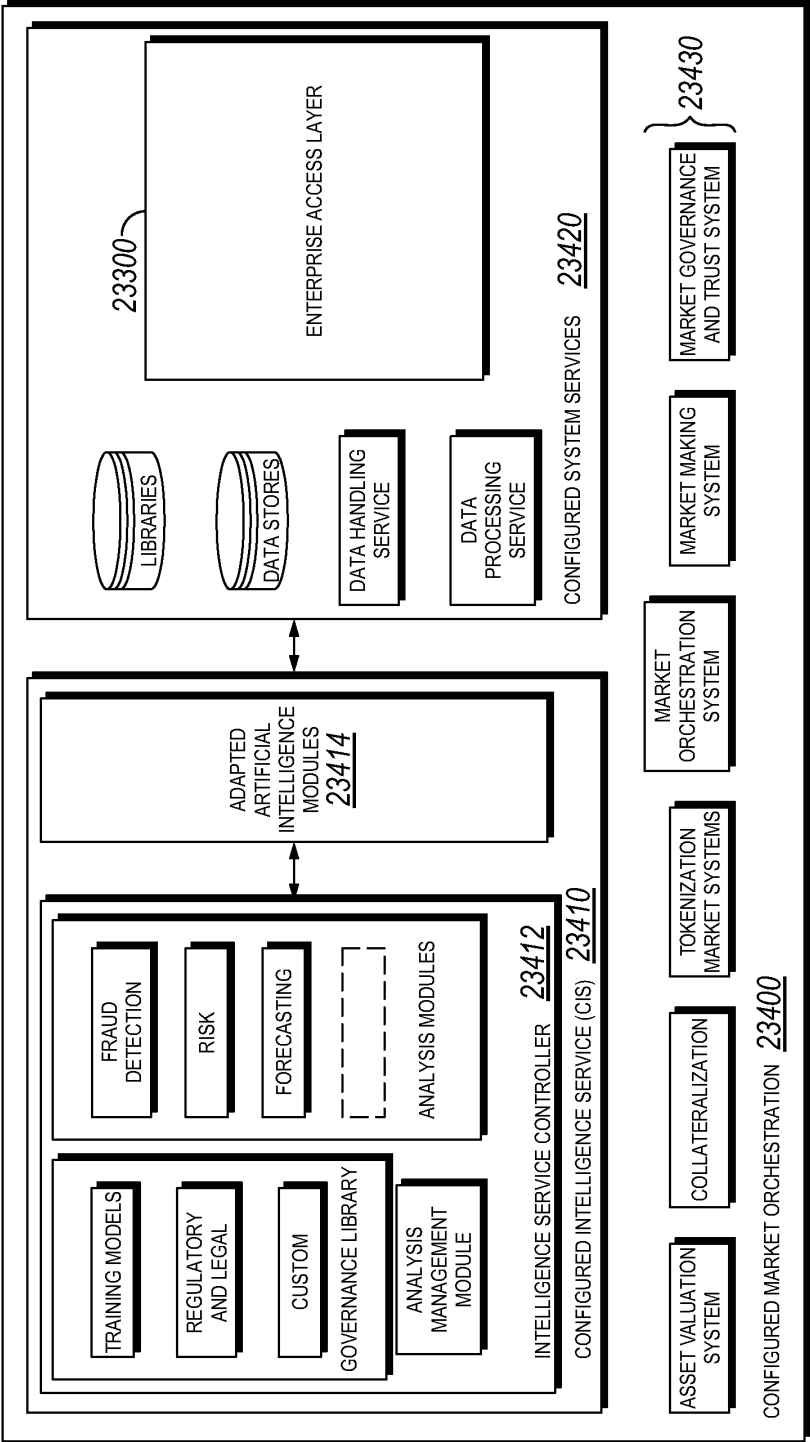


FIG. 234

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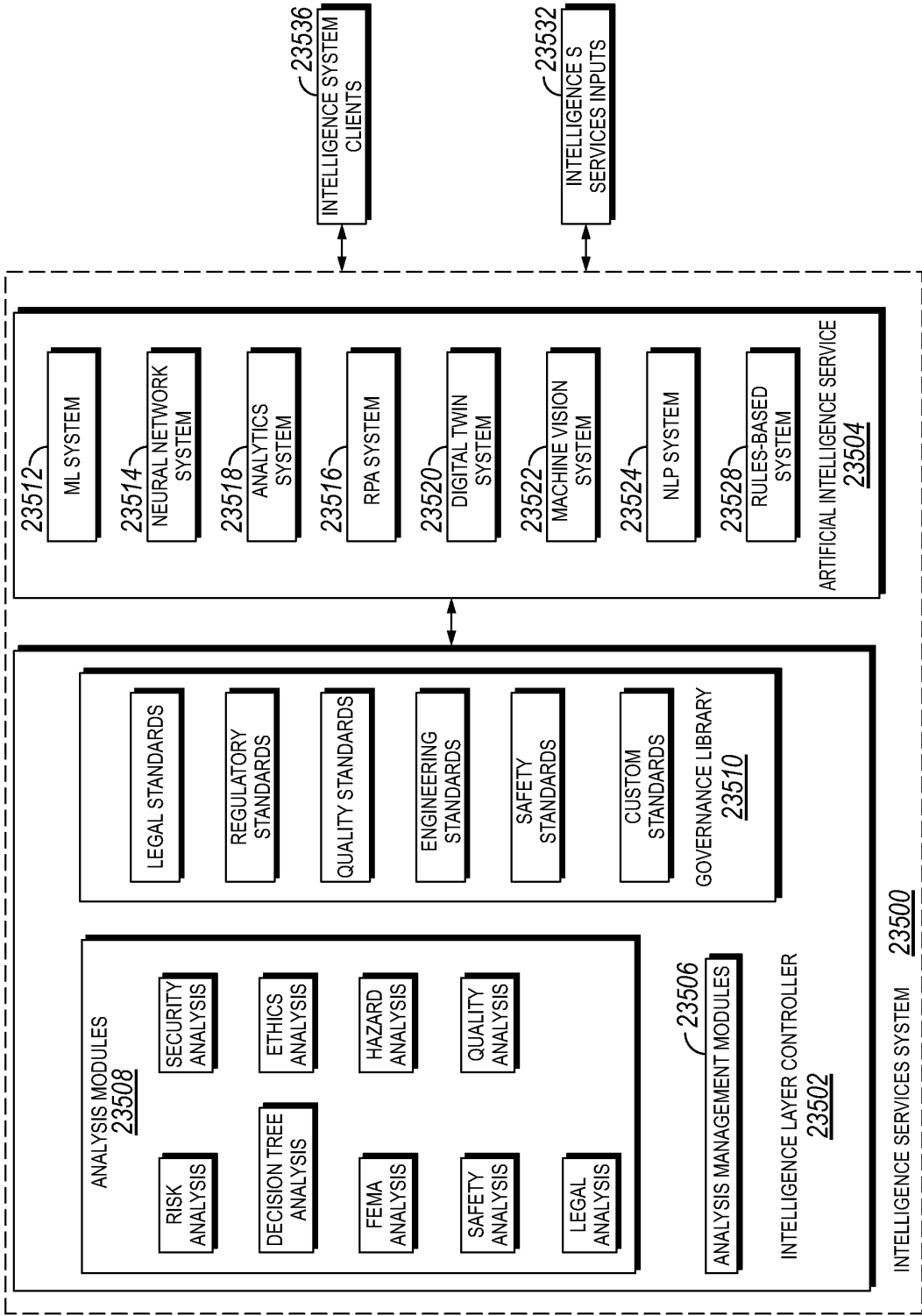


FIG. 235

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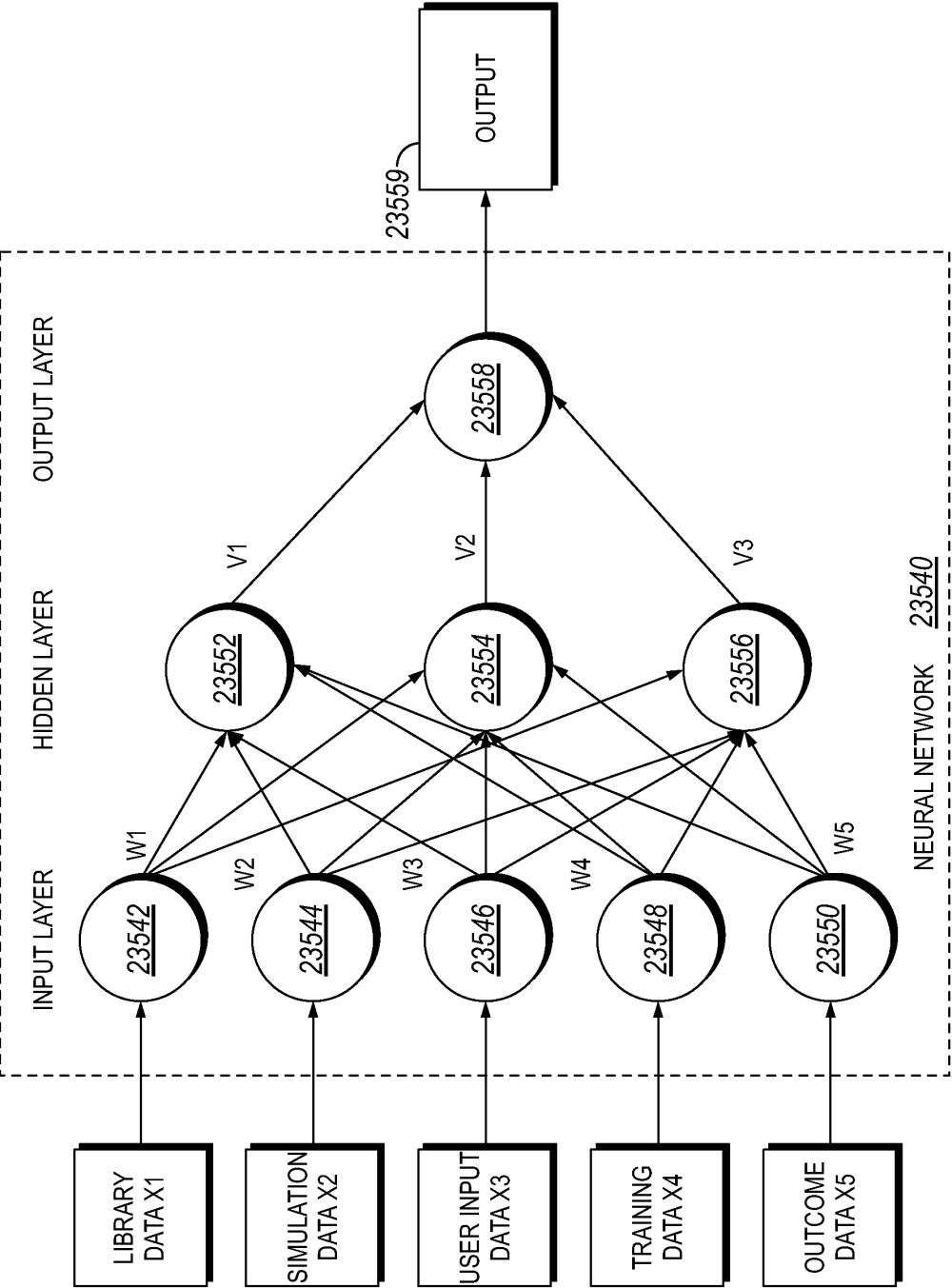


FIG. 236

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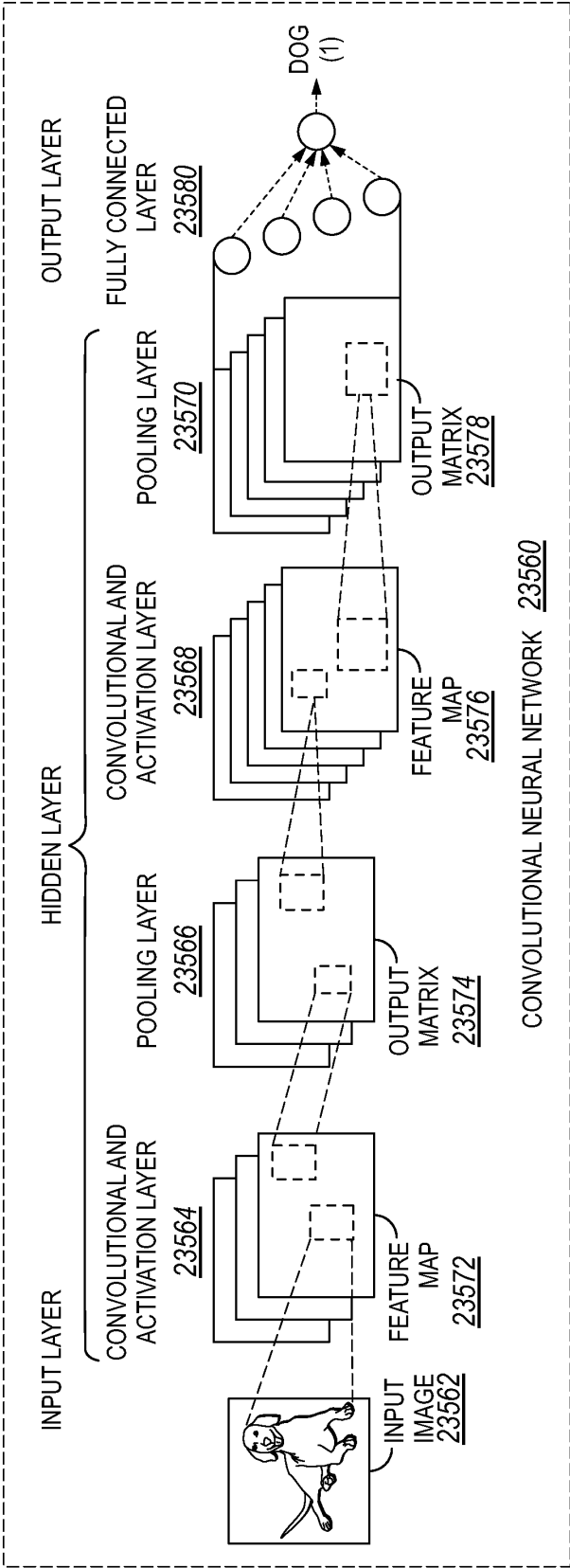


FIG. 237

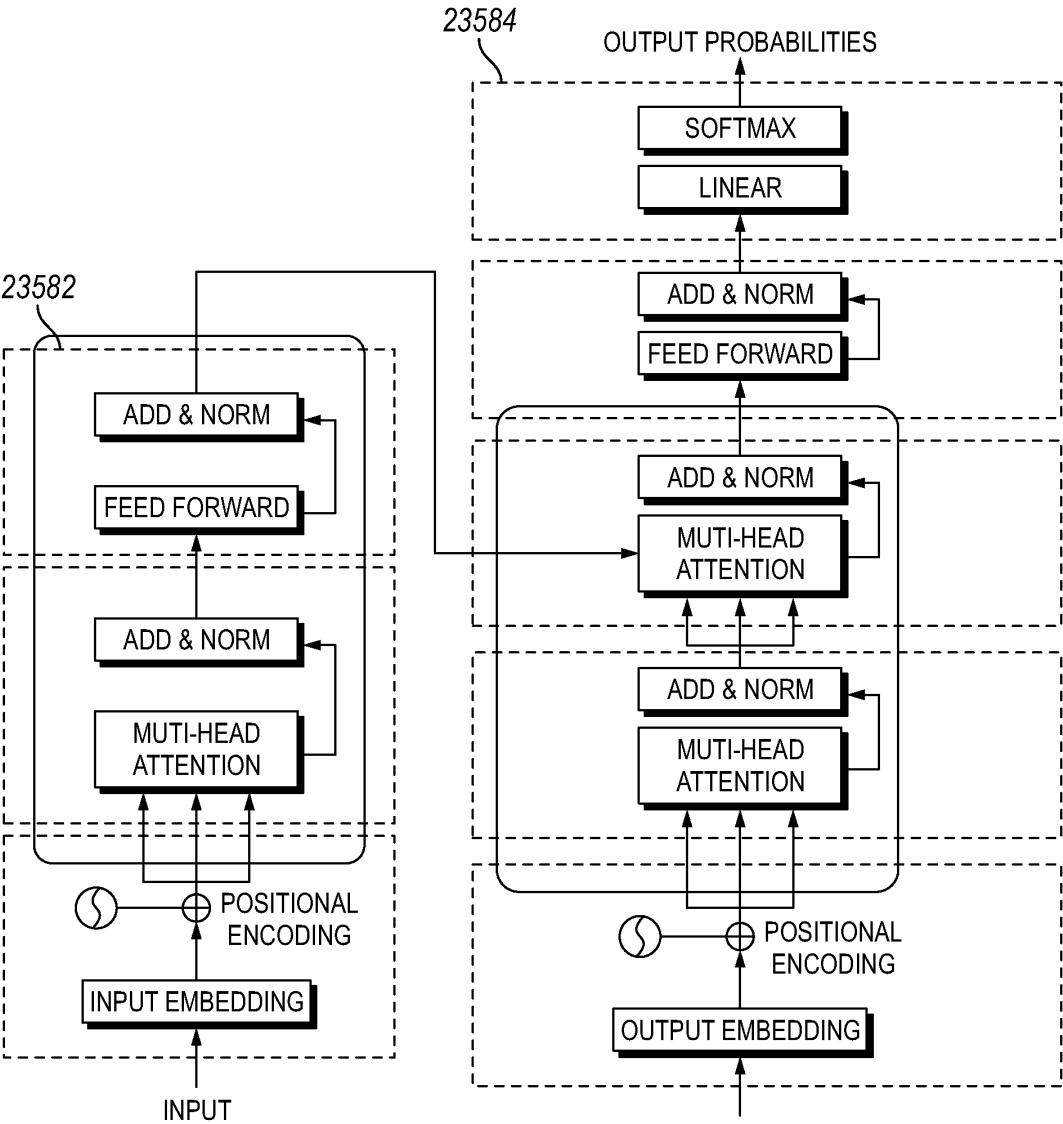


FIG. 238

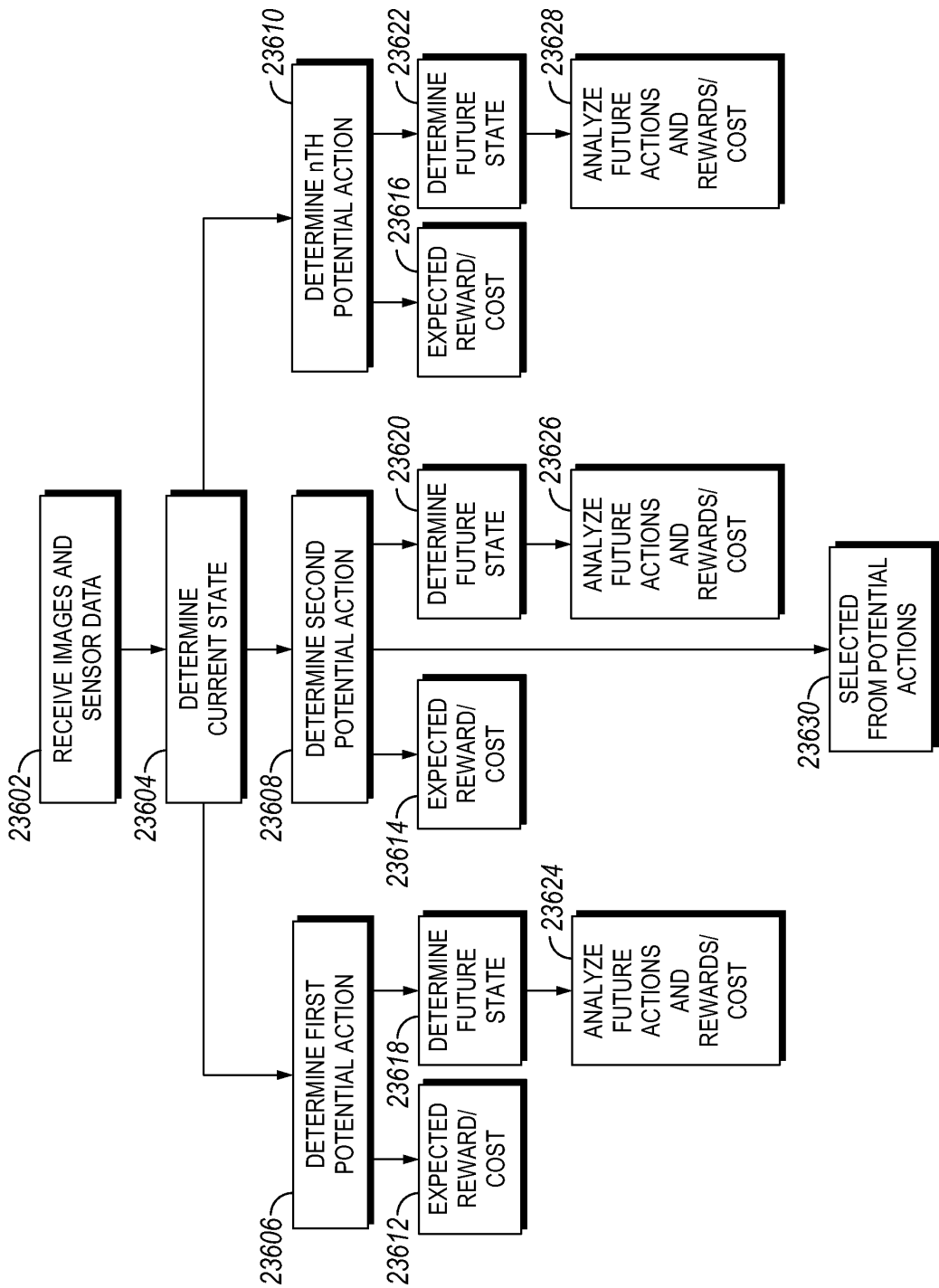


FIG. 239

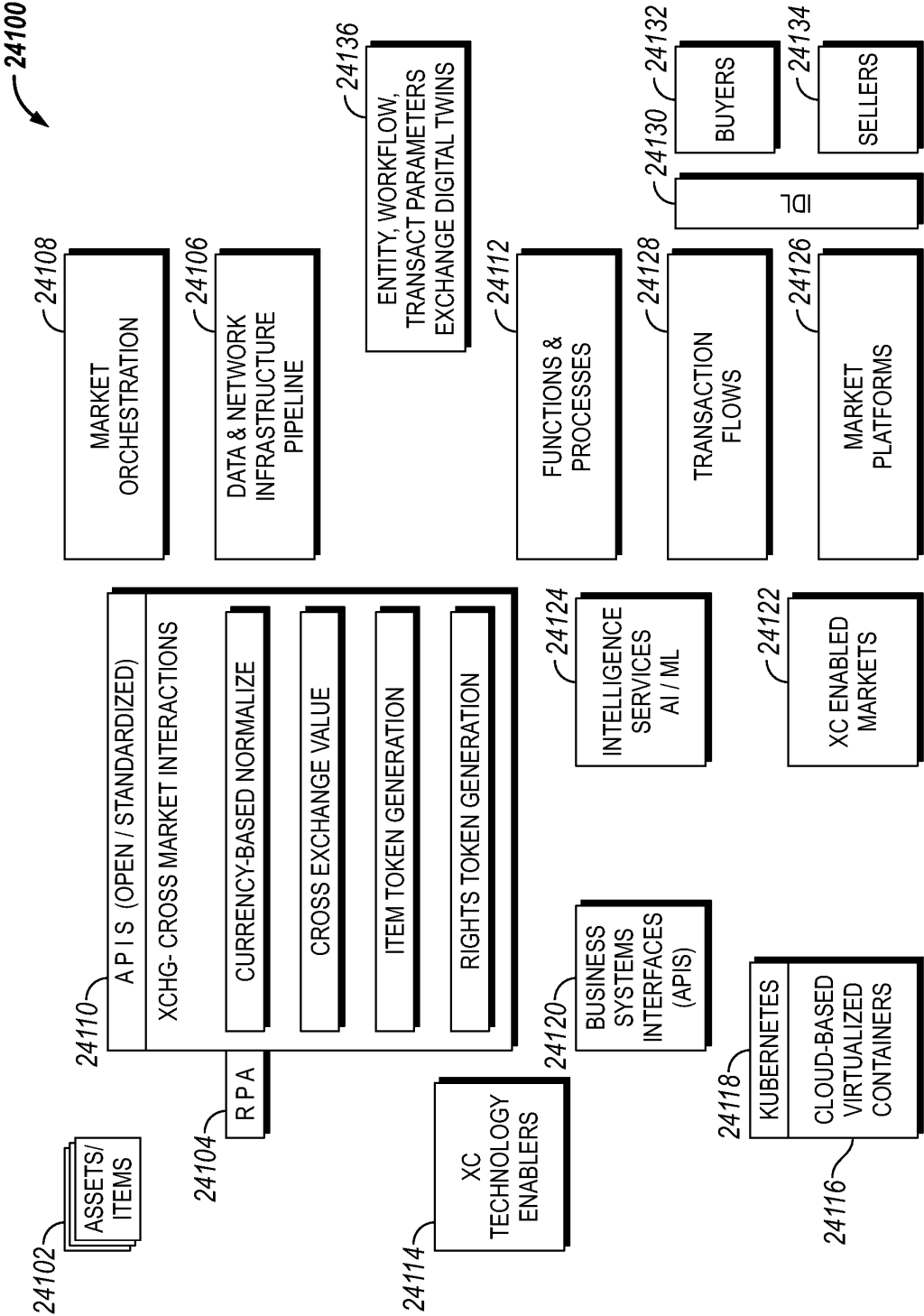


FIG. 240

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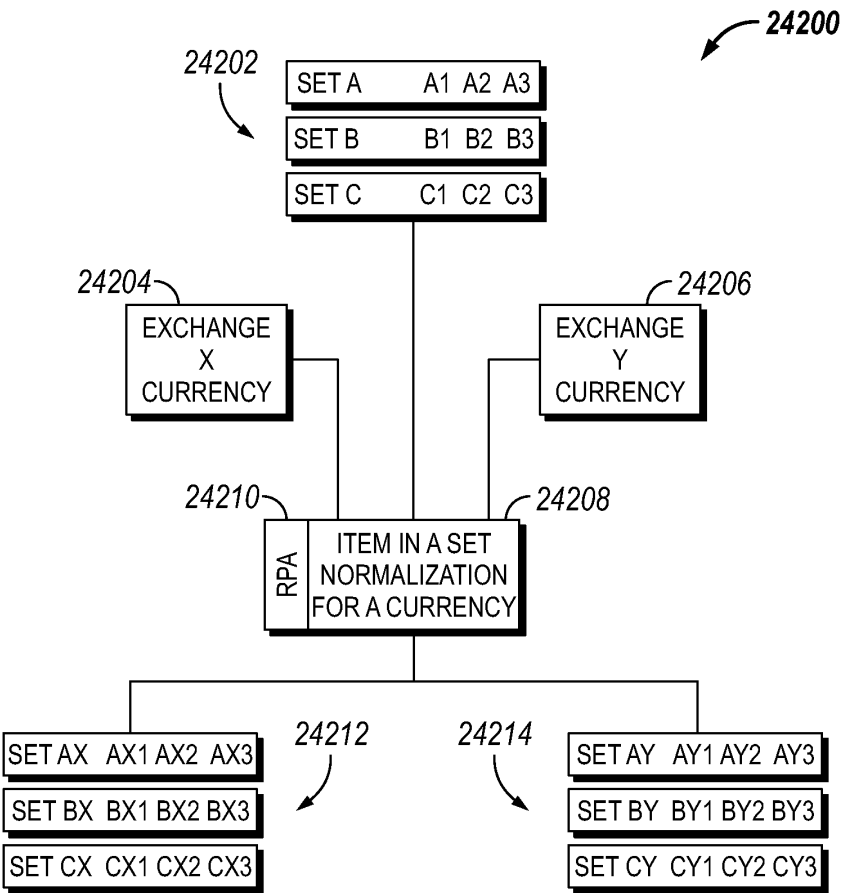


FIG. 241

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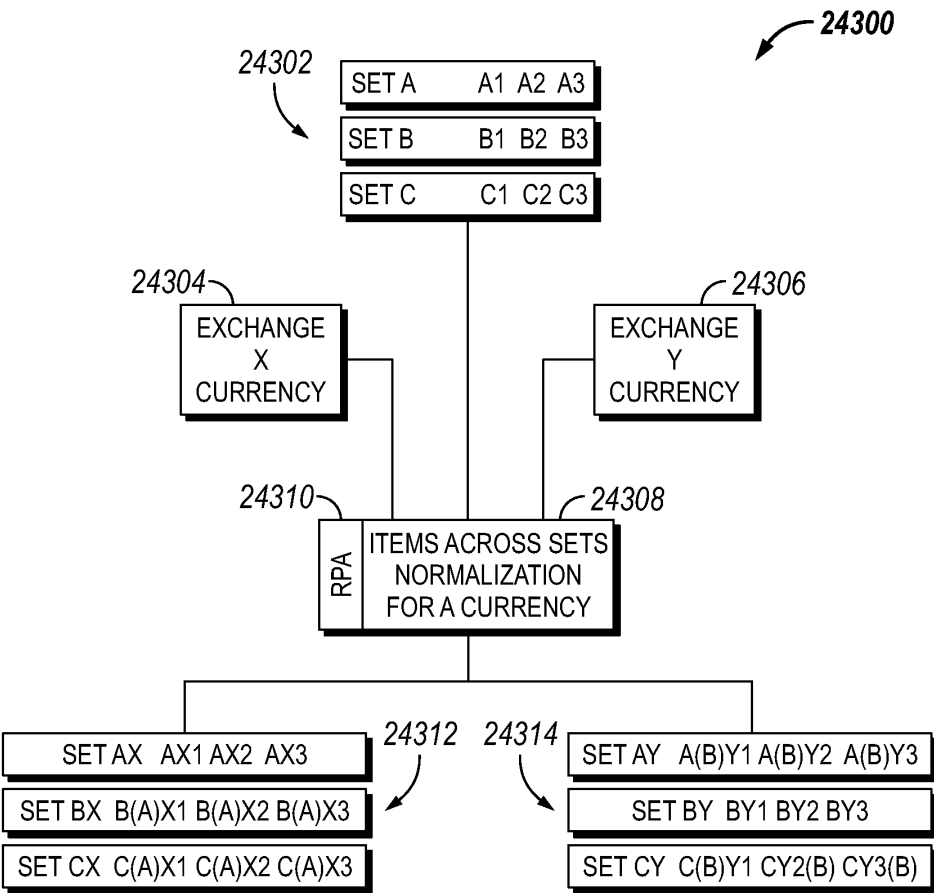


FIG. 242

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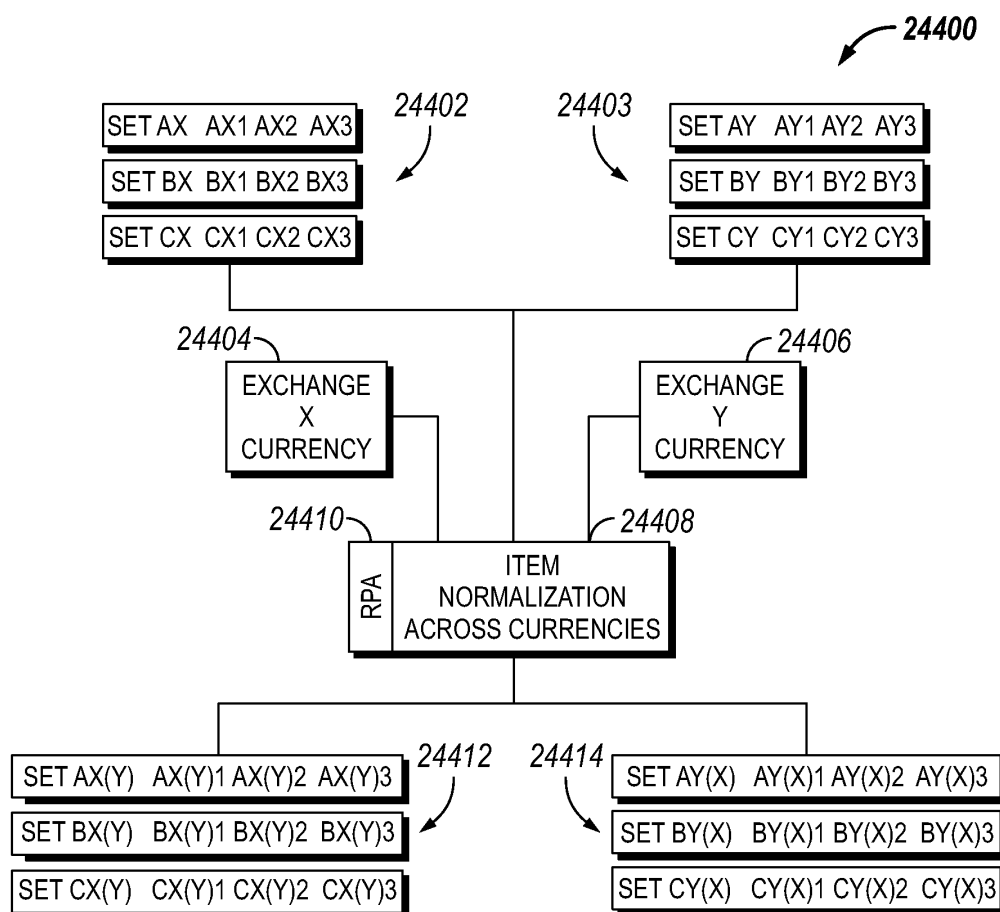


FIG. 243

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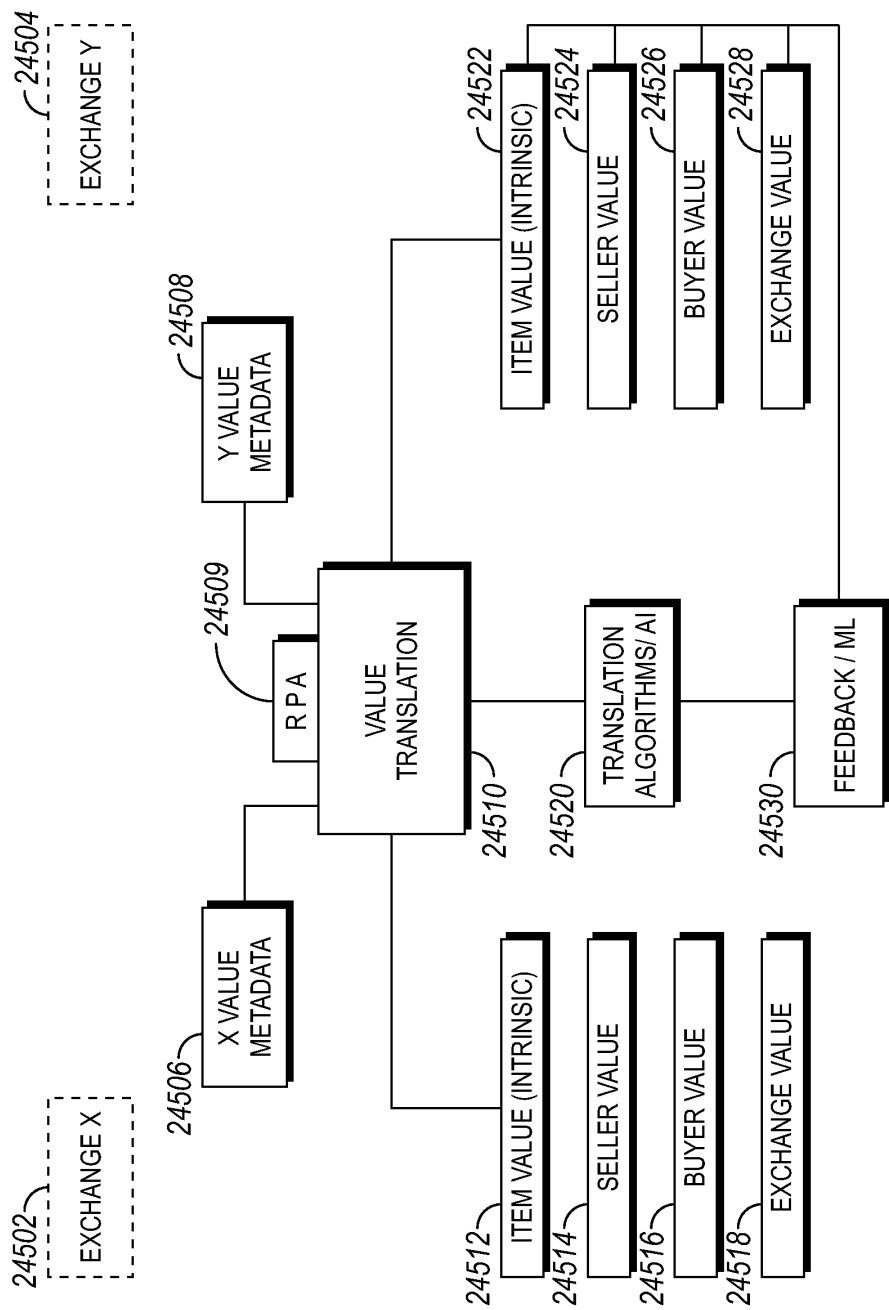


FIG. 244

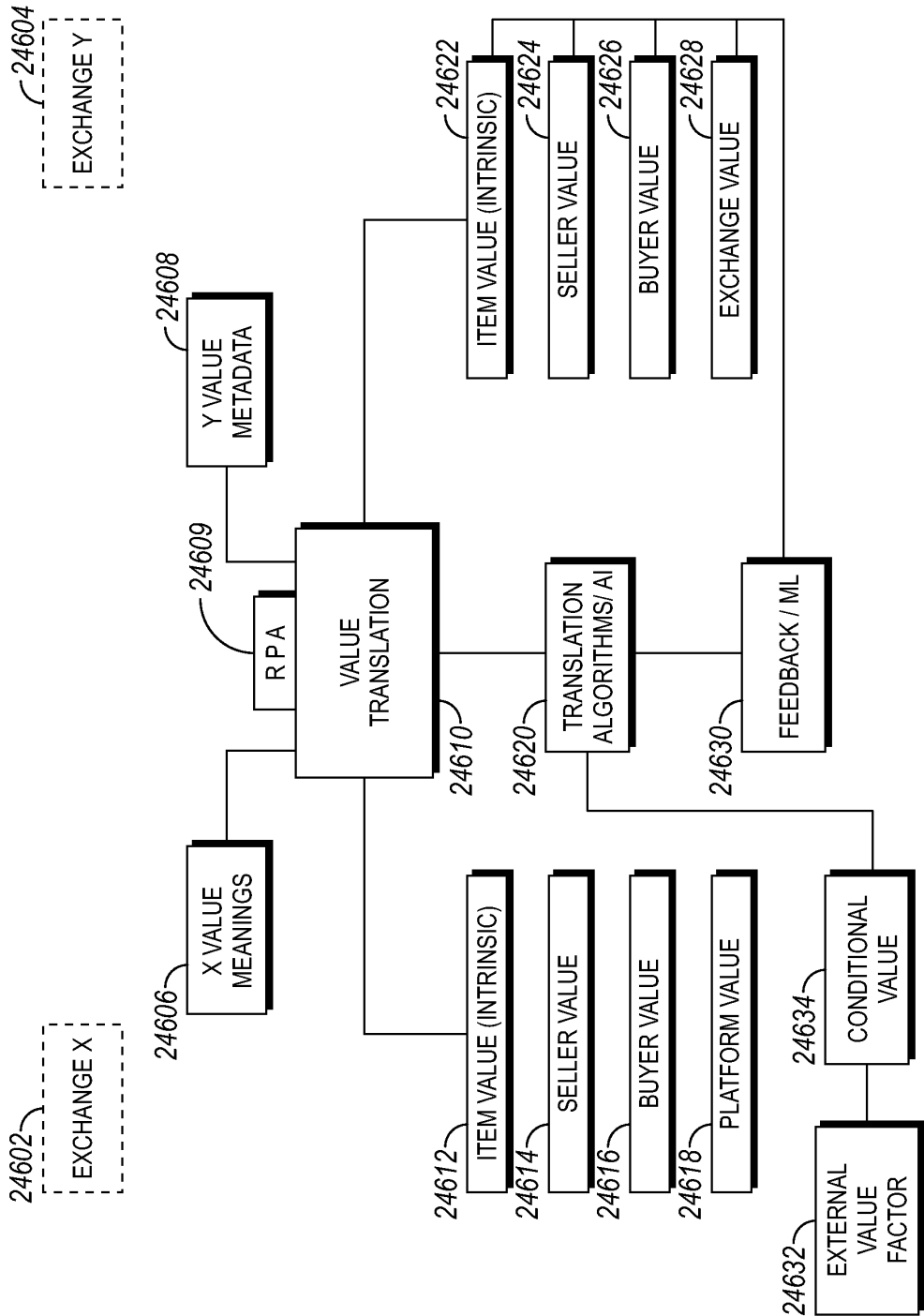


FIG. 245

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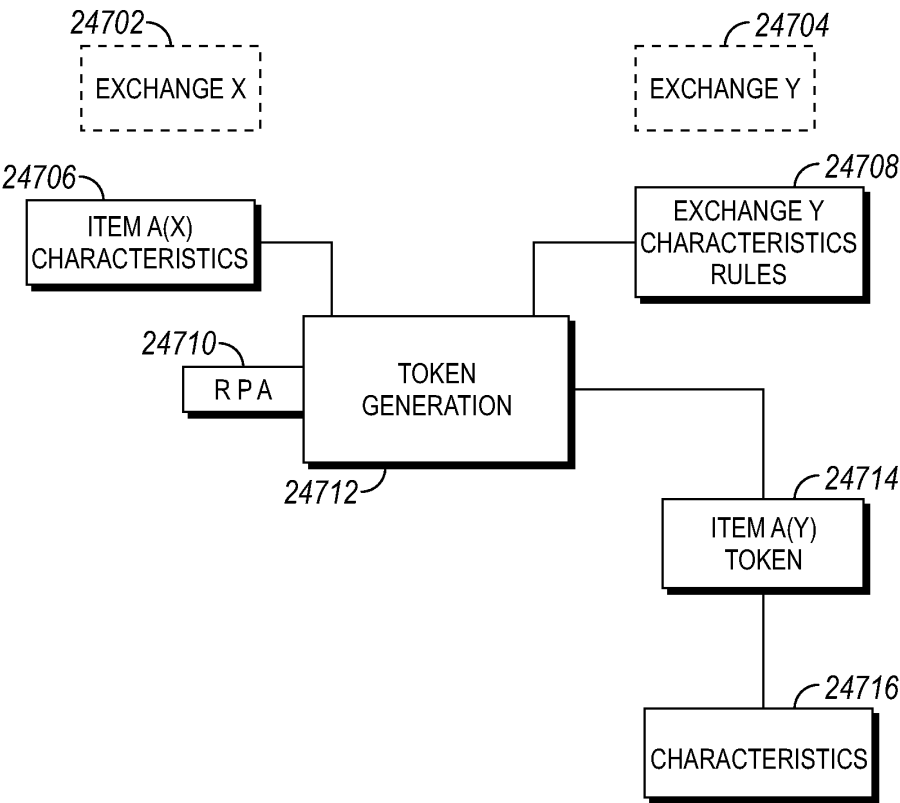


FIG. 246

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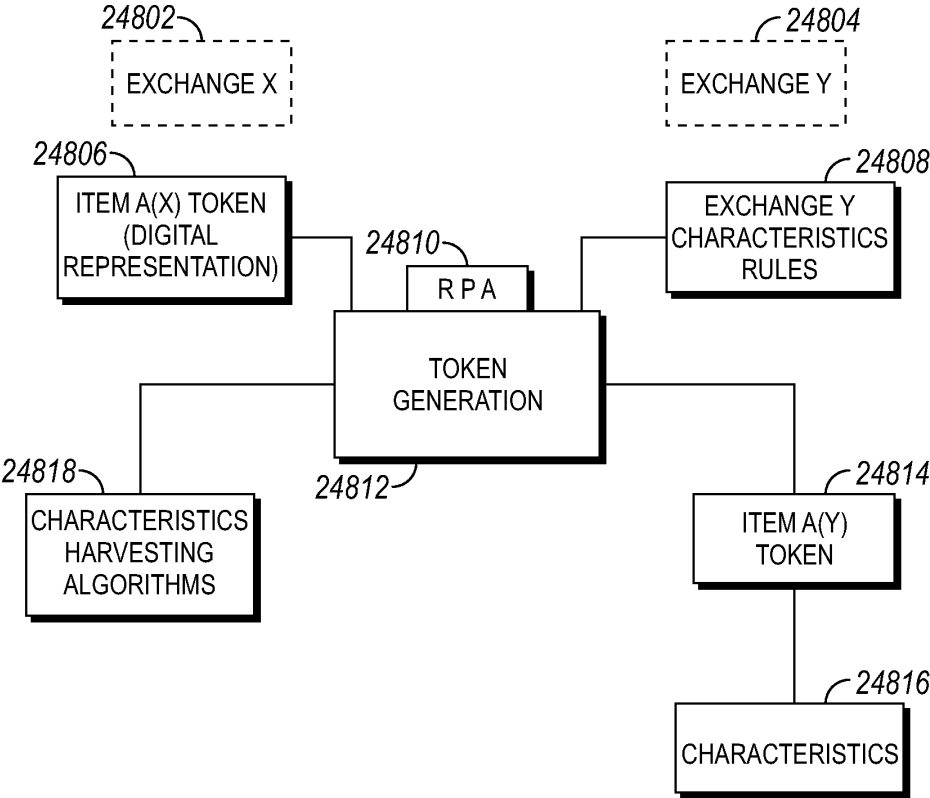


FIG. 247

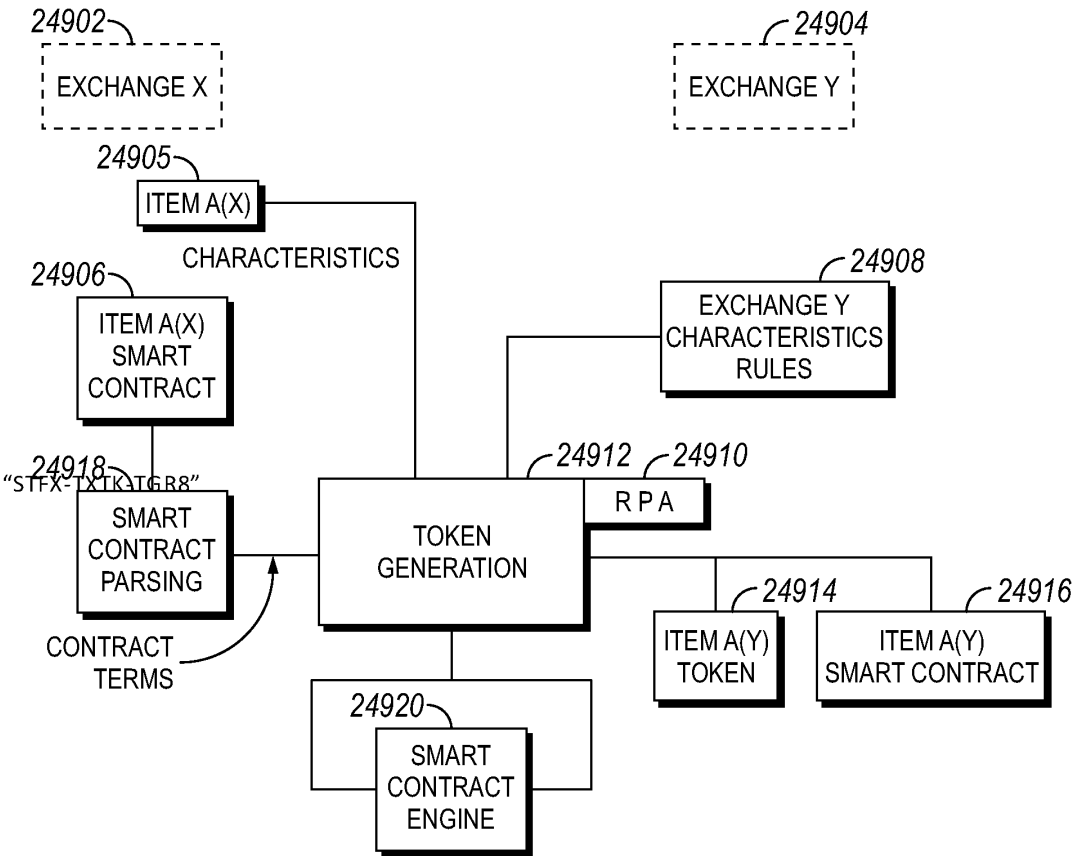


FIG. 248

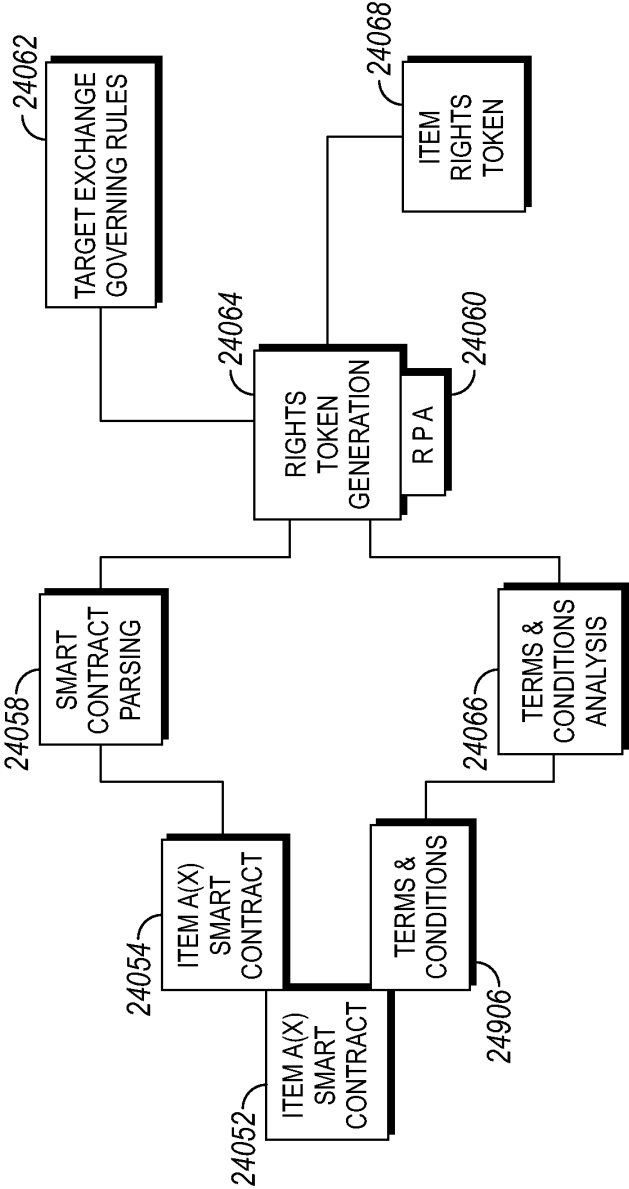


FIG. 249

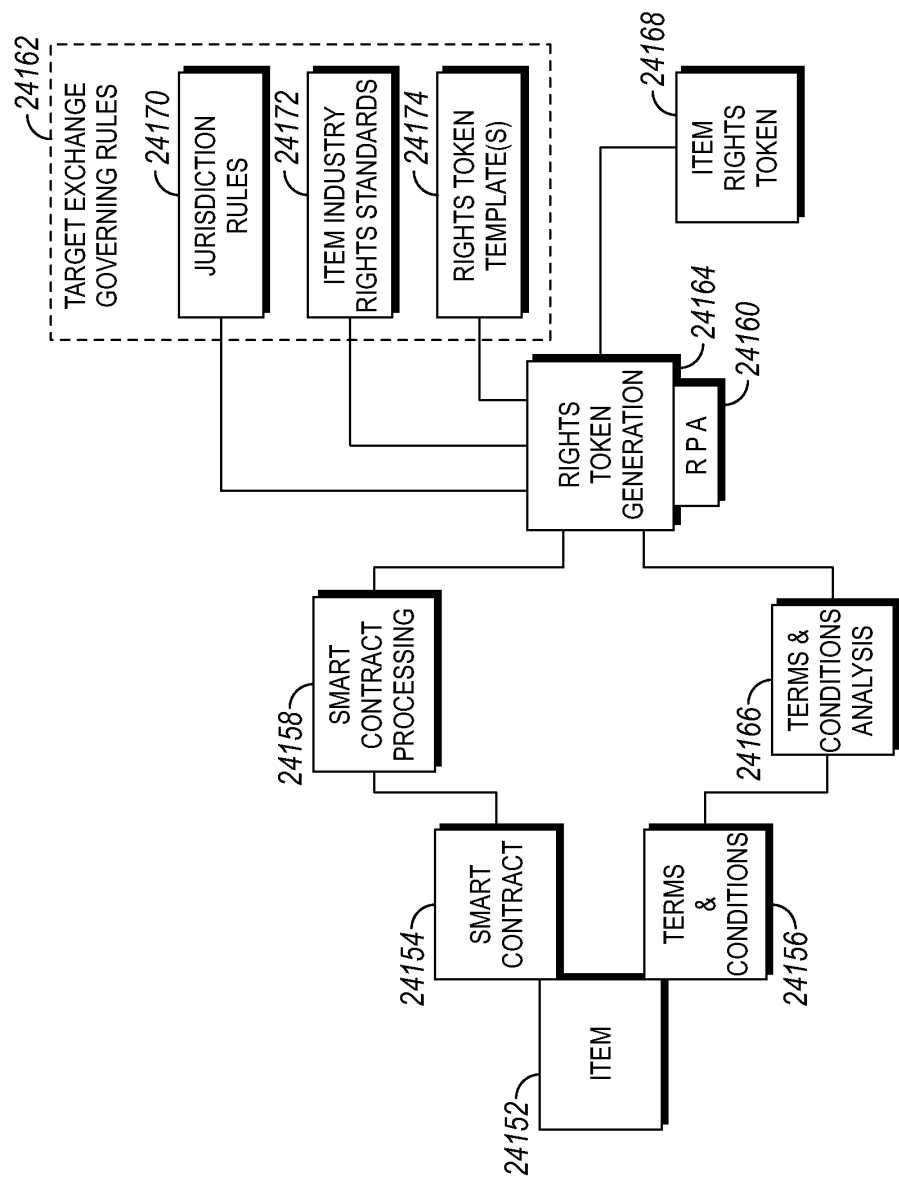


FIG. 250

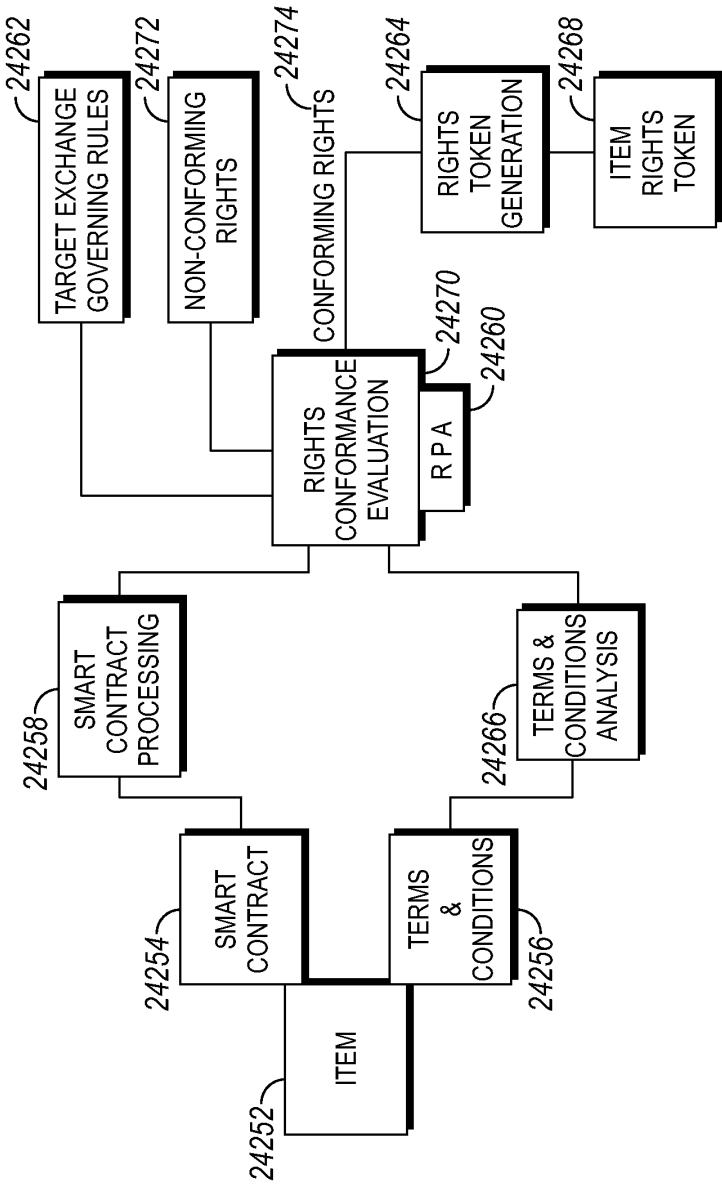


FIG. 251

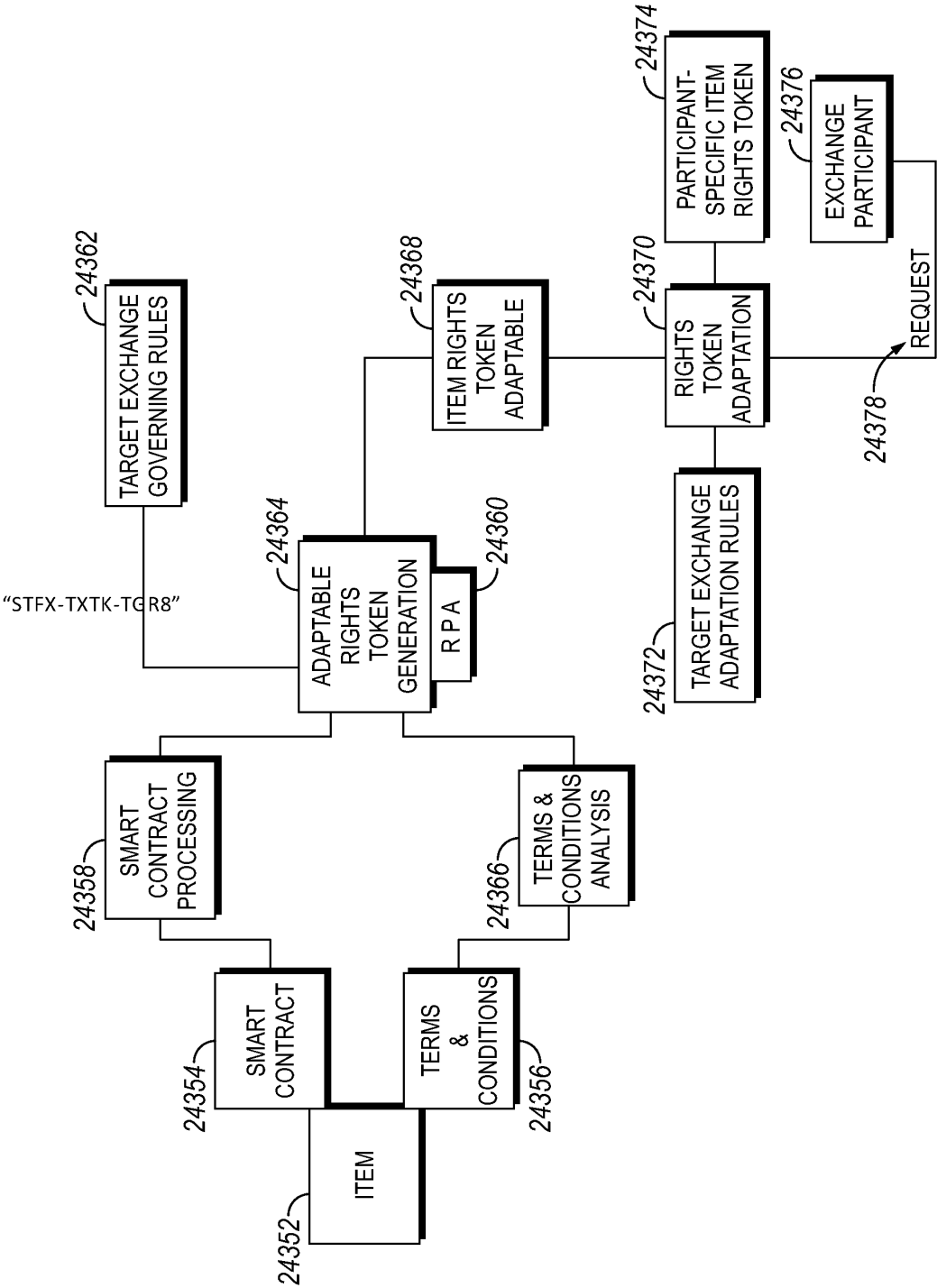


FIG. 252

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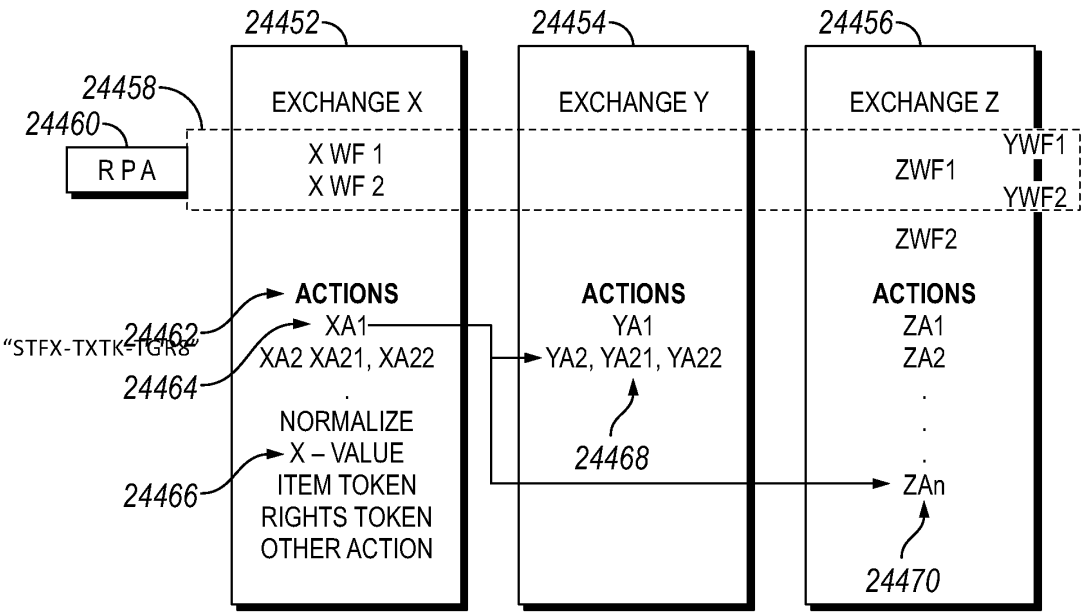


FIG. 253

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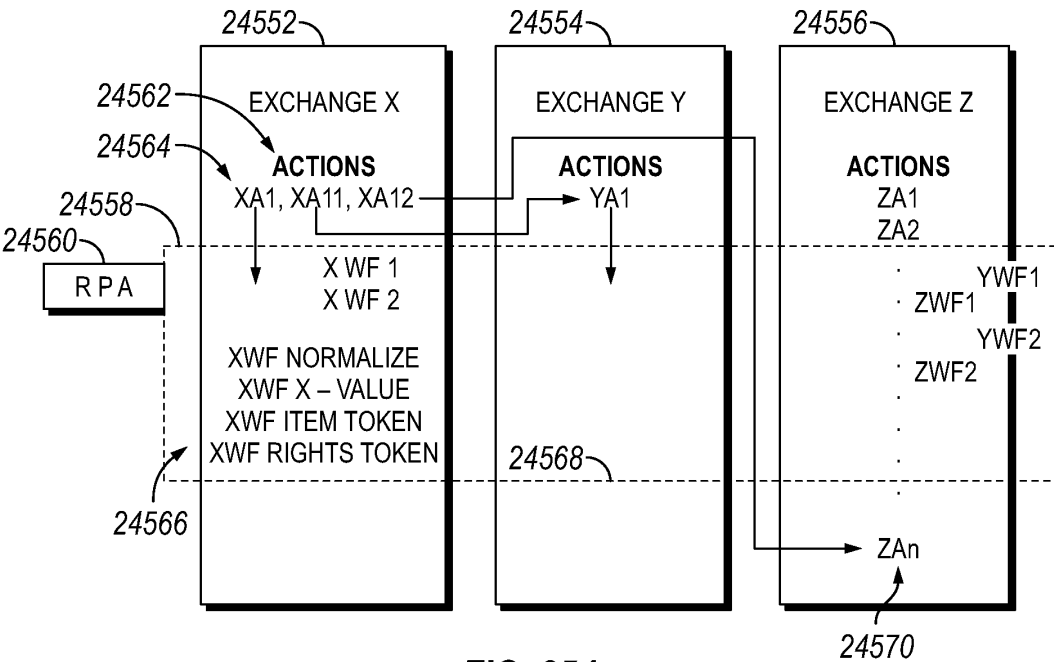


FIG. 254

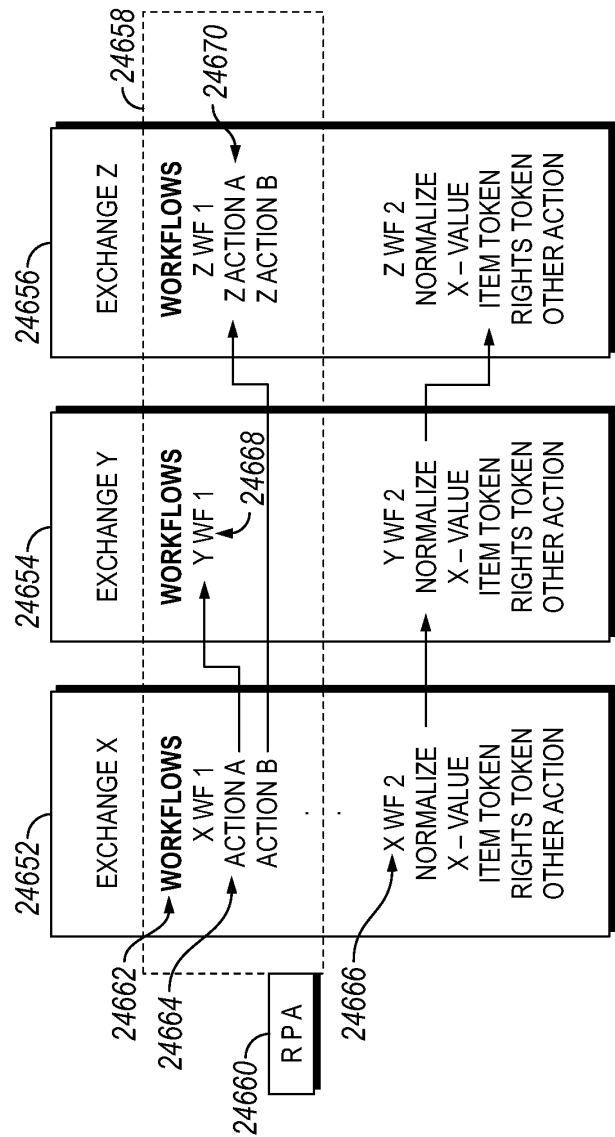


FIG. 255

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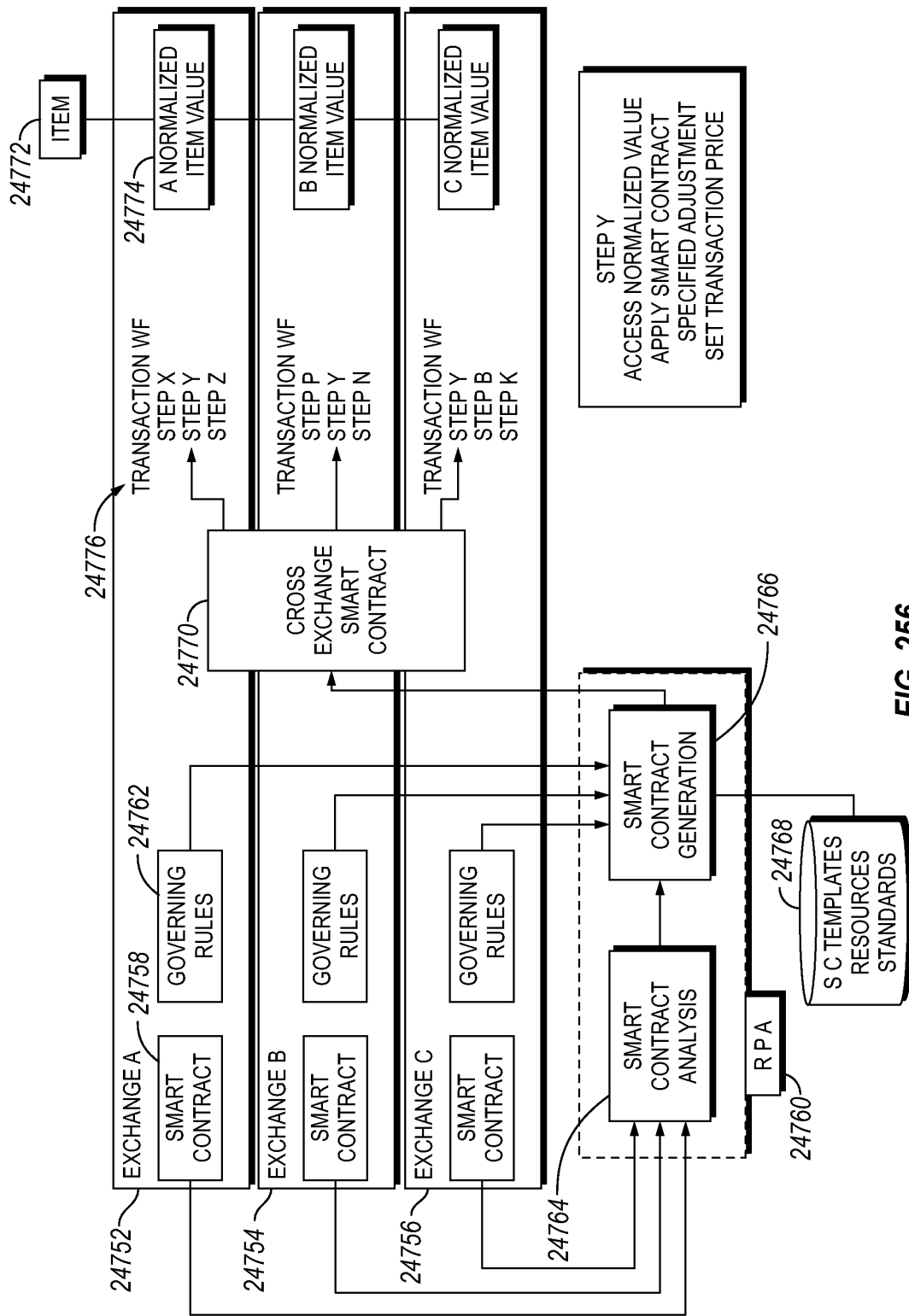


FIG. 256

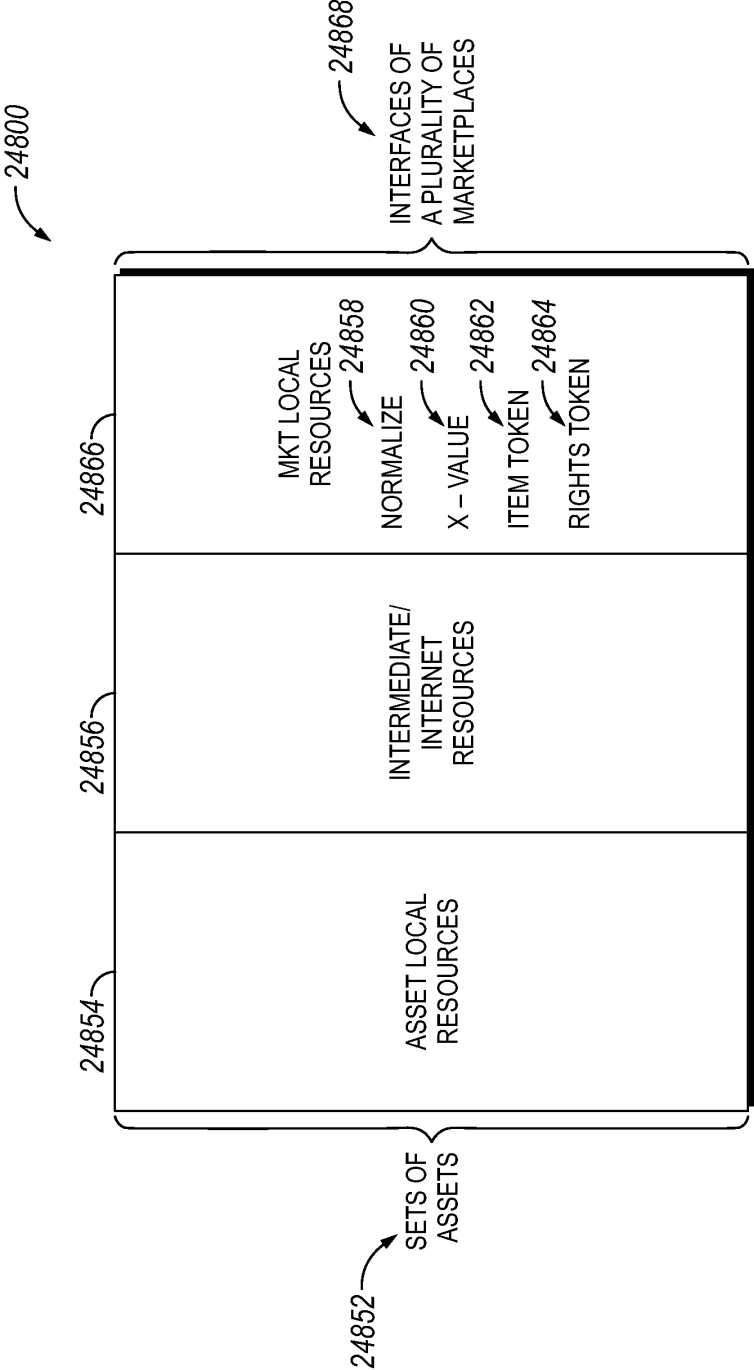


FIG. 257

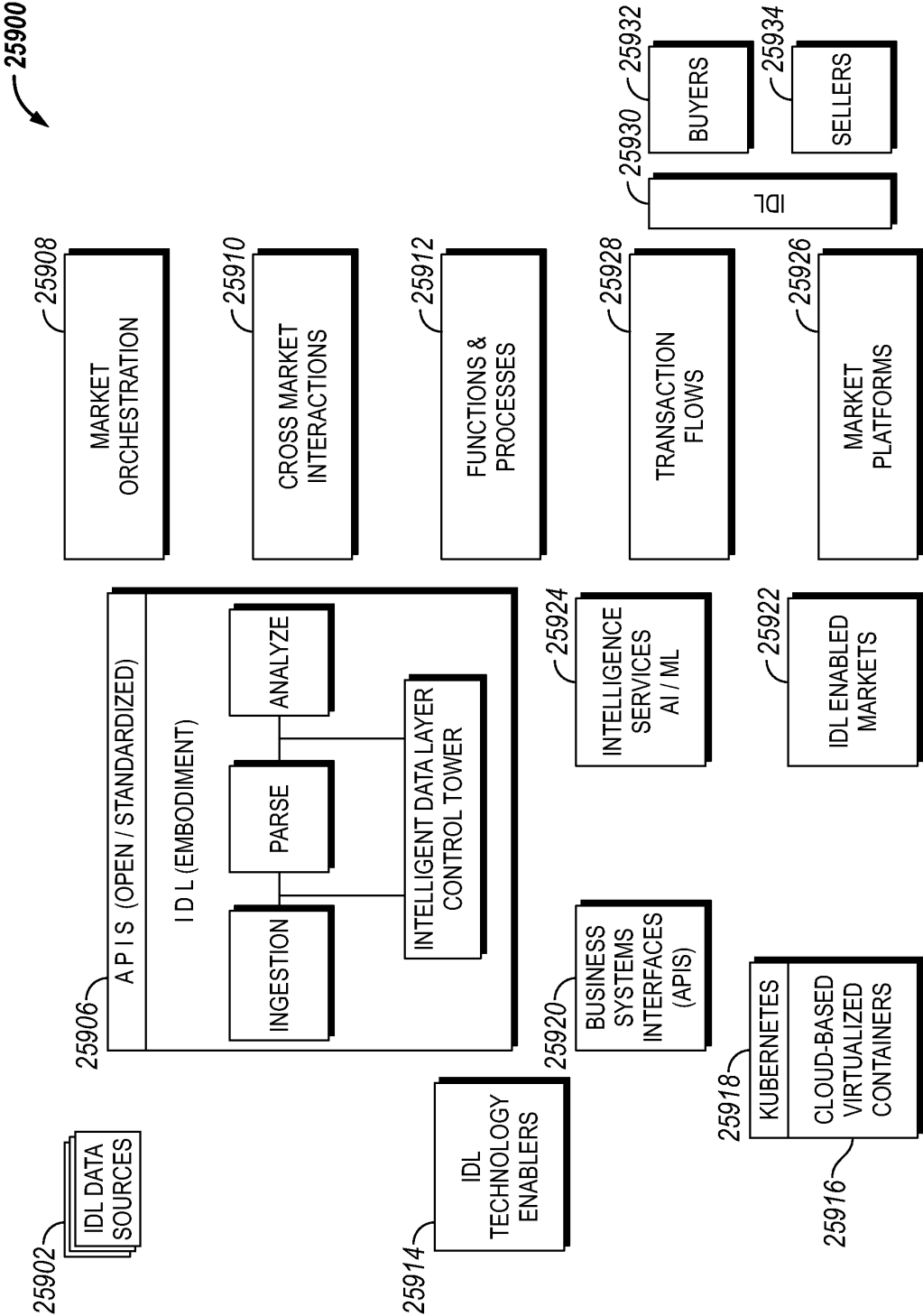


FIG. 258

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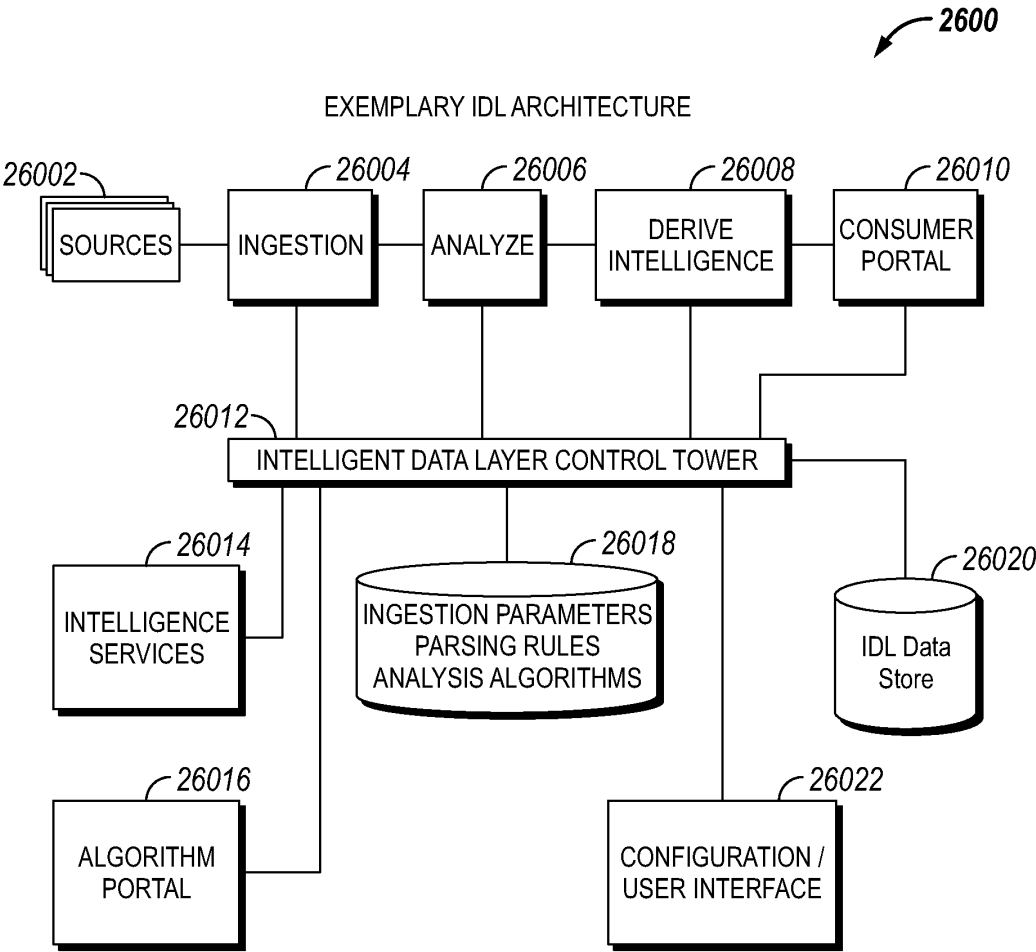


FIG. 259

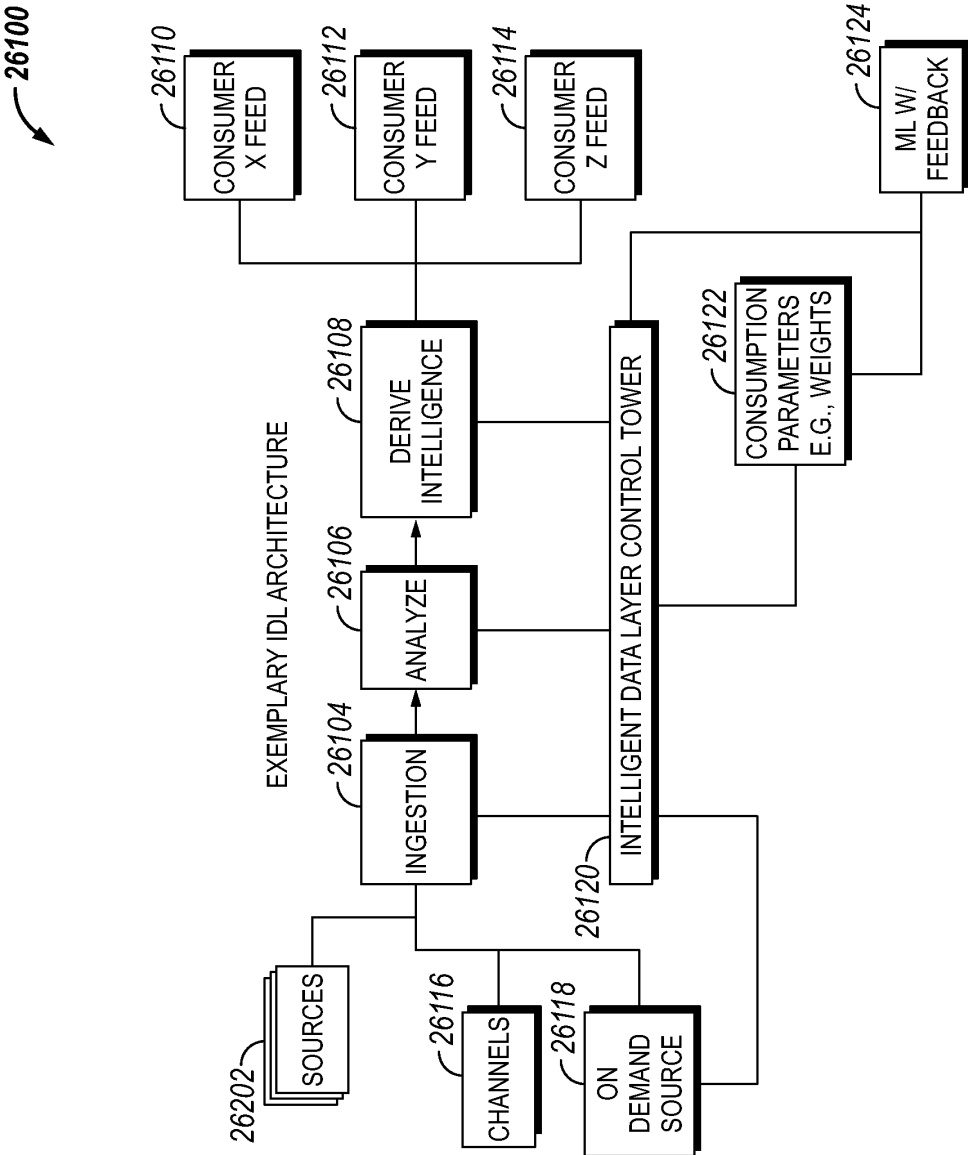


FIG. 260

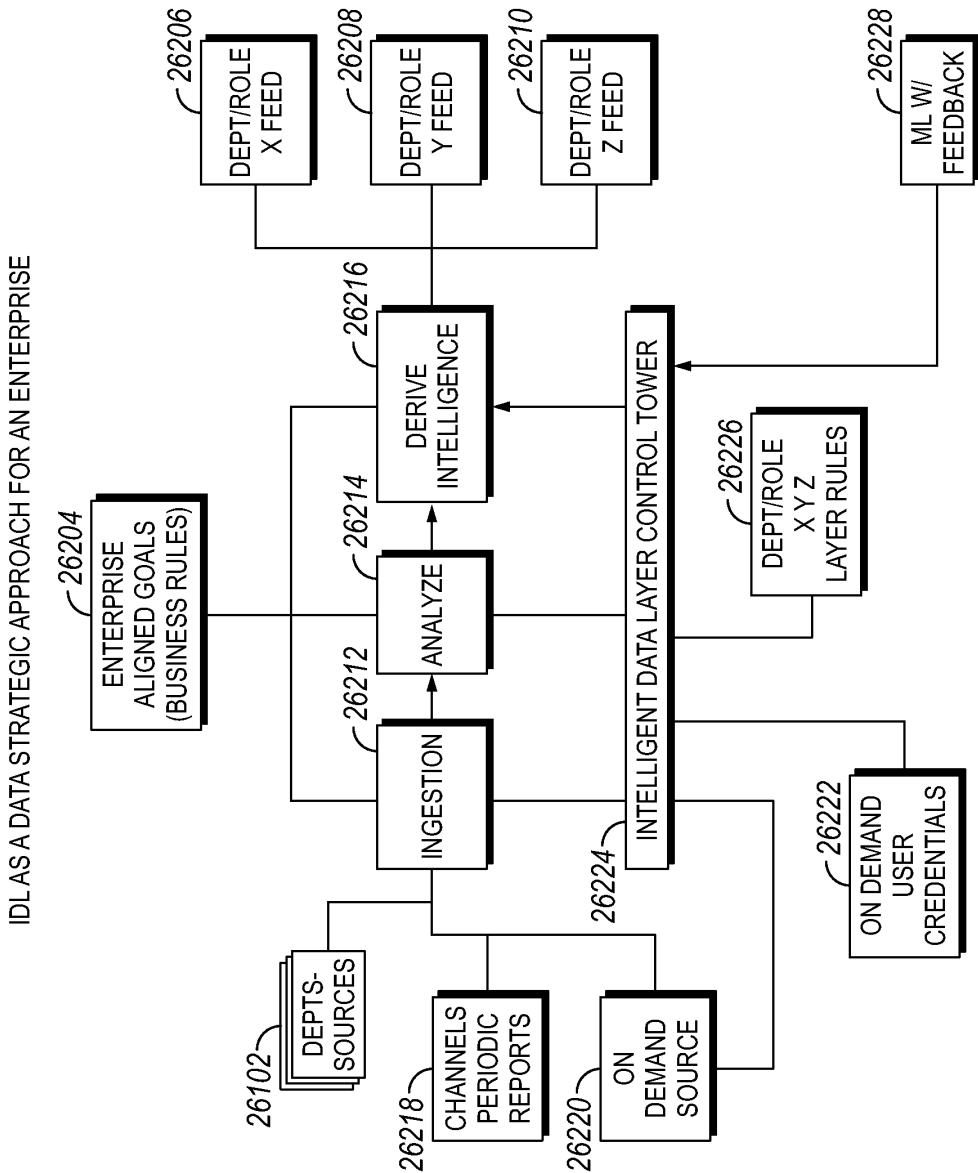


FIG. 261

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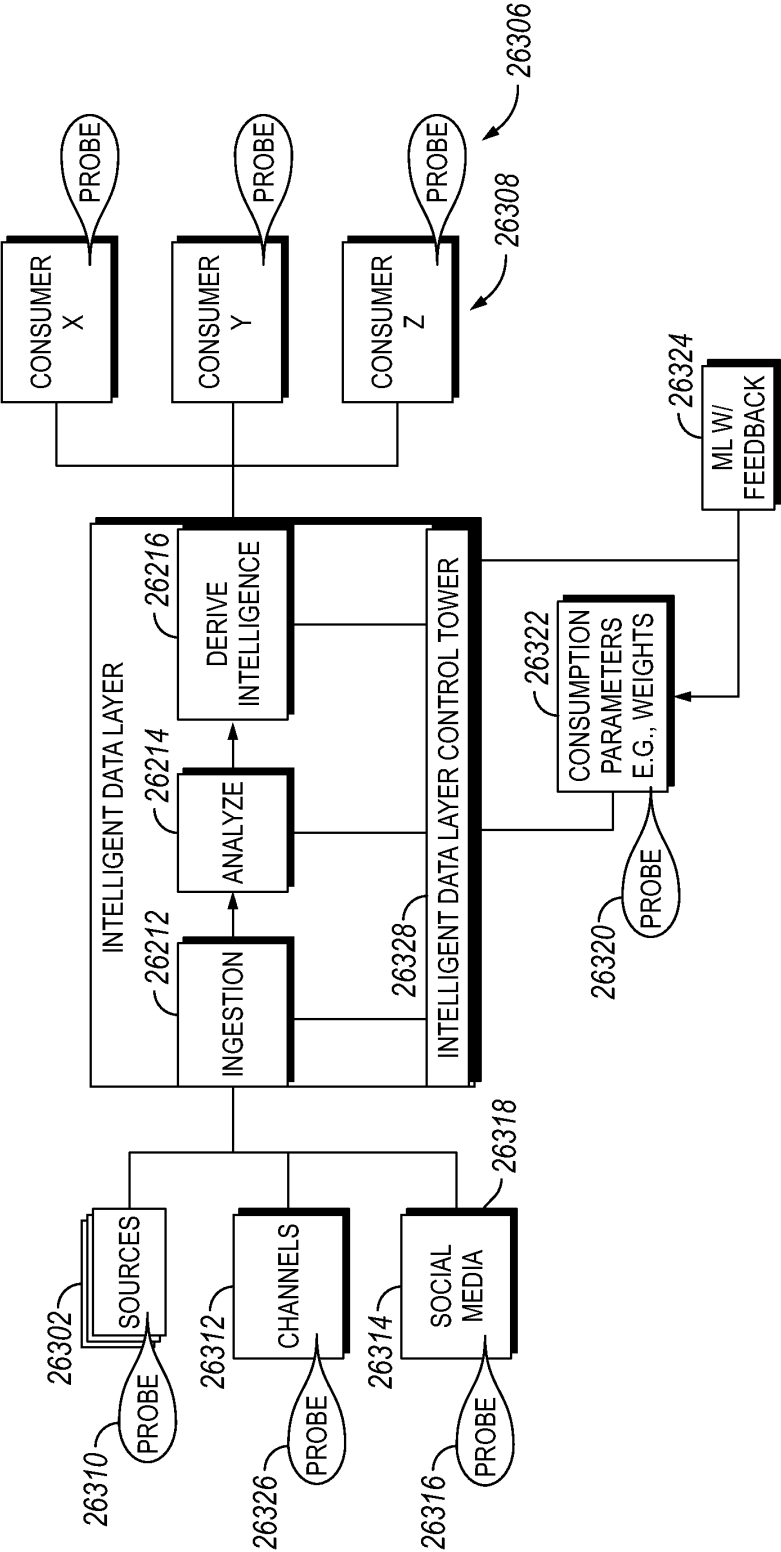
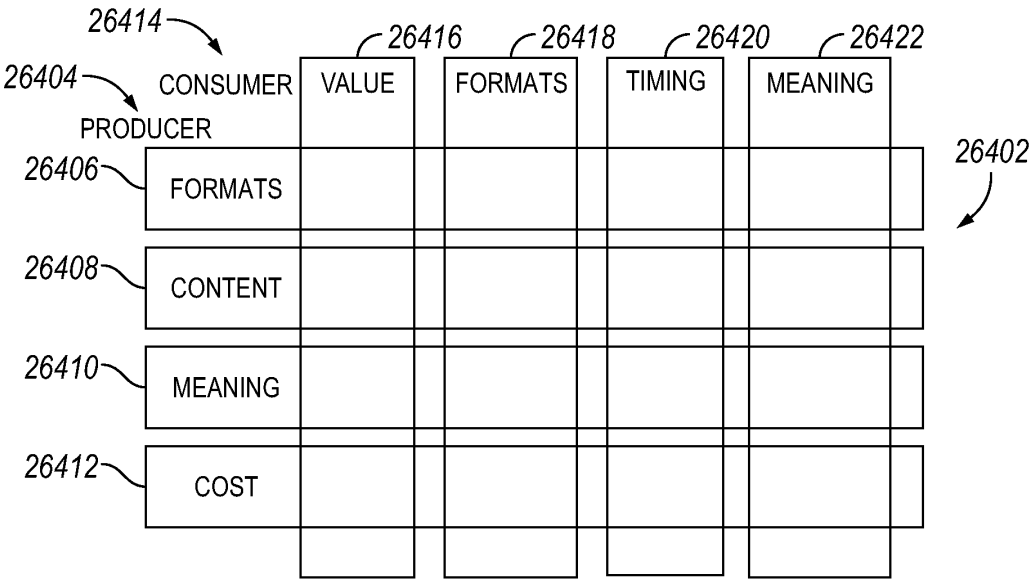


FIG. 262

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IDL VALUE ADD- MAPPING PARAMETERS OF A DATA PRODUCER WITH A DATA CONSUMER



EX: P-M WITH C-V
IDL ENABLES PUTTING A VALUE TO A CONSUMER
OF A MEANING OF A SOURCE OF DATA

EX: P-C WITH C-M
IDL ENABLES ASCRIBING A MEANING TO A CONSUMER
FOR A COST OF COLLECTION BY A PRODUCER

EX: P-C WITH C-V
IDL ENABLES DETERMINING A RELATIONSHIP BETWEEN
CONSUMER PERCEIVED VALUE TO PRODUCER COSTS

EX: P-C WITH C-T
IDL ENABLES DETERMINING WHEN PRODUCER
CONTENT IS REQUIRED BY A CONSUMER

FIG. 263

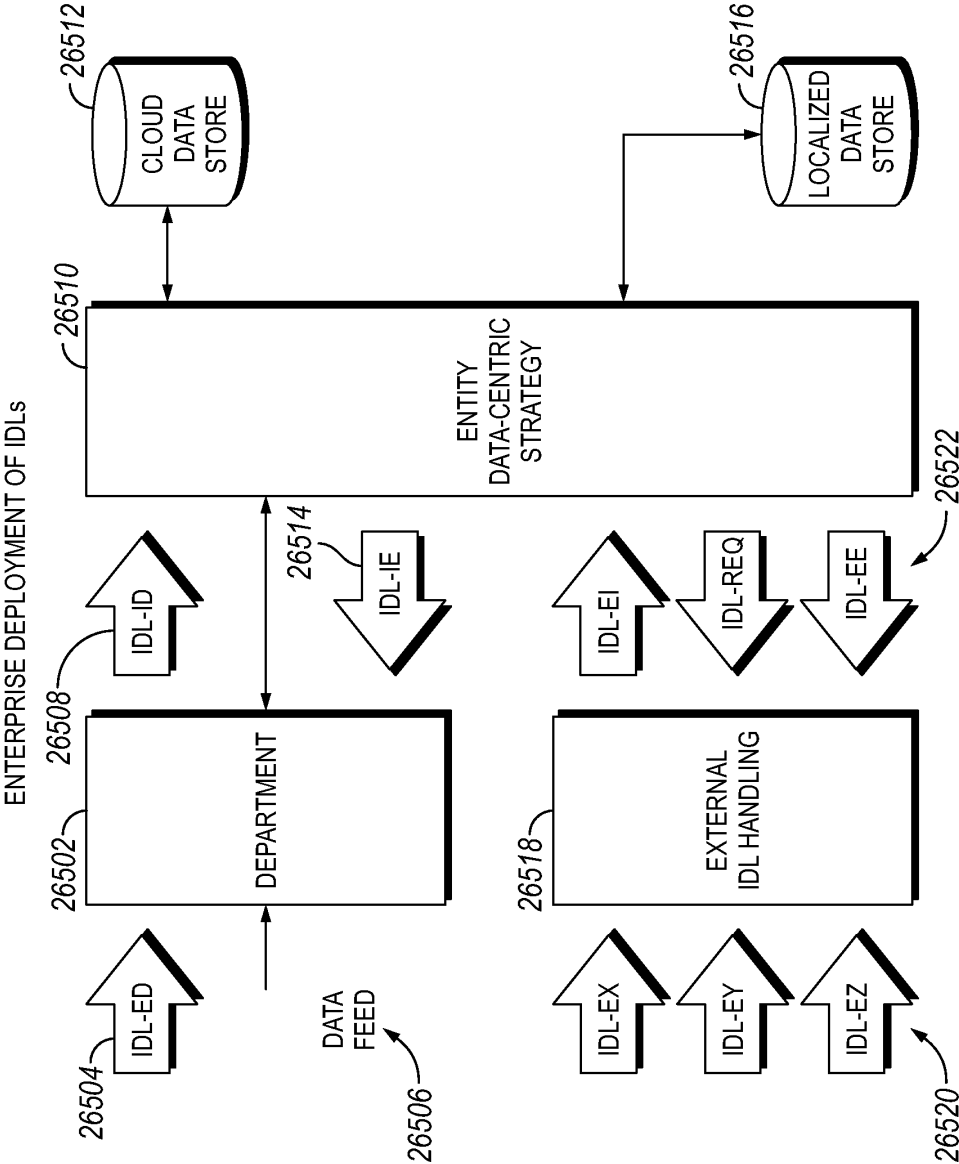


FIG. 264

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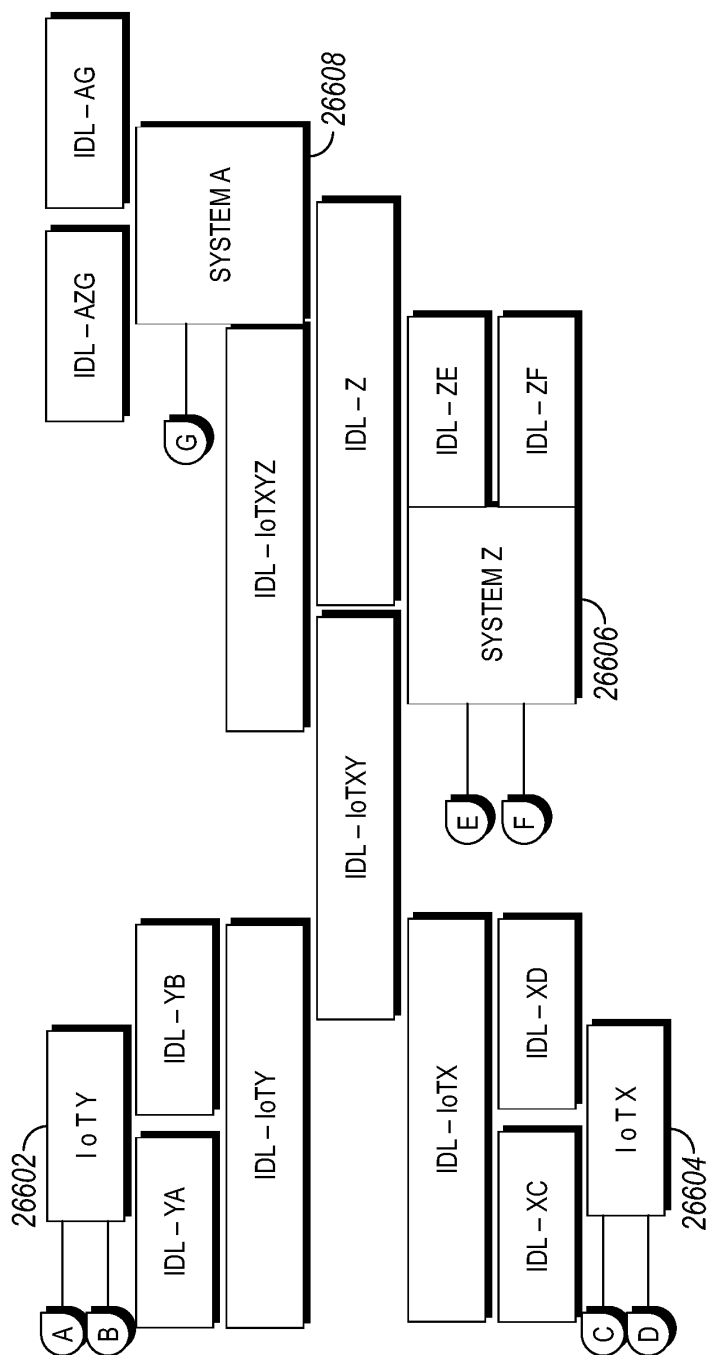


FIG. 265

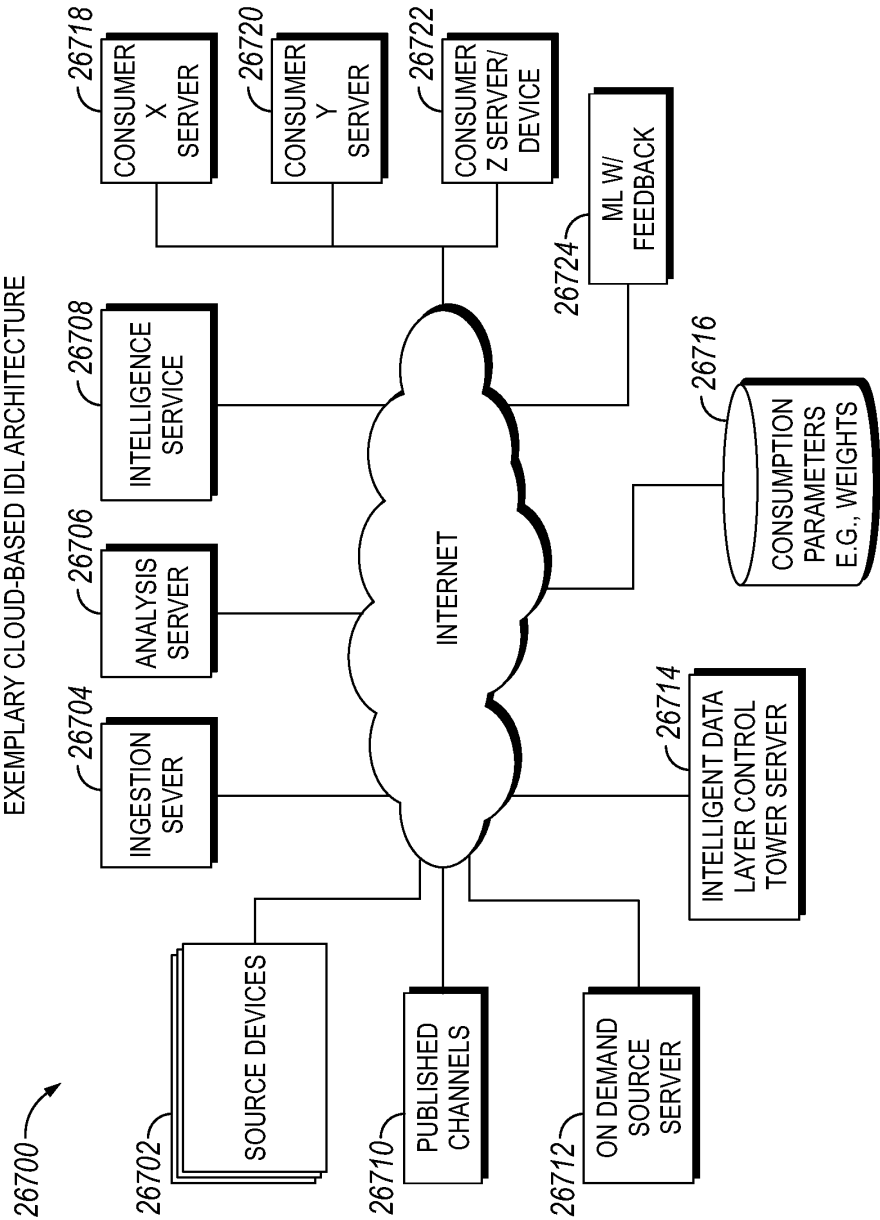


FIG. 266

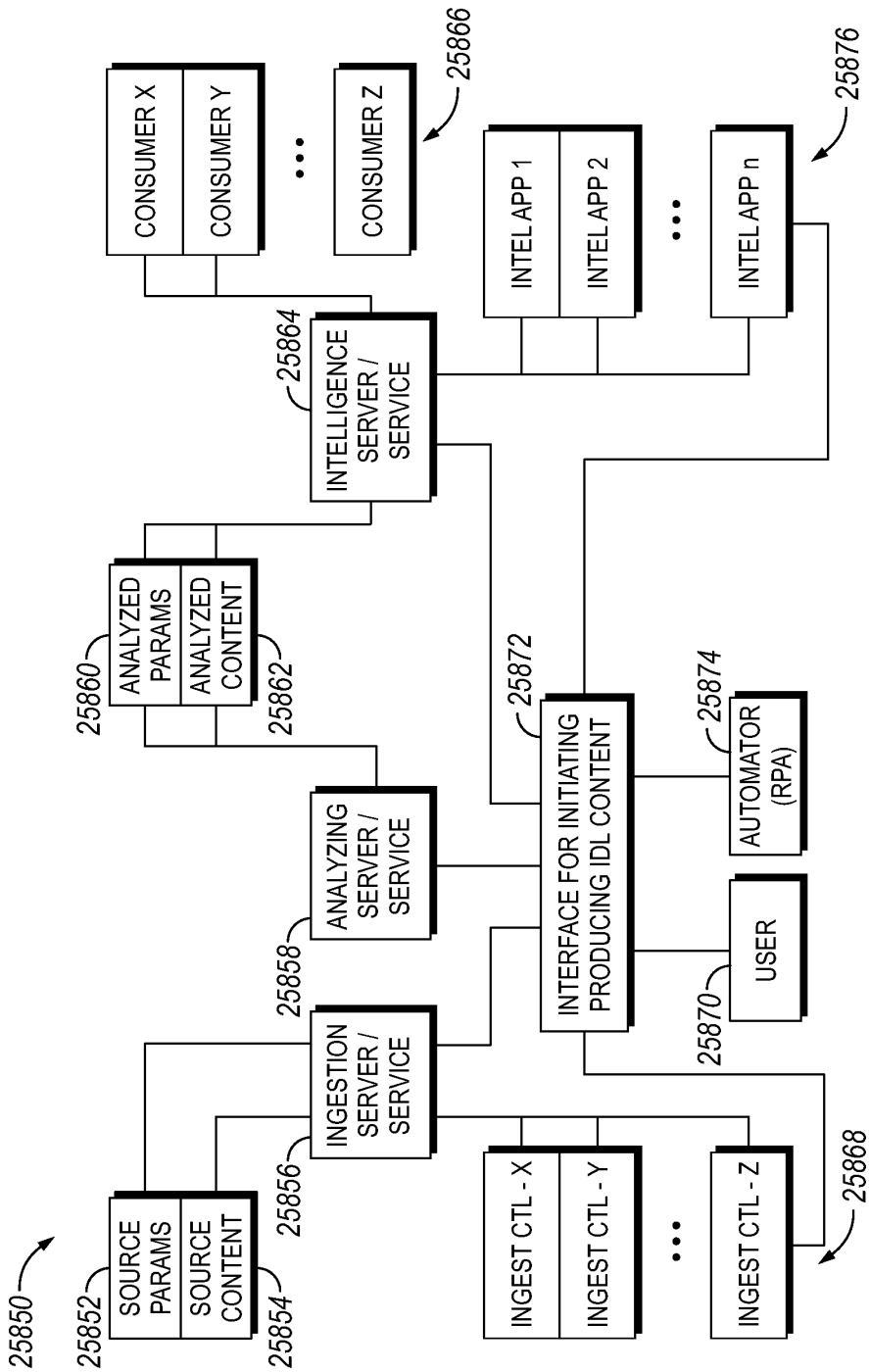


FIG. 267

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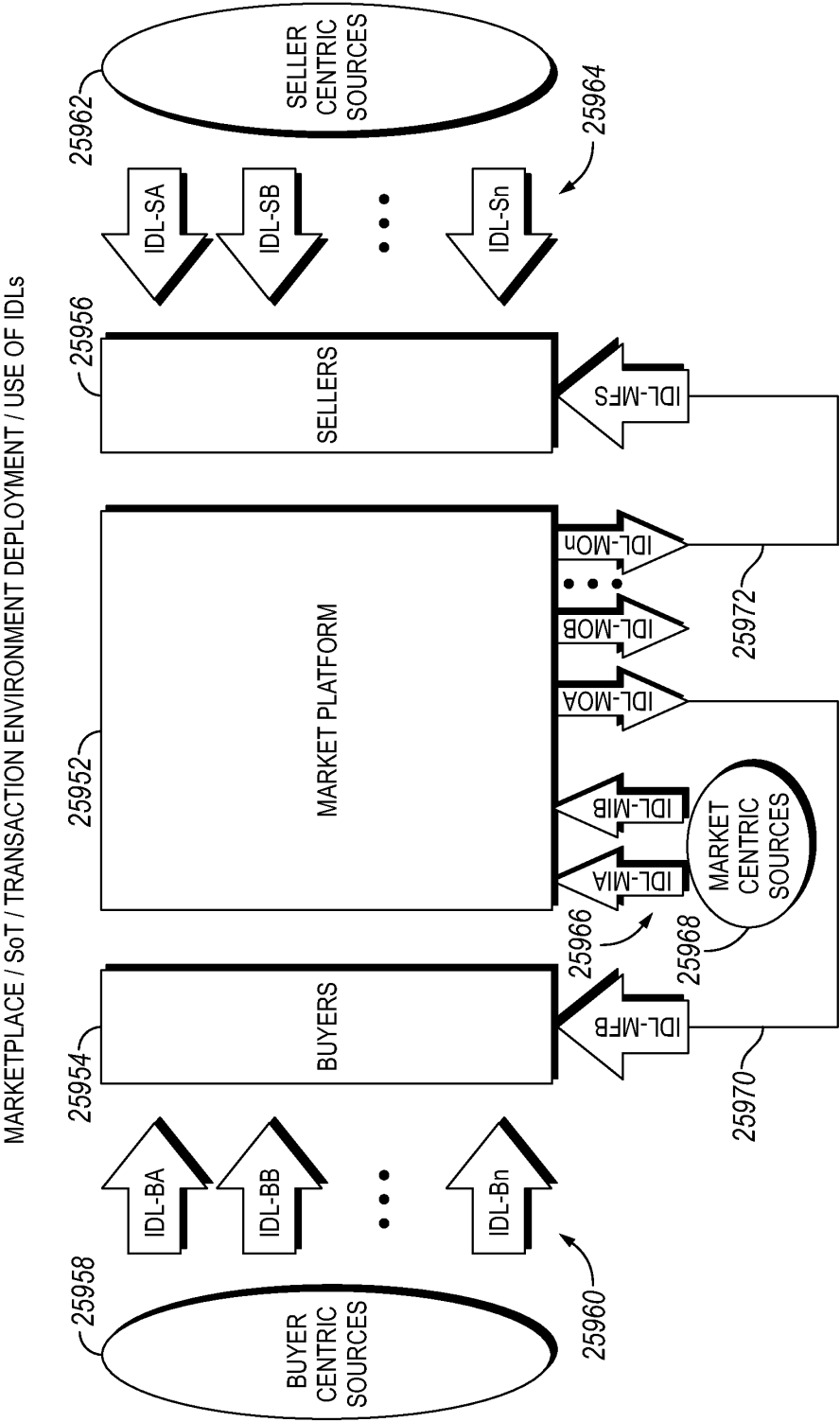


FIG. 268

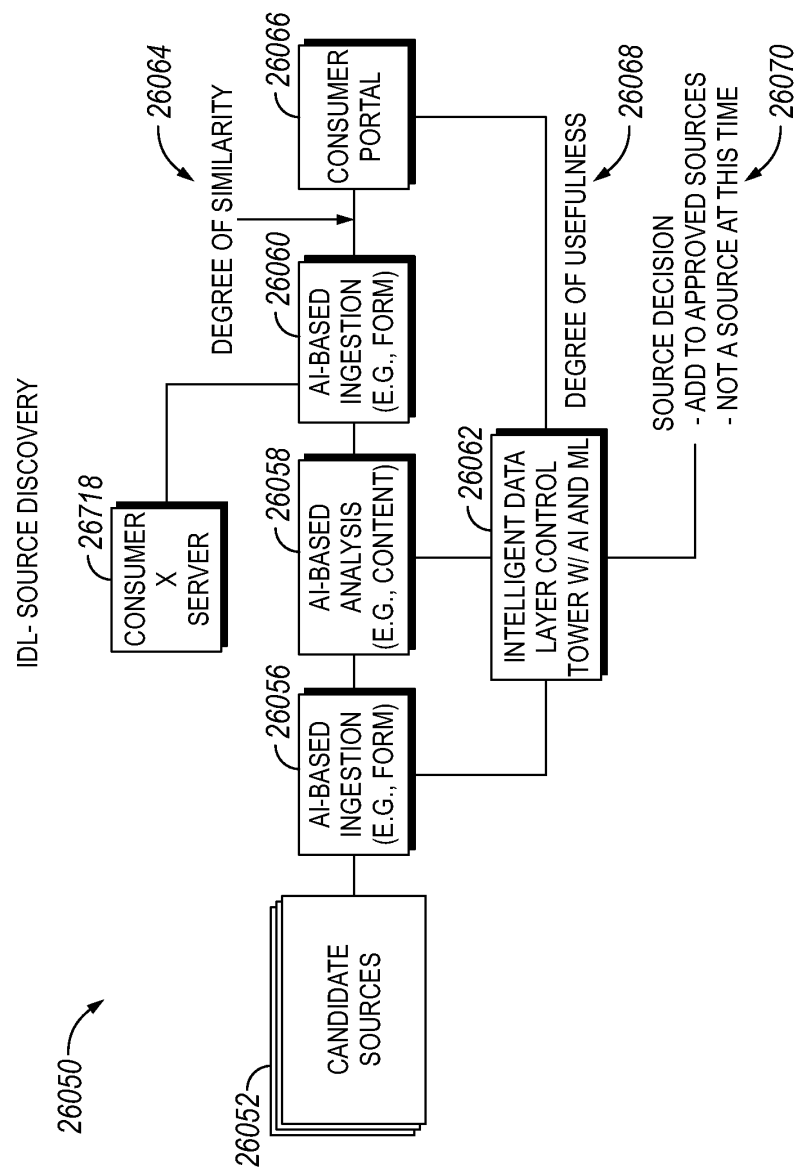


FIG. 269

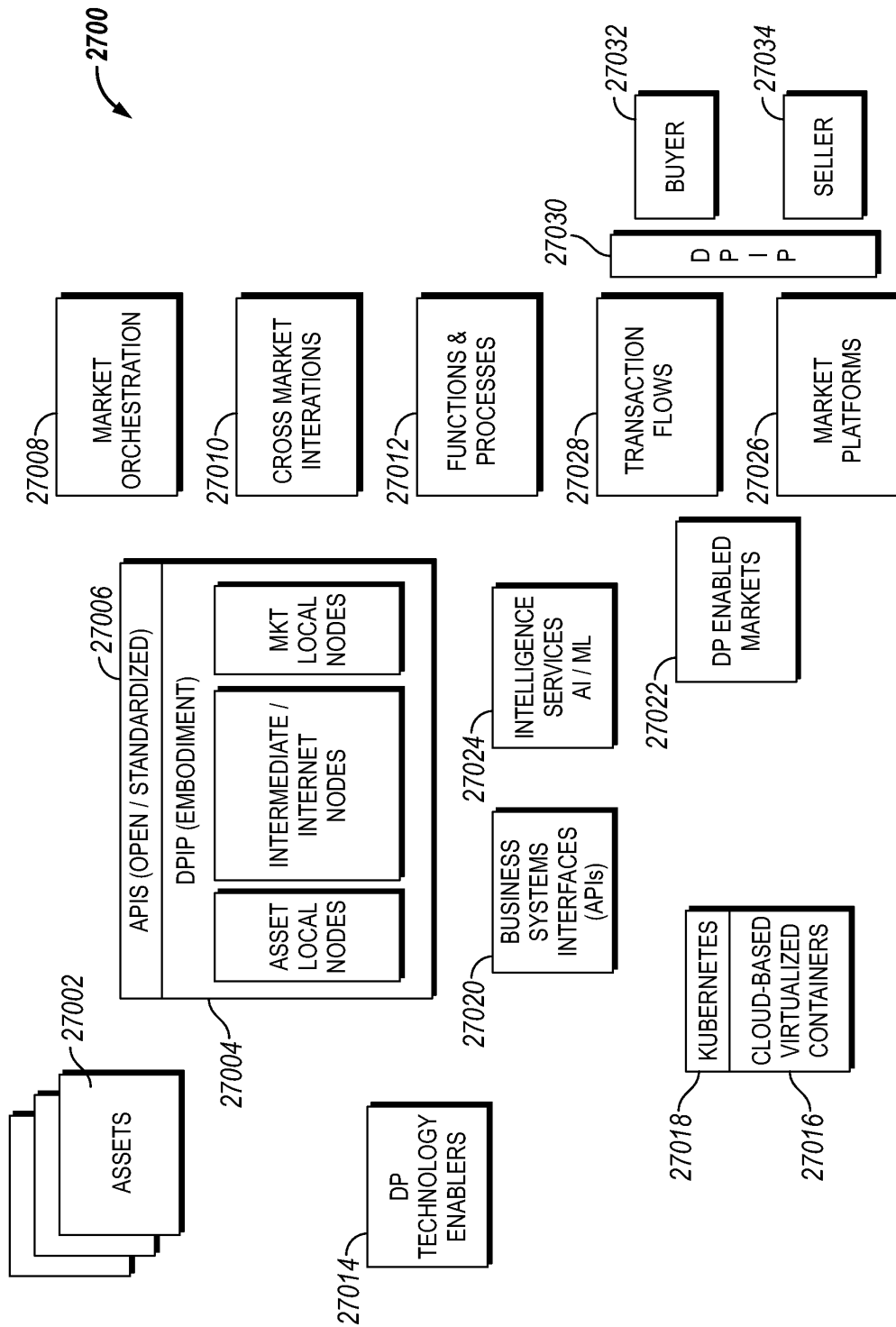


FIG. 270

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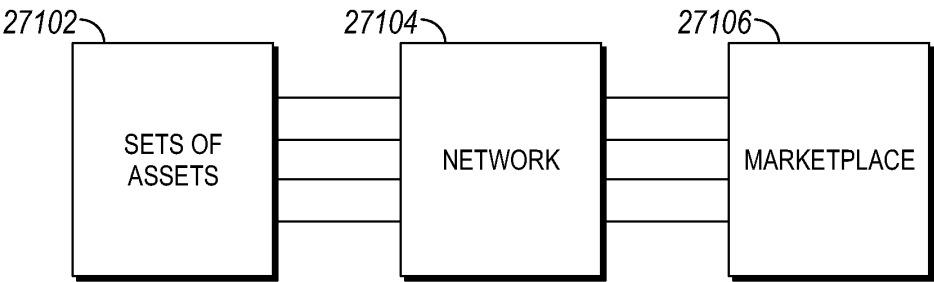


FIG. 271

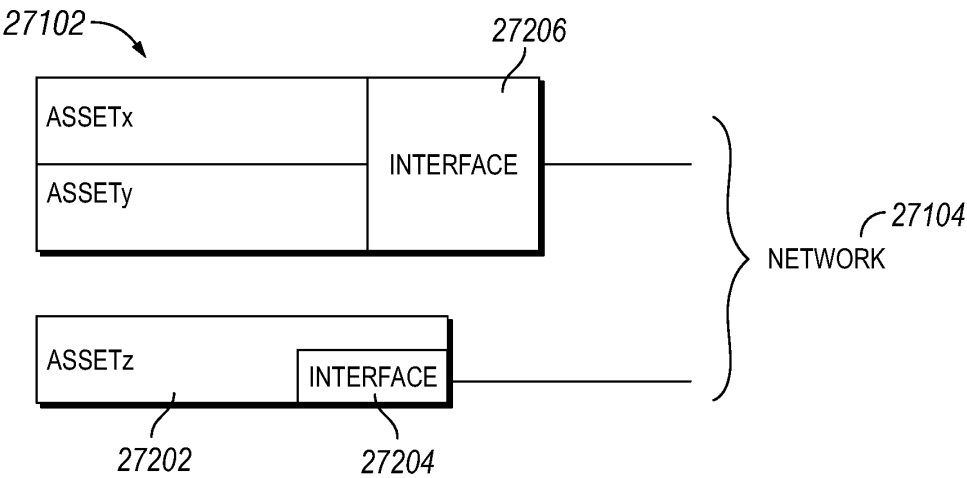


FIG. 272

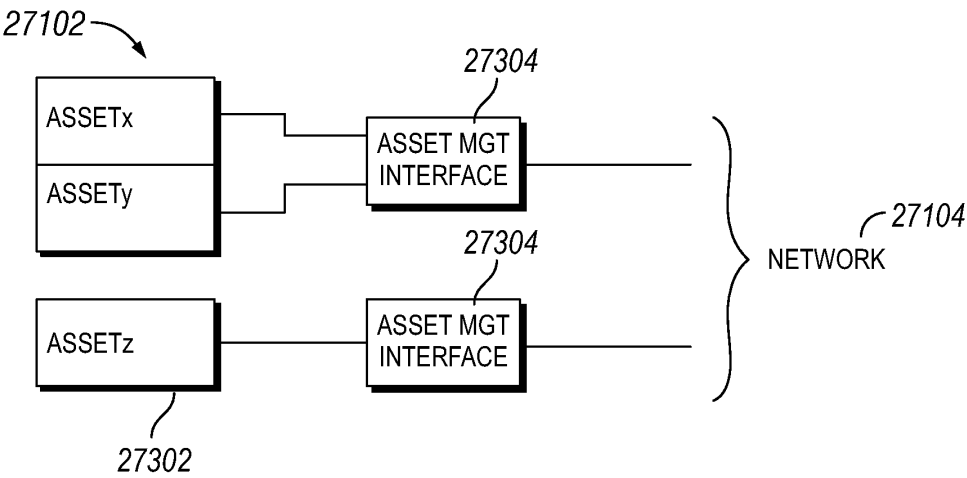


FIG. 273

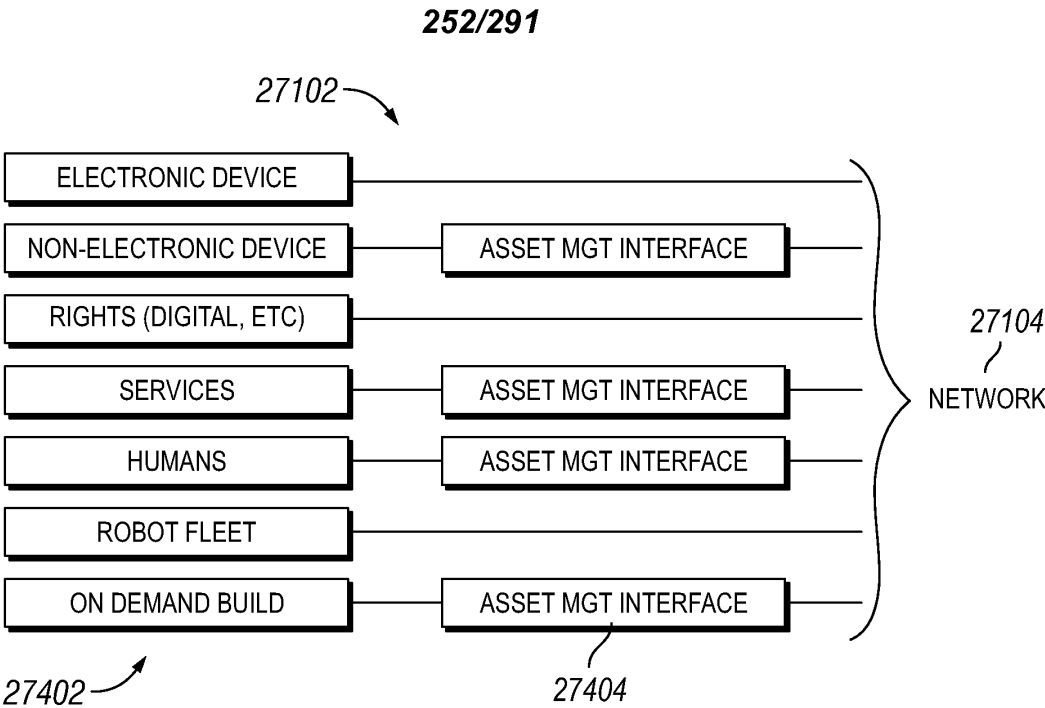


FIG. 274

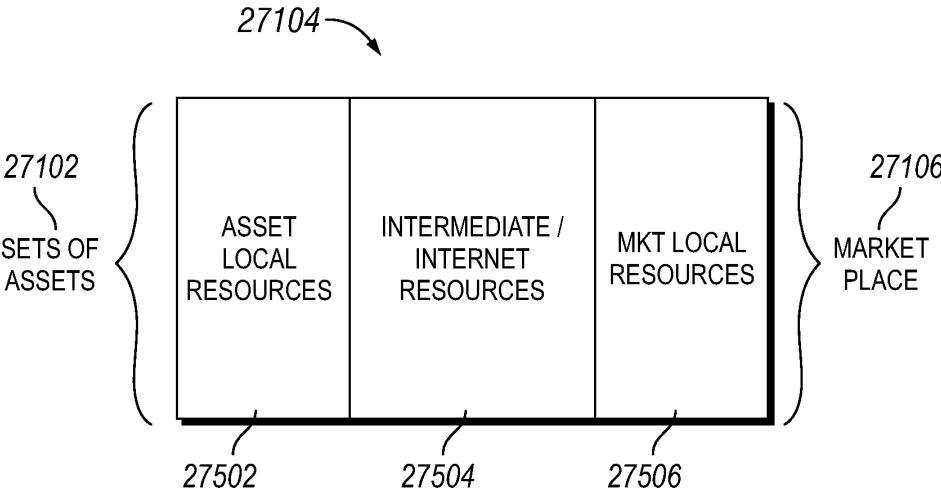


FIG. 275

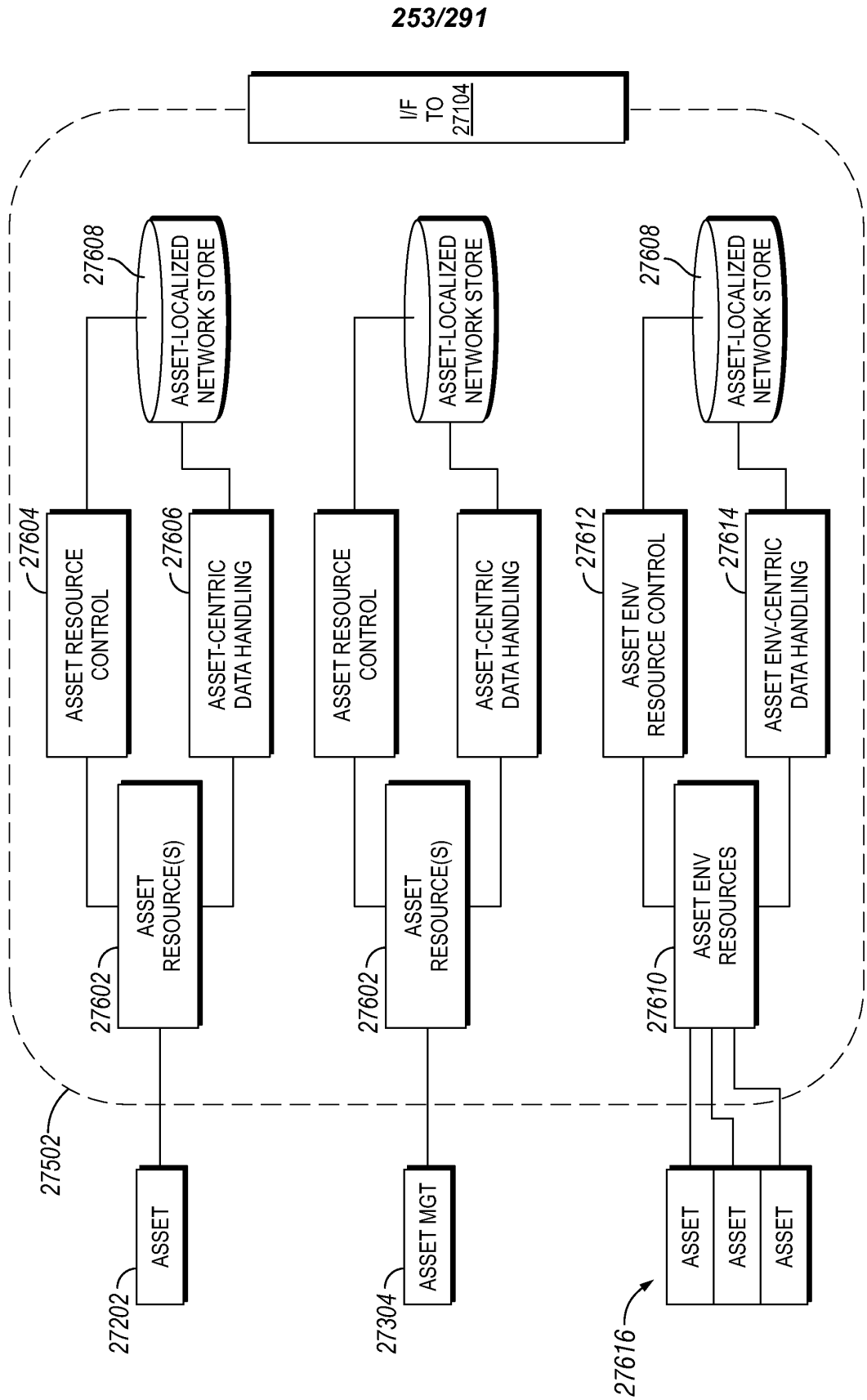


FIG. 276

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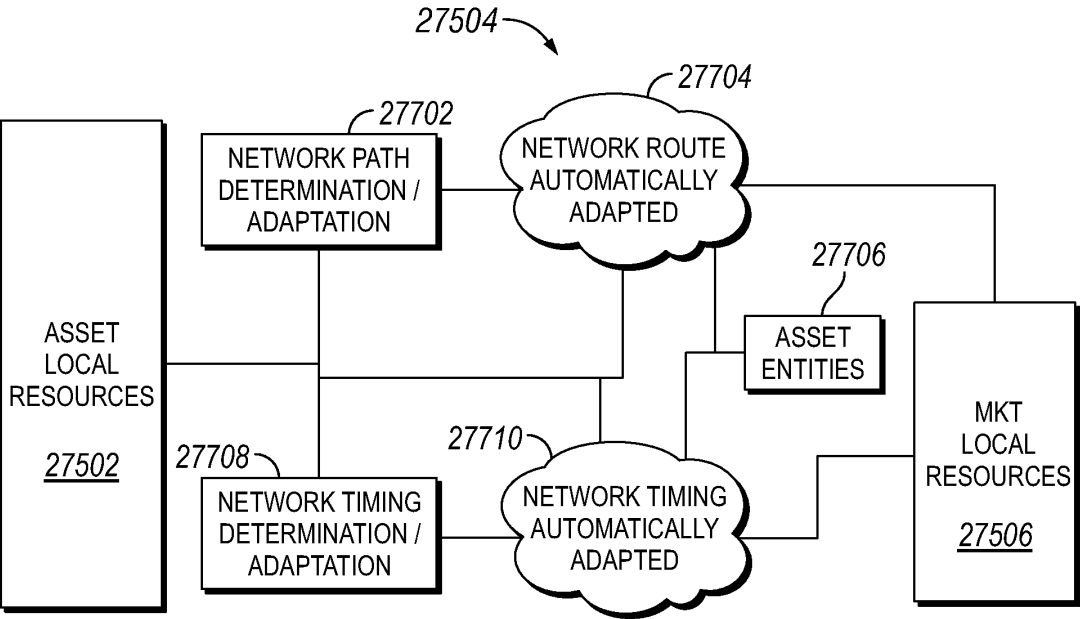


FIG. 277

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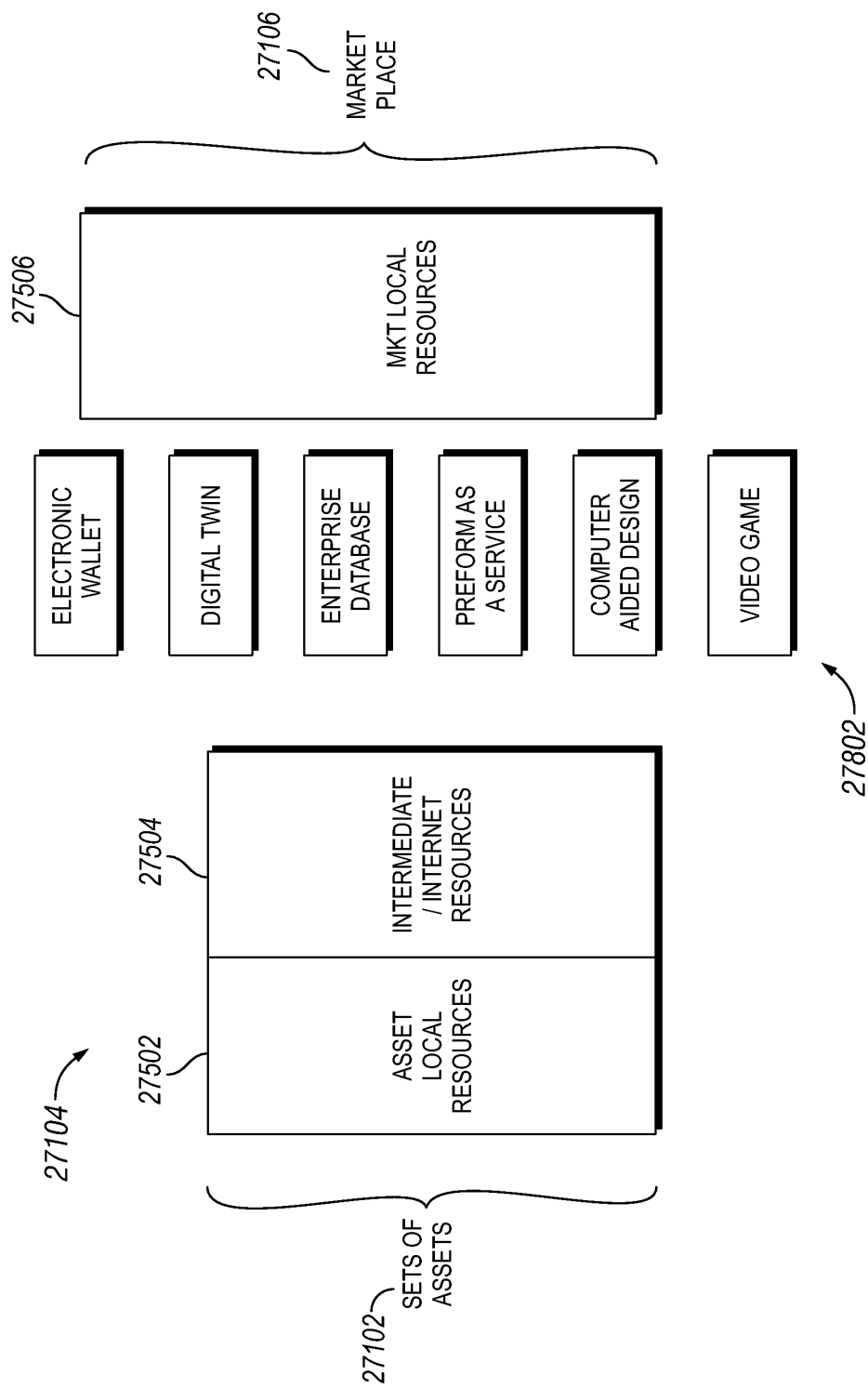


FIG. 278

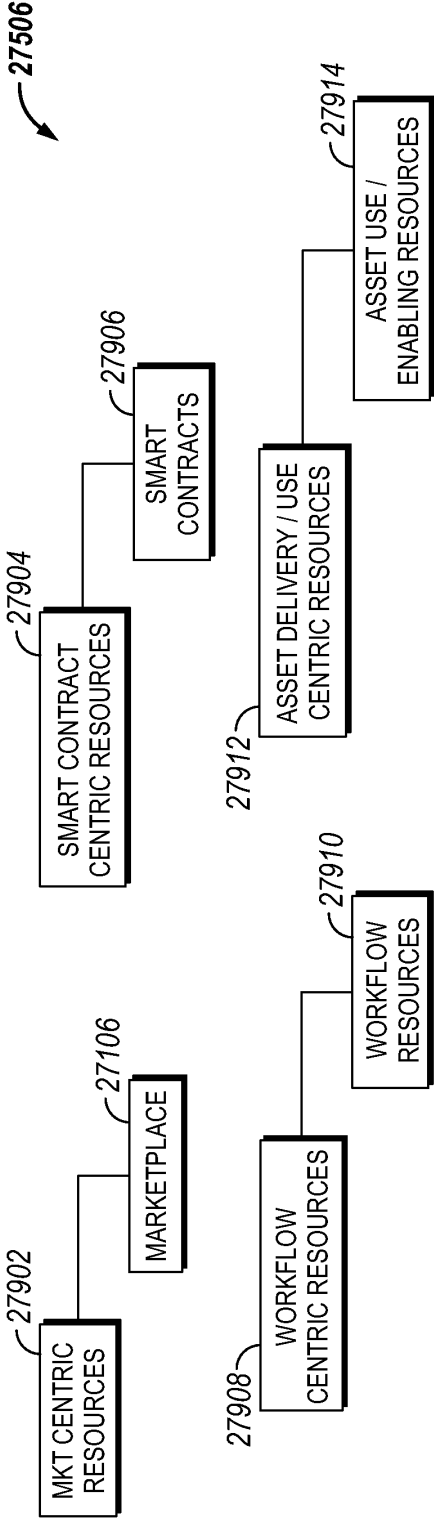


FIG. 279

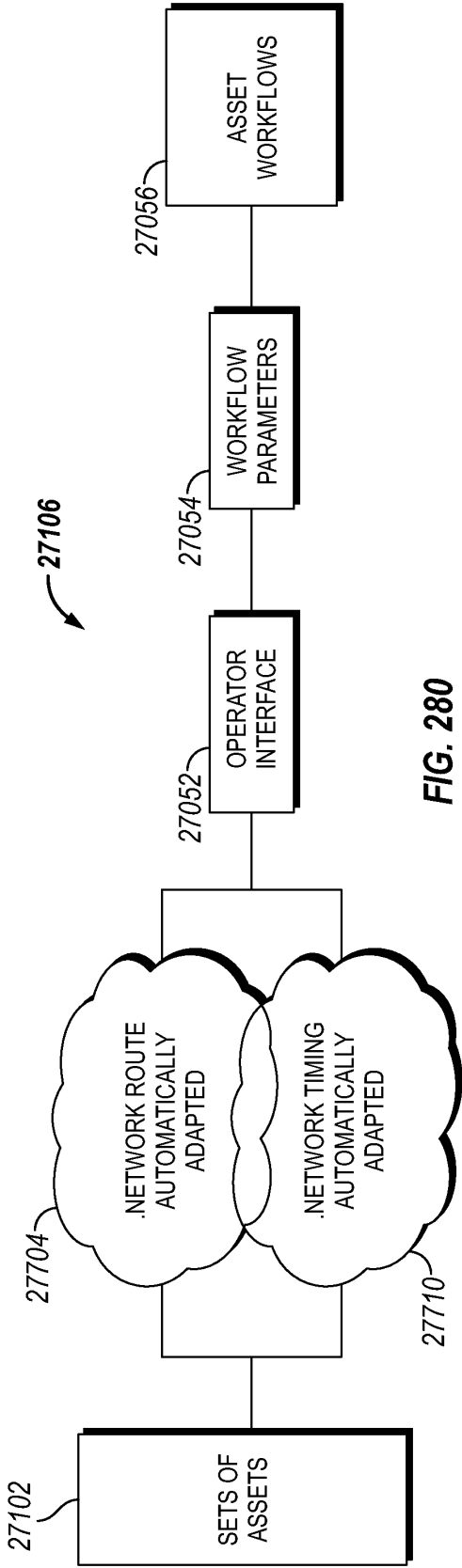


FIG. 280

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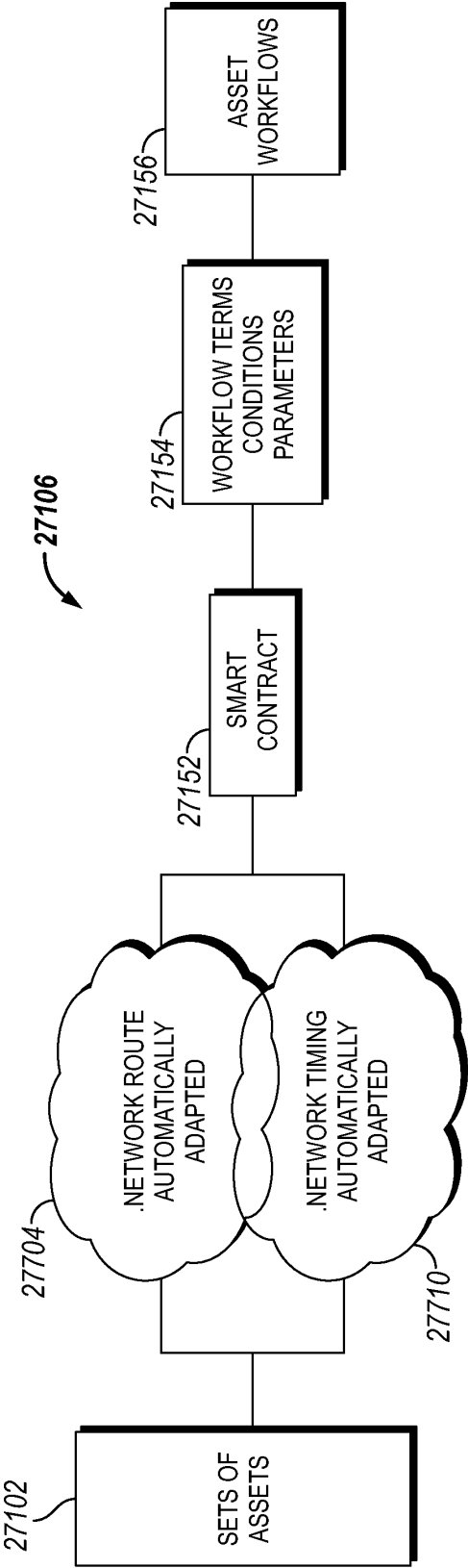


FIG. 281

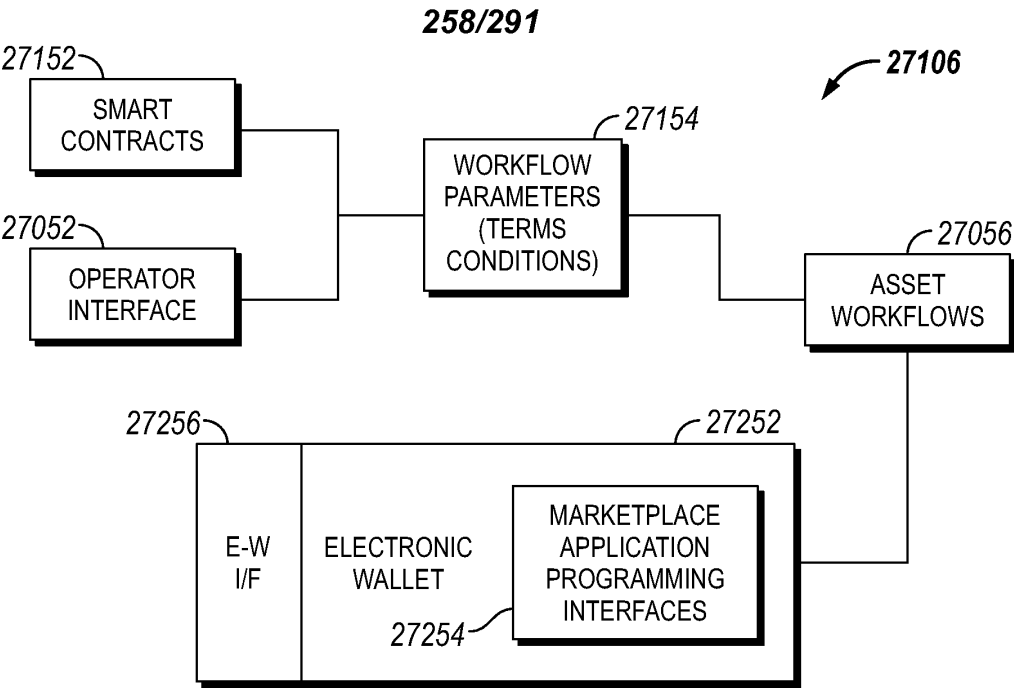


FIG. 282

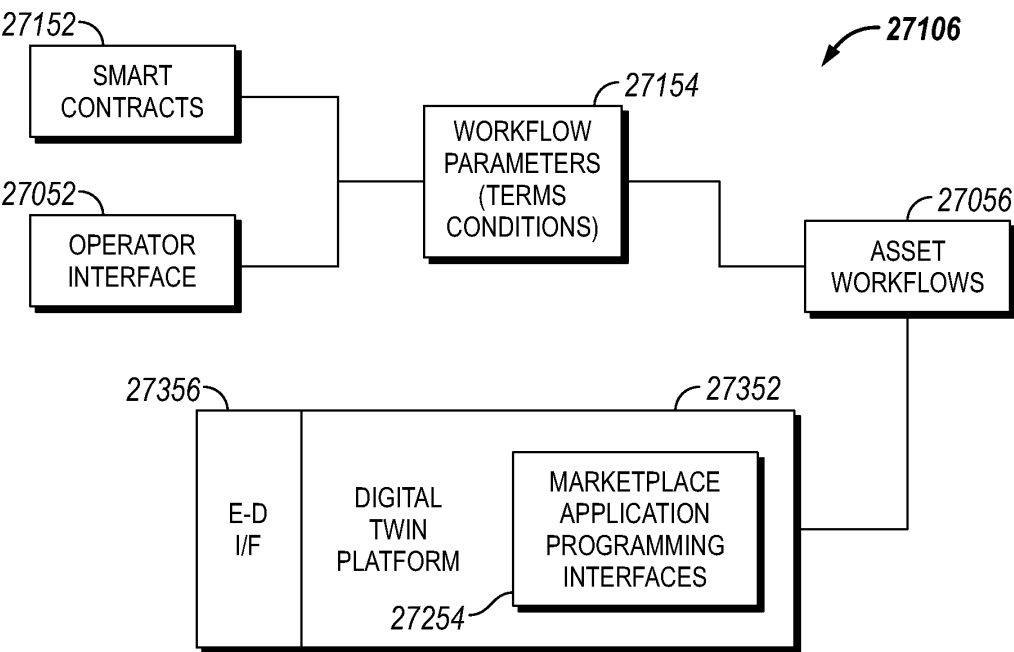


FIG. 283

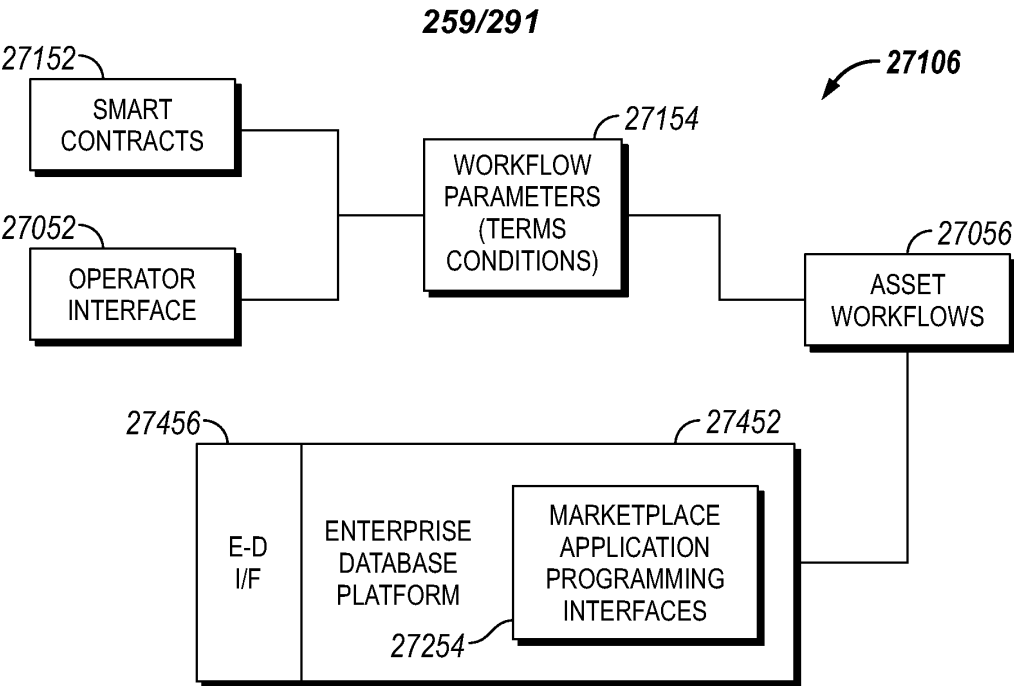


FIG. 284

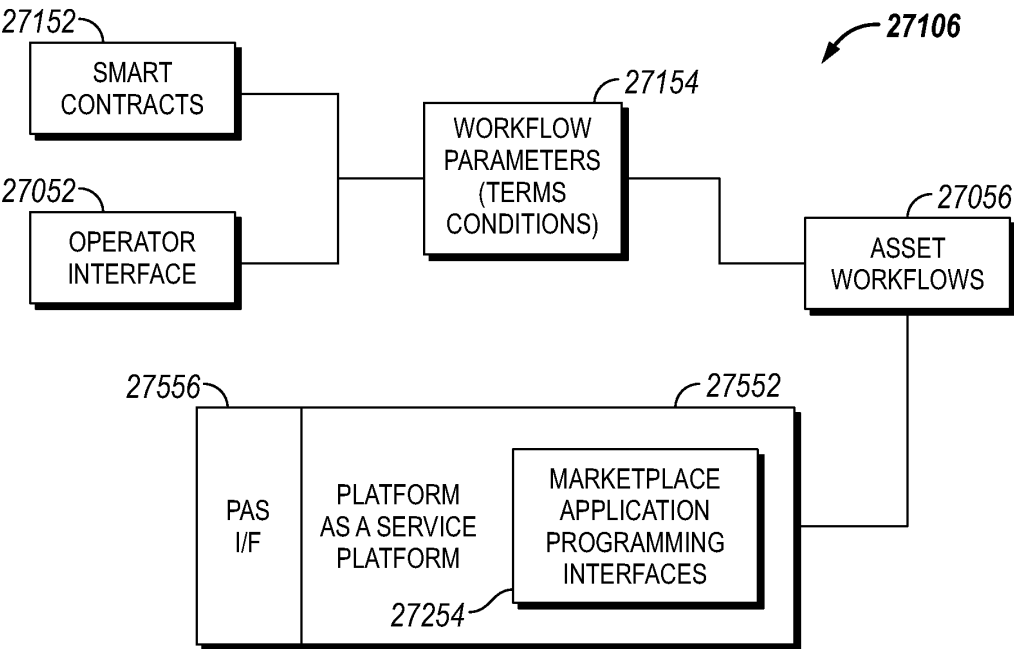


FIG. 285

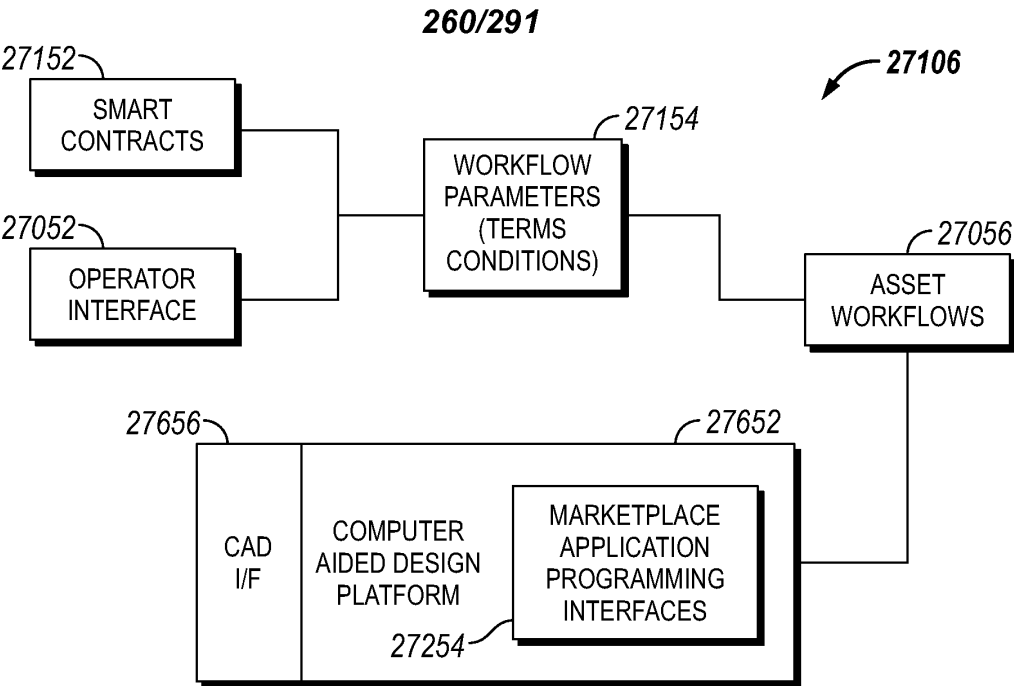


FIG. 286

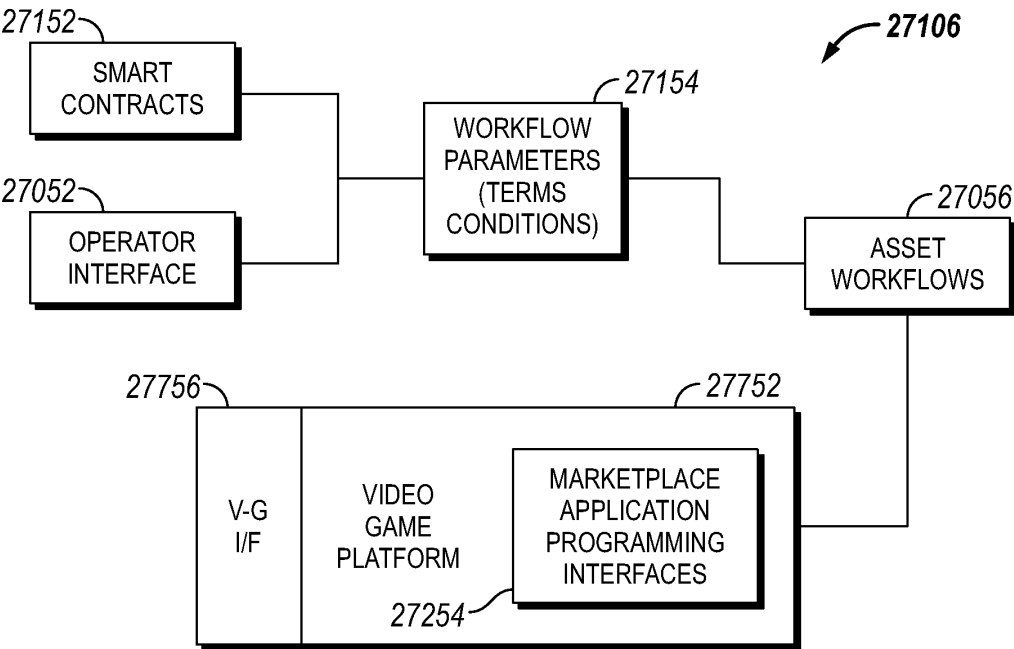


FIG. 287

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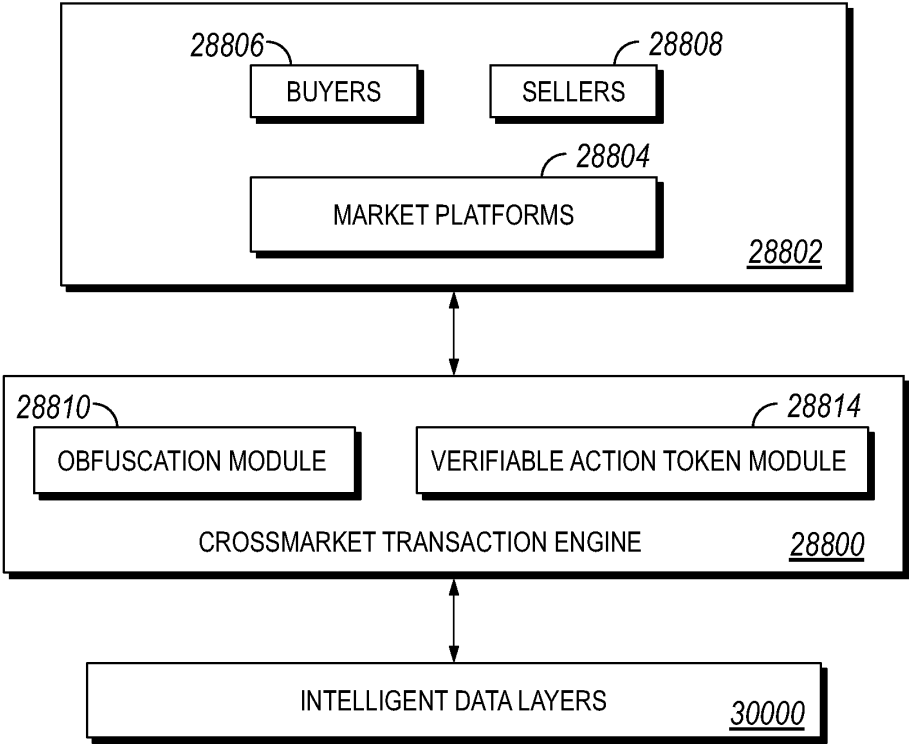


FIG. 288

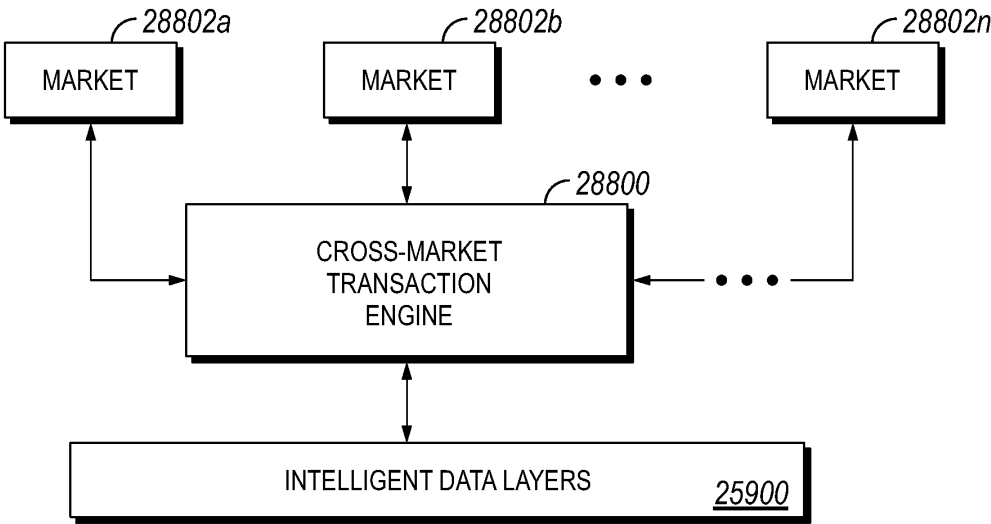


FIG. 289

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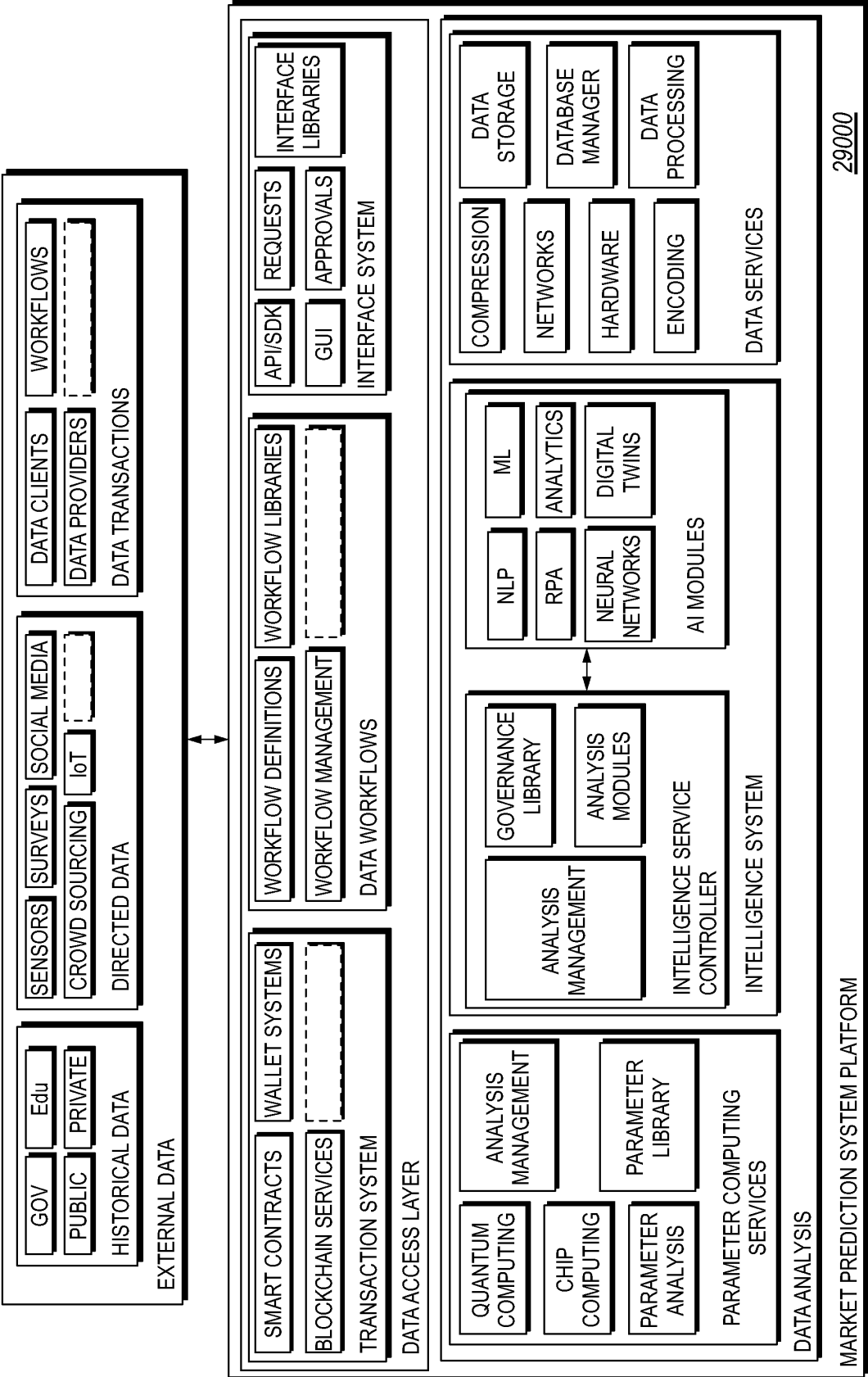


FIG. 290

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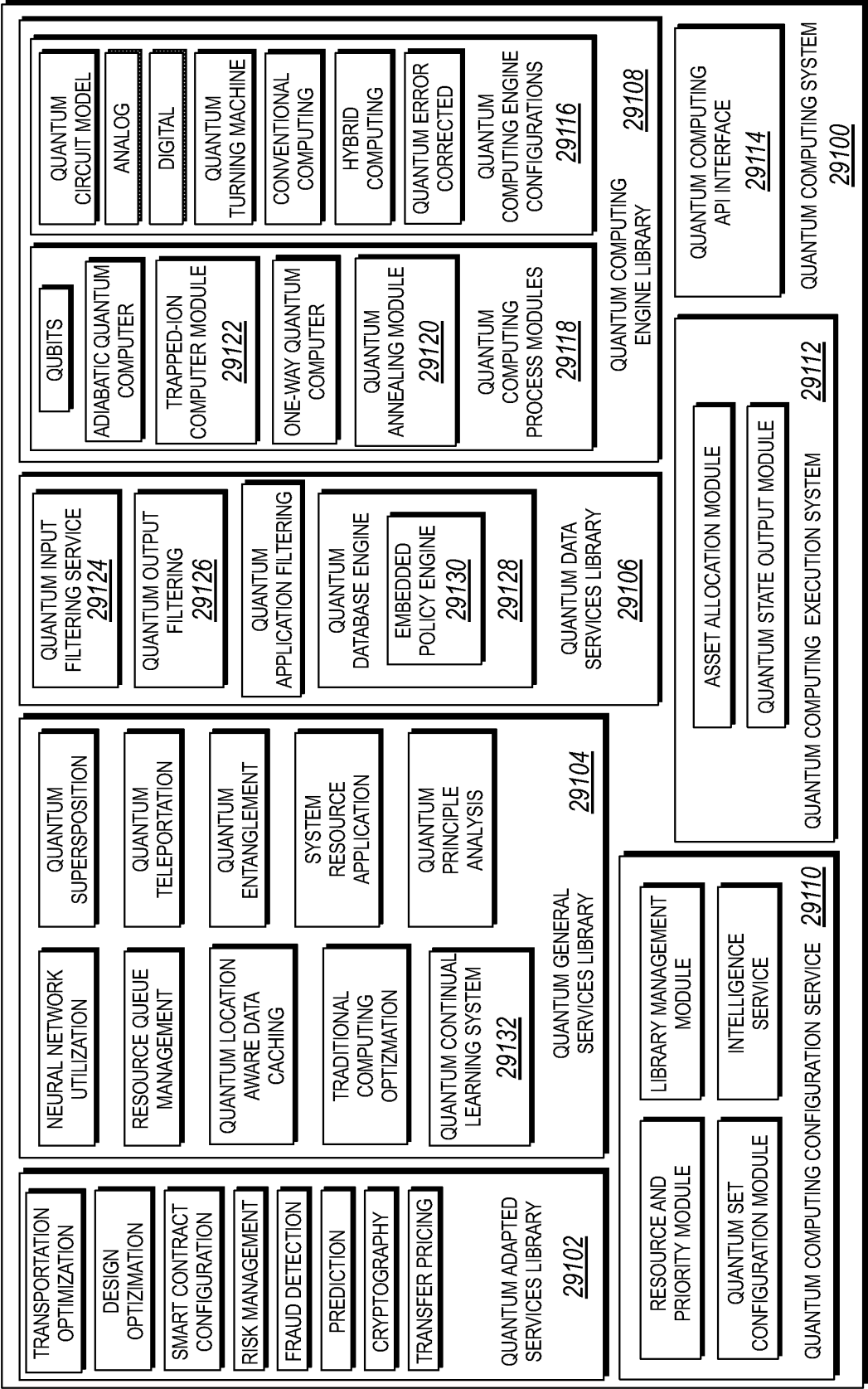


FIG. 291

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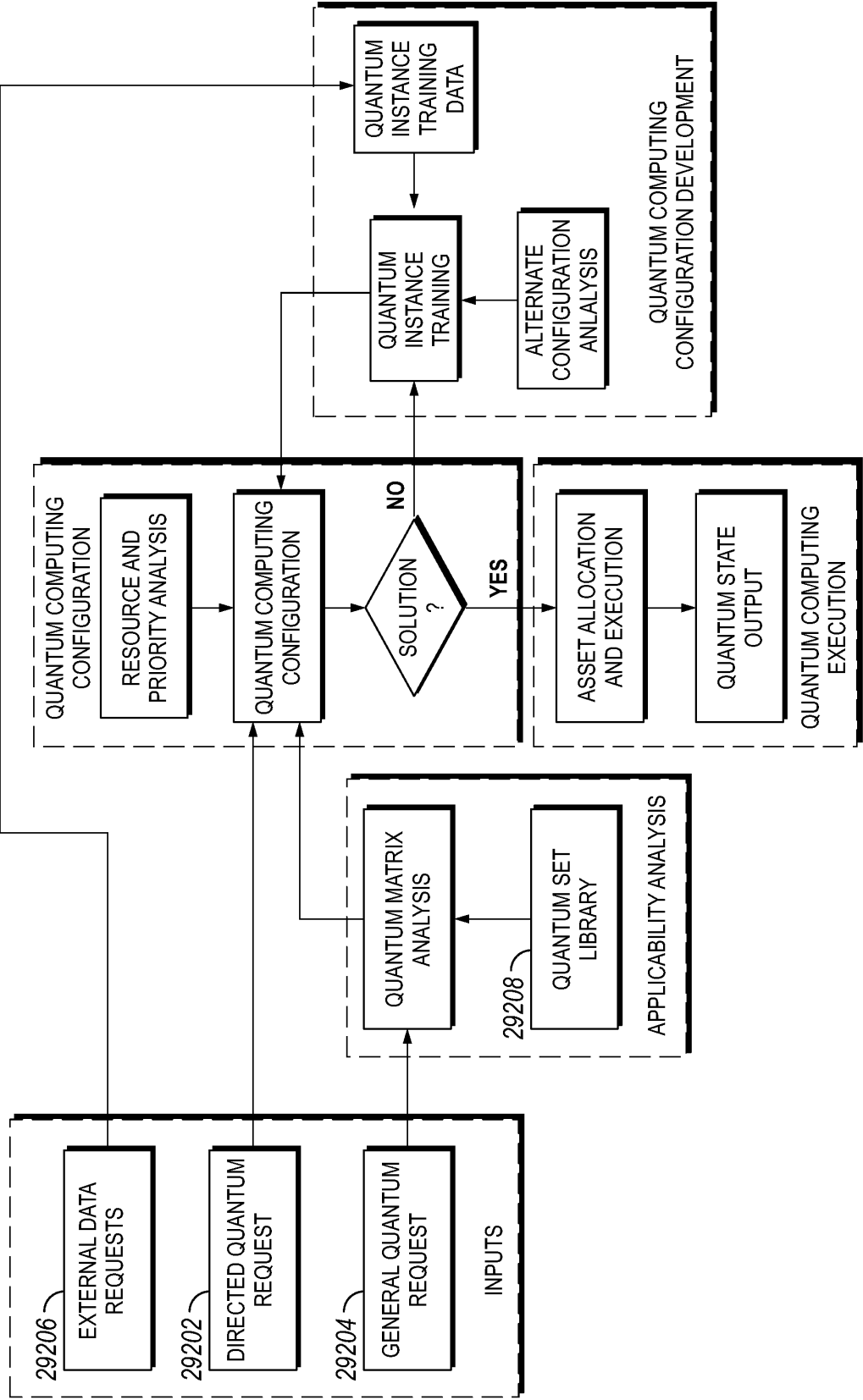


FIG. 292

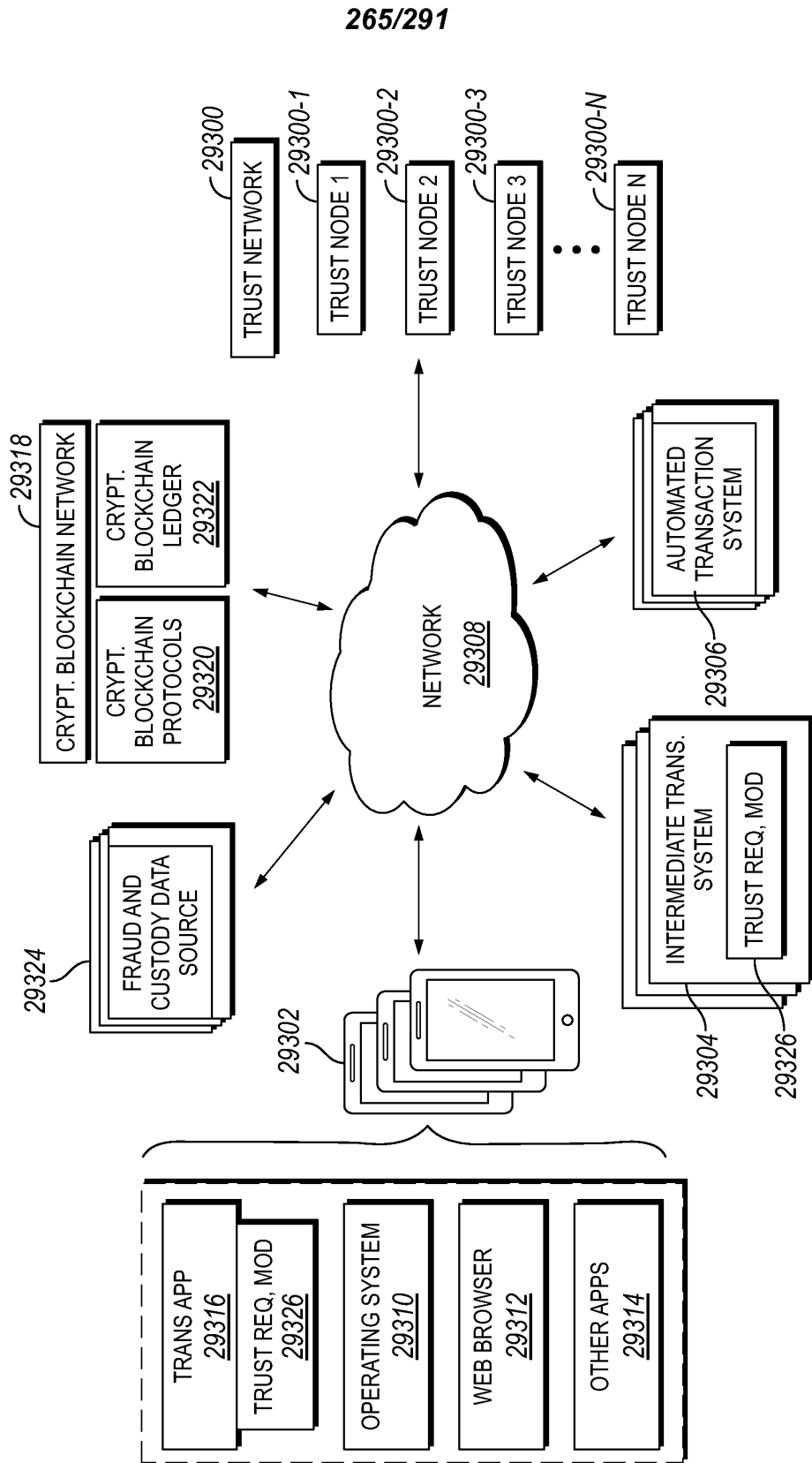


FIG. 293

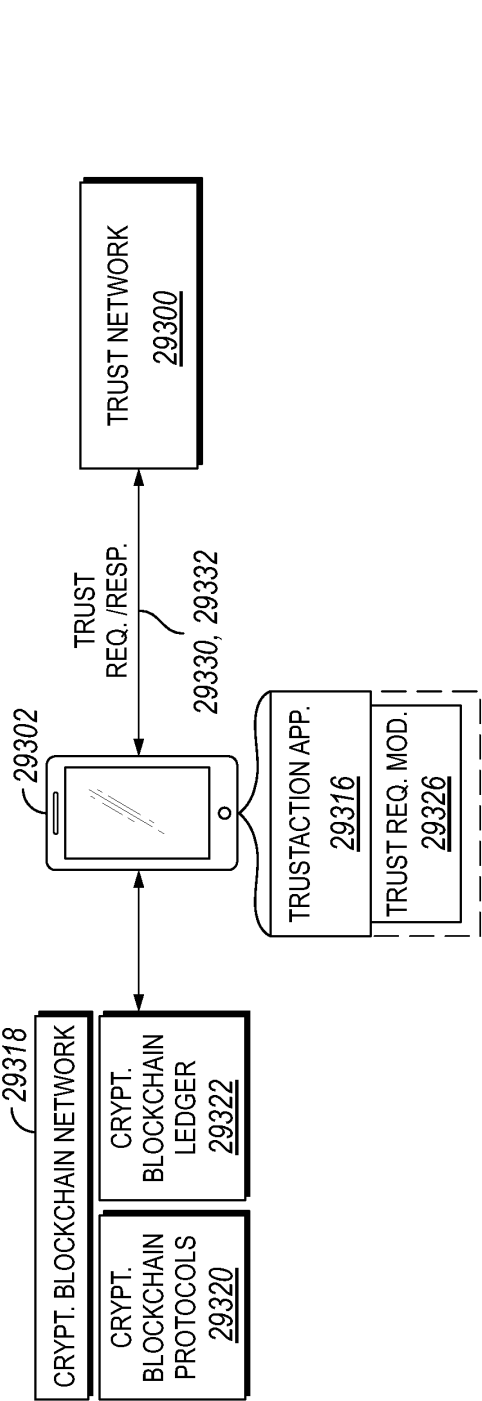


FIG. 294

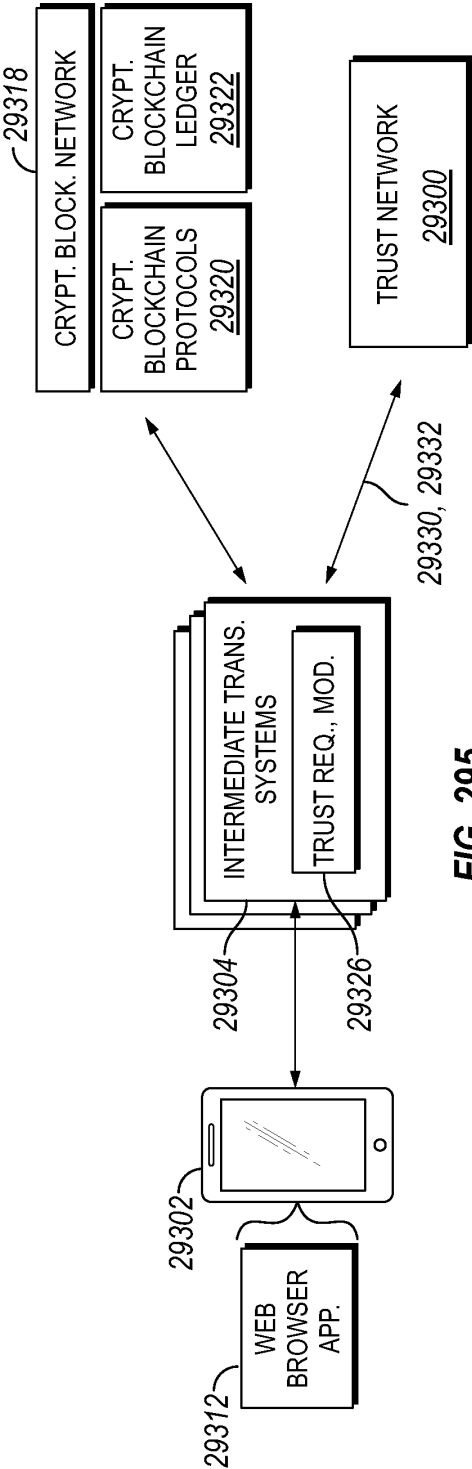
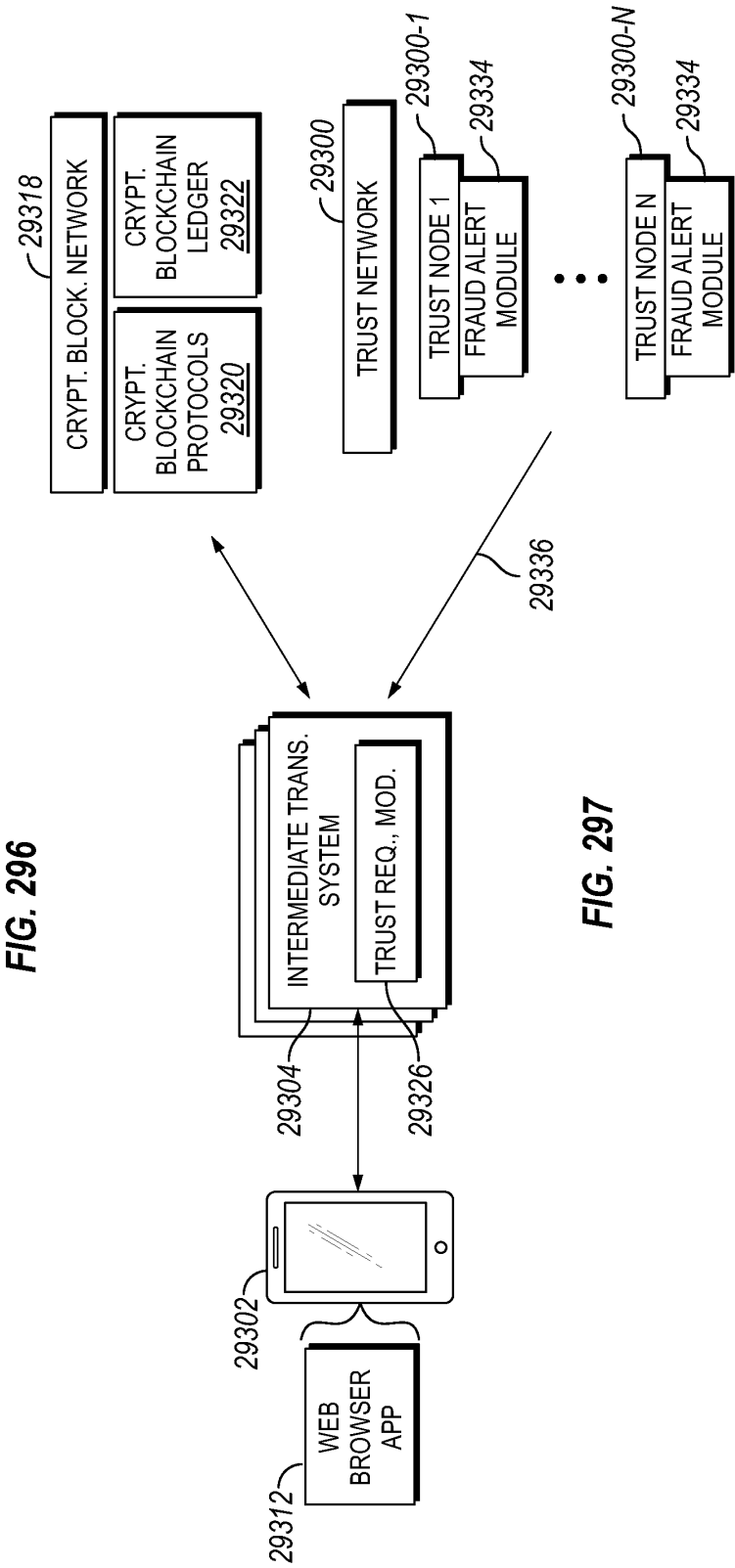
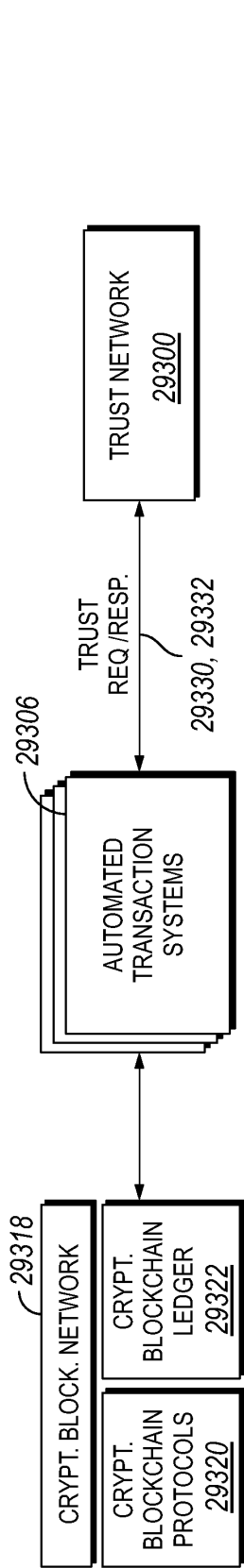
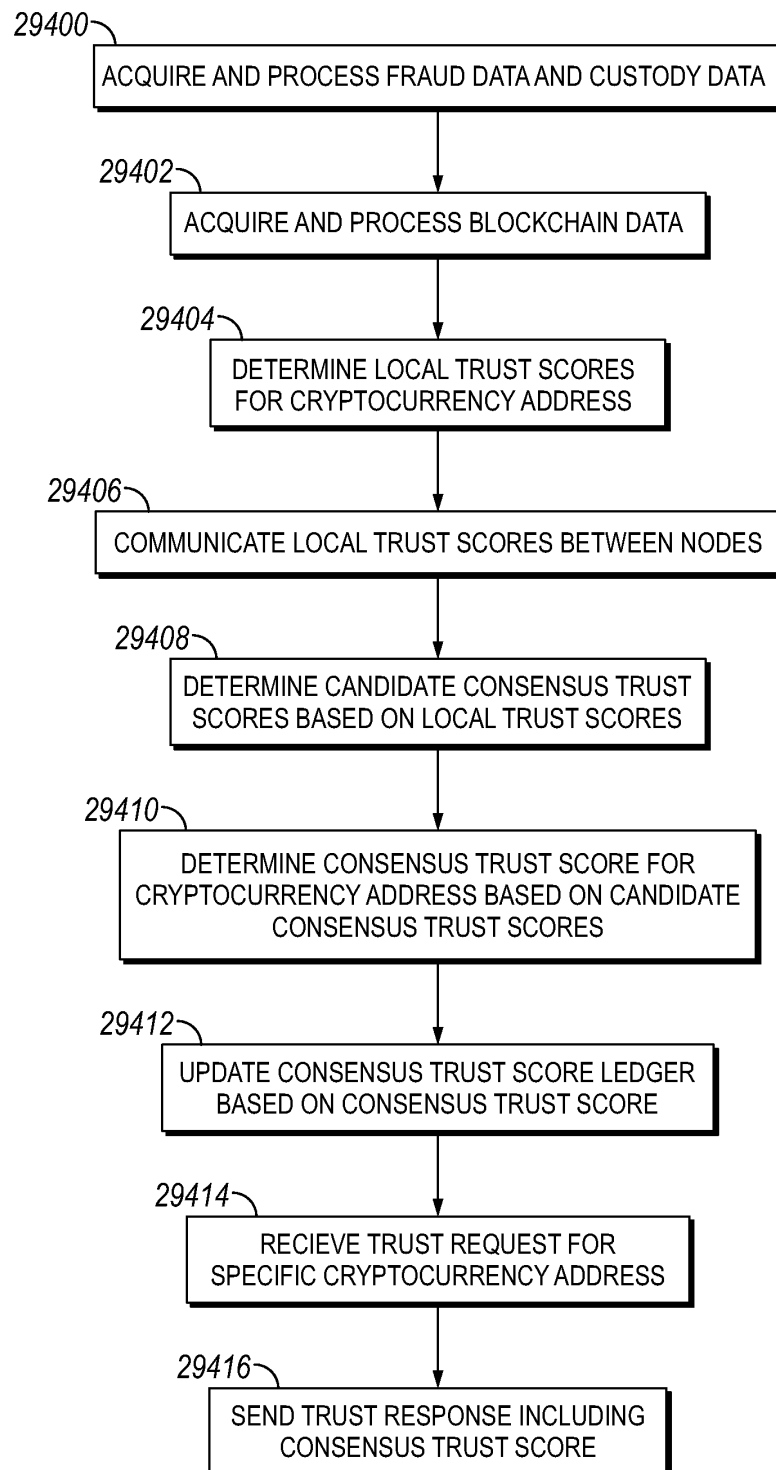


FIG. 295



268/291**FIG. 298**

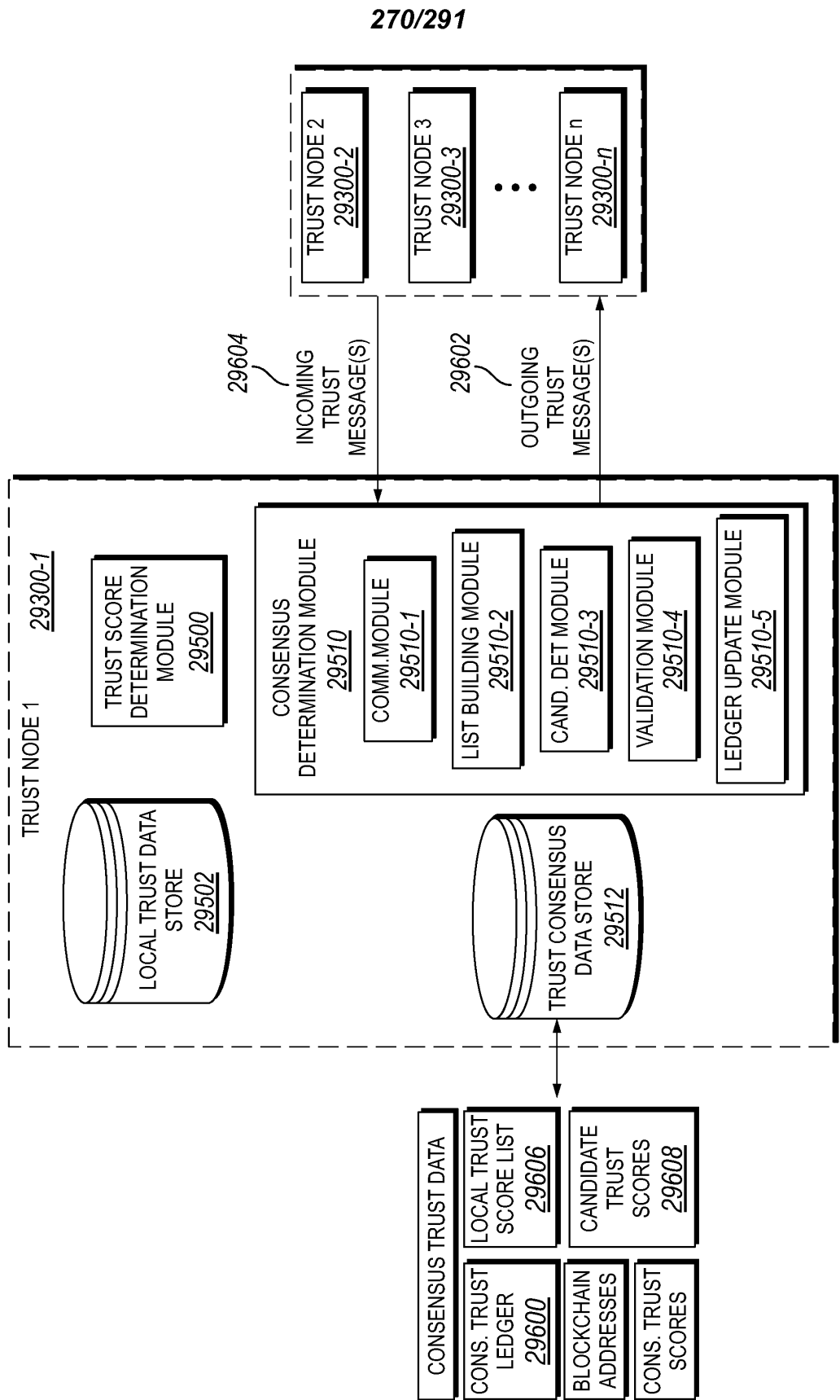
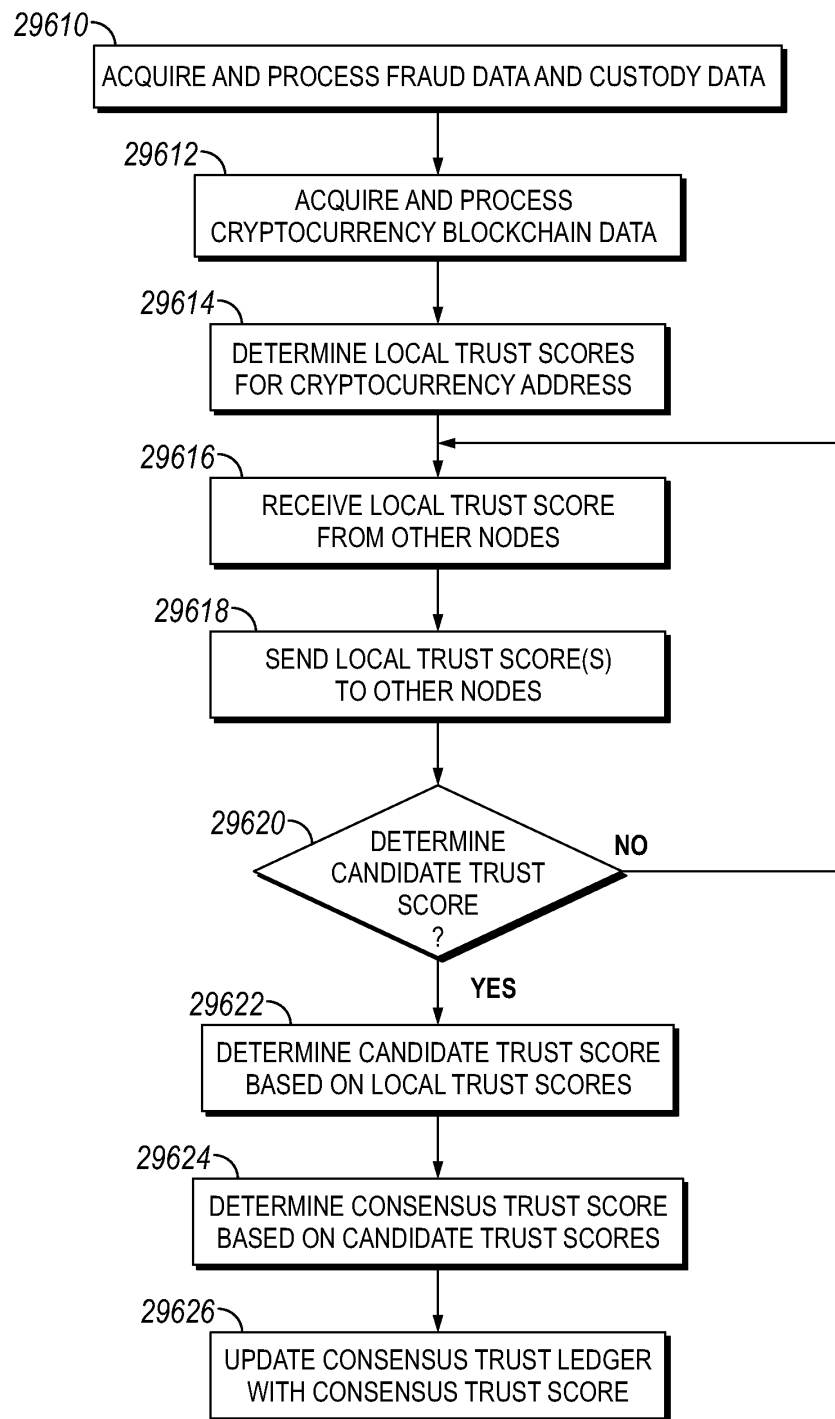


FIG. 300

271/291**FIG. 301**

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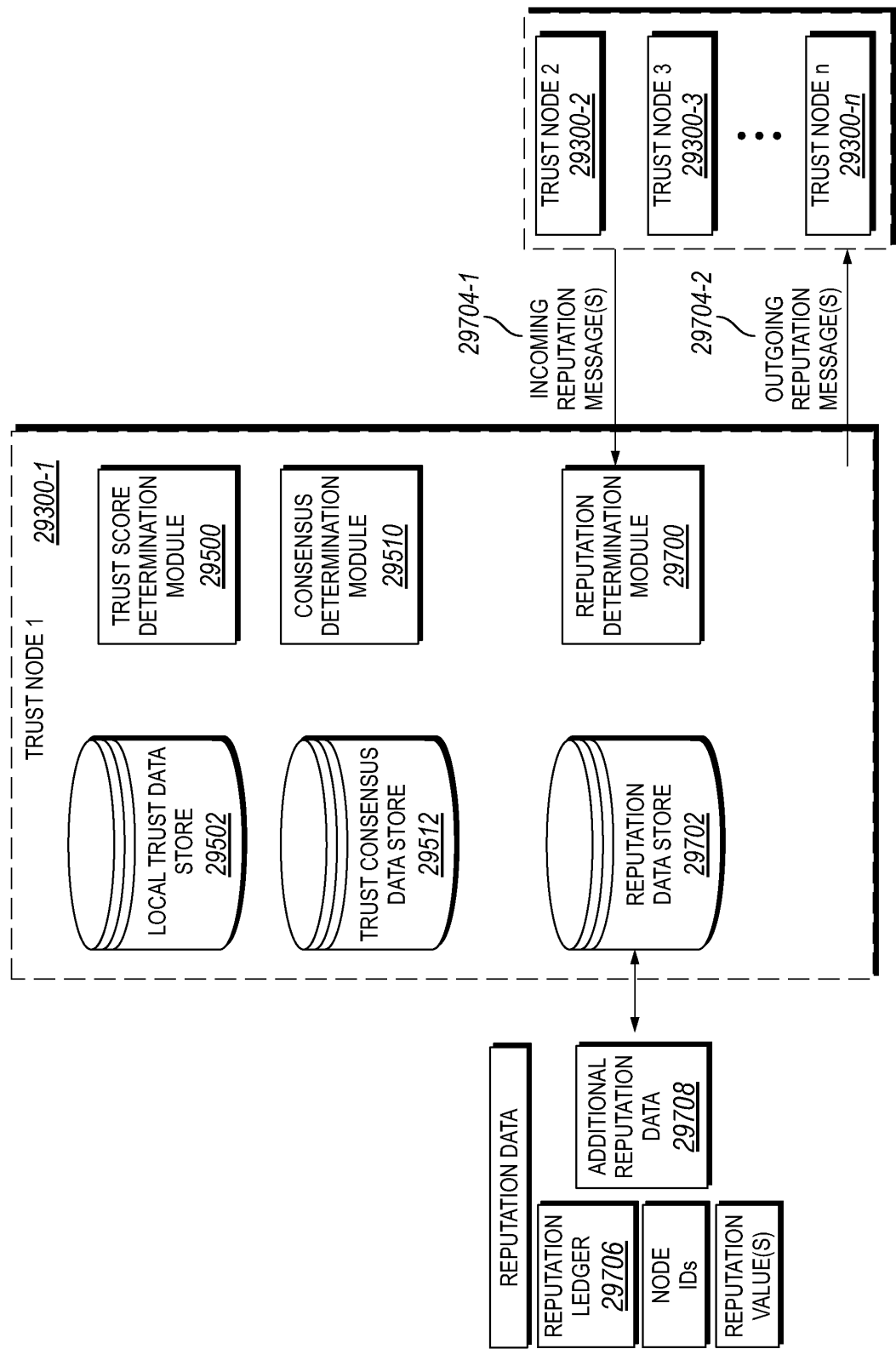


FIG. 302

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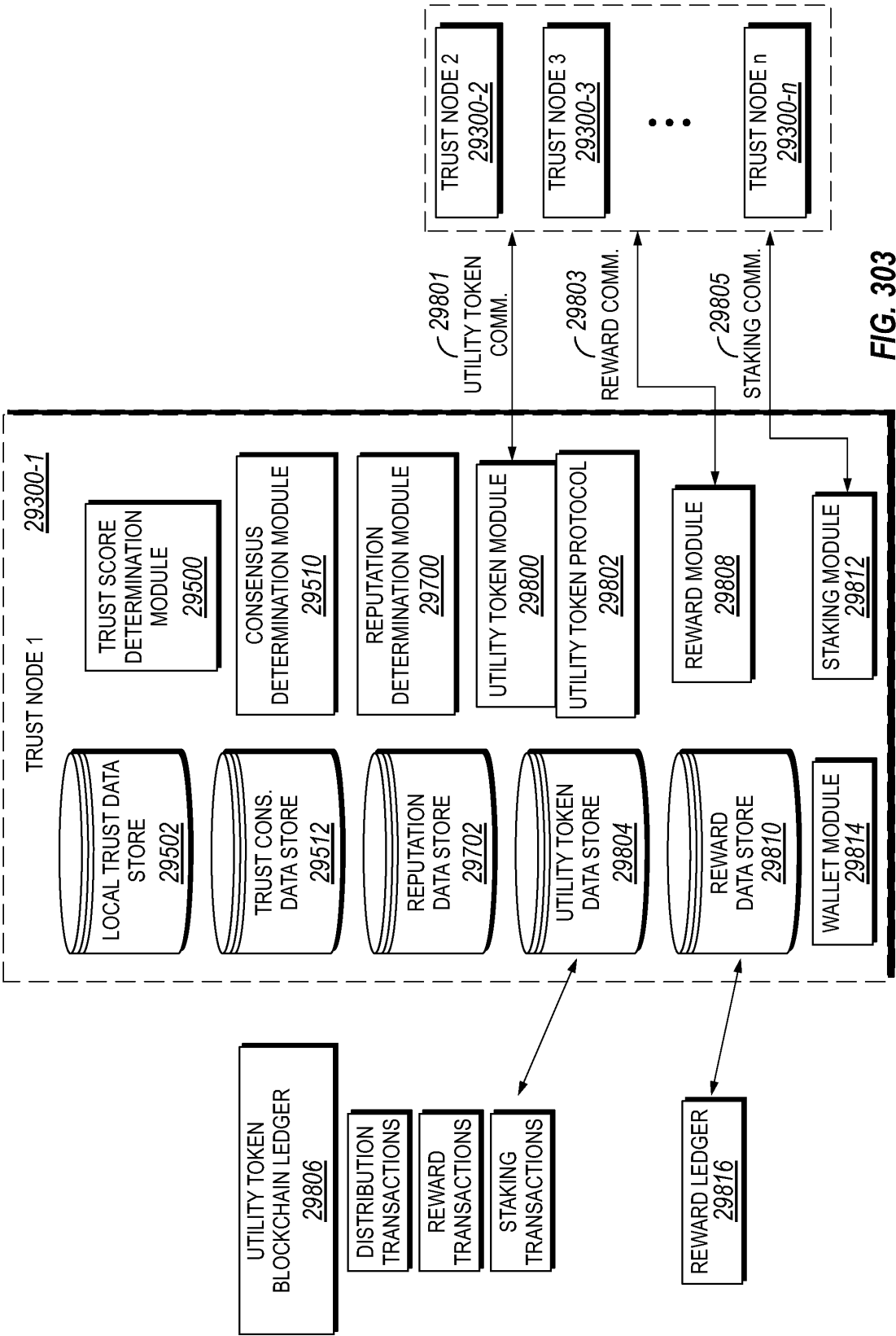
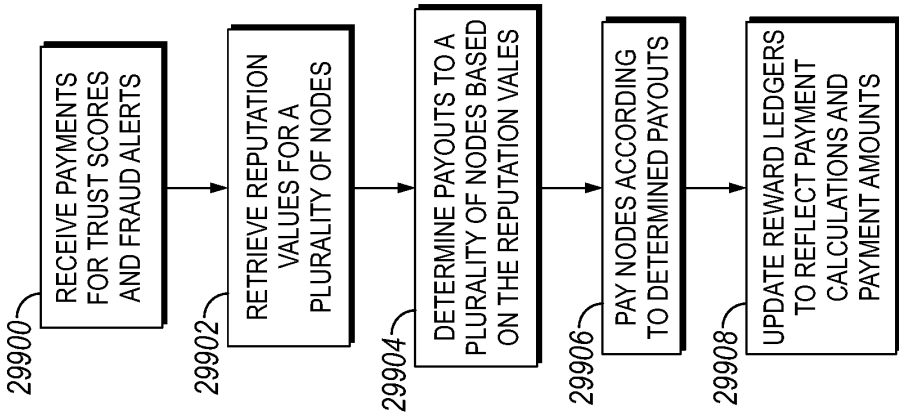
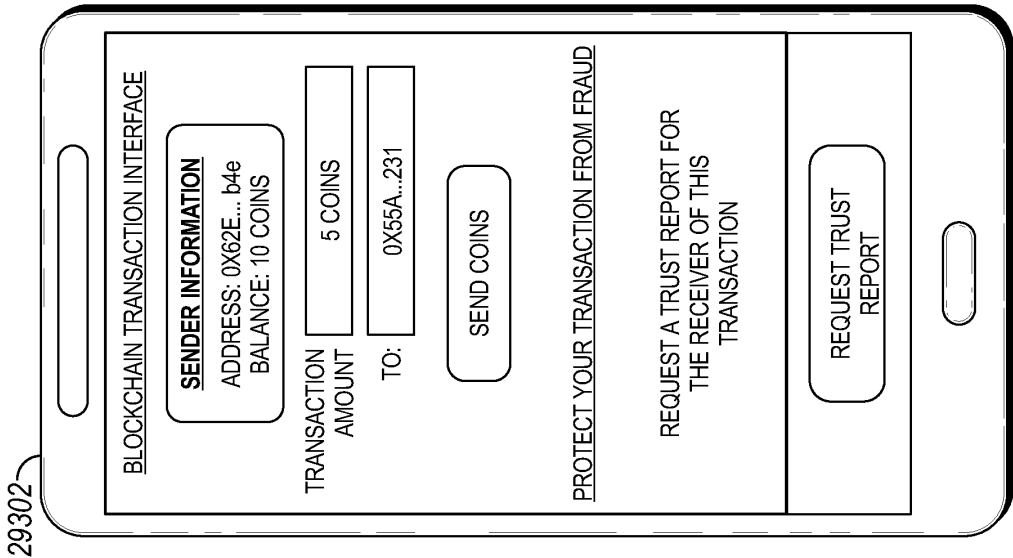
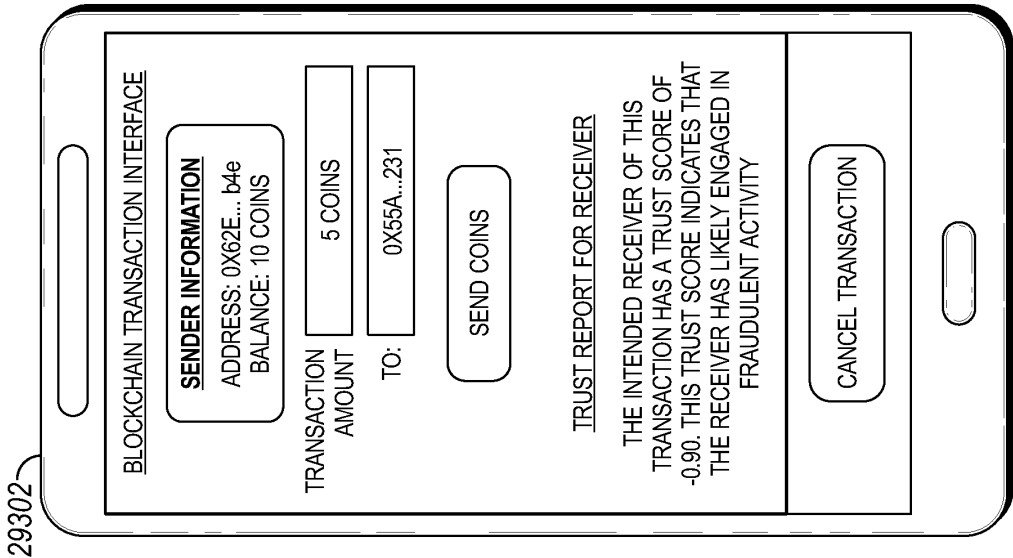


FIG. 303

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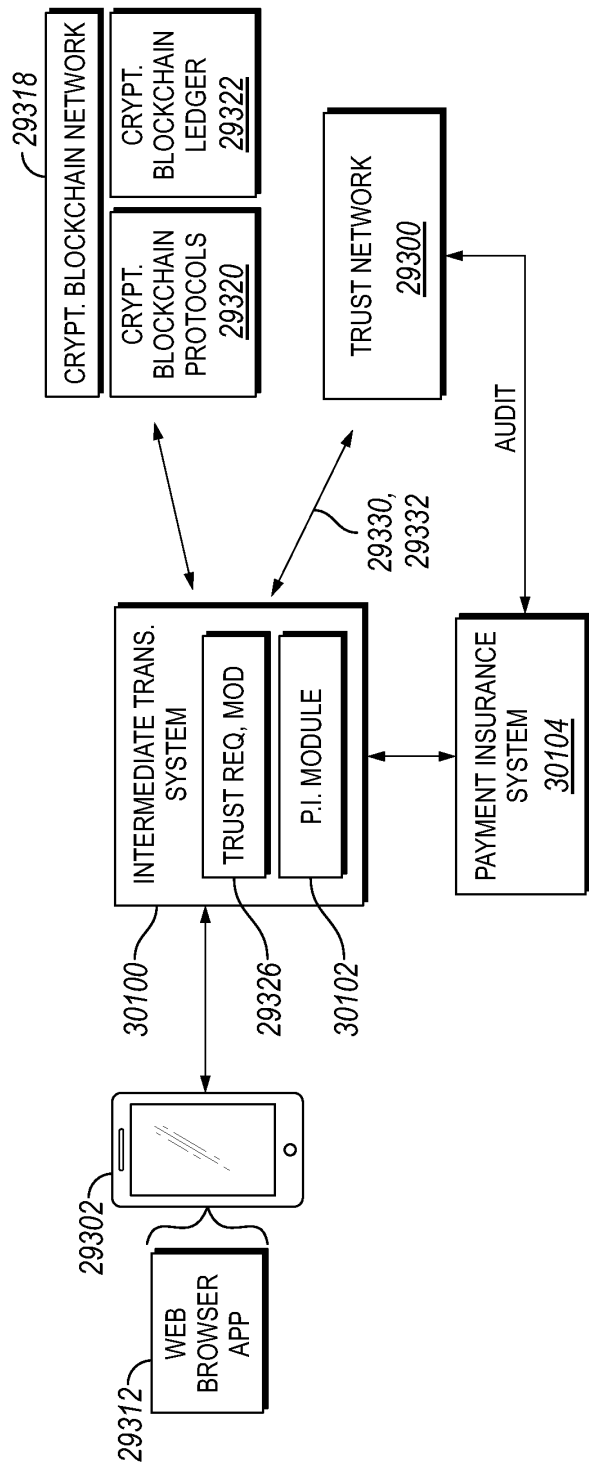


FIG. 307

STACKED UTOKEN	0	100k	1M	10M	100M
COST PER SCORE	x	.95x	.9x	.85x	.8x

FIG. 308

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NODE SERVICES	LEVEL 1 NODE	LEVEL 2 NODE	LEVEL 3 NODE
DELIVER TRUST SCORES	YES	NO	NO
ADD EVIDENCE OF FRAUD	YES	NO	NO
DELIVER FRAUD ALERTS	YES	YES	NO
MANAGE TRUST SCORE UPDATES AND CONSENSUS	YES	YES	NO
CALCULATE TRUST SCORES	YES	YES	NO
ADD EVIDENCE OF CUSTODY	YES	YES	NO
VALIDATE AND STORE EVIDENCE OF FRAUD	YES	YES	YES
VALIDATE AND STORE EVIDENCE OF CUSTODY	YES	YES	YES

FIG. 309

NODES	100	200	300	400	500	600	700	800	900	1000
CLIQUES	100	200	300	400	500	600	700	800	900	1000
OVERLAP	5	7.5	10	12.5	15	17.5	20	22.5	25	27.5
P(ADDRESS A)	0.05%	.038%	.033%	.031%	.030%	.029%	.029%	.028%	.028%	.028%

FIG. 310

UTOKEN STAKING AMOUNTS FOR LEVEL 1 NODES	MINIMUM NODES ³	MAXIMUM NODES ⁴	MINIMUM NODES ³	MAXIMUM NODES ⁴
	35% OF INITIAL UTOKEN		50% OF INITIAL UTOKEN	
3,5000,000	100.00	100.00	142.86	314.29
700,000	500.00	2,100.00	714.29	3,171.43
350,000	1,000.00	4,600.00	1,428.57	6,742.86
175,000	2,000.00	9,600.00	2,857.14	13,885.71
116,667	3,000.00	14,600.00	4,285.71	21,028.57
87,500	4,000.00	19,600.00	5,714.29	28,171.43
70,000	5,000.00	24,600.00	7,142.86	35,314.29

3 - MINIMUM NODES IS WHEN ALL NODES ARE LEVEL 1

4 - MAXIMUM NODES IS WHEN ALL 100 NODES ARE LEVEL1 AND THE REST ARE LEVEL 3

FIG. 311

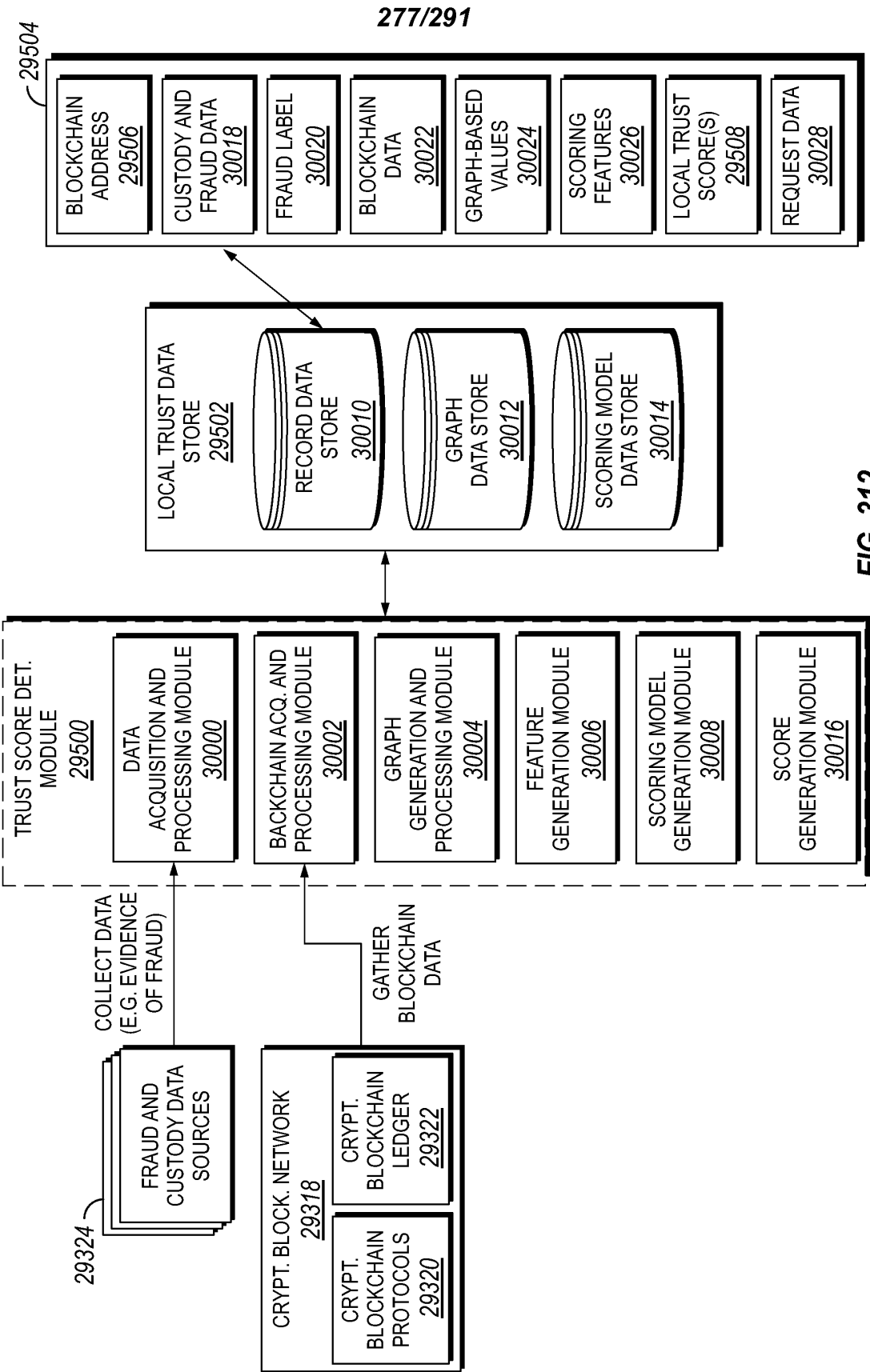
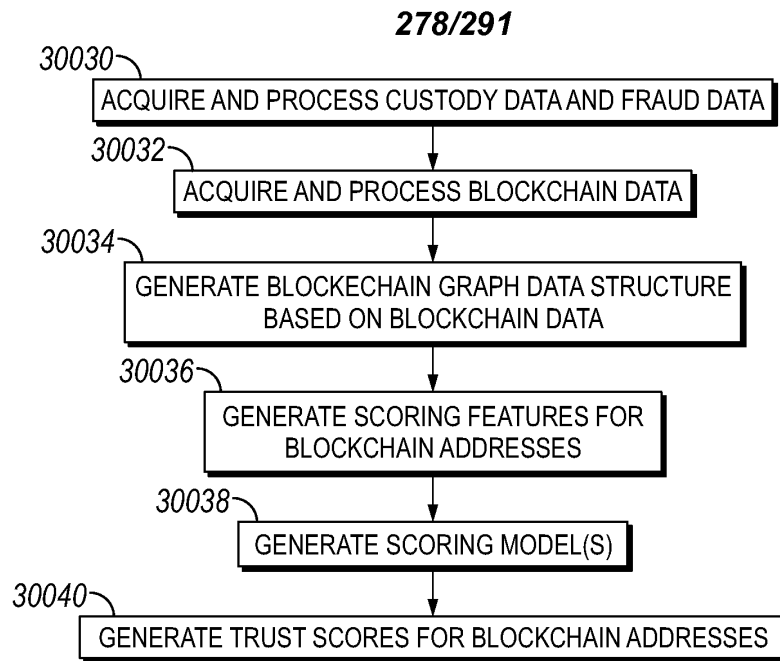
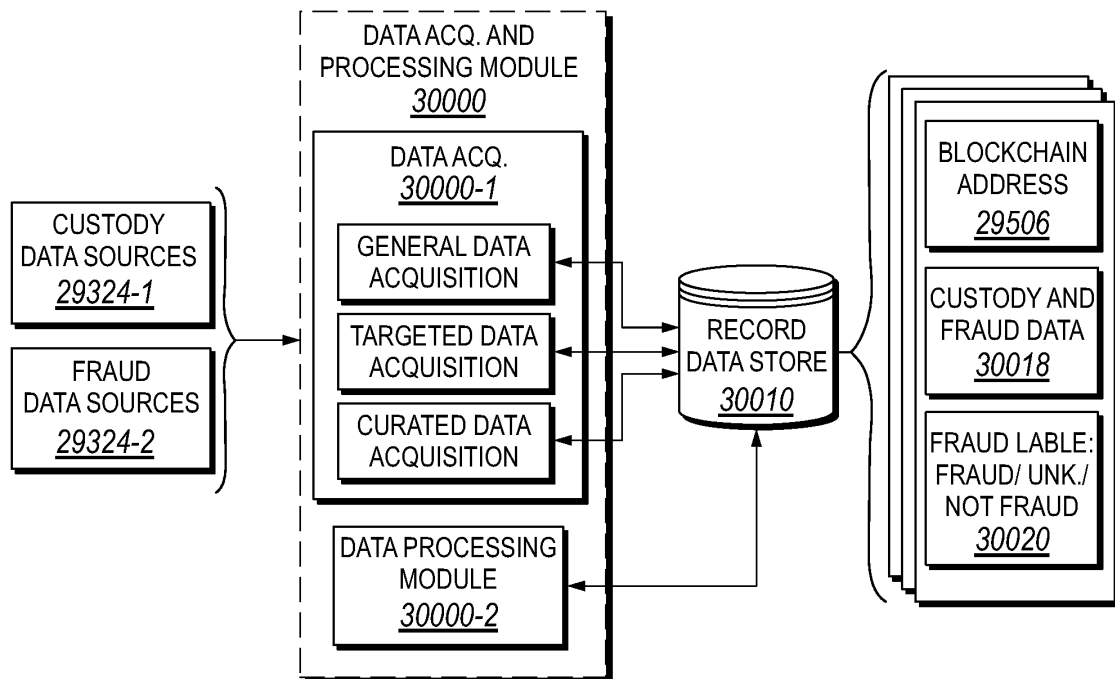


FIG. 312

**FIG. 313****FIG. 314**

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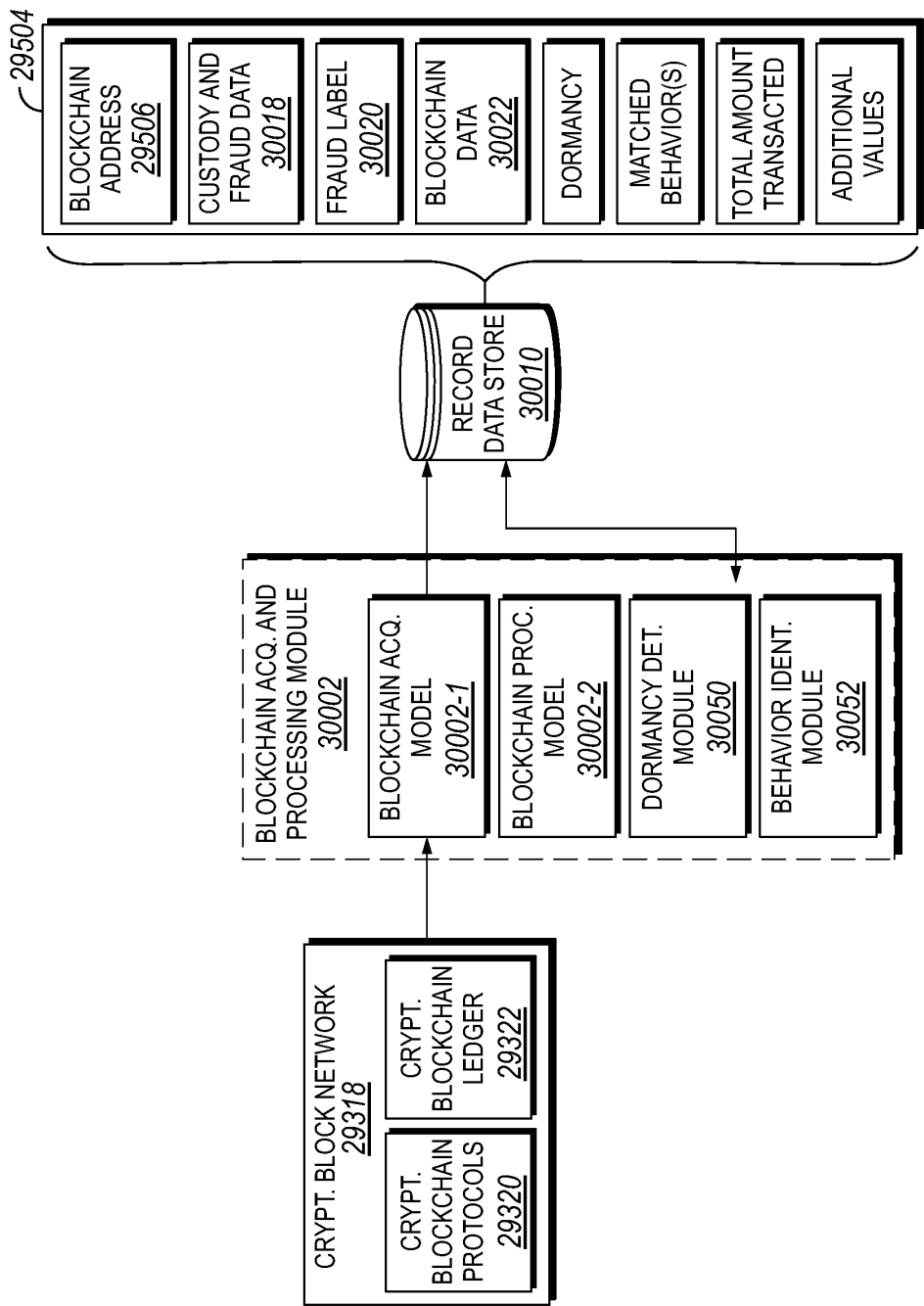
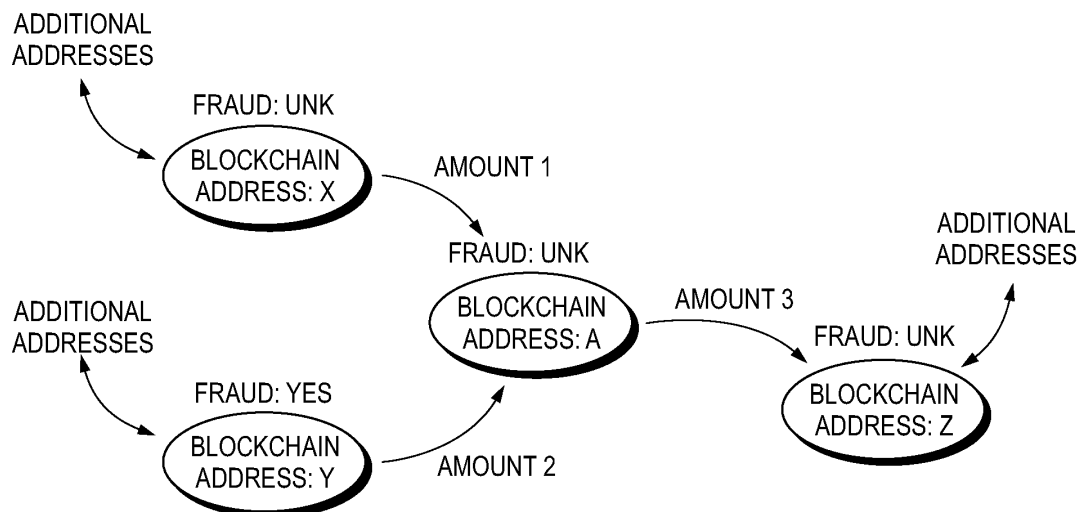
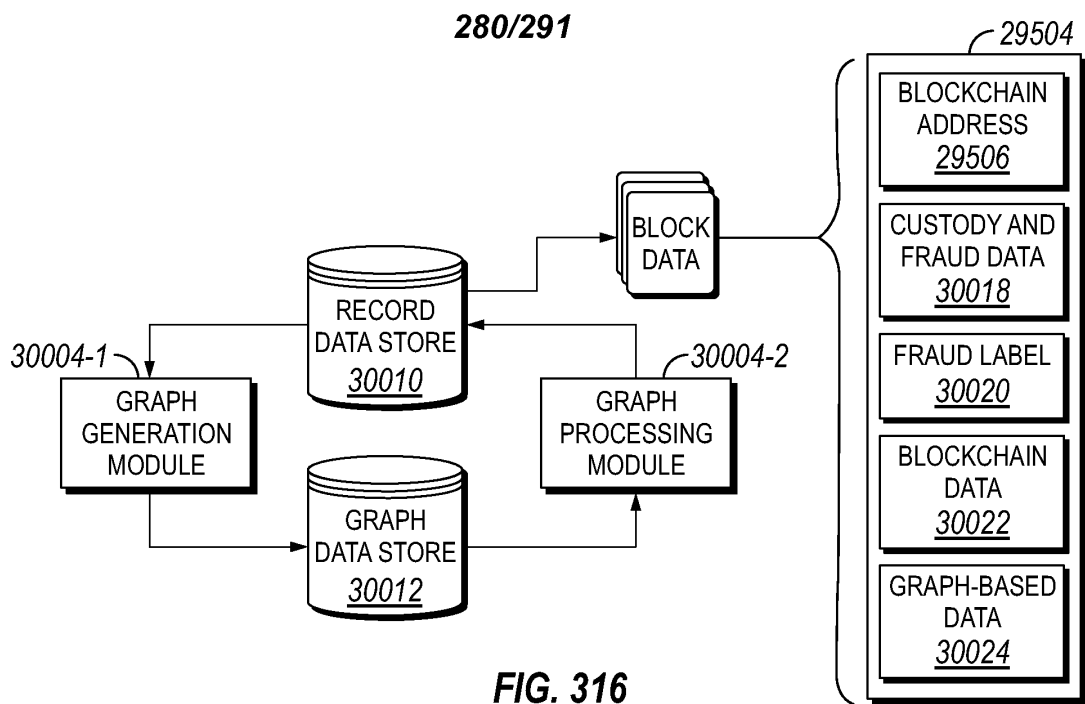


FIG. 315

**FIG. 317**

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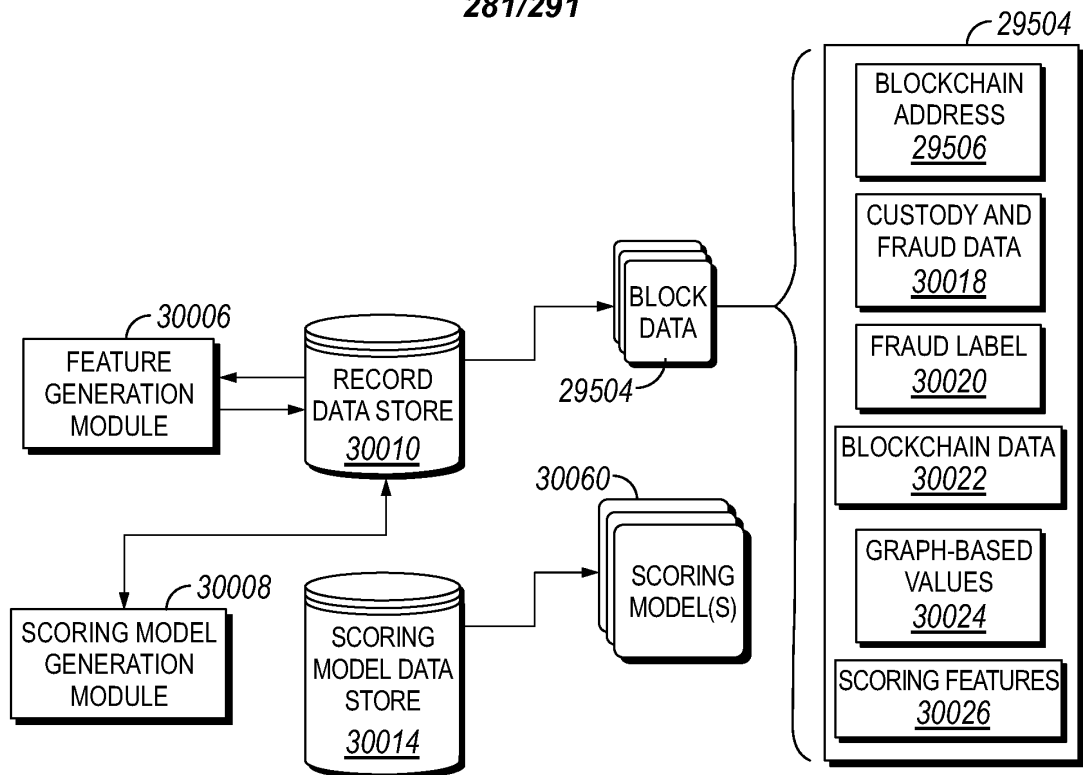


FIG. 318

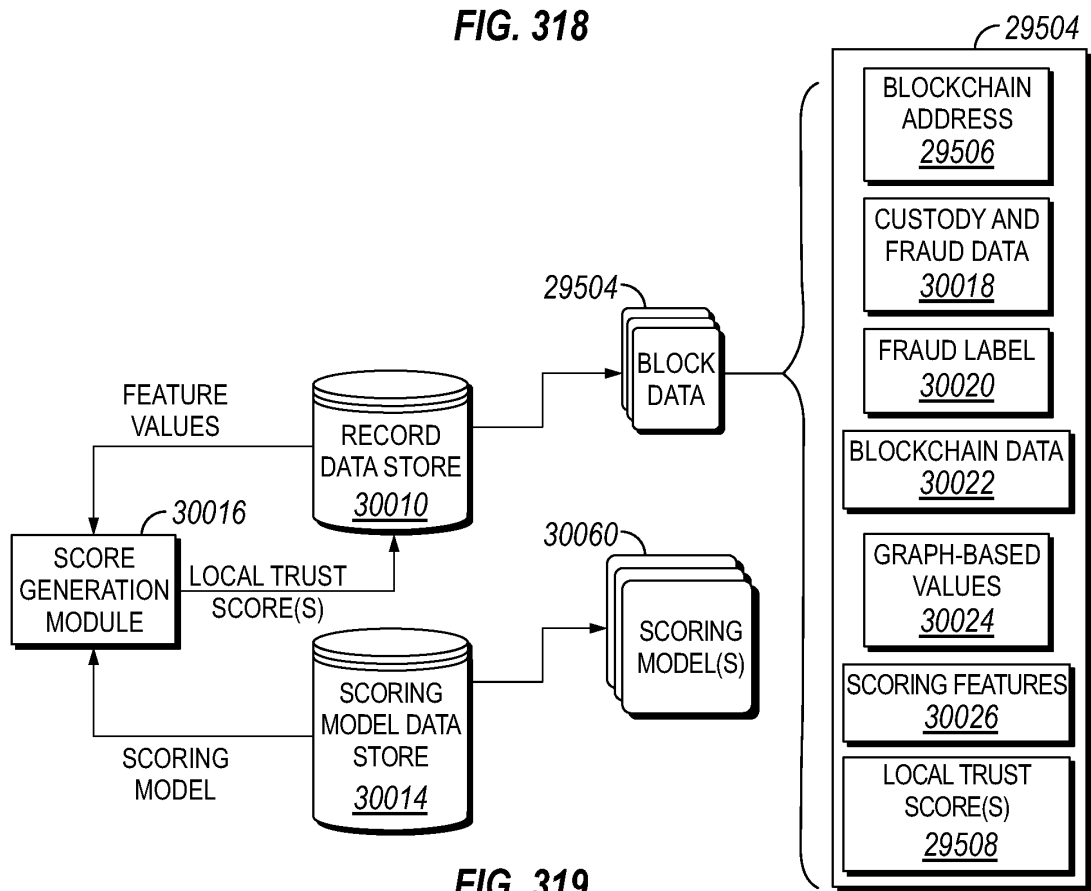


FIG. 319

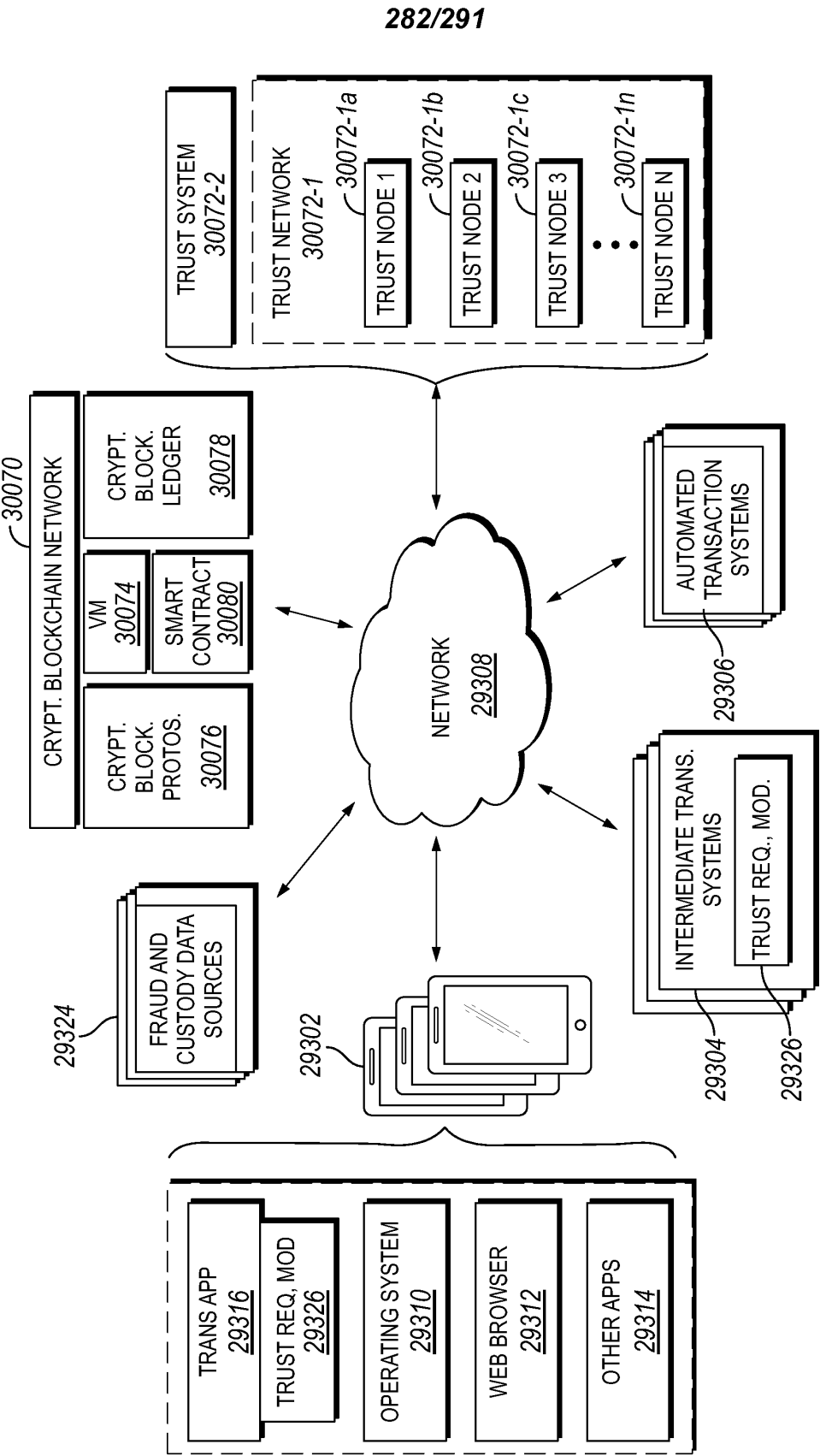


FIG. 320

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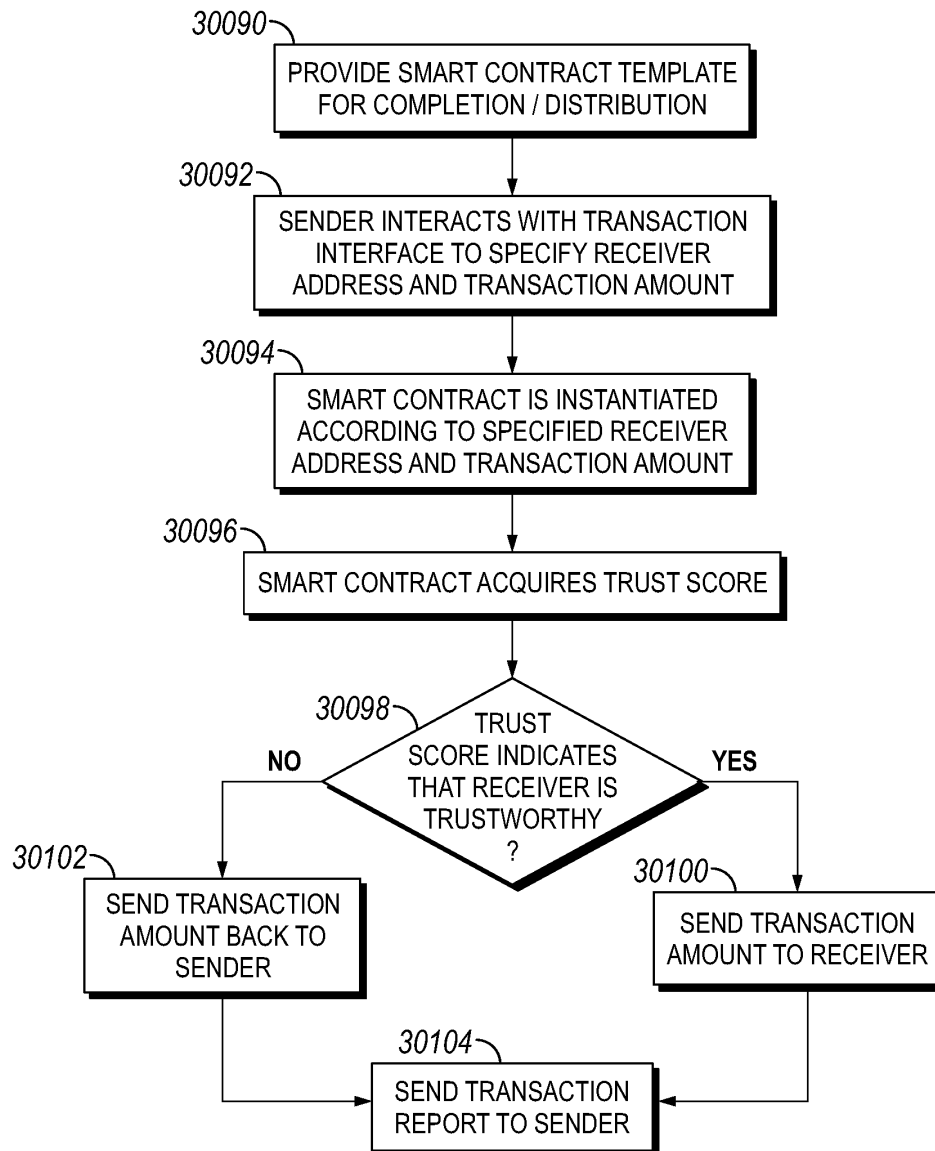


FIG. 321

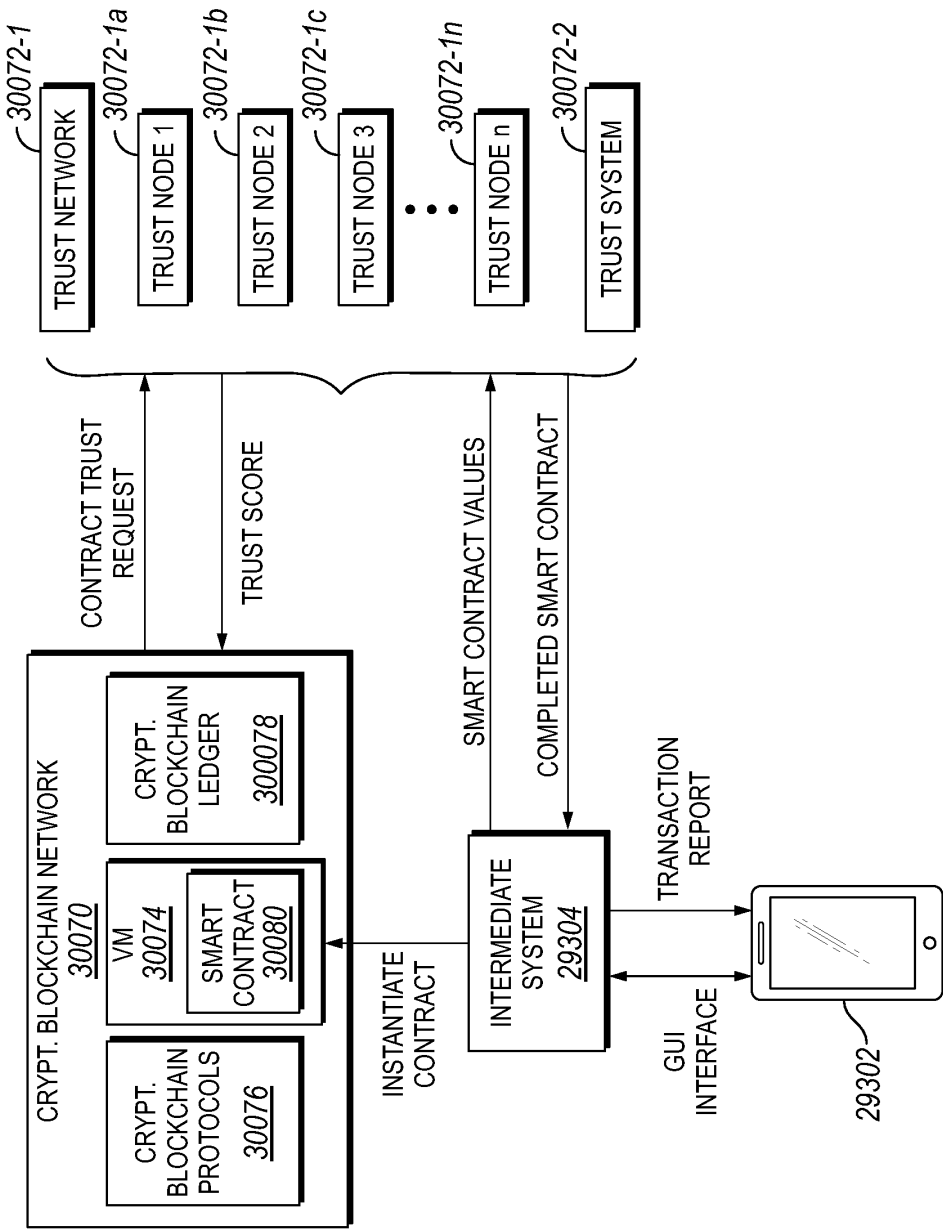


FIG. 322

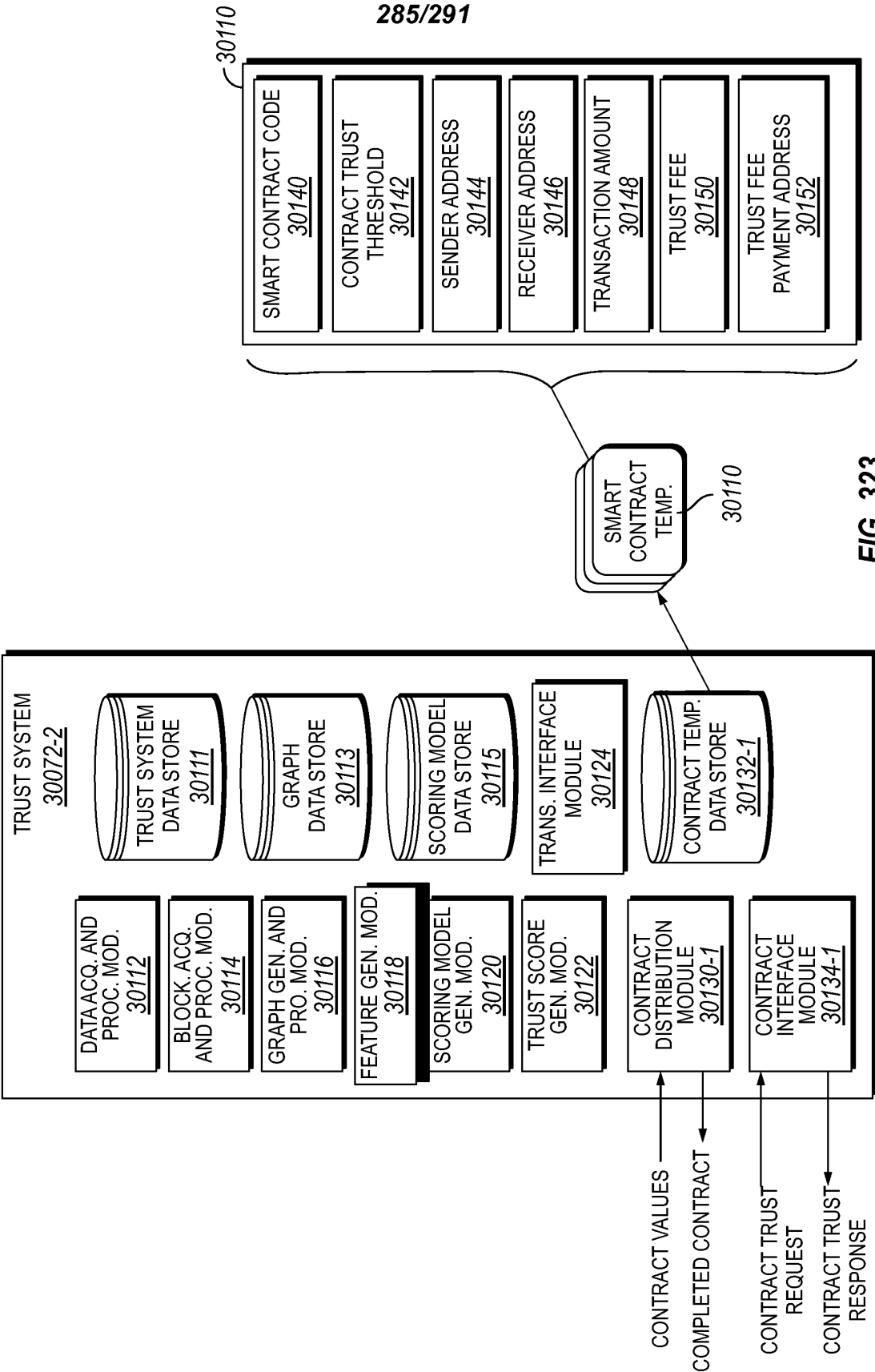


FIG. 323

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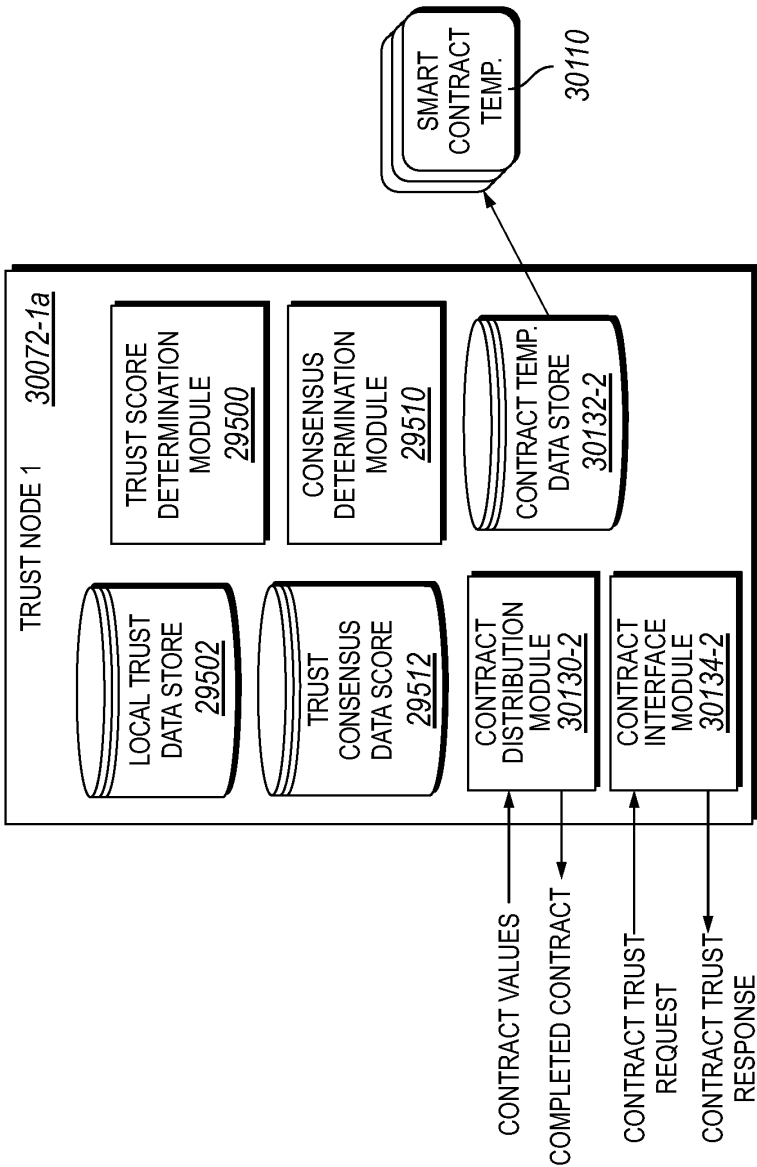


FIG. 324

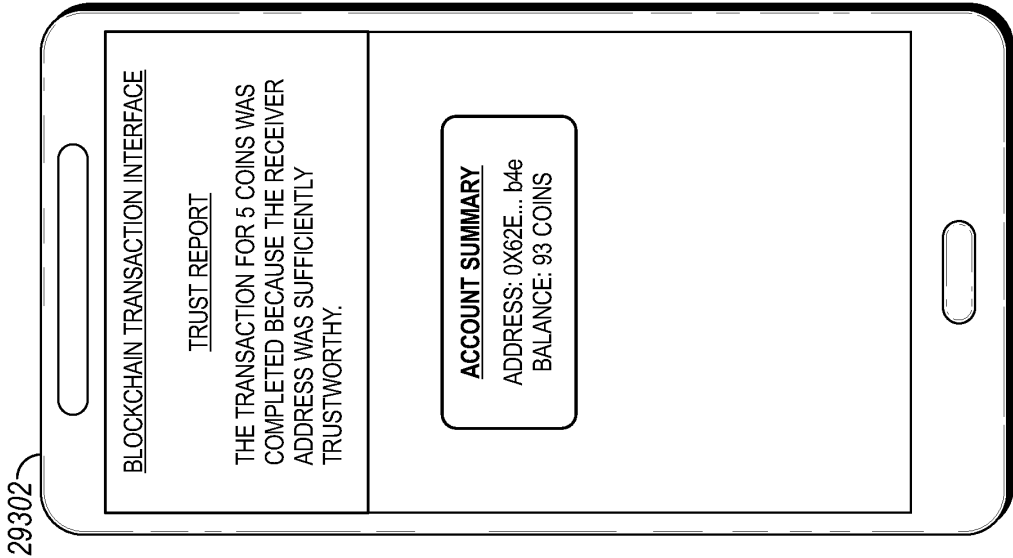


FIG. 326

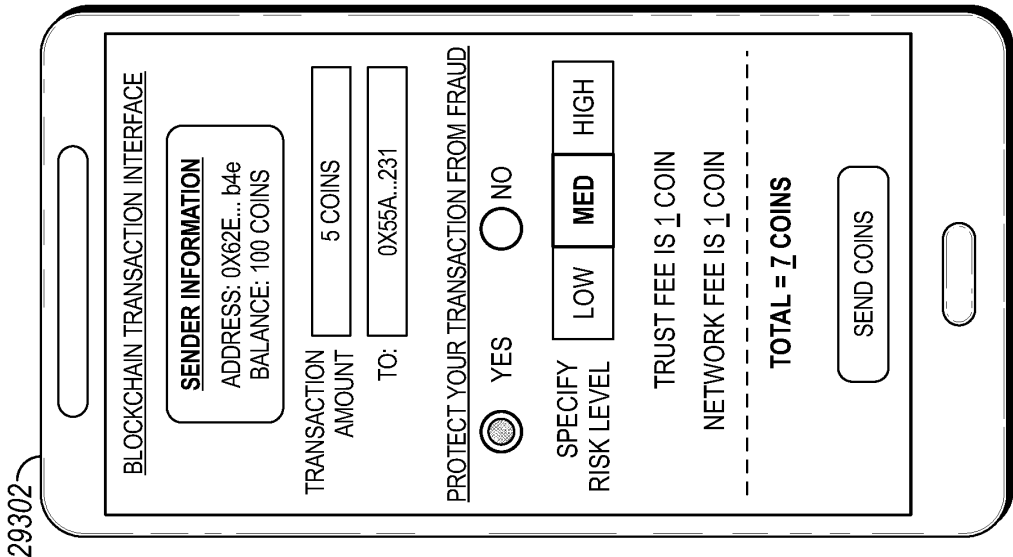
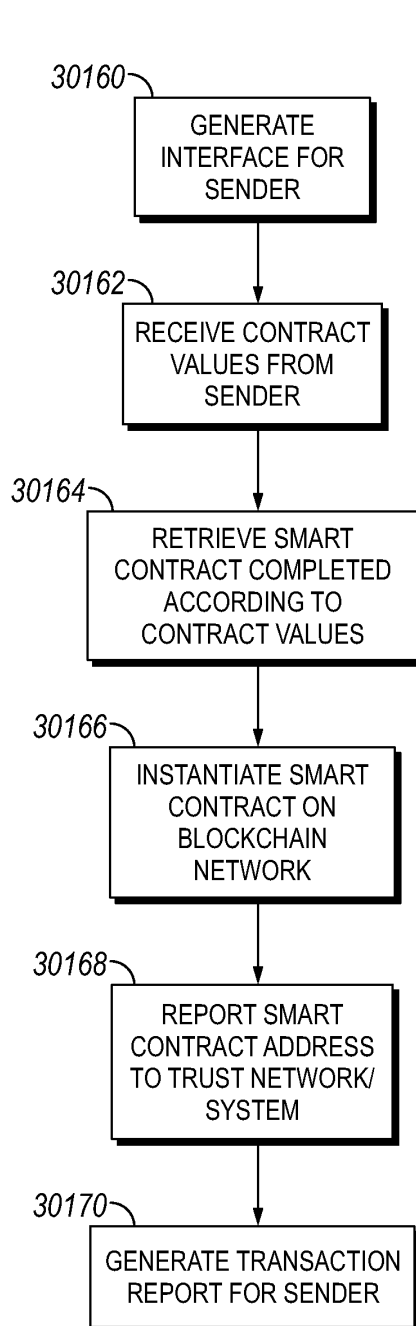
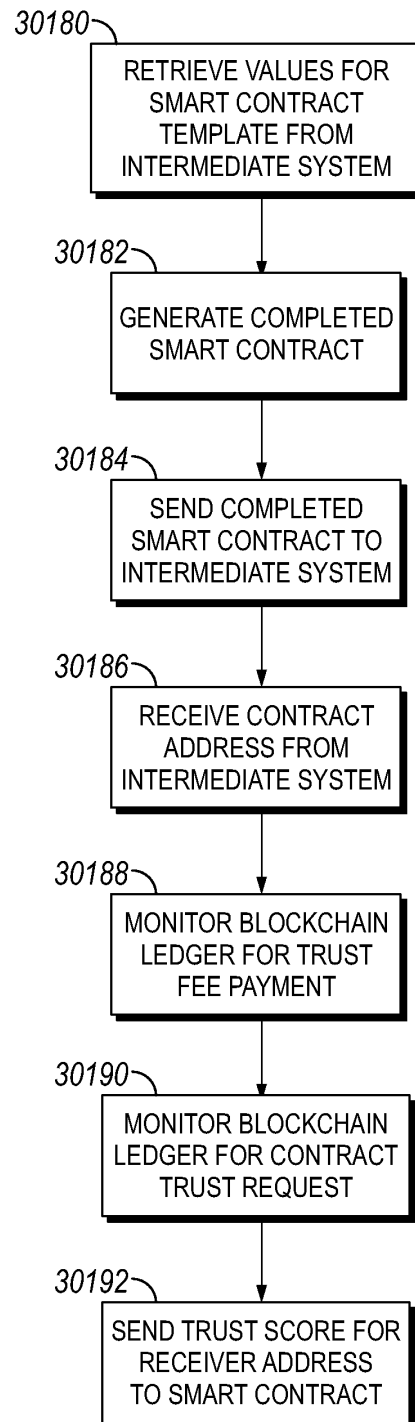


FIG. 325

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**FIG. 327****FIG. 328**

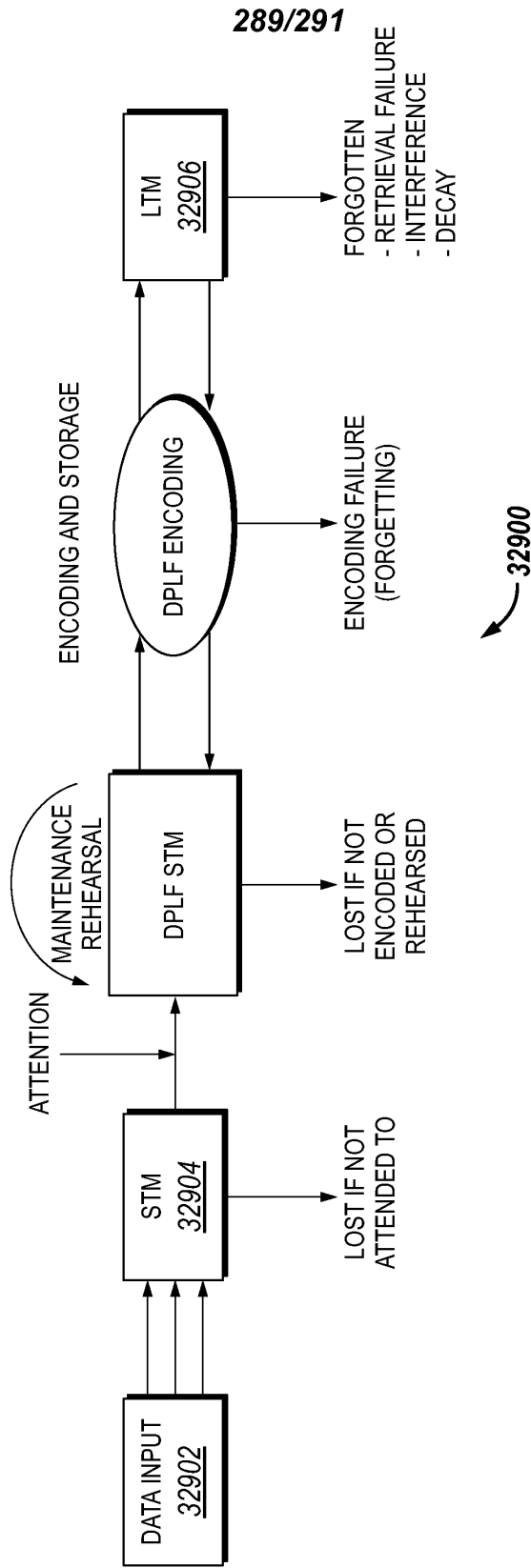


FIG. 329

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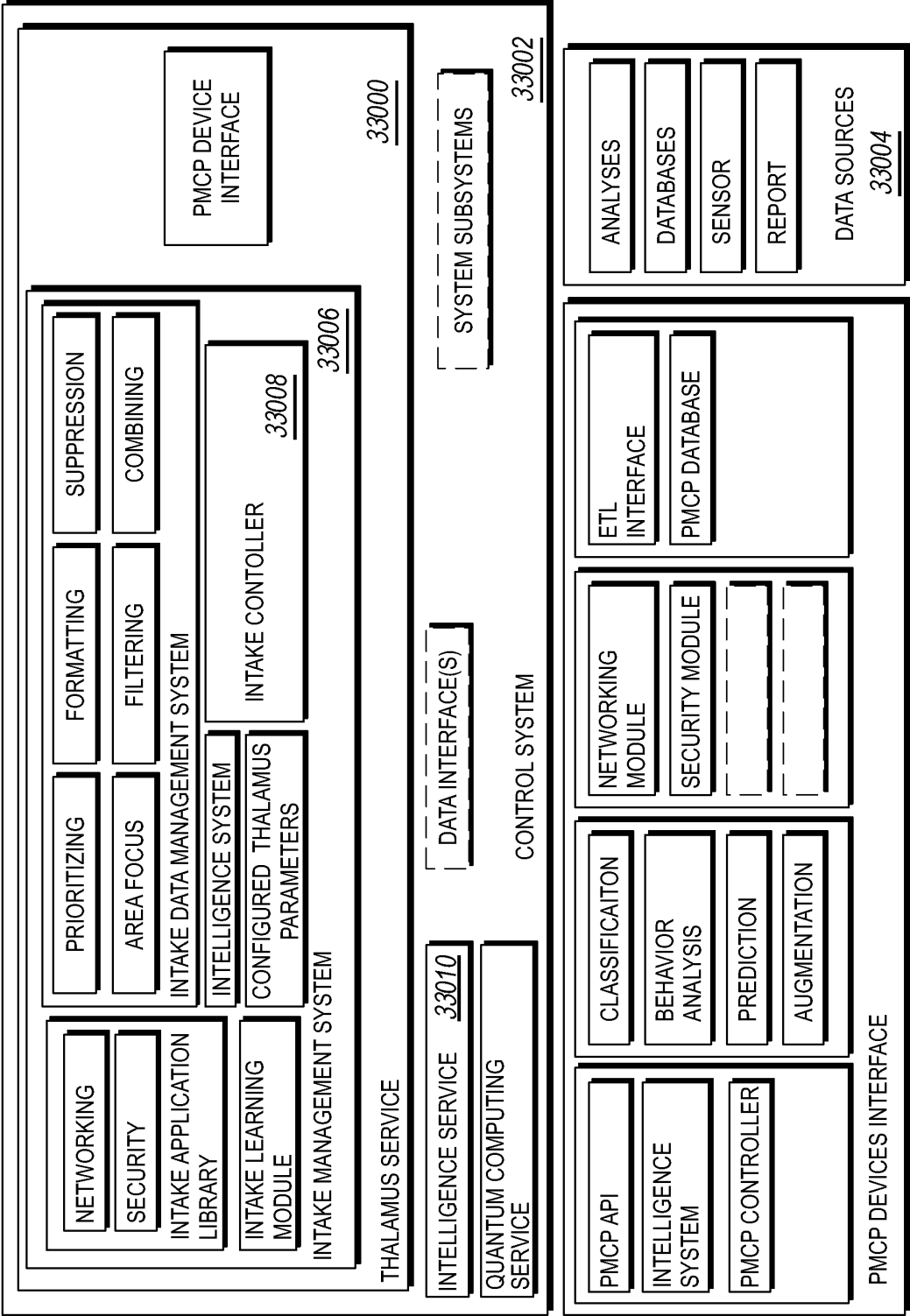


FIG. 330

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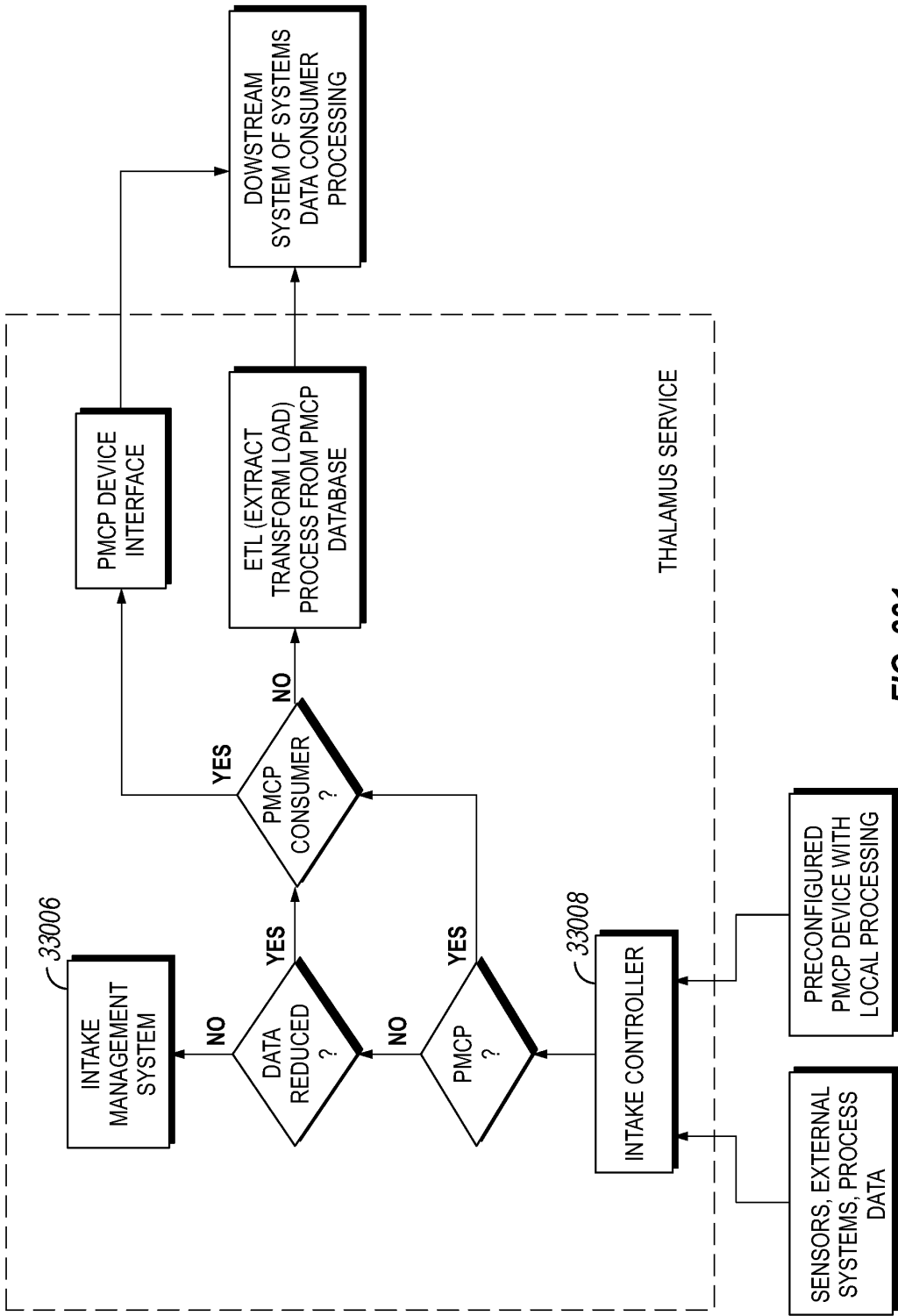


FIG. 331