

100

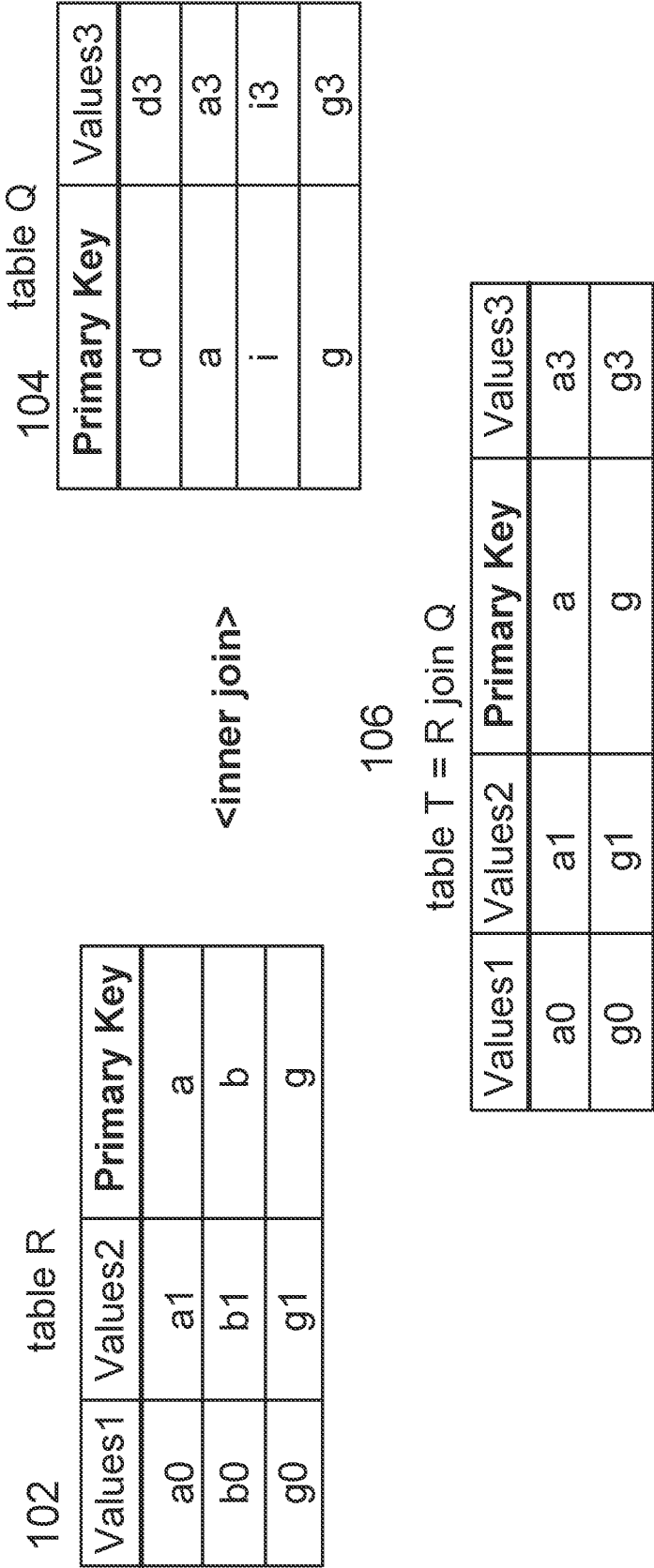


FIG. 1

200

<inner join>

202

Values1	Values2	Primary Key
a0	a1	a
b0	b2	b
g0	g1	g

204

Primary Key	Values3
a	a3*
a	a3
i	i3
g	g3
a	a3!

206

Values1	Values2	Primary Key	Values3
a0	a1	a	a3*
a0	a1	a	a3
a0	a1	a	a3!
g0	g1	g	g3

FIG. 2

3/11

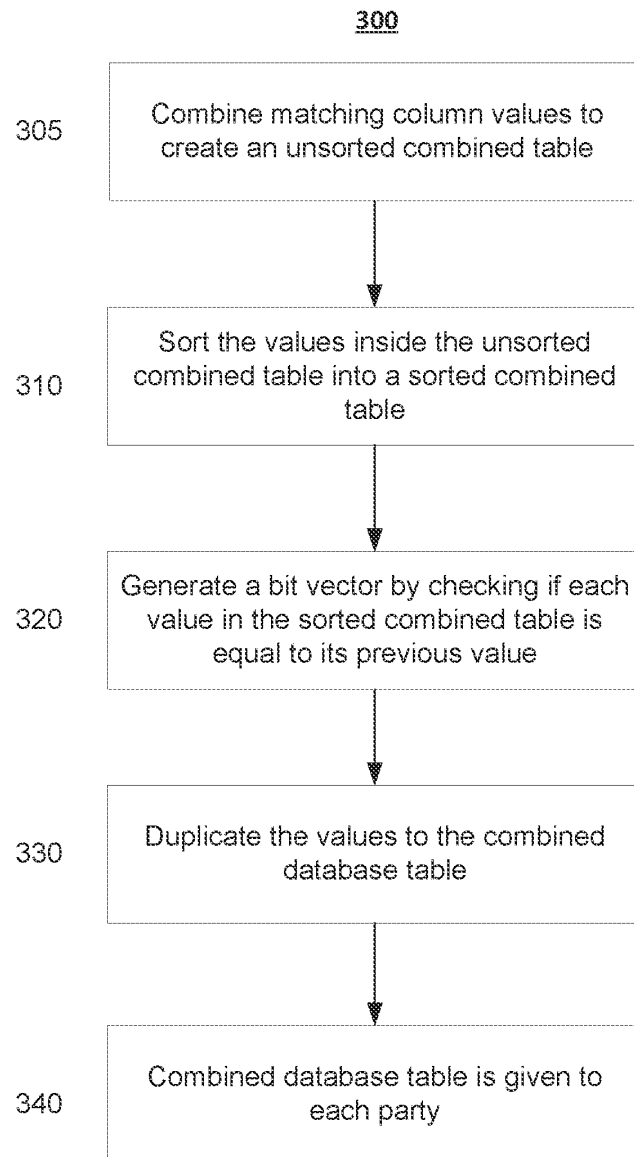


FIG. 3

400

402

Values1	Values2	Primary Key
a0	a1	a
b0	b2	b
g0	g1	g

404

Primary Key	Values3
a	a3*
a	a3
i	i3
g	g3
a	a3!

406

{a0, b0, g0, a1, a1, i1, g1, a1}

408

{a0, a1, a1, a1, b0, g0, g1, i1}

FIG. 4

500A

502

502A {a₀, a₁, a₁, a₁, b₀, g₀, g₁, i₁}

502B {0 1 1 0 0 1 0}

502C {v_{a0}, v_{a0}, v_{a0}, v_{a0}, v_{b0}, v_{g0}, v_{g0}, v_{i1}}

504

504A {a₀, a₁, a₁, a₁, a₁, a₁, a₁}

504B {0 1 1 1 1 1 1}

504D {v_{a0}, v_{a0}, v_{a0}, v_{a0}, v_{a0}, v_{a0}, v_{a0}}

FIG. 5A

500B

506

Values1	Values2	Primary Key
V_a0	a1	a
V_b0	b2	b
V_g0	g1	g

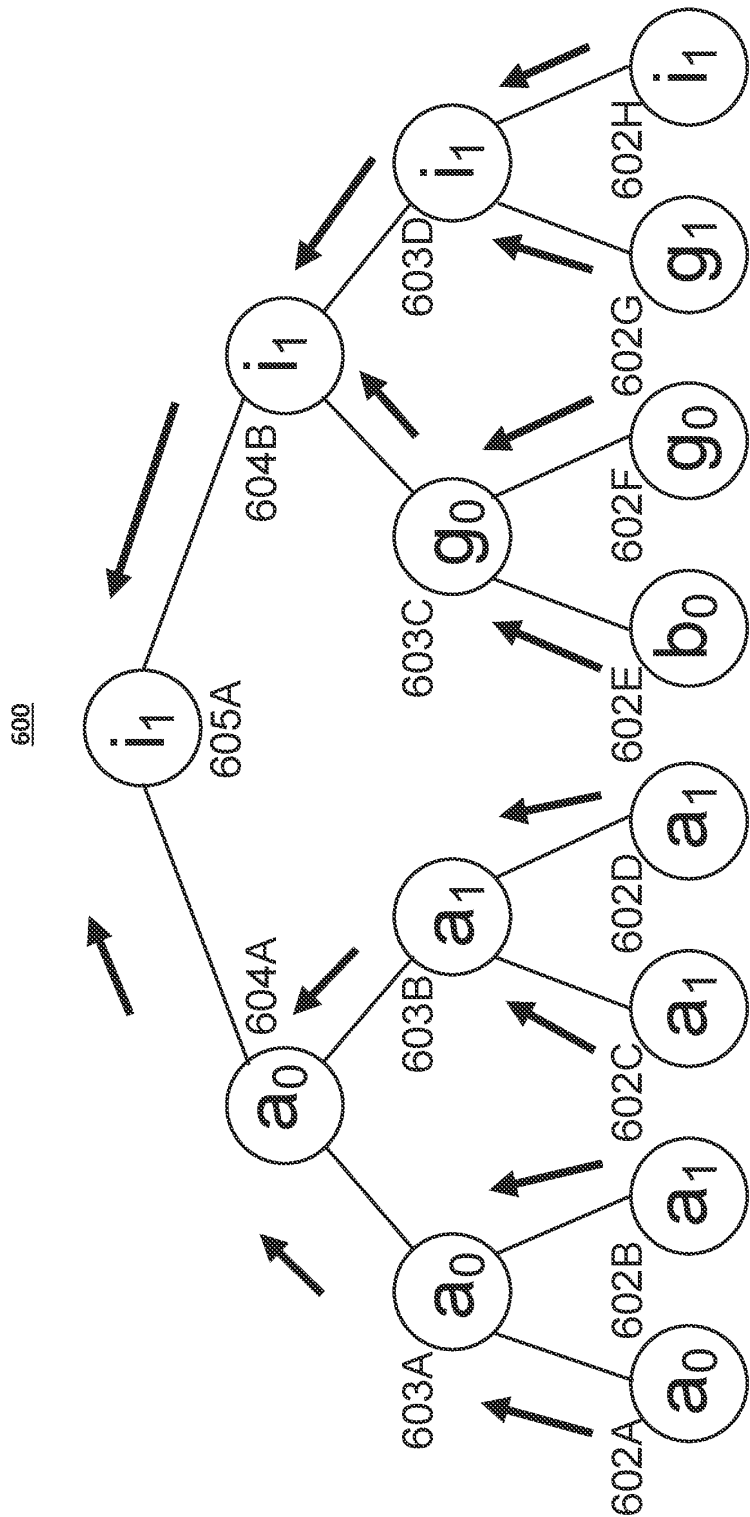
508

Primary Key	Values3
V_a1	a3*
V_a1	a3
V_i1	i3
V_g1	g3
V_a1	a3!

510

Values1	Values2	Primary Key	Values3
V_a'	a0	a	a3*
V_a'	a0	a	a3
V_a'	a0	a	a3!
V_g'	g0	g	g3

FIG. 5B



606A{ $a_0, a_1, a_1, a_1, b_0, g_0, g_1, i_1$ }

606B {0, 1, 1, 1, 0, 0, 1, 0 }

FIG. 6

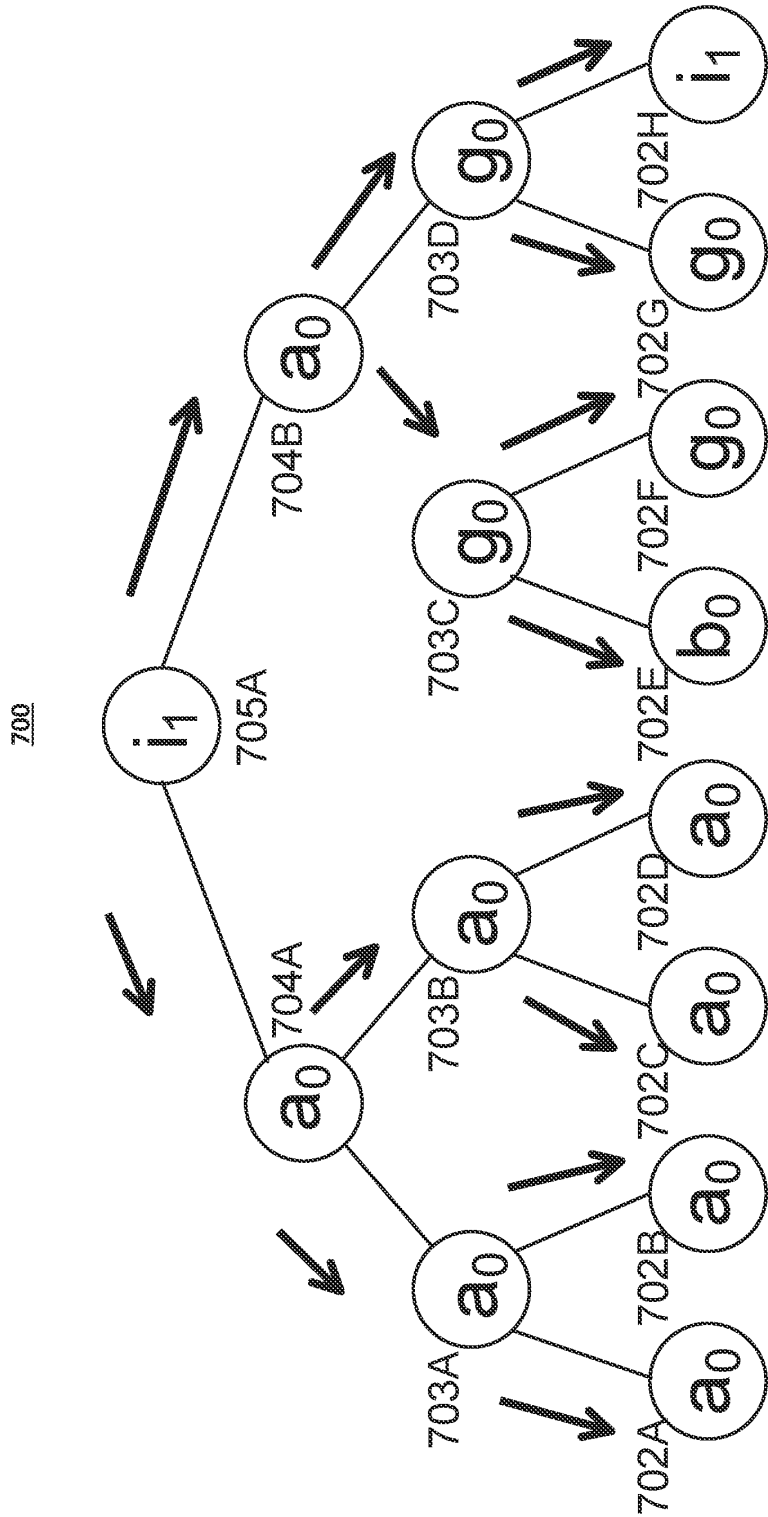


FIG. 7

800

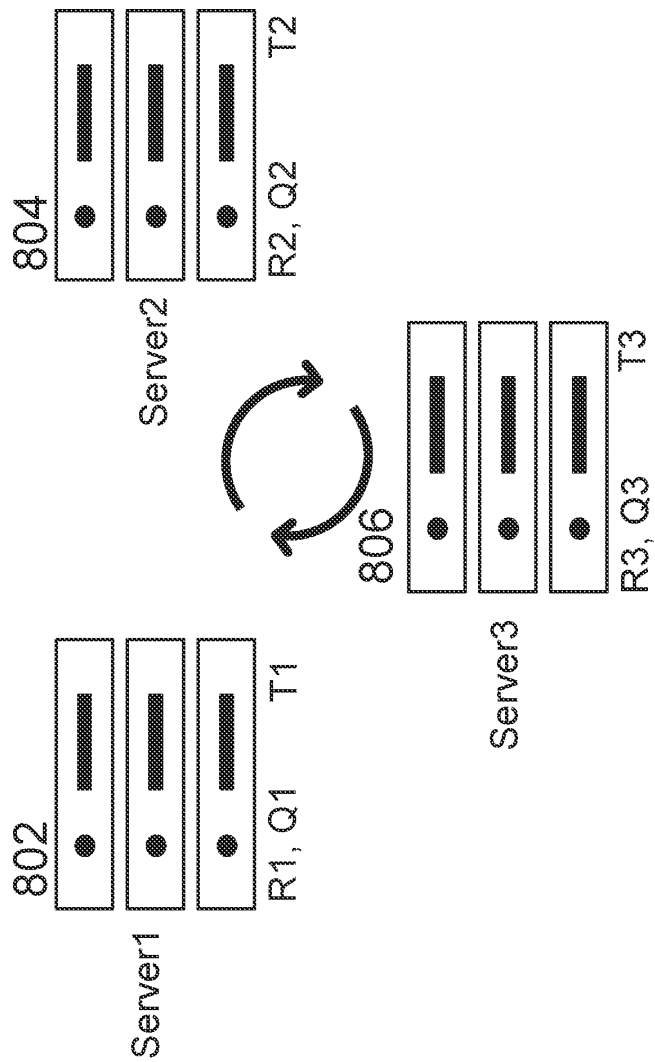


FIG. 8

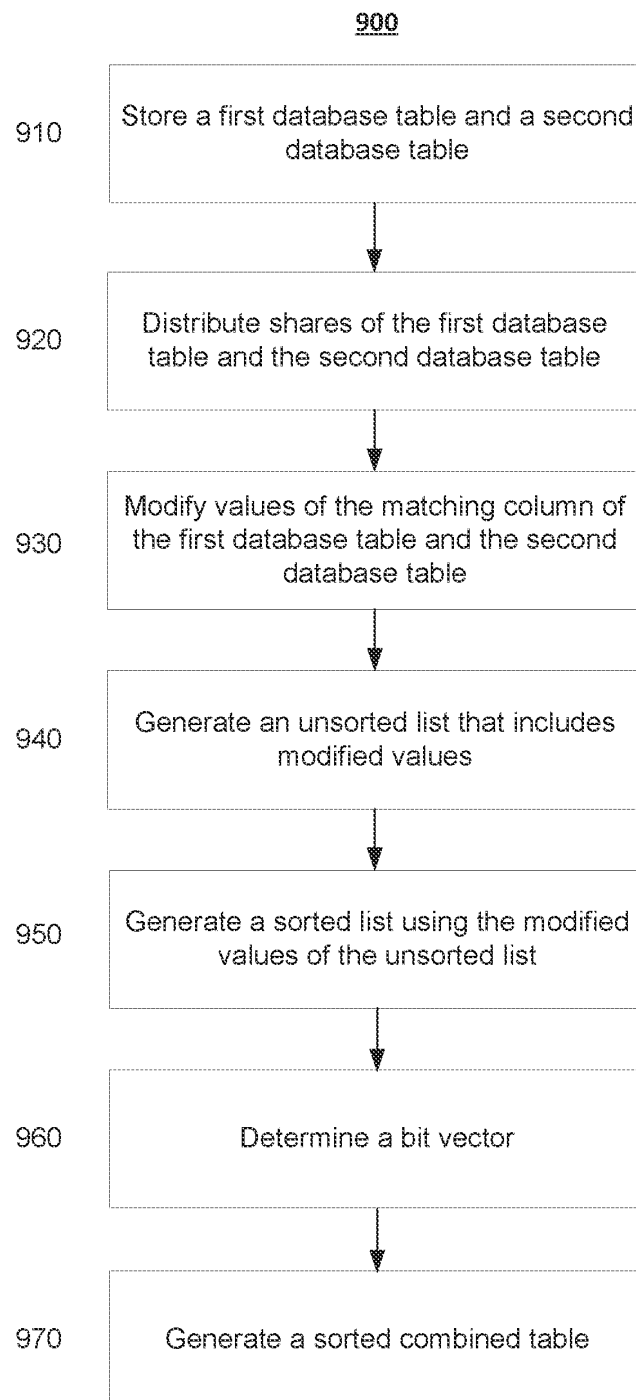


FIG. 9

1000

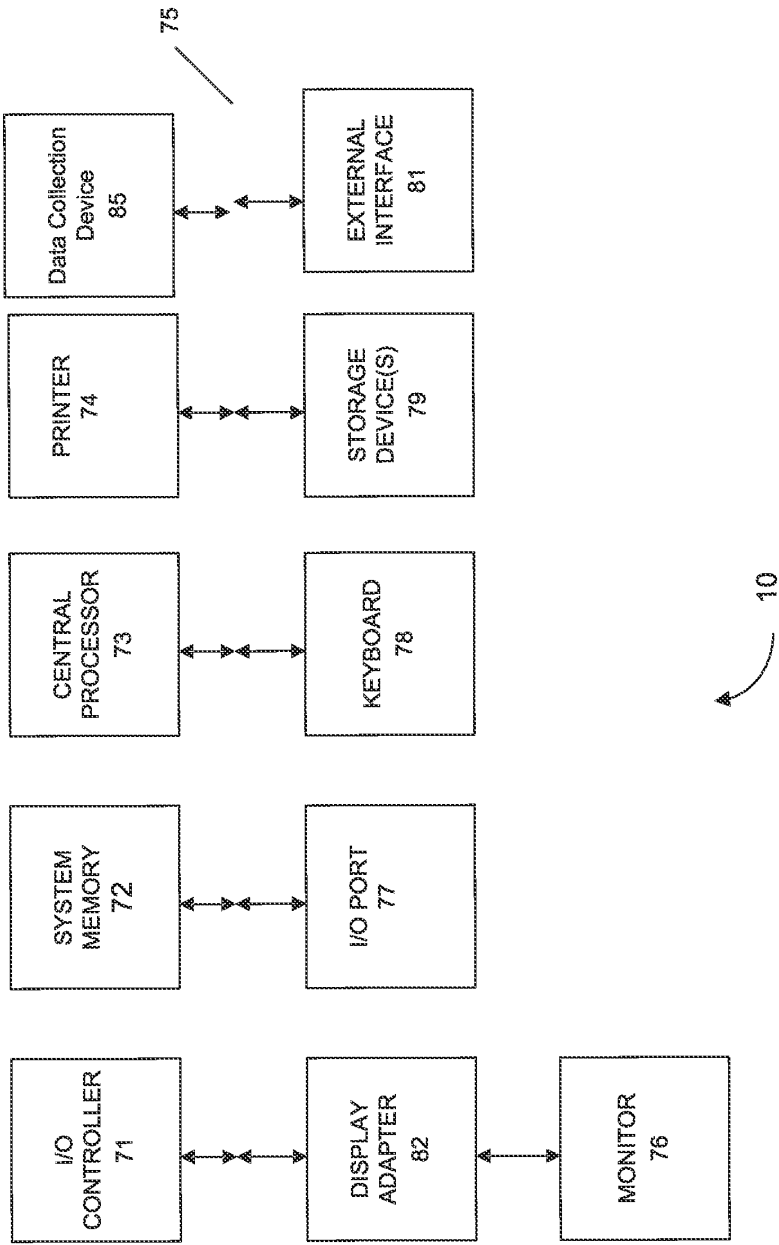


FIG. 10