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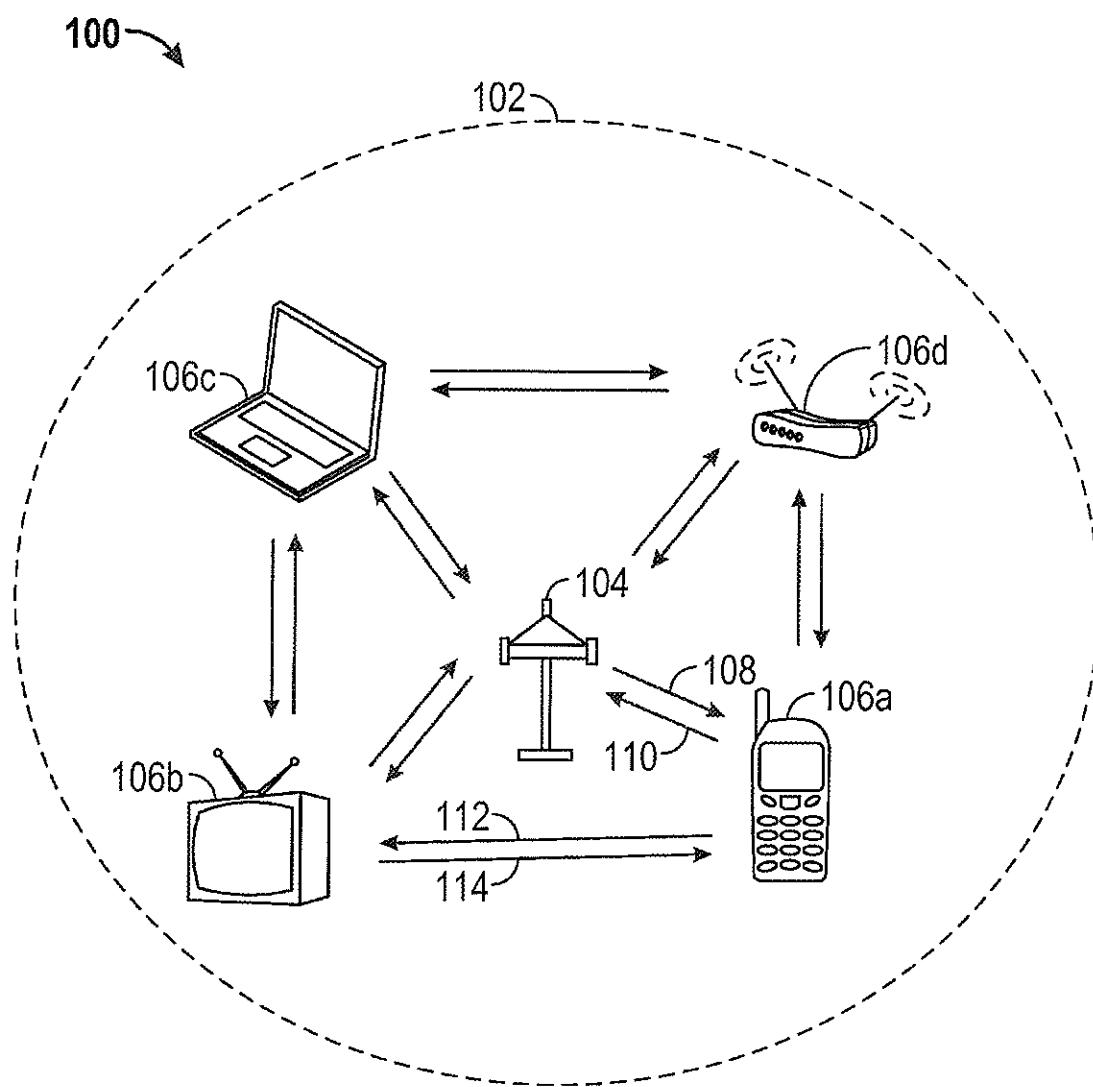


FIG. 1

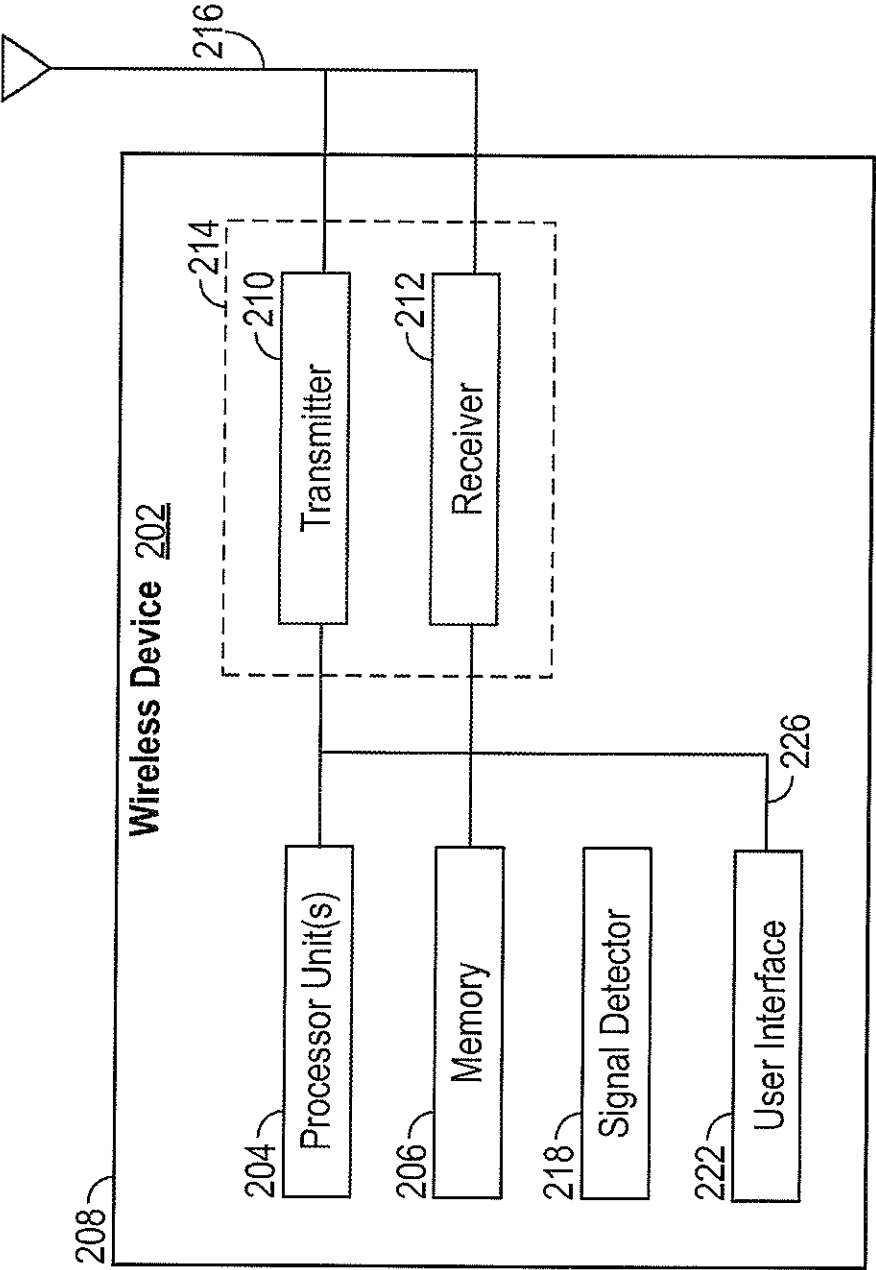


FIG. 2

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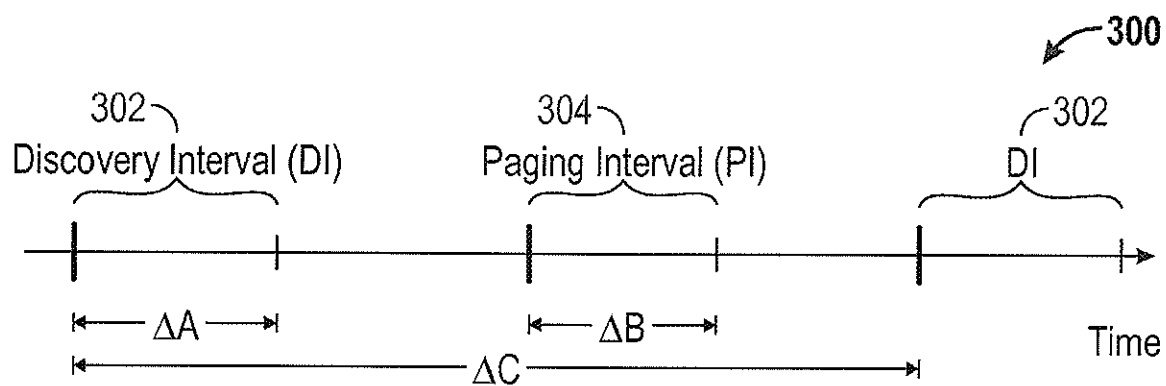


FIG. 3

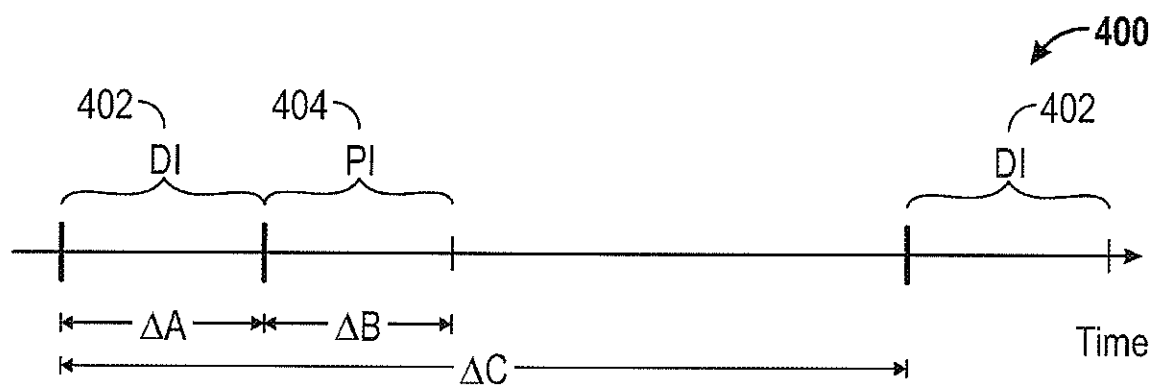


FIG. 4

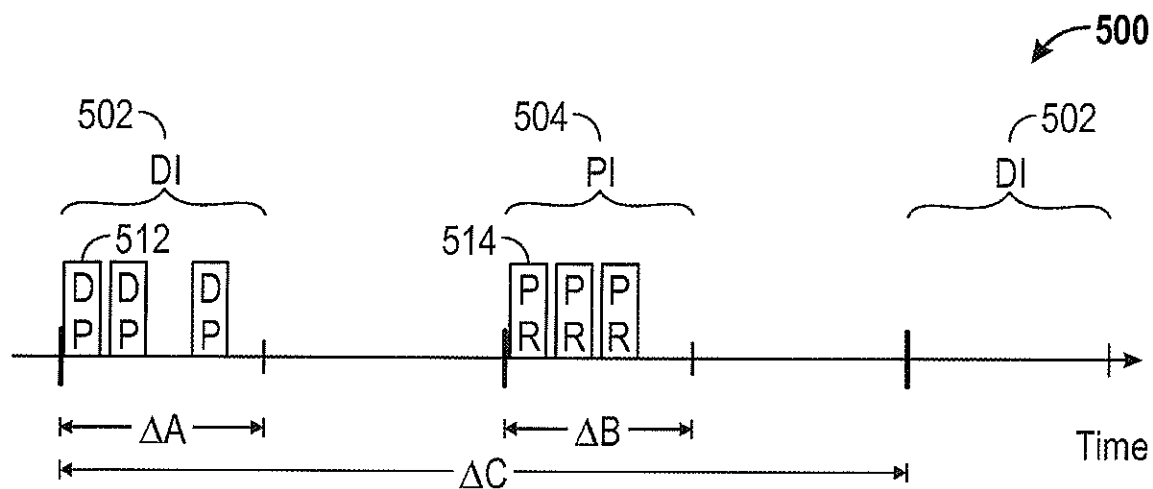


FIG. 5

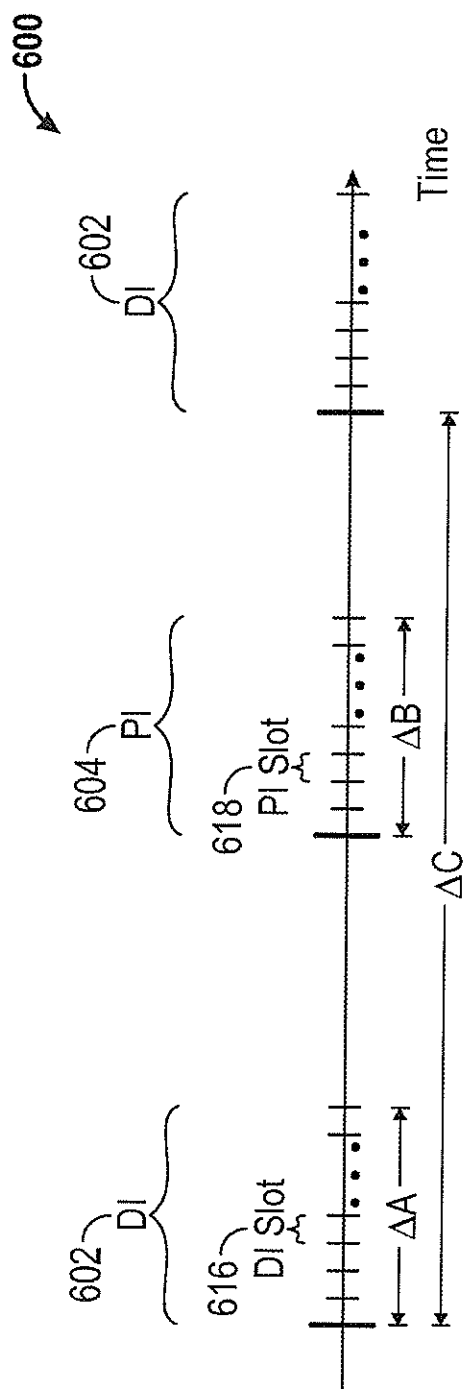


FIG. 6

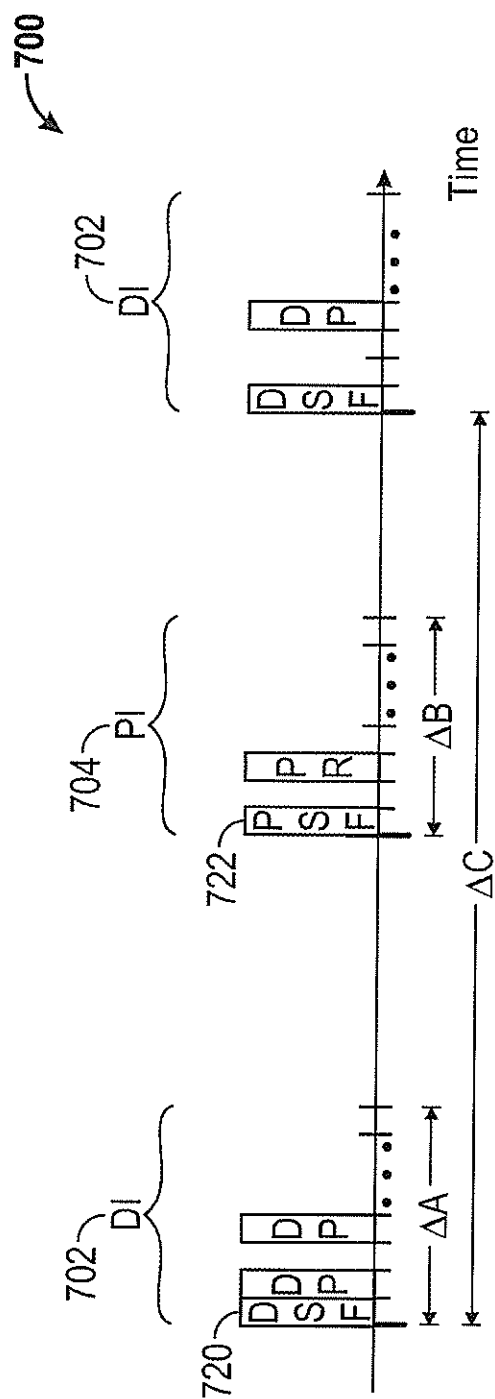


FIG. 7

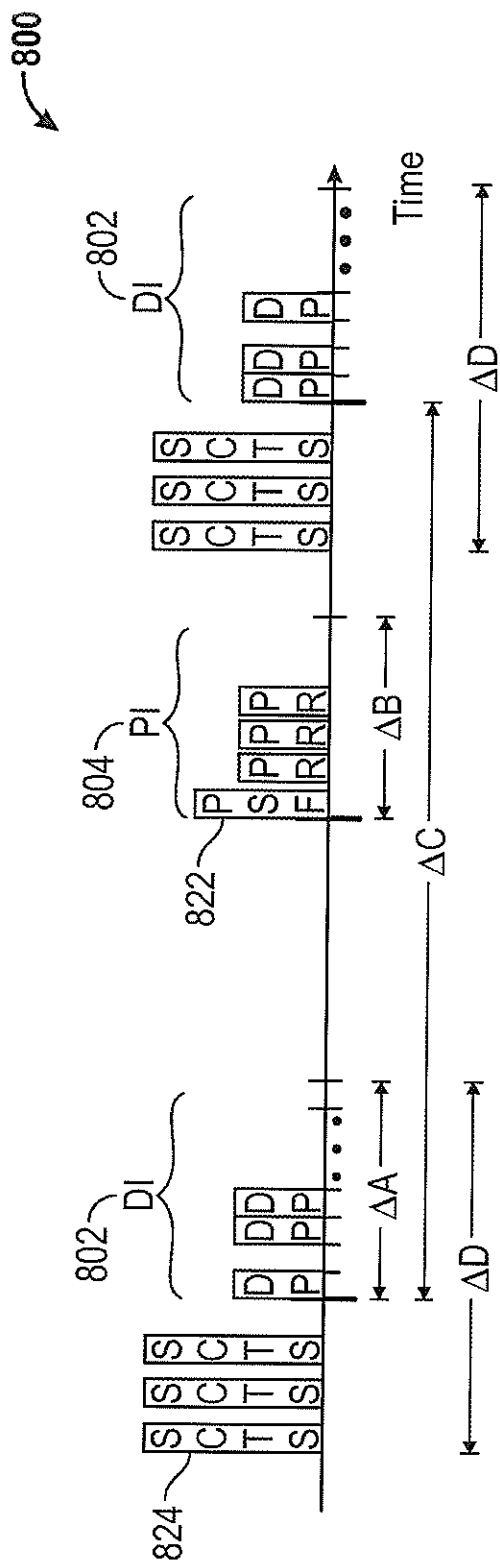


FIG. 8

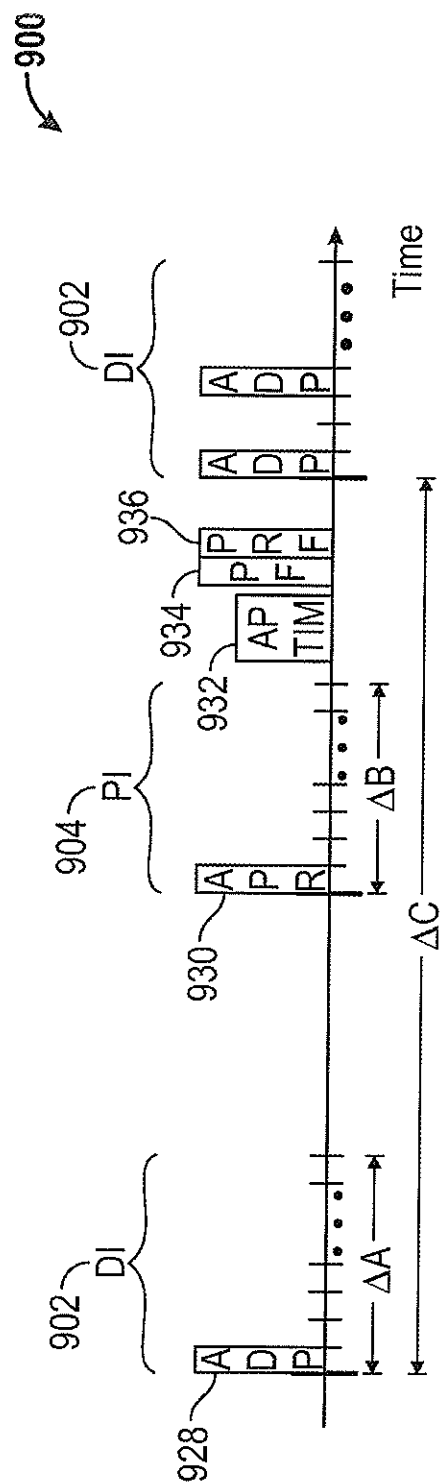


FIG. 9

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1000

|      | Field                     | Size in Octets |
|------|---------------------------|----------------|
| 1050 | 11a/n/ac/ah PHY Preamble  | Variable       |
| 1052 | Frame Control             | 1              |
| 1054 | Control (I)               | 1              |
| 1056 | Duration                  | 2              |
| 1058 | Control (II)              | 1-2            |
| 1060 | Expression                | 16             |
| 1062 | Cyclical Redundancy Check | 4              |

FIG. 10

1100

|      | Field                     | Size in Octets |
|------|---------------------------|----------------|
|      | 11a/n/ac/ah PHY Preamble  | Variable       |
|      | Frame Control             | 1              |
|      | Control (I)               | 1              |
|      | Duration                  | 2              |
| 1164 | Time Stamp                | 4              |
|      | Control (II)              | 1-2            |
|      | Expression                | 16             |
|      | Cyclical Redundancy Check | 4              |

FIG. 11

1200

|      | Field                     | Size in Octets |
|------|---------------------------|----------------|
|      | 11a/n/ac/ah PHY Preamble  | Variable       |
|      | Frame Control             | 1              |
|      | Control (I)               | 1              |
|      | Duration                  | 2              |
|      | Control (II)              | 1-2            |
| 1266 | Source MAC Address        | 6              |
| 1268 | Signature                 | 16             |
|      | Cyclical Redundancy Check | 4              |

FIG. 12

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↖ 1300

|      | Field                  | Size in Octets |
|------|------------------------|----------------|
| 1370 | Category               | 1              |
| 1372 | Action                 | 1              |
| 1374 | Device Signature       | 8              |
| 1376 | Service Searched       | Variable       |
| 1378 | Additional Information | Variable       |

FIG. 13

↖ 1400

|      | Field                       | Size in Octets |
|------|-----------------------------|----------------|
|      | Category                    | 1              |
|      | Action                      | 1              |
| 1480 | MAC Address Requesting STA  | 6              |
| 1482 | Signature in Paging Request | 8              |
| 1484 | Additional Information      | Variable       |

FIG. 14

↖ 1500

|      | Field                                   | Size in Octets |
|------|-----------------------------------------|----------------|
|      | Category                                | 1              |
|      | Action                                  | 1              |
| 1586 | MAC Address of STA from Paging Response | 6              |
| 1588 | Signature STA Sending Paging Response   | 8              |
| 1590 | Additional Information                  | Variable       |

FIG. 15

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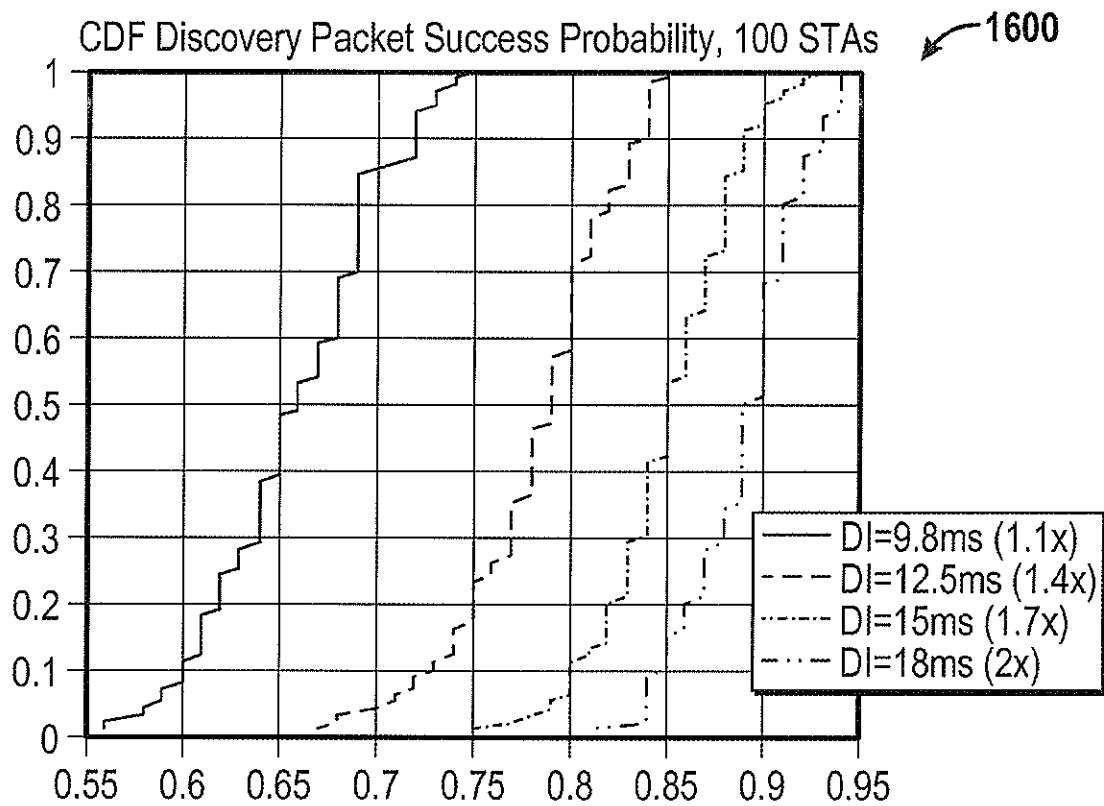


FIG. 16

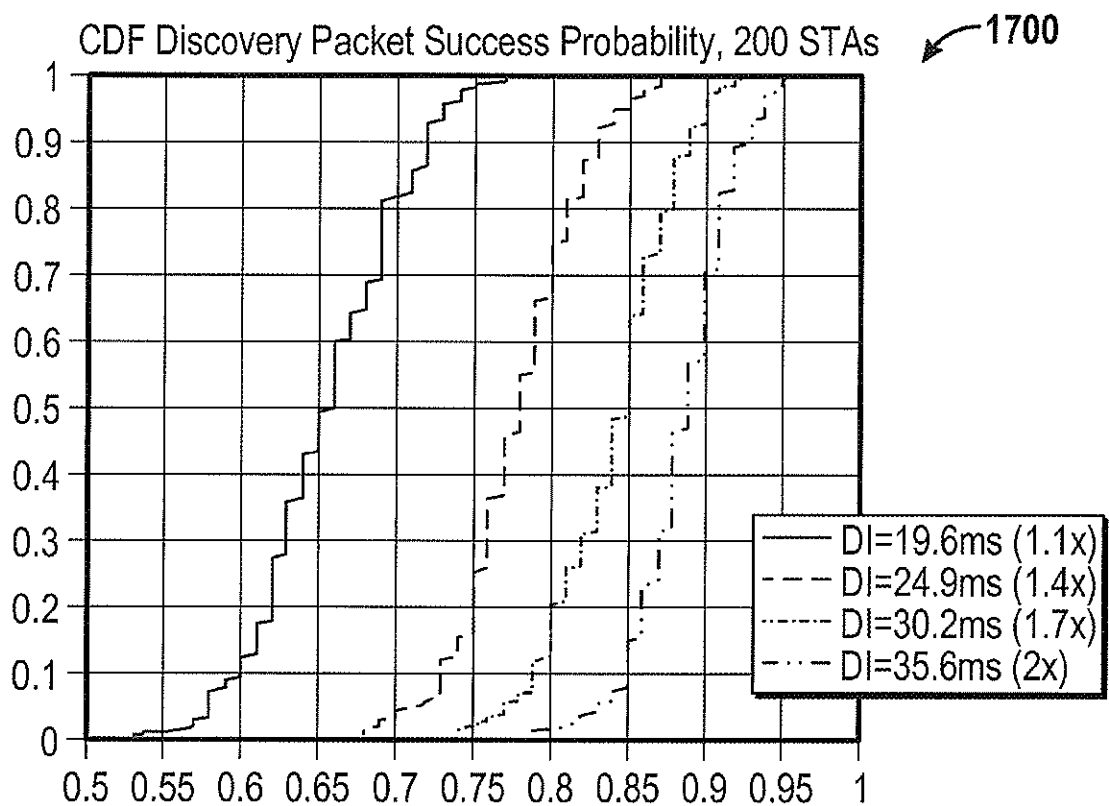


FIG. 17

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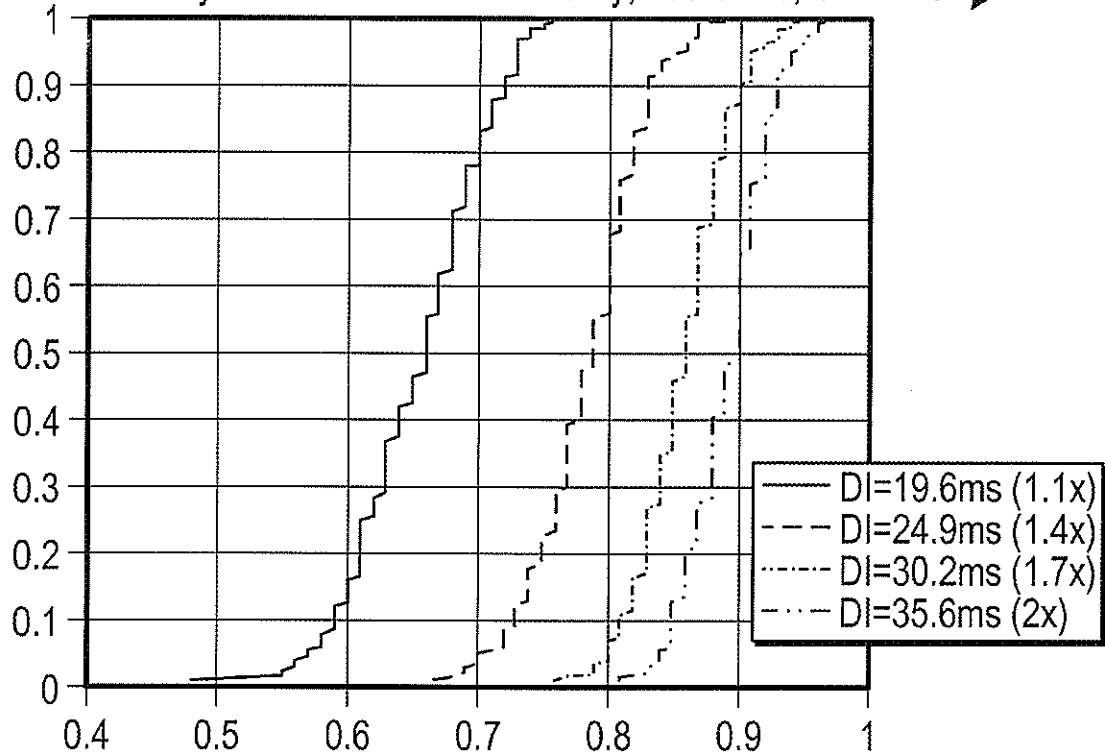
CDF Discovery Packet Success Probability, 200 STAs, CWMin 31  $\swarrow$  1800

FIG. 18

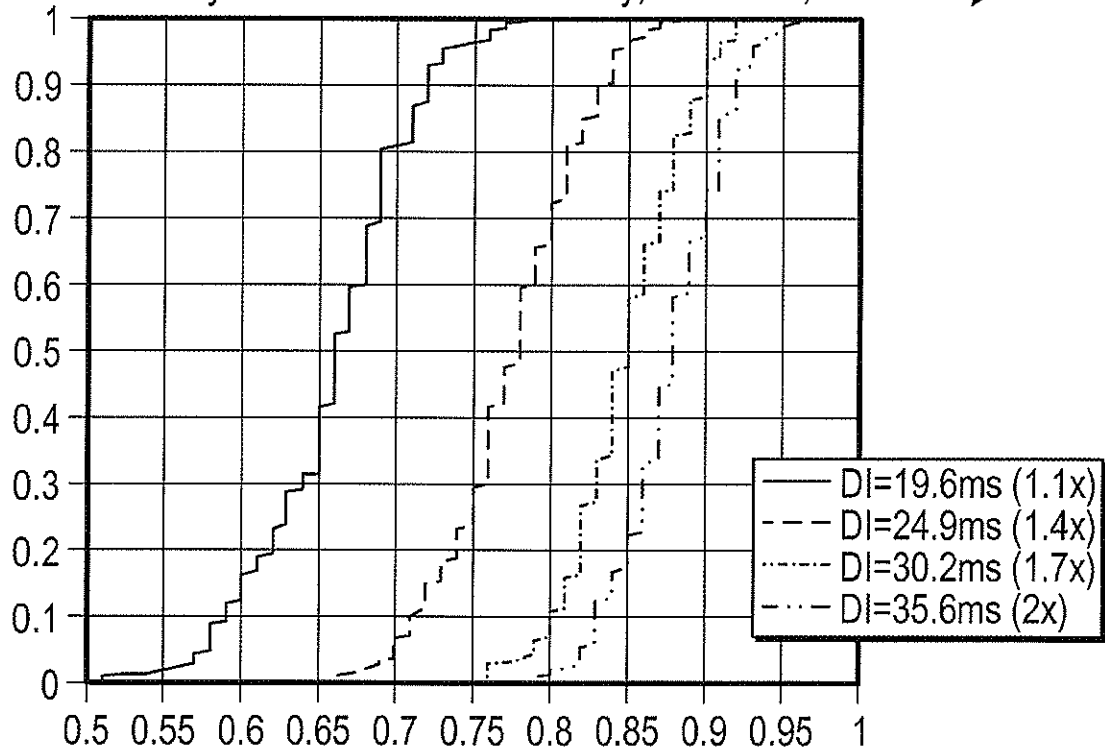
CDF Discovery Packet Success Probability, 200 STAs, CWMin 7  $\swarrow$  1900

FIG. 19

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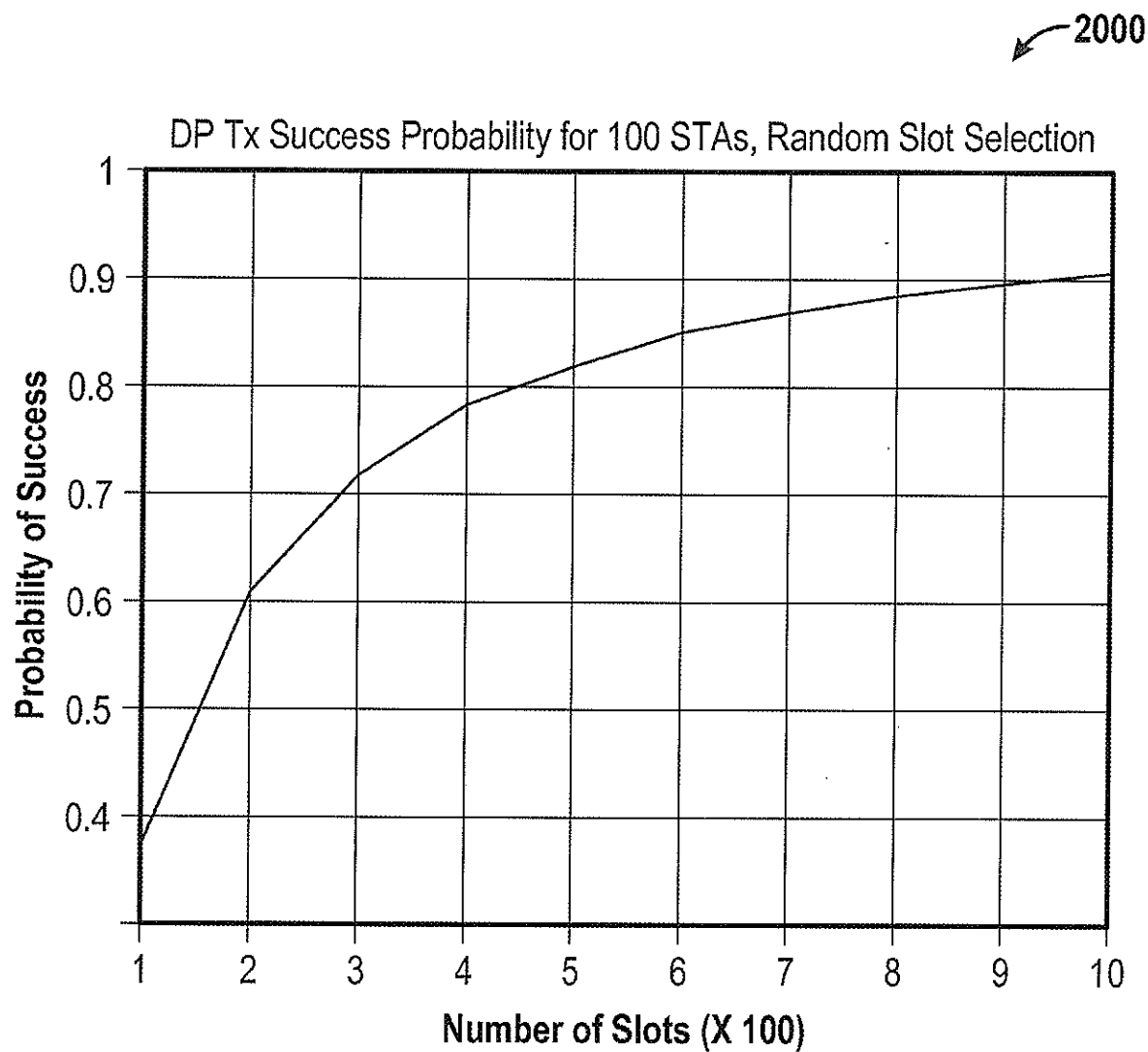


FIG. 20

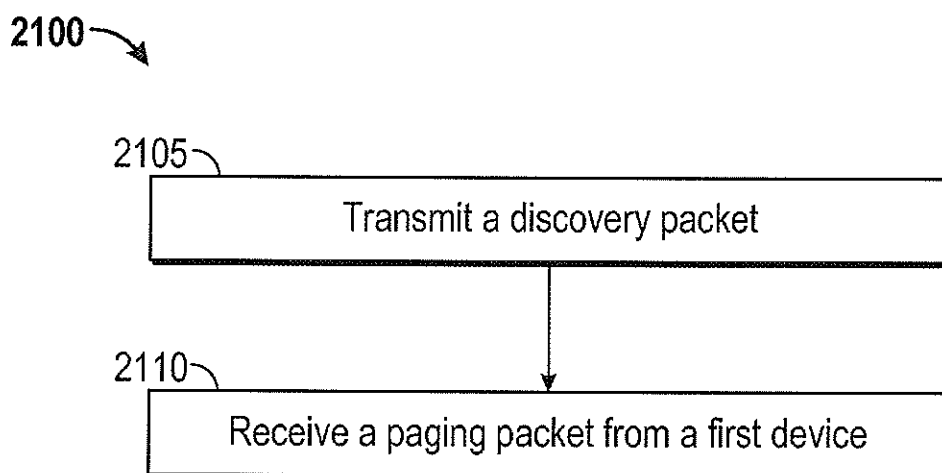


FIG. 21

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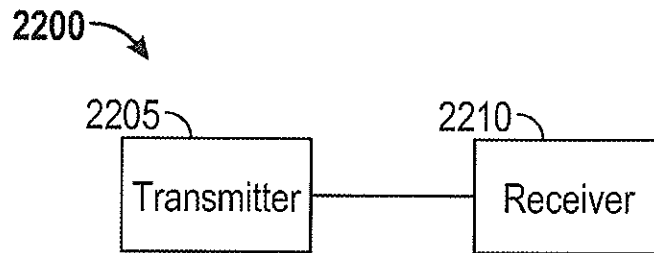


FIG. 22

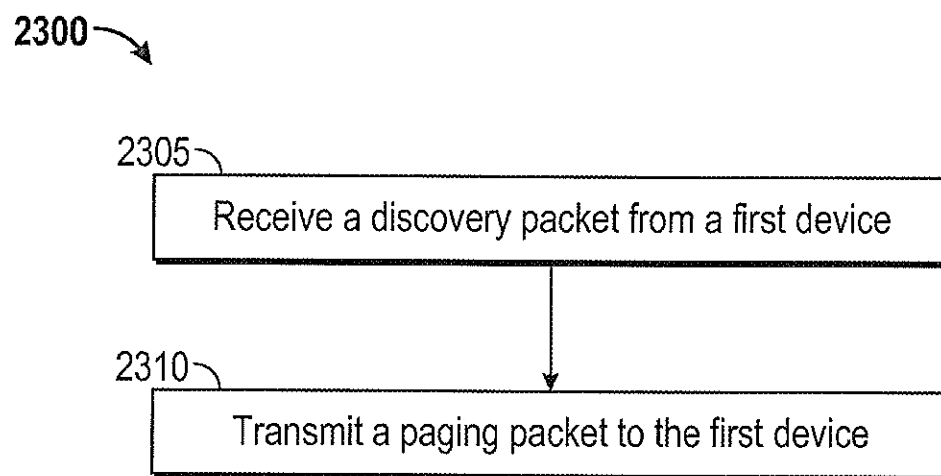


FIG. 23

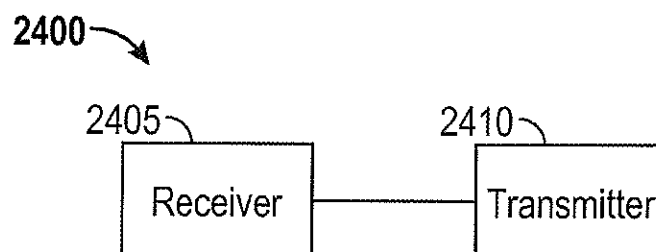


FIG. 24

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2500

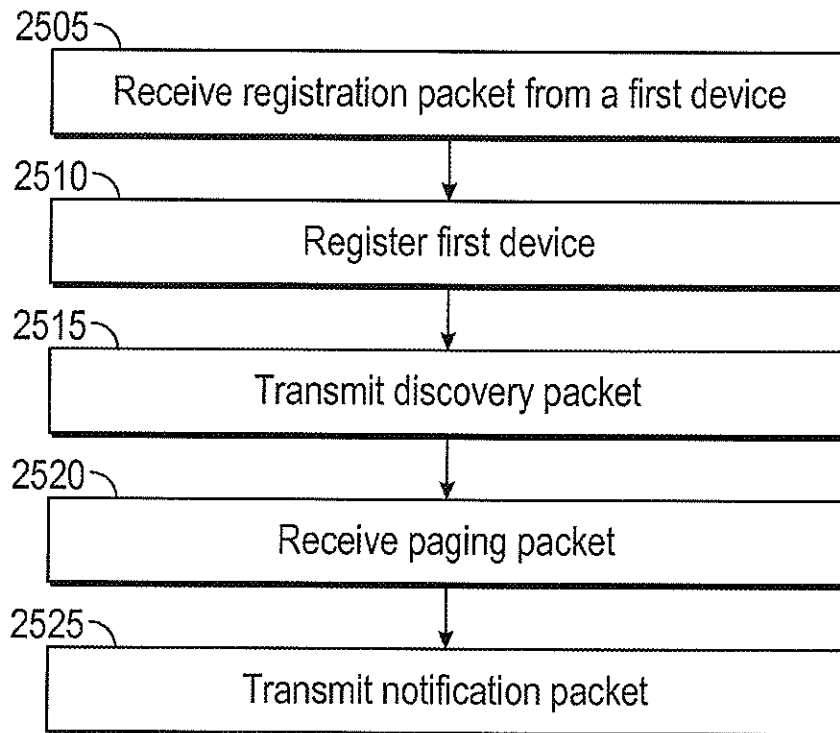


FIG. 25

2600

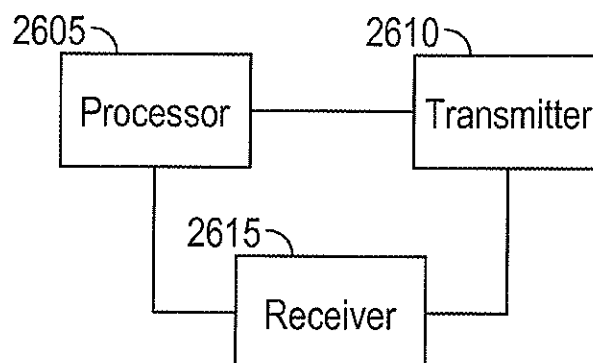


FIG. 26

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2700

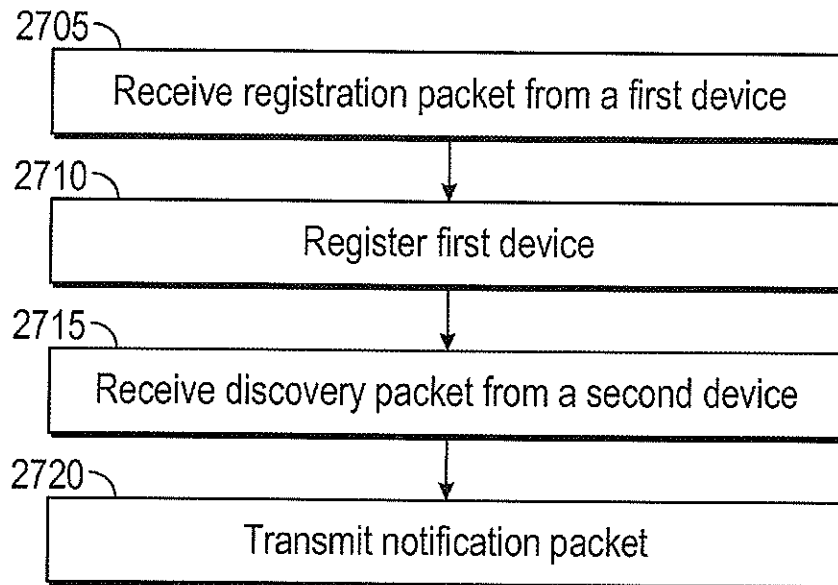


FIG. 27

2800

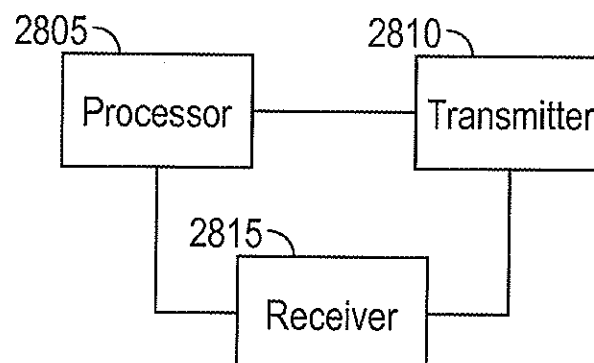


FIG. 28

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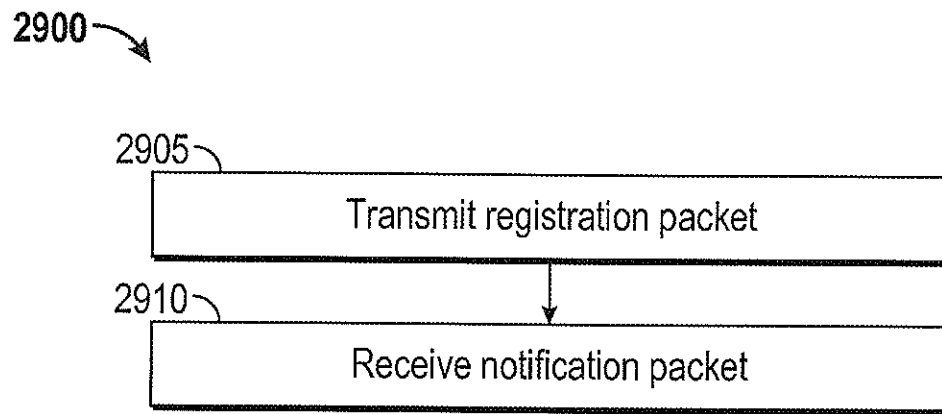


FIG. 29

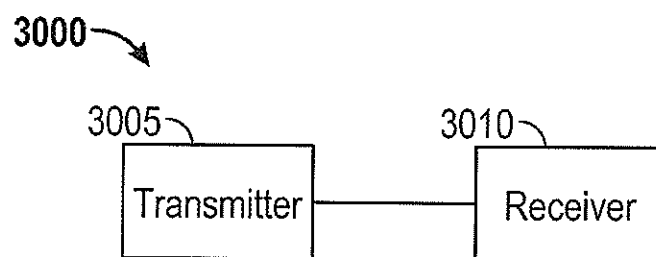


FIG. 30