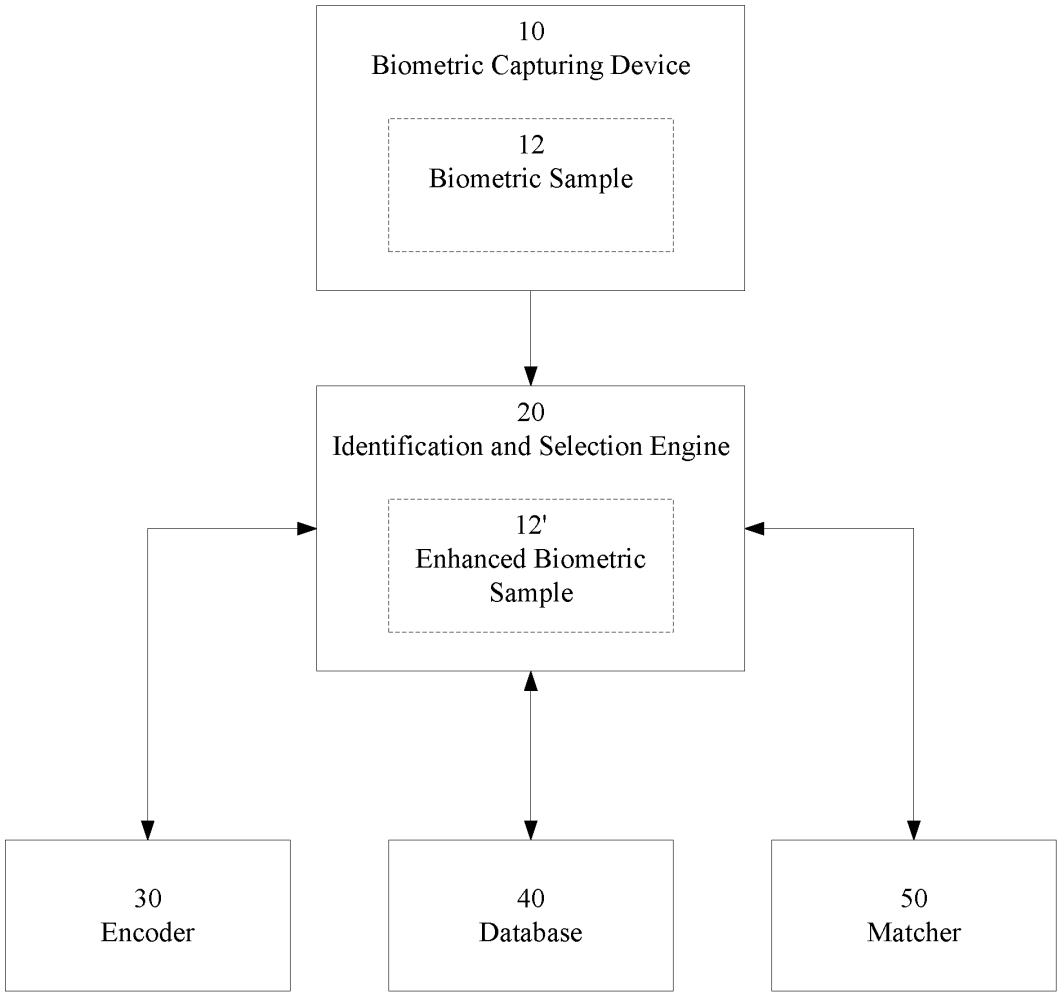

10
Biometric Capturing Device
12
Biometric Sample
20
Identification and Selection Engine
12'
Enhanced Biometric Sample
30
Encoder
40
Database
50
Matcher

FIG. 1

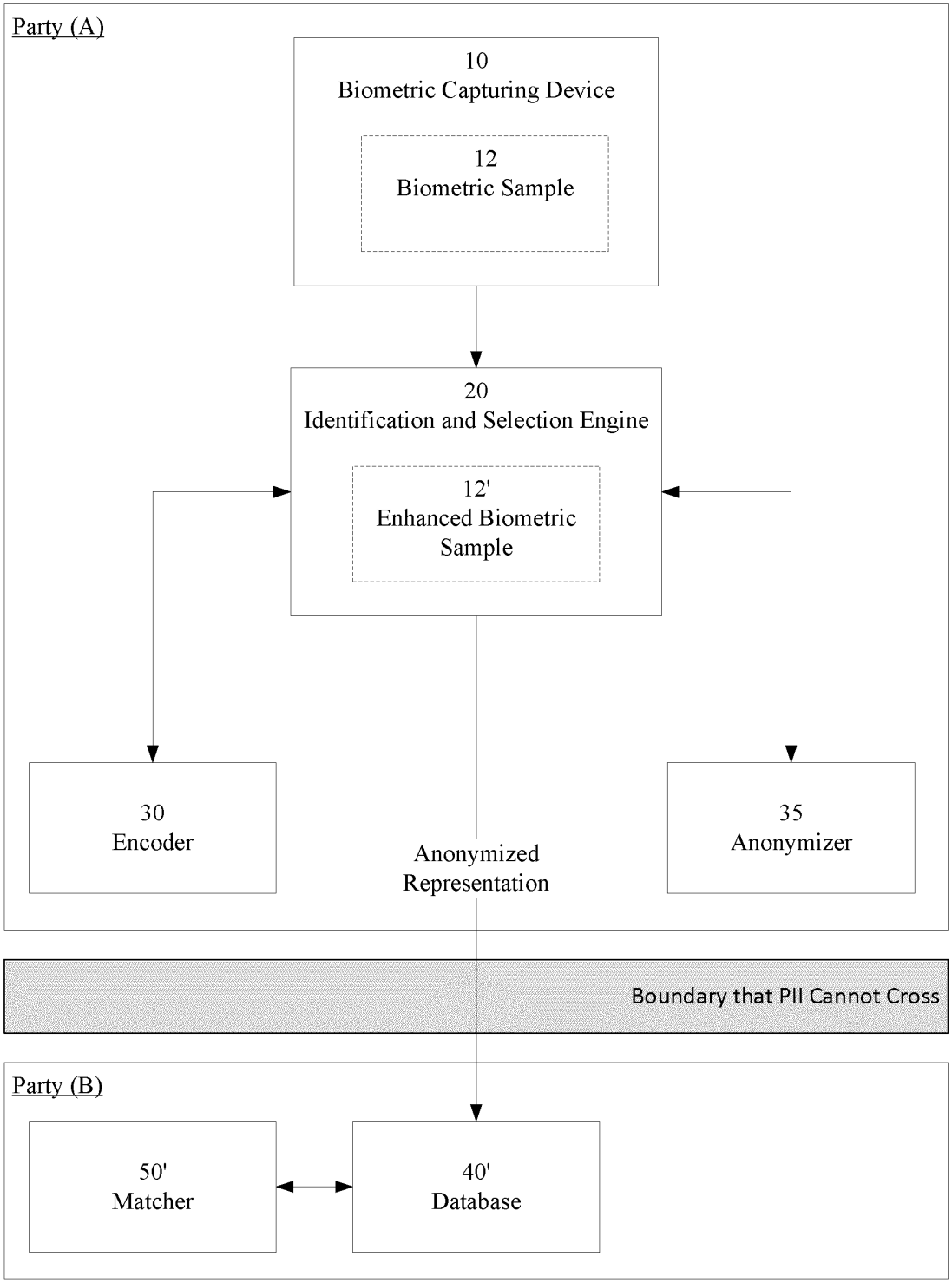
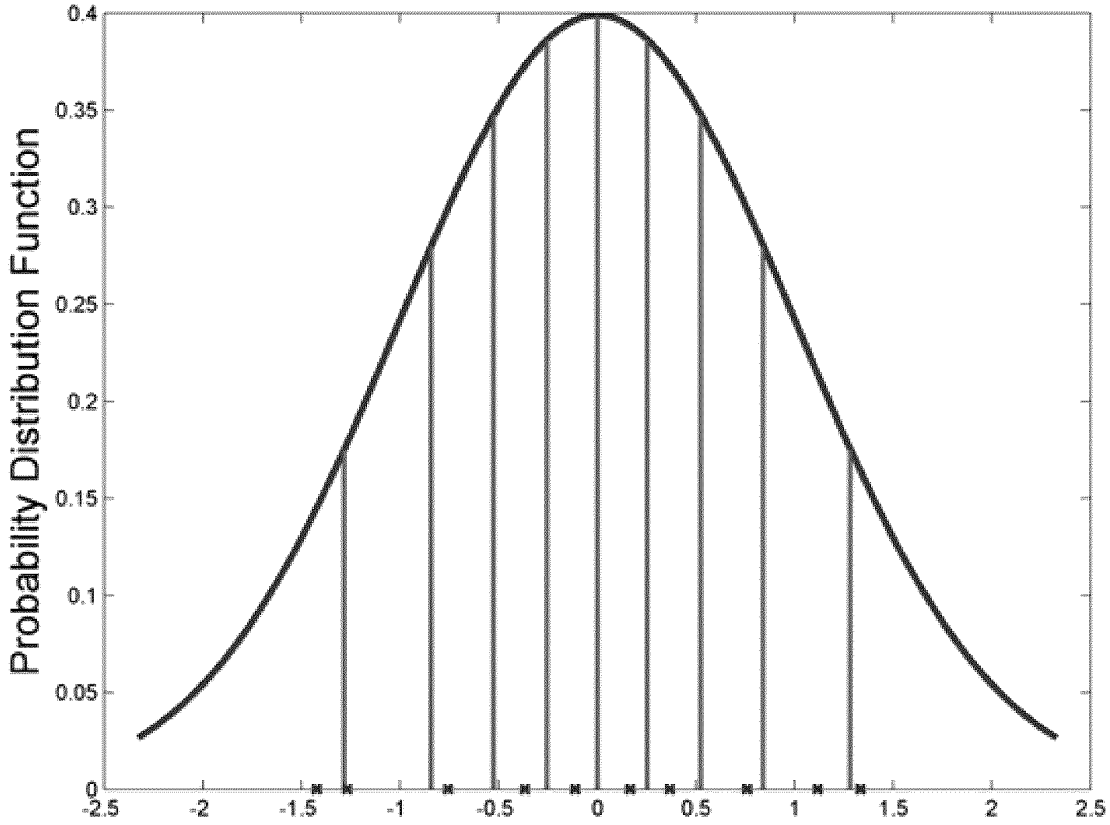

Party (A)
10
Biometric Capturing Device
12
Biometric Sample
20
Identification and Selection Engine
12'
Enhanced Biometric Sample
30
Encoder
Anonymized Representation
35
Anonymizer
Boundary that PII Cannot Cross
Party (B)
50'
Matcher
40'
Database

FIG. 2



β = 10. The 10 regions have different ranges (widths), but the same area under the curve.

FIG. 3

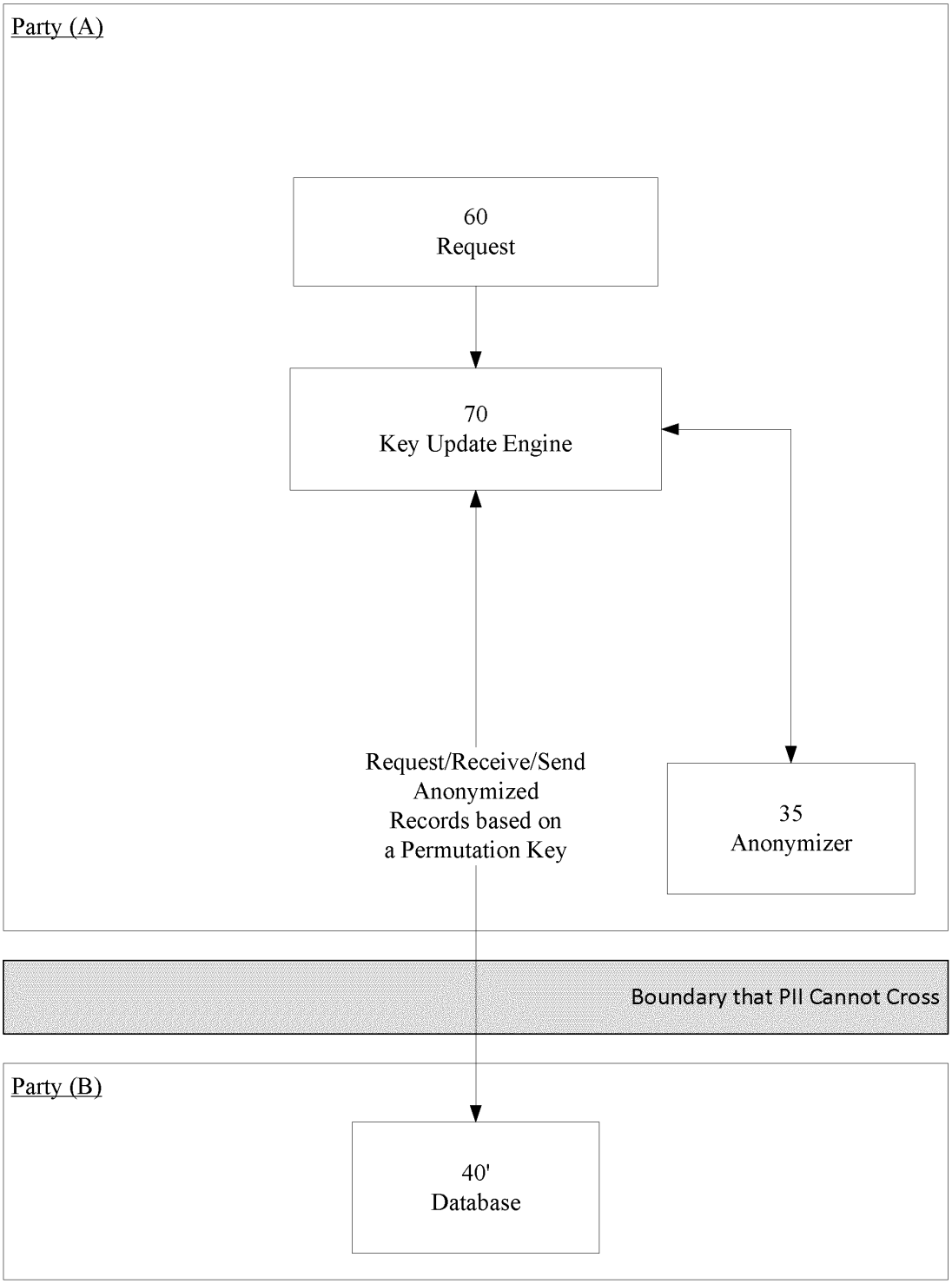

Party (A)
60
Request
70
Key Update Engine
Request/Receive/Send
Anonymized
Records based on
a Permutation Key
35
Anonymizer
Boundary that PII Cannot Cross
Party (B)
40'
Database

FIG. 4

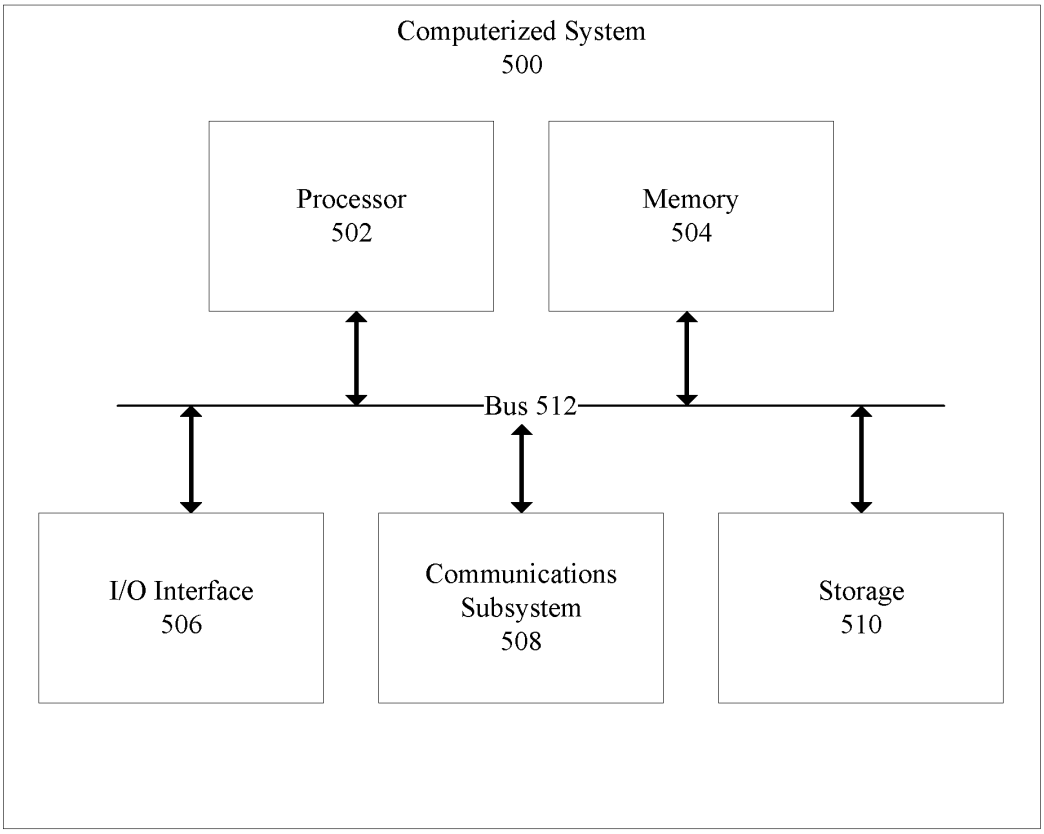

Computerized System
500
Processor
502
Memory
504
Bus 512
I/O Interface
506
Communications
Subsystem
508
Storage
510

FIG. 5