FIG 1

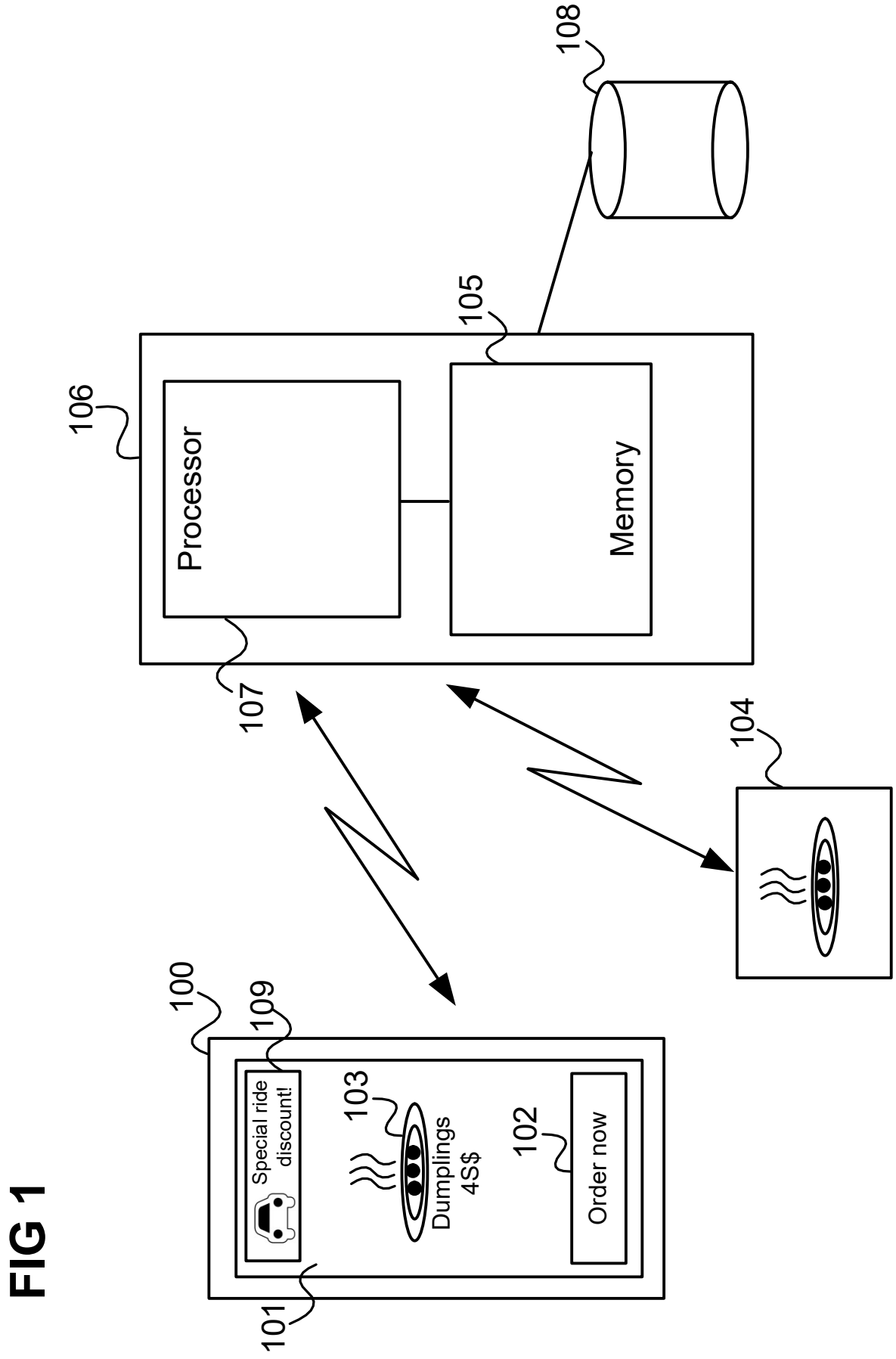

108
105
106
Processor
Memory
107
104
100
109
Special ride discount!
103
Dumplings
4S$
102
Order now
101

FIG 2

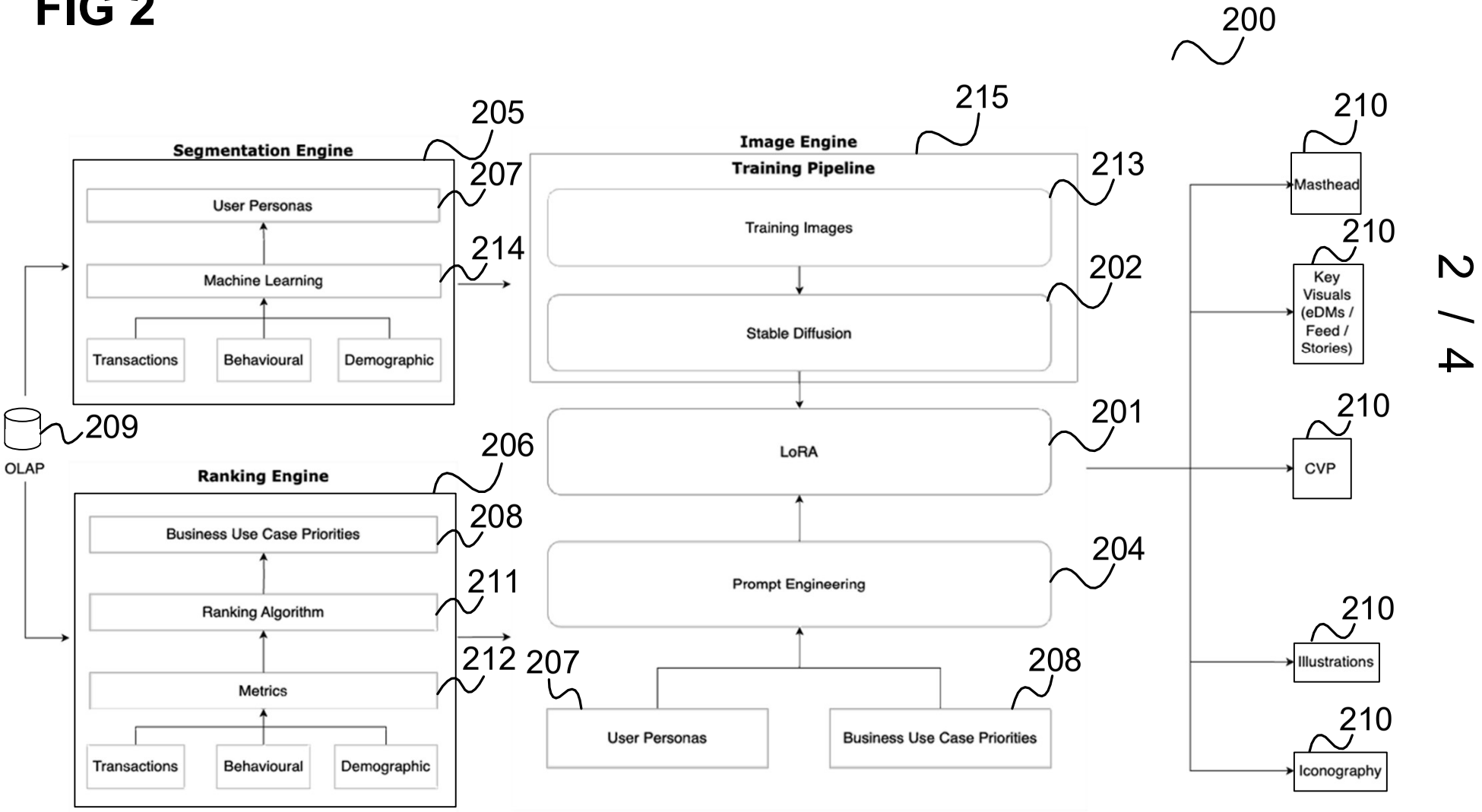
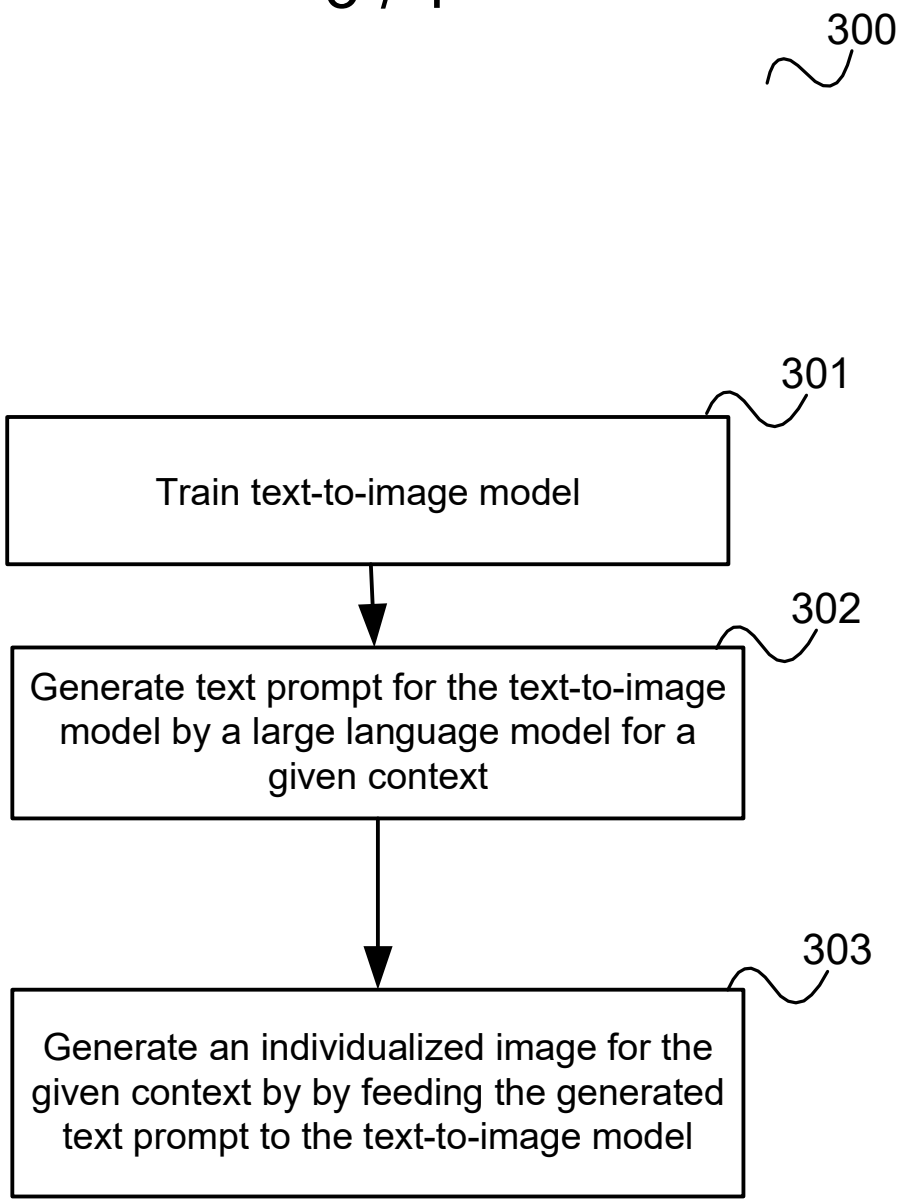

200
205
Segmentation Engine
207
User Personas
214
Machine Learning
Transactions
Behavioural
Demographic
209
OLAP
206
Ranking Engine
208
Business Use Case Priorities
211
Ranking Algorithm
212
Metrics
Transactions
Behavioural
Demographic
215
Image Engine
Training Pipeline
213
Training Images
202
Stable Diffusion
201
LoRA
204
Prompt Engineering
207
User Personas
208
Business Use Case Priorities
210
Masthead
210
Key Visuals (eDMs / Feed / Stories)
210
CVP
210
Illustrations
210
Iconography

FIG 3


300
301
Train text-to-image model
302
Generate text prompt for the text-to-image model by a large language model for a given context
303
Generate an individualized image for the given context by by feeding the generated text prompt to the text-to-image model

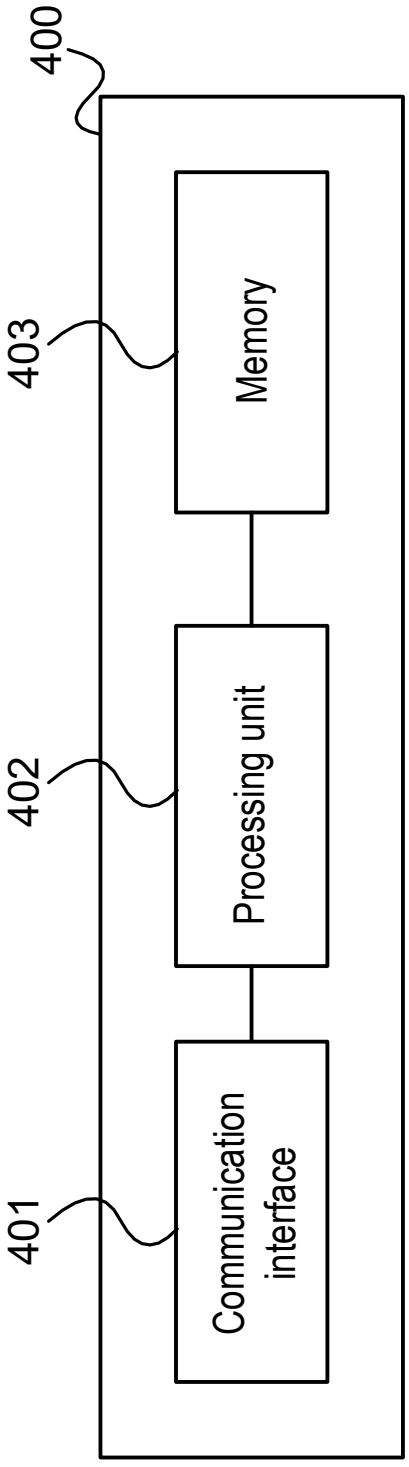

400
403
Memory
402
Processing unit
401
Communication interface

FIG 4