

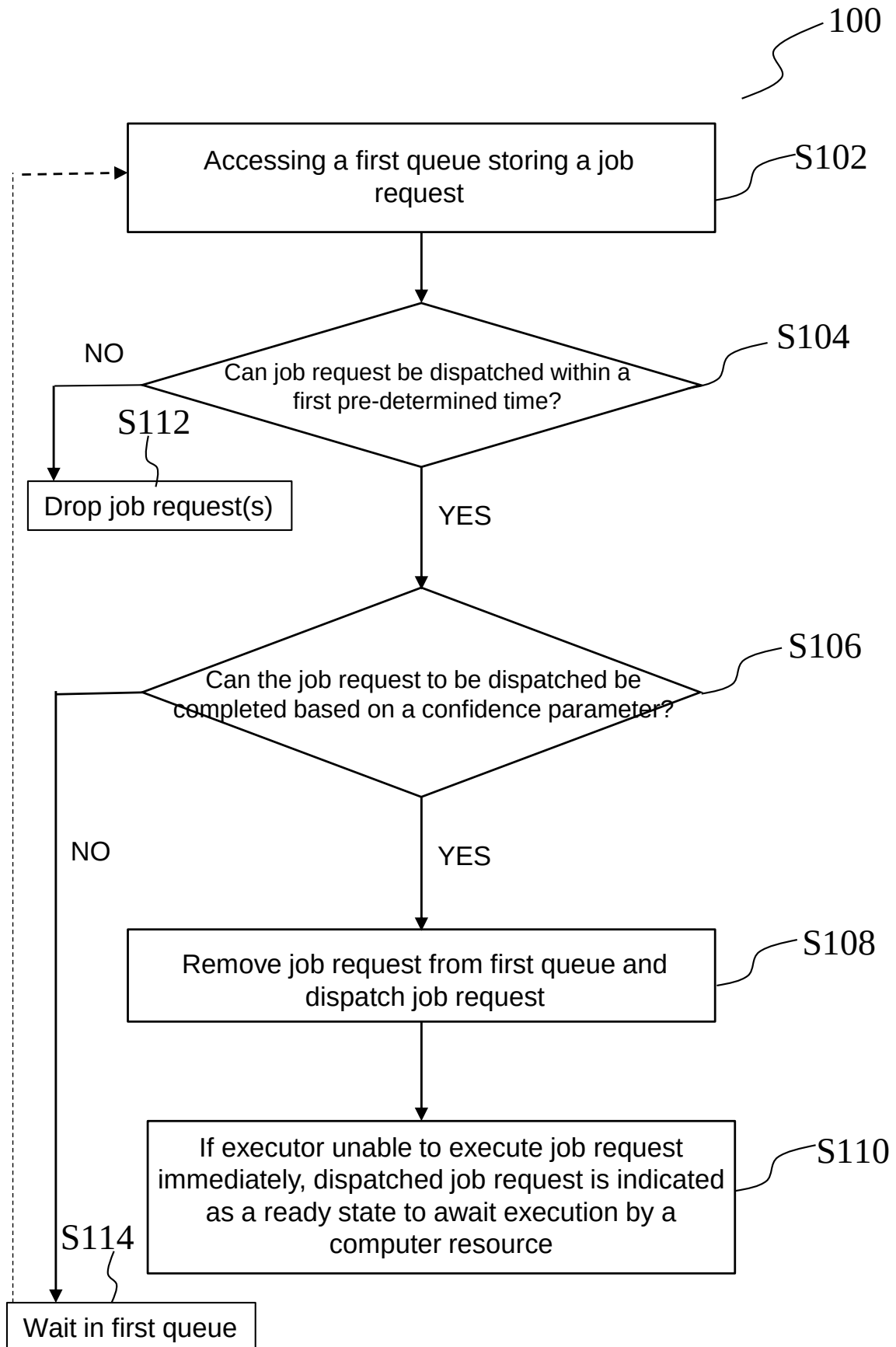


FIG. 1

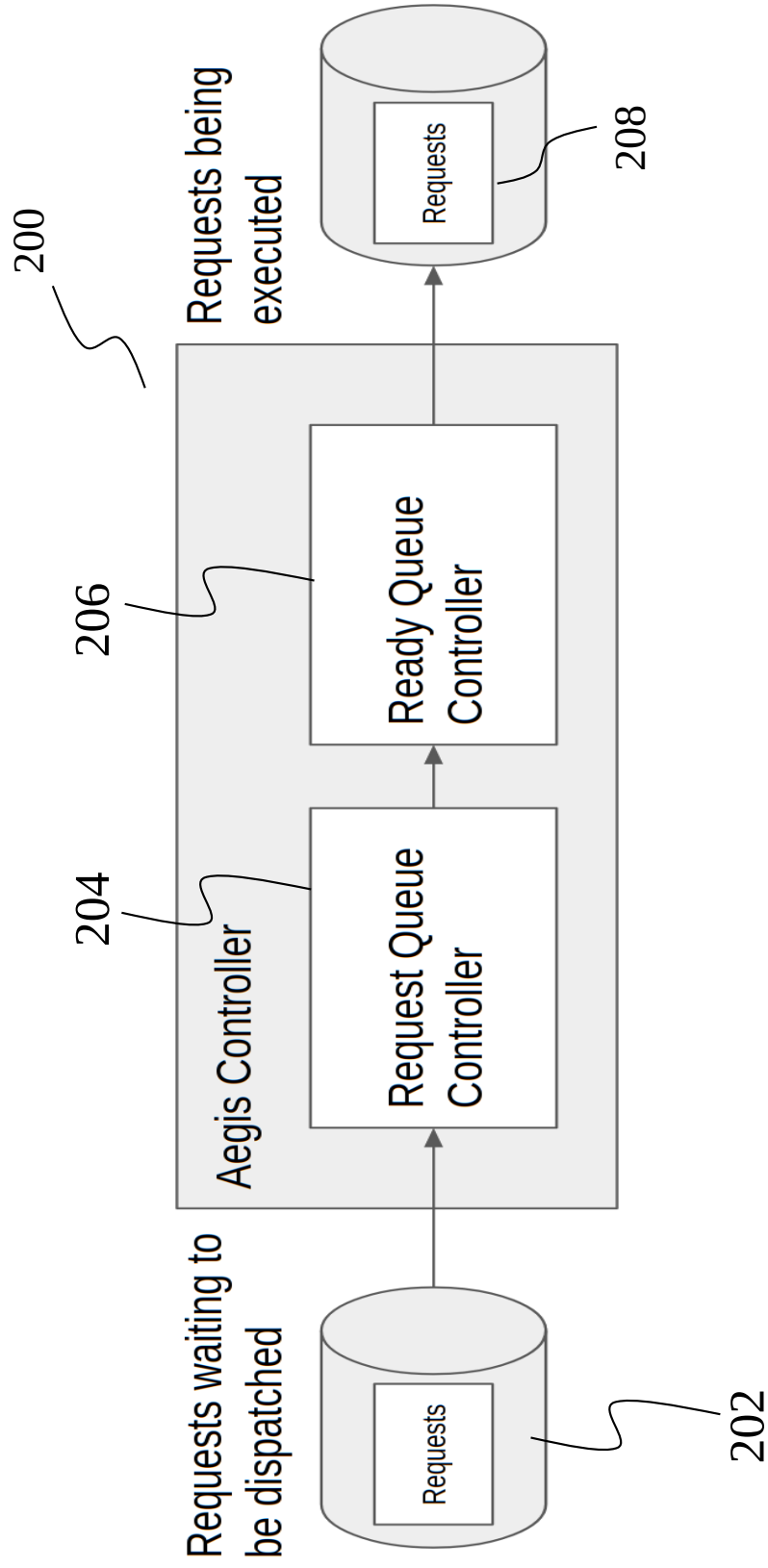


FIG. 2

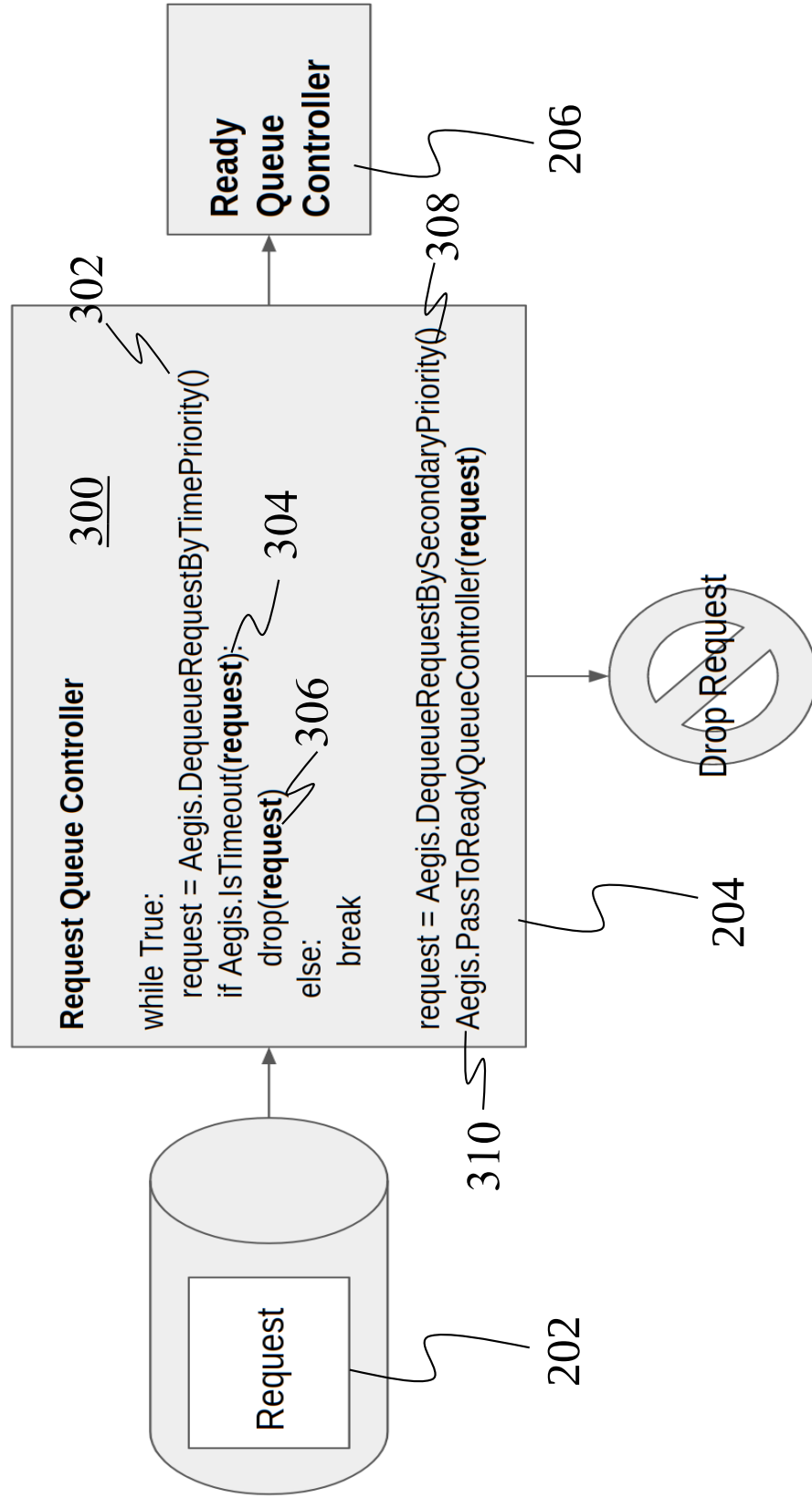


FIG. 3

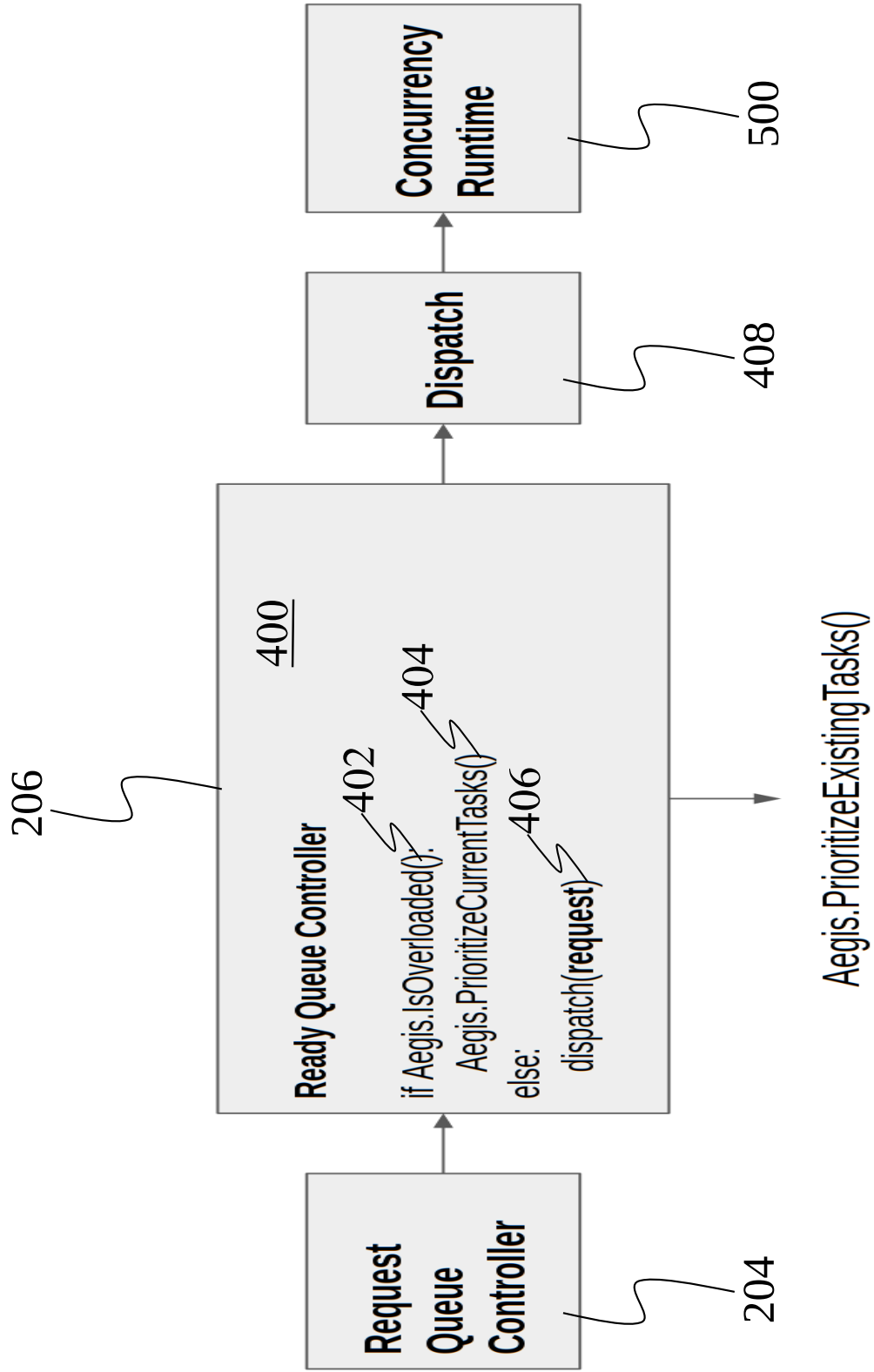


FIG. 4

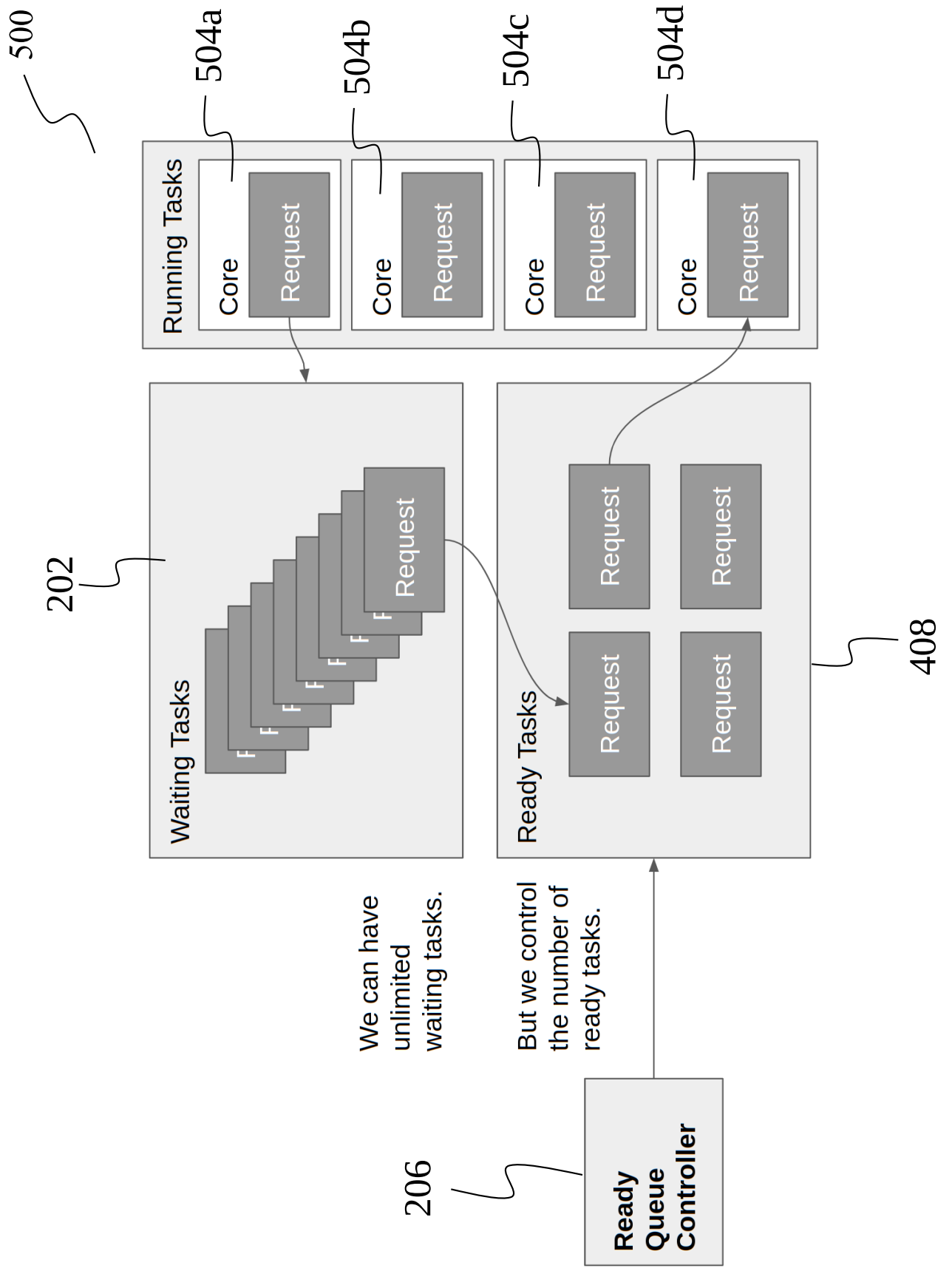


FIG. 5

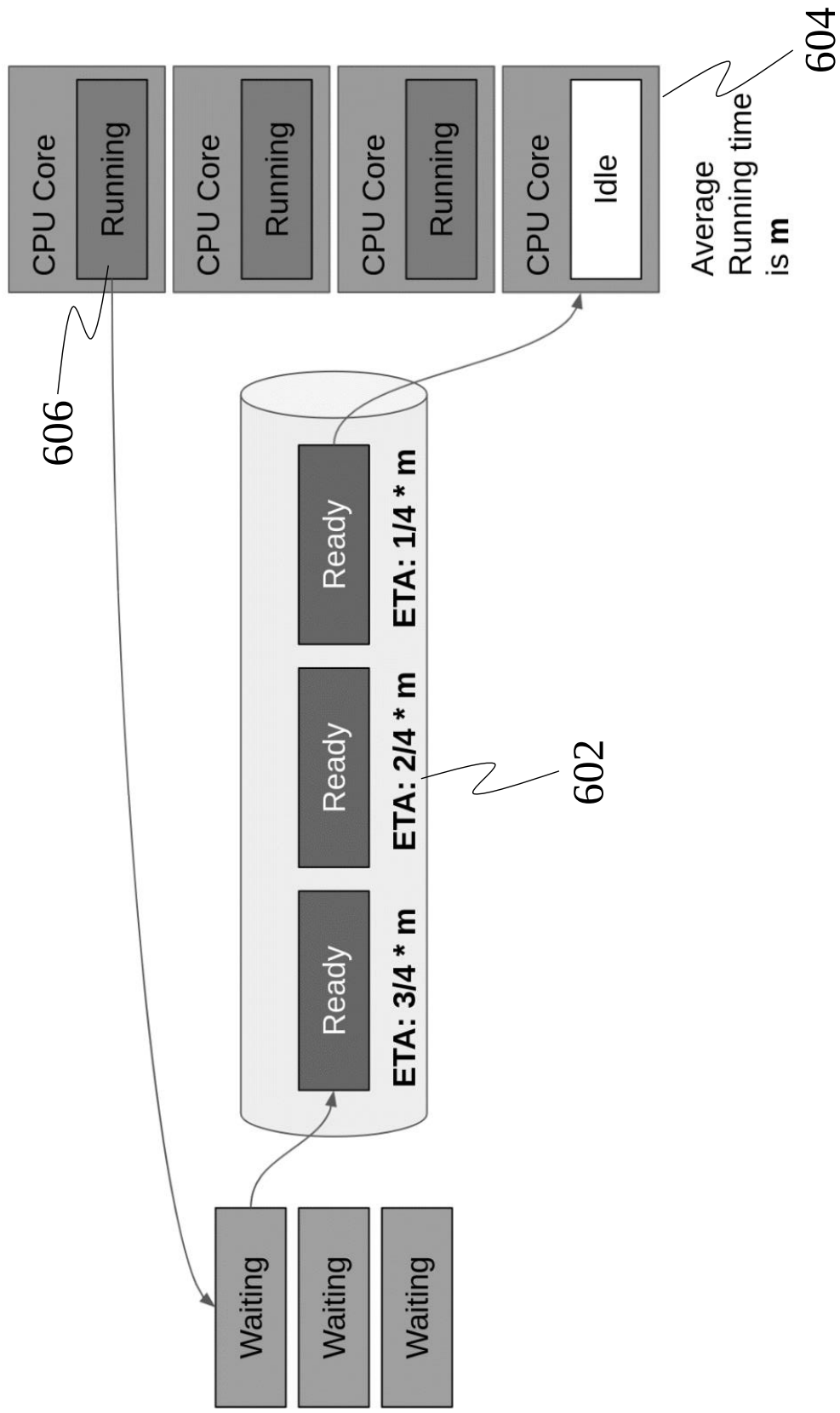


FIG. 6

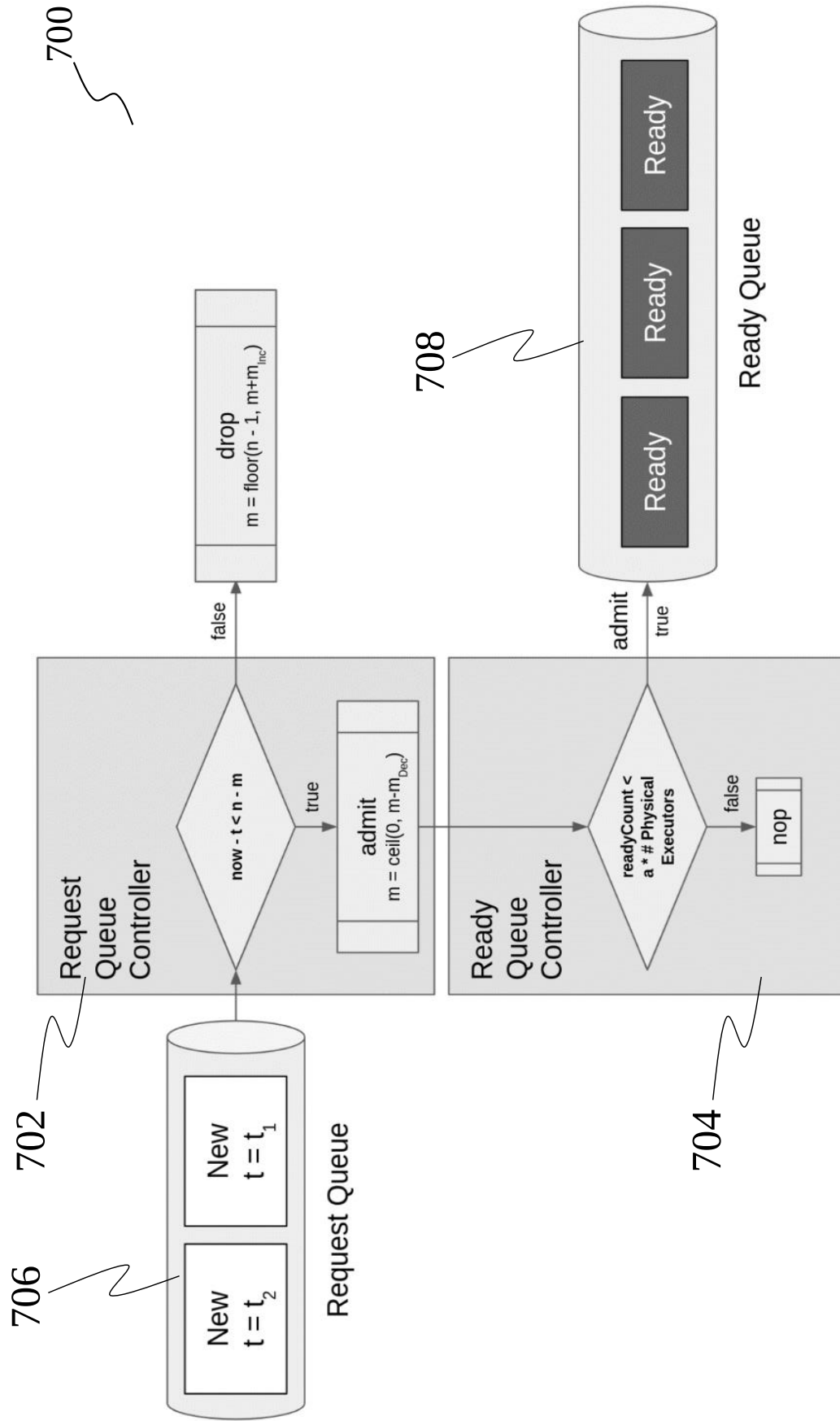
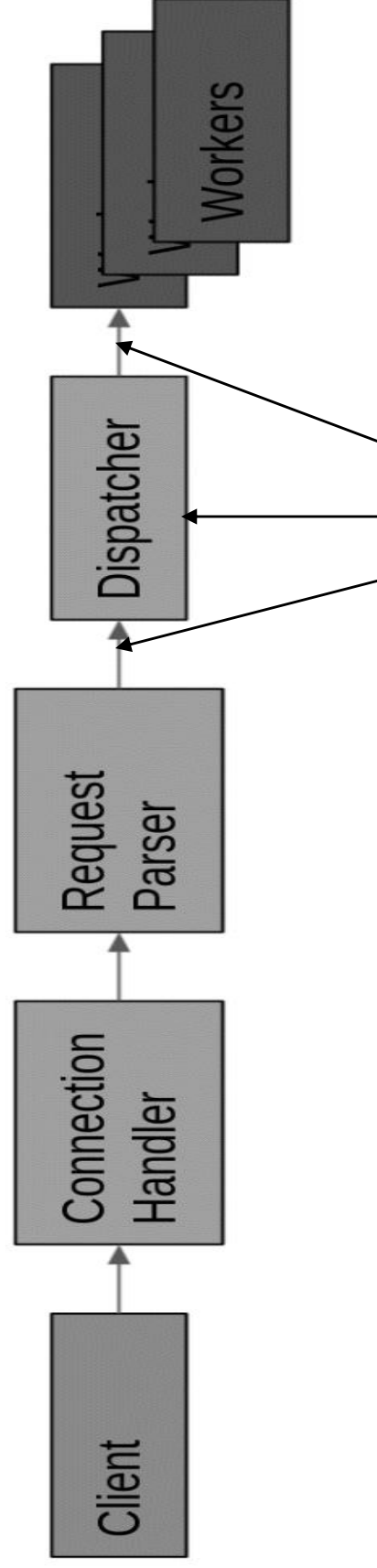


FIG. 7



Where congestion controller may be applied

FIG. 8

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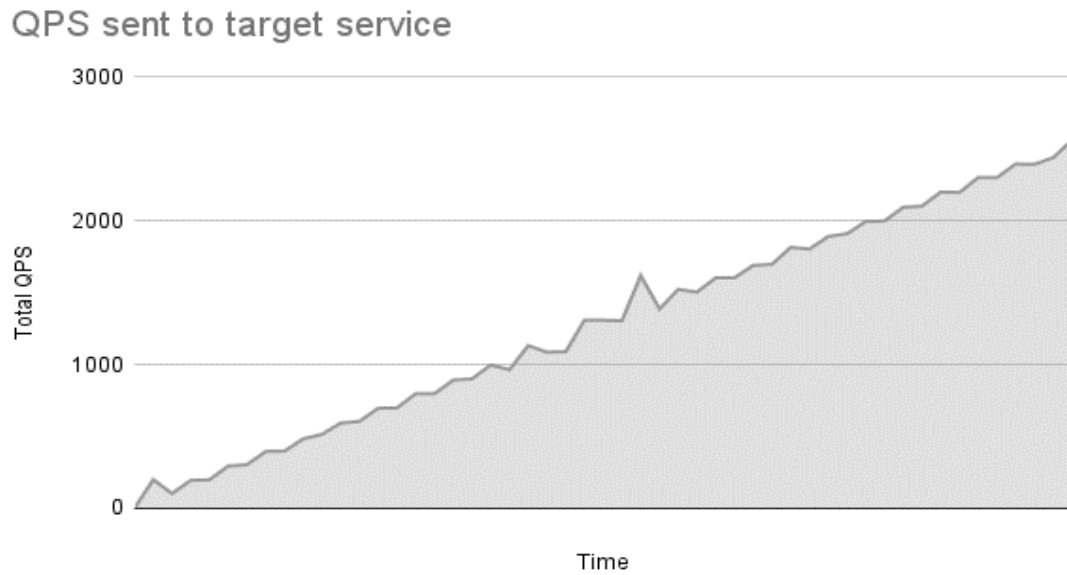


FIG. 9A

Throughput Guarantee

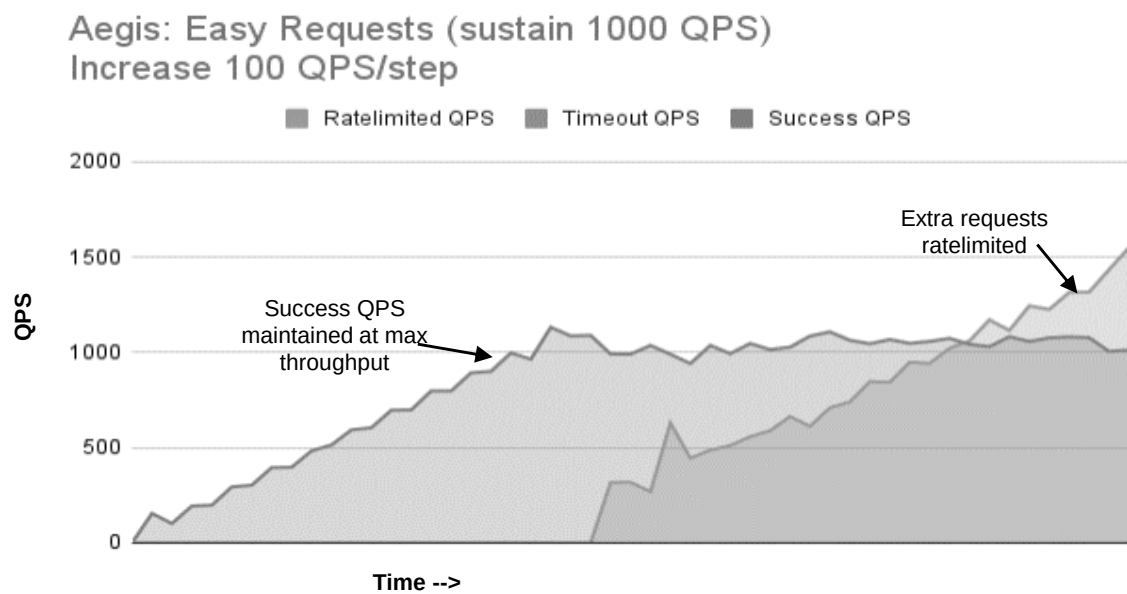


FIG. 9B

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Response Time Guarantee

Aegis: Easy Requests (sustain 1000 QPS)
Increase 100 QPS/step

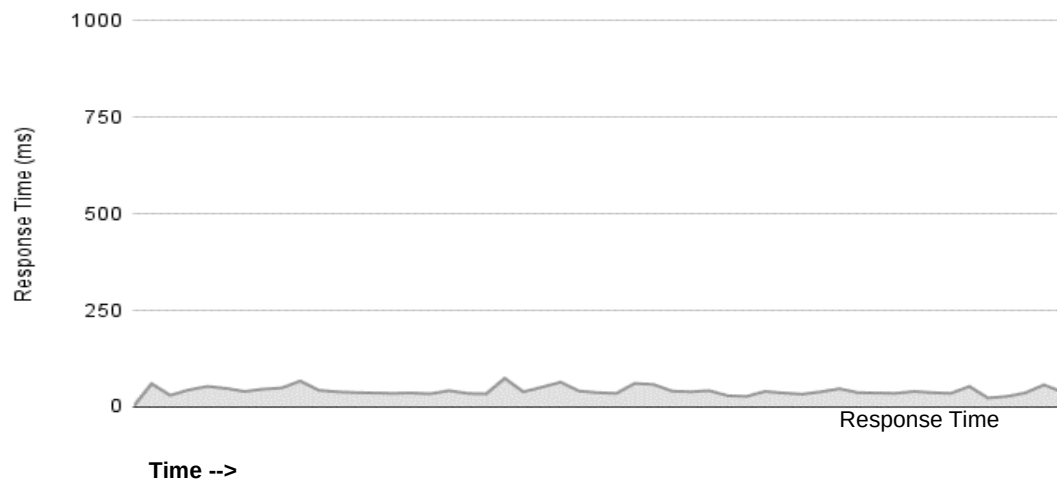


FIG. 9C

Bufferbloat Elimination

Aegis: Hard Requests (sustain 400 QPS)
Increase 100 QPS/step

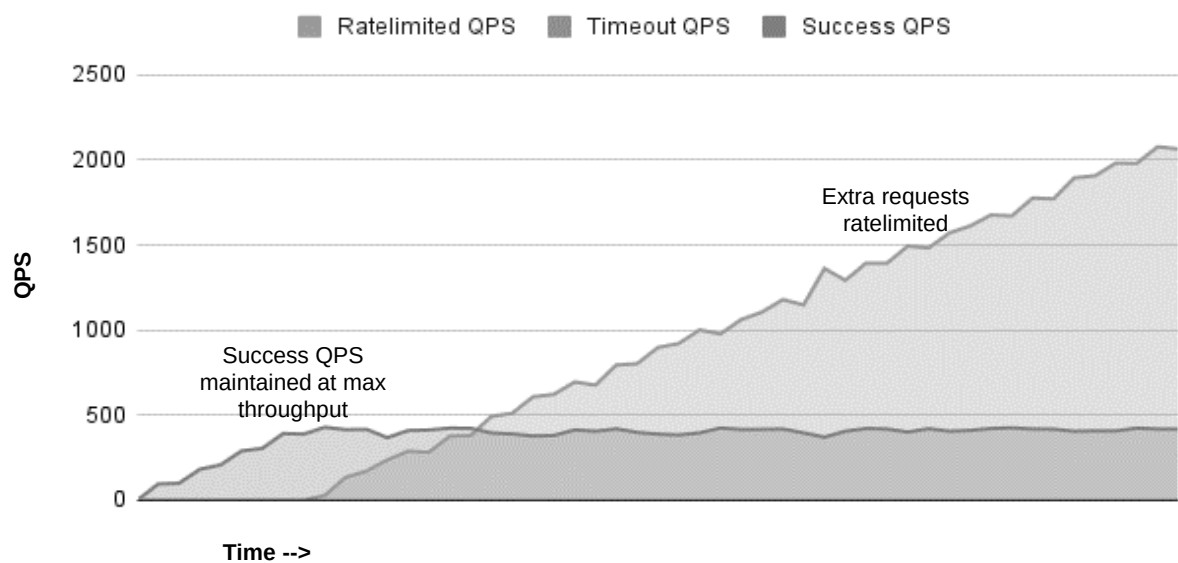


FIG. 9D

Spike Request Handling

Aegis: Hard Requests (sustain 400 QPS)
Increase 1000 QPS/step

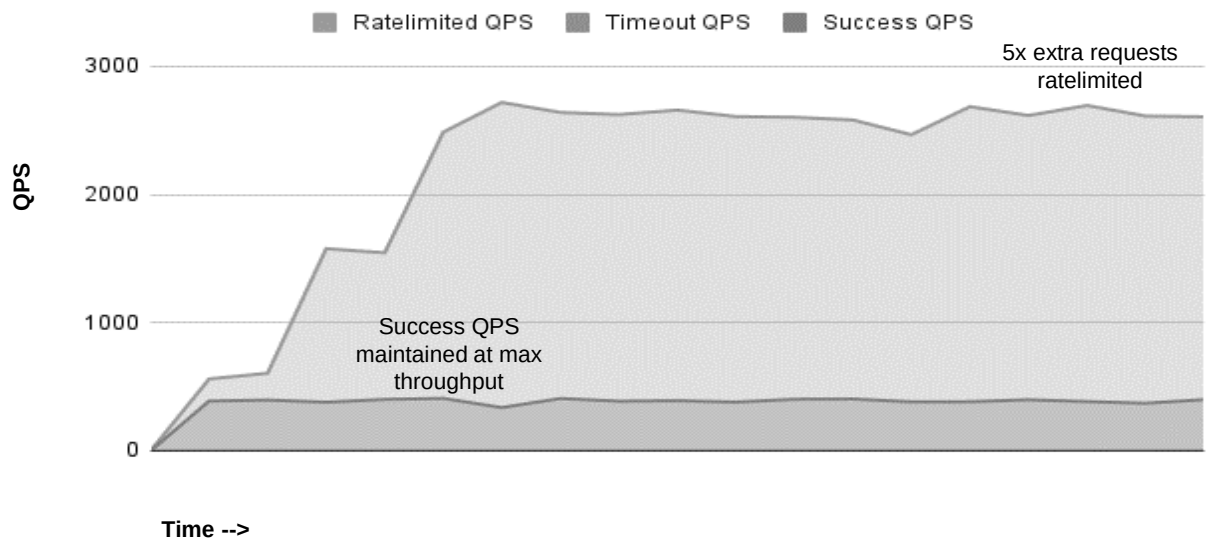


FIG. 9E

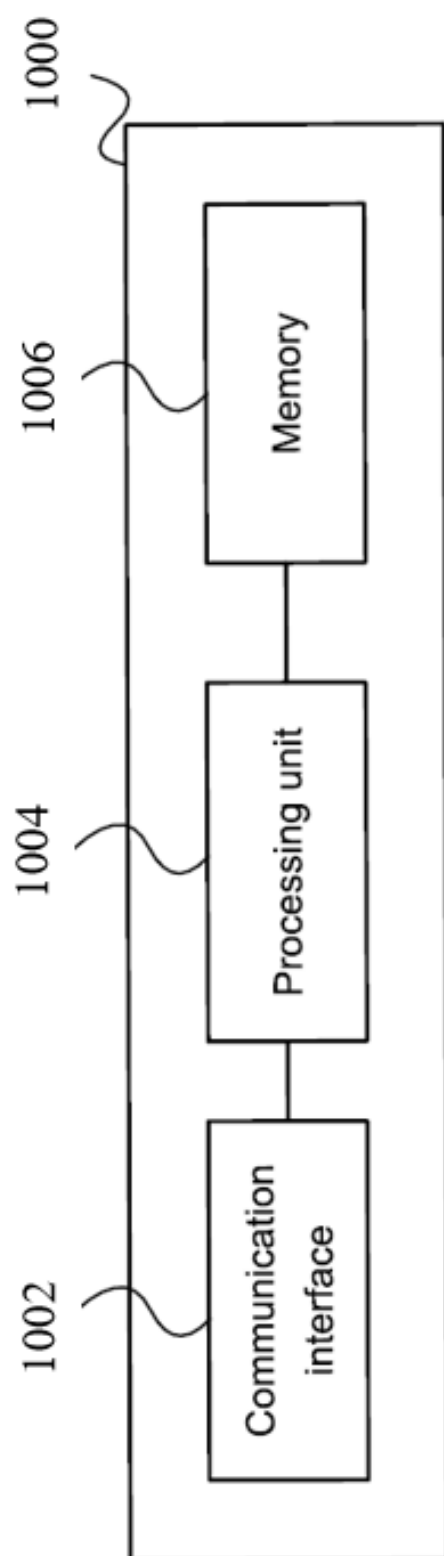


FIG. 10