

FIG. 1

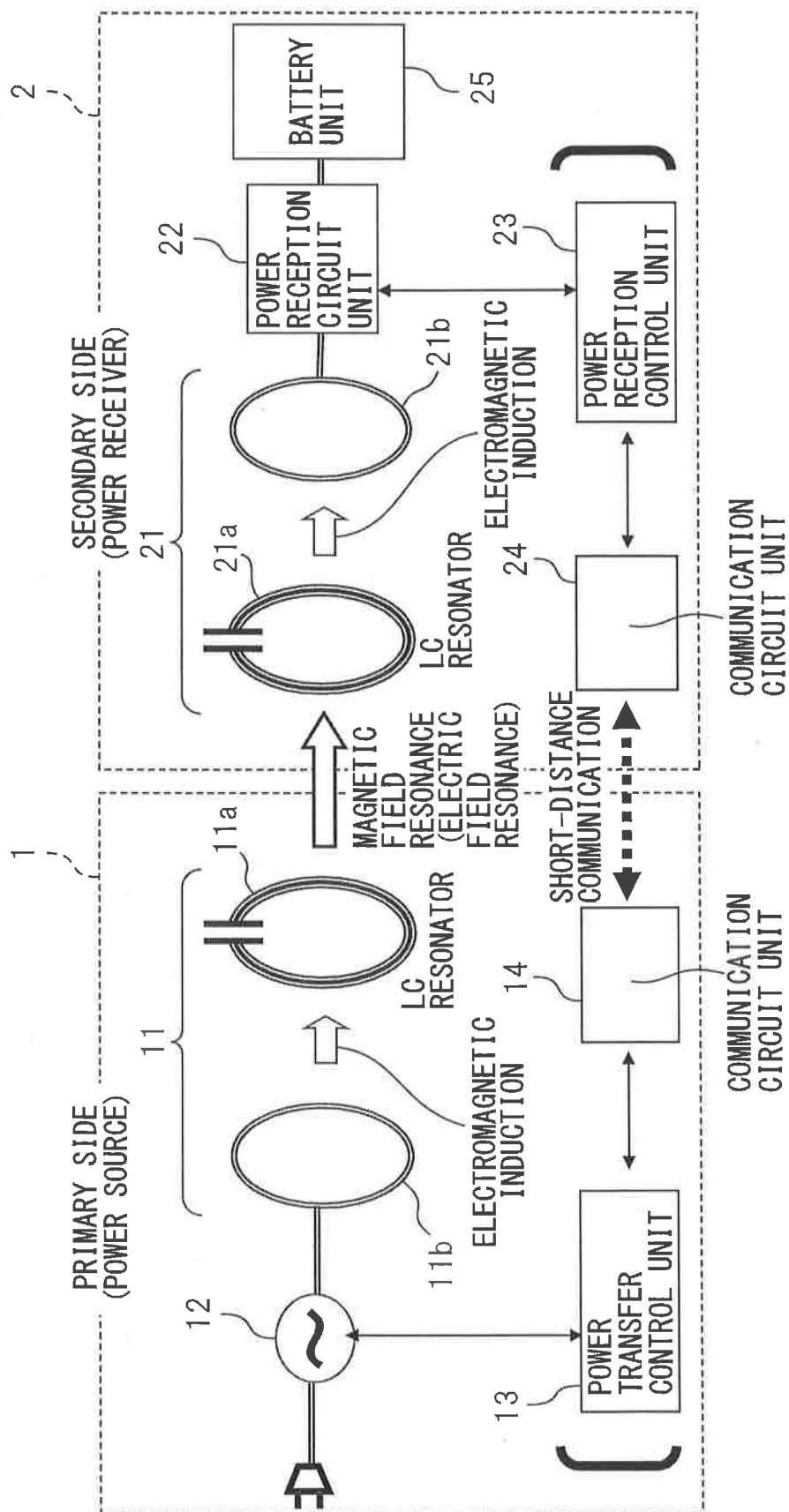
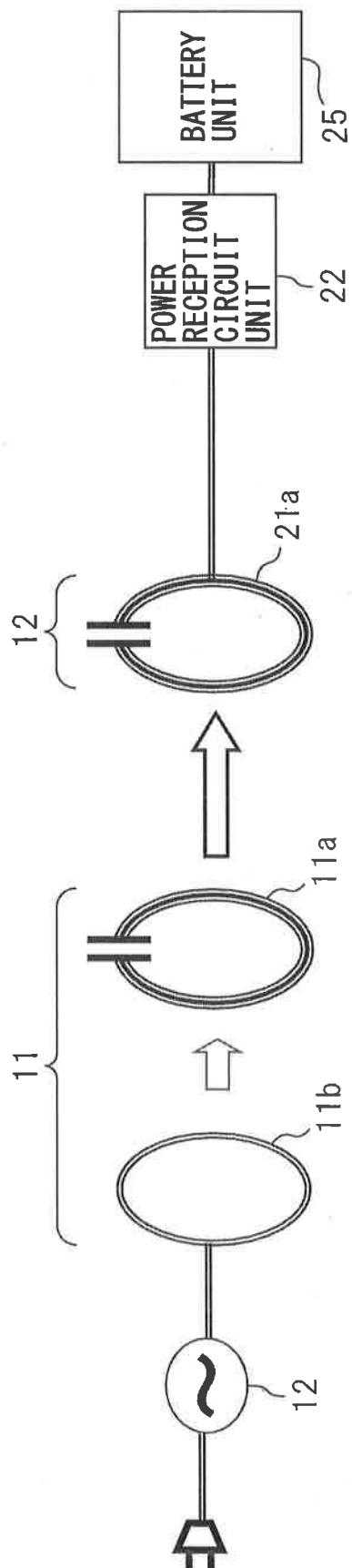


FIG. 2A

[EXAMPLE OF THREE-COIL STRUCTURE]



[EXAMPLE OF THREE-COIL STRUCTURE]

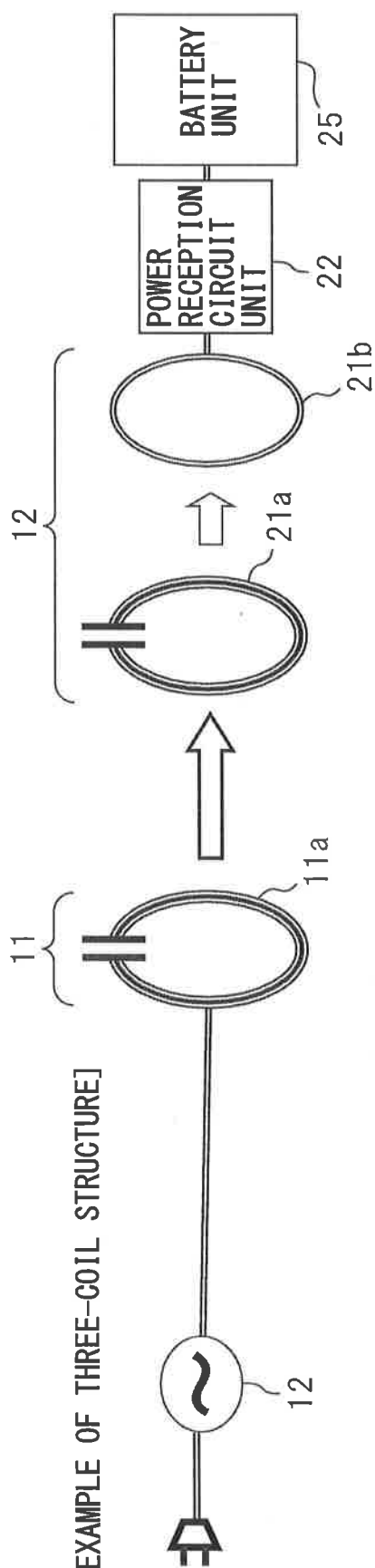


FIG. 2B

[EXAMPLE OF TWO-COIL STRUCTURE]

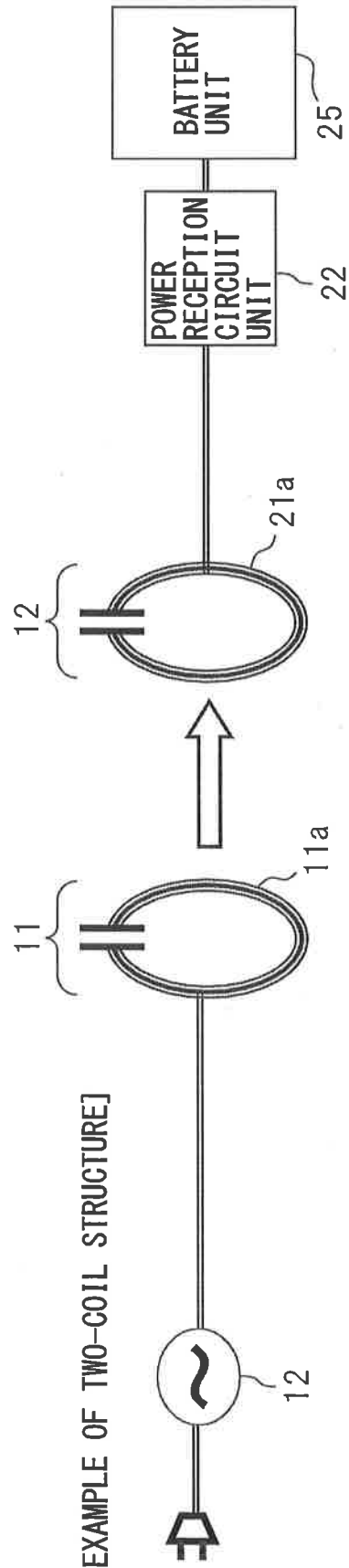


FIG. 2C

FIG. 3A

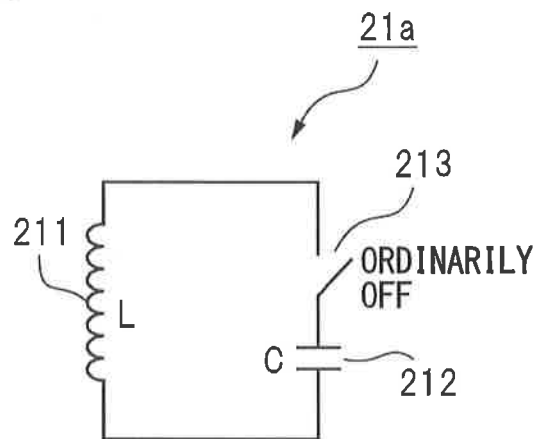


FIG. 3B

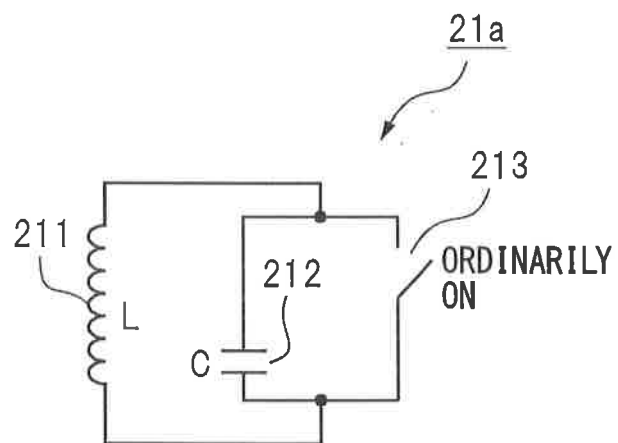


FIG. 3C

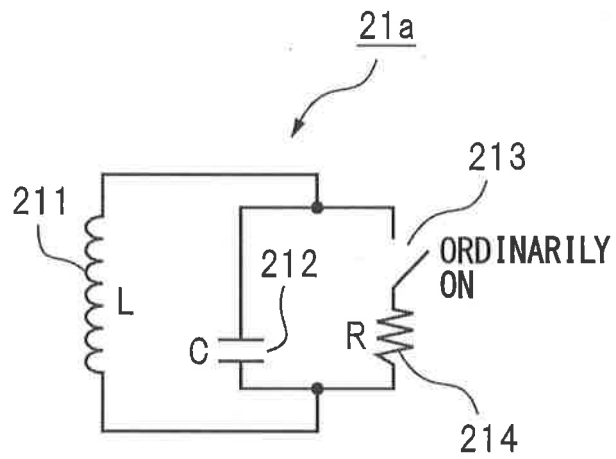


FIG. 3D

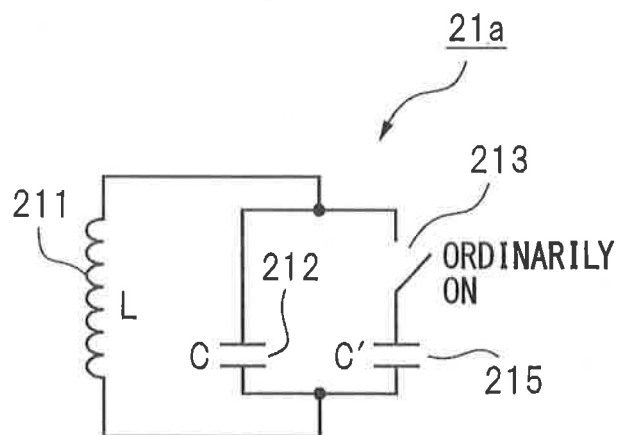
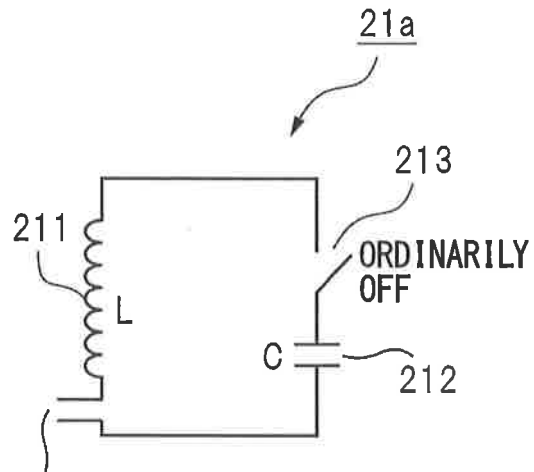
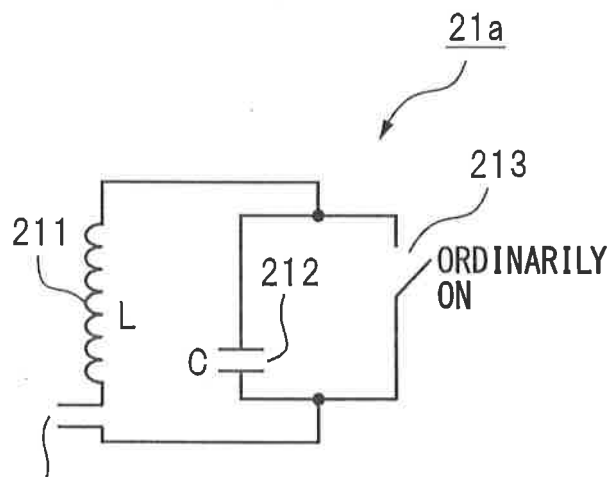


FIG. 4A



(TO POWER RECEPTION CIRCUIT UNIT 22)

FIG. 4B



(TO POWER RECEPTION CIRCUIT UNIT 22)

FIG. 4C

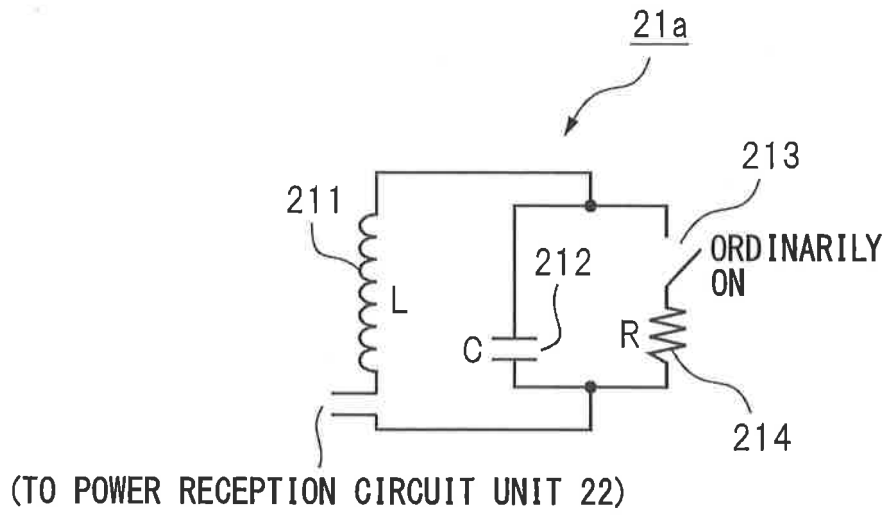


FIG. 4D

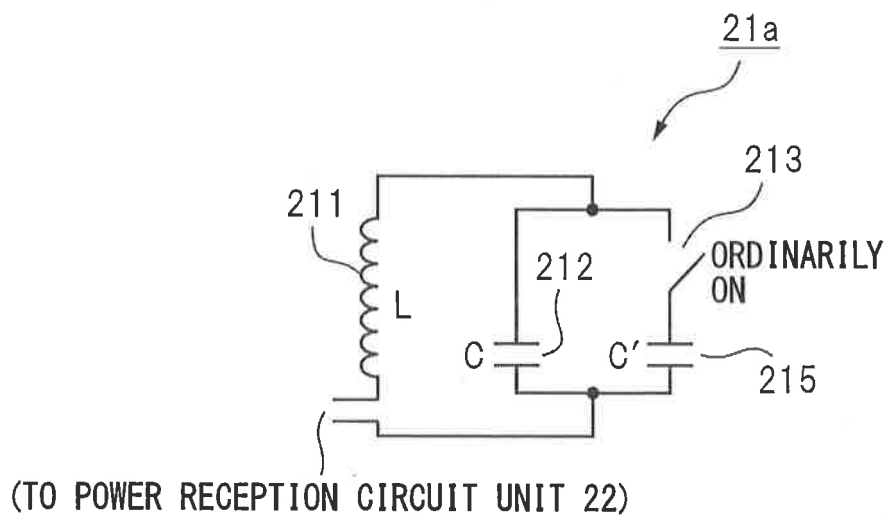


FIG. 5A

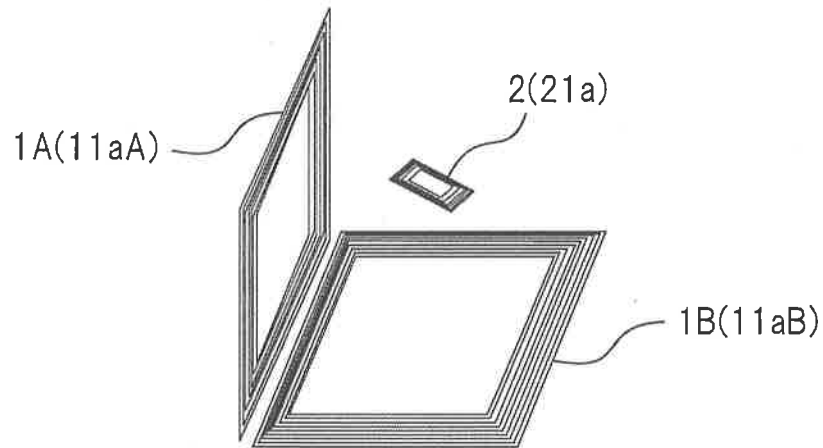


FIG. 5B

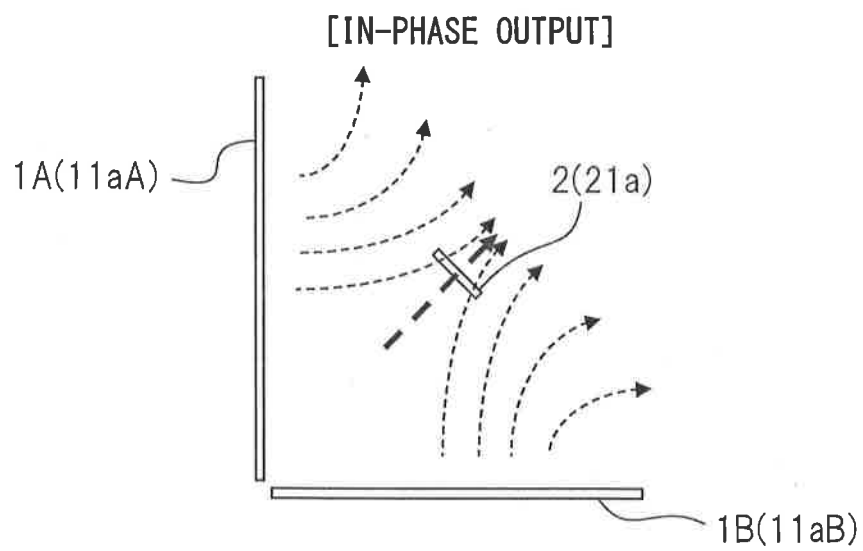


FIG. 5C

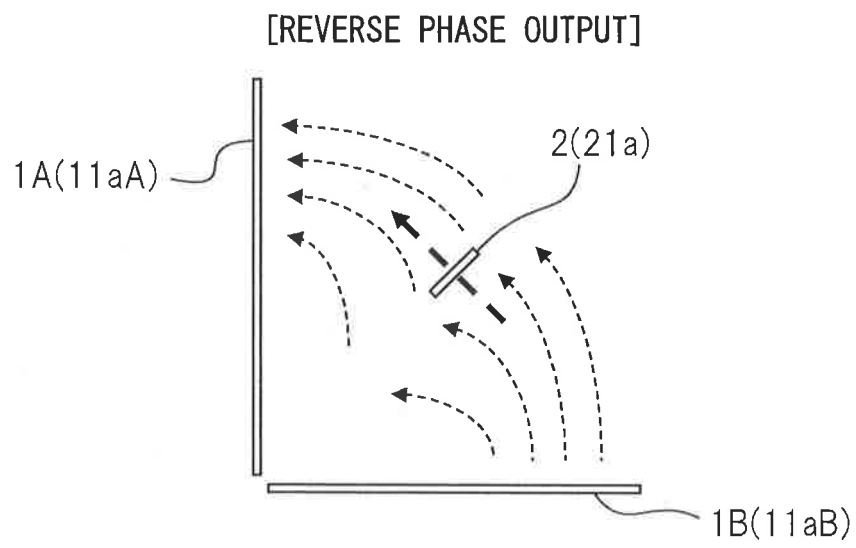


FIG. 6A

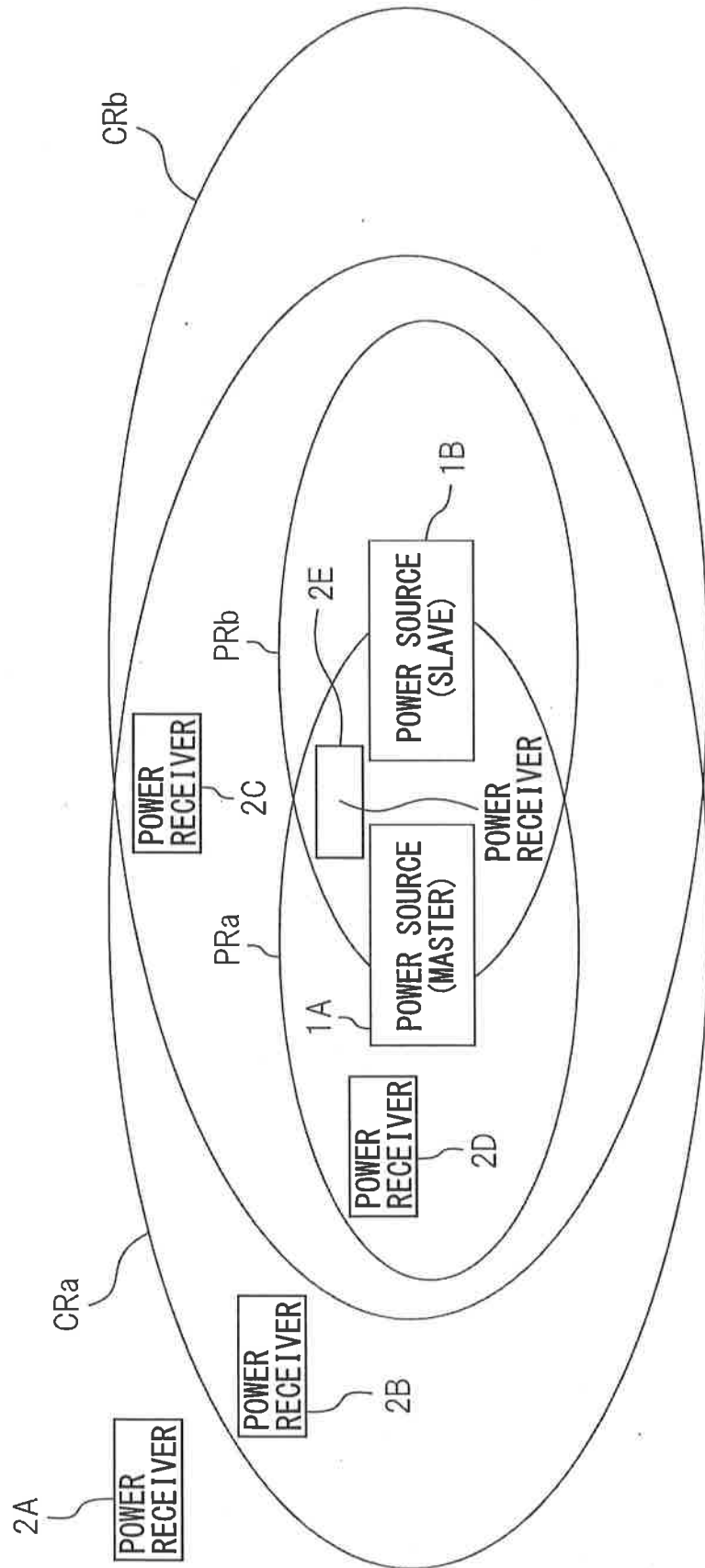


FIG. 6B

	WITHIN MASTER COMMUNICATION AREA	WITHIN SLAVE COMMUNICATION AREA	WITHIN MASTER POWER TRANSFER AREA	WITHIN SLAVE POWER TRANSFER AREA	OPERATION
POWER RECEIVER 2A	×	×	×	×	WAITS FOR COMMUNICATION FROM POWER SOURCE
POWER RECEIVER 2B	○	×	×	×	COMMUNICATES WITH POWER SOURCE 1A→ →CONFIRMED TO BE OUTSIDE POWER AREA
POWER RECEIVER 2C	○	○	×	×	COMMUNICATES WITH POWER SOURCES 1A AND 1B →CONFIRMED TO BE OUTSIDE POWER AREA
POWER RECEIVER 2D	○	○	○	×	COMMUNICATES WITH POWER SOURCES 1A AND 1B →CONFIRMED TO BE WITHIN POWER AREA OF 1A
POWER RECEIVER 2E	○	○	○	○	COMMUNICATES WITH POWER SOURCES 1A AND 1B →CONFIRMED TO BE WITHIN POWER AREAS OF 1A AND 1B

FIG. 6C

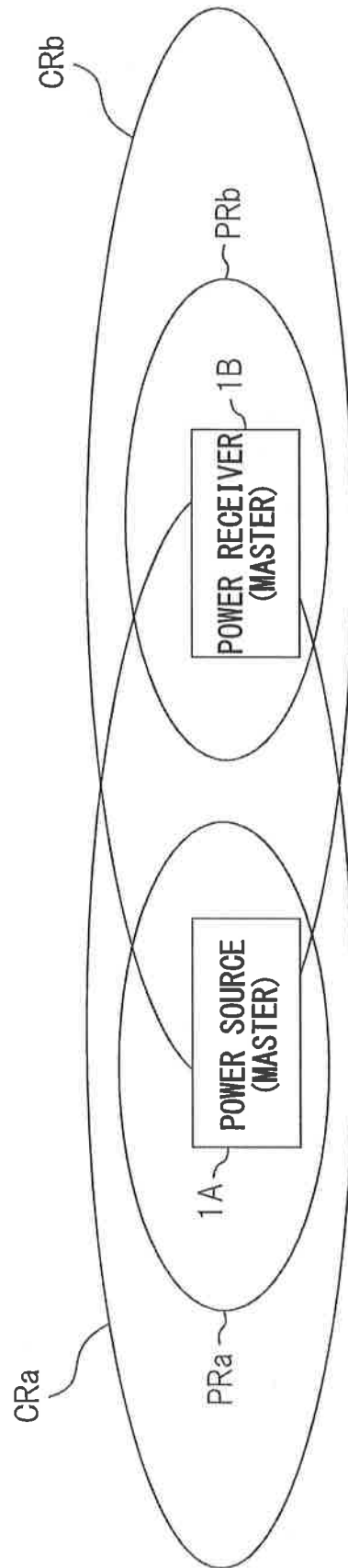


FIG. 6D

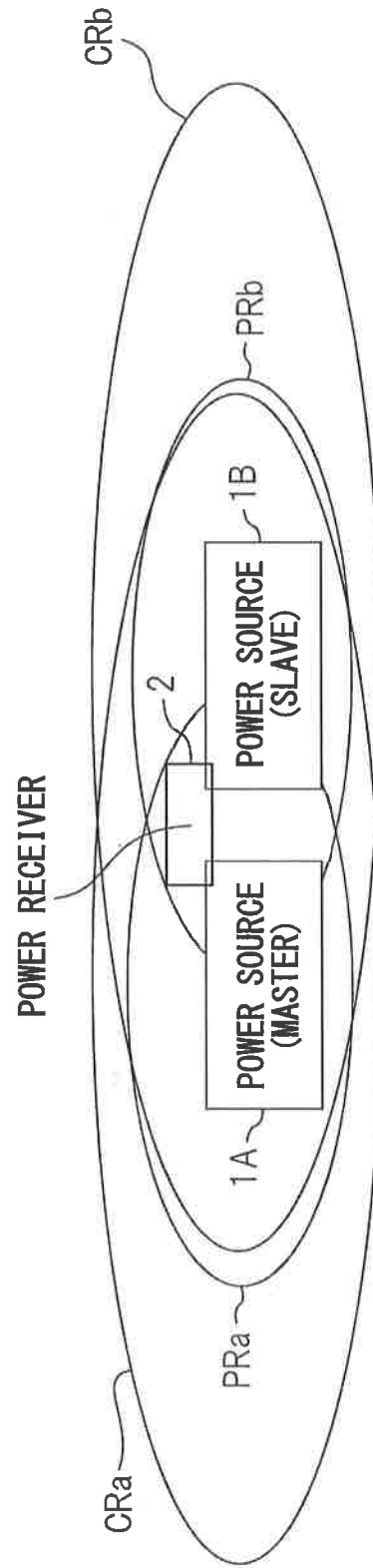


FIG. 6E

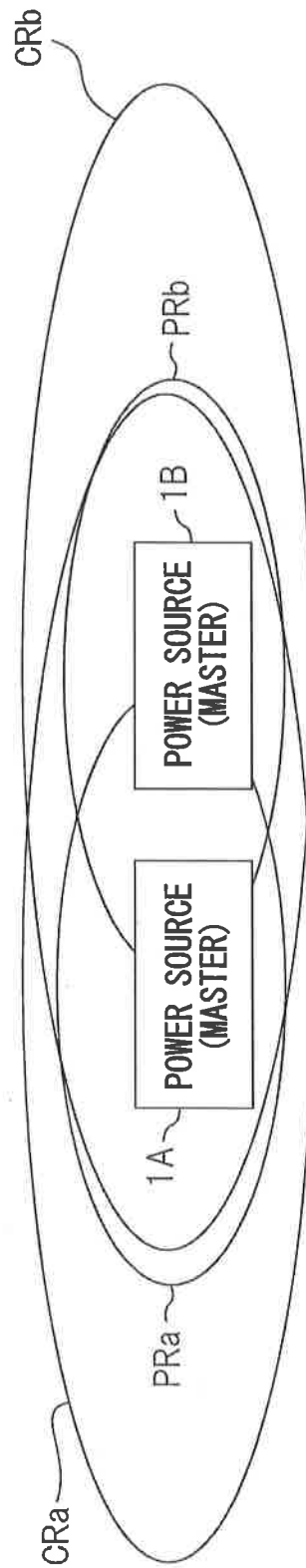


FIG. 6F

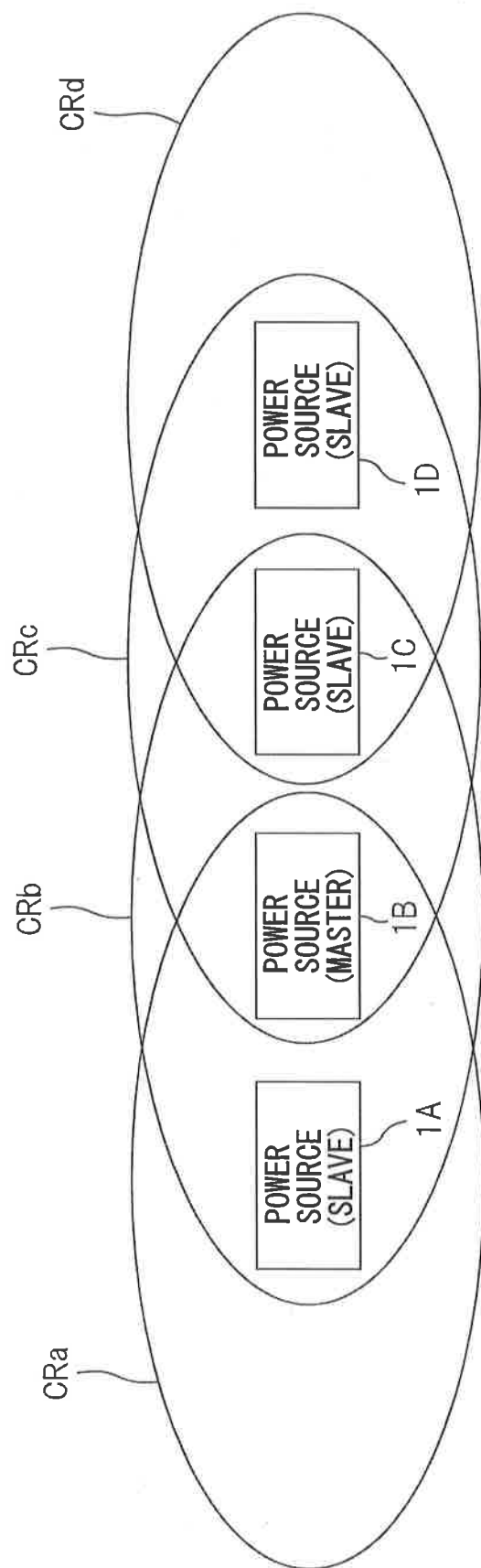


FIG. 7

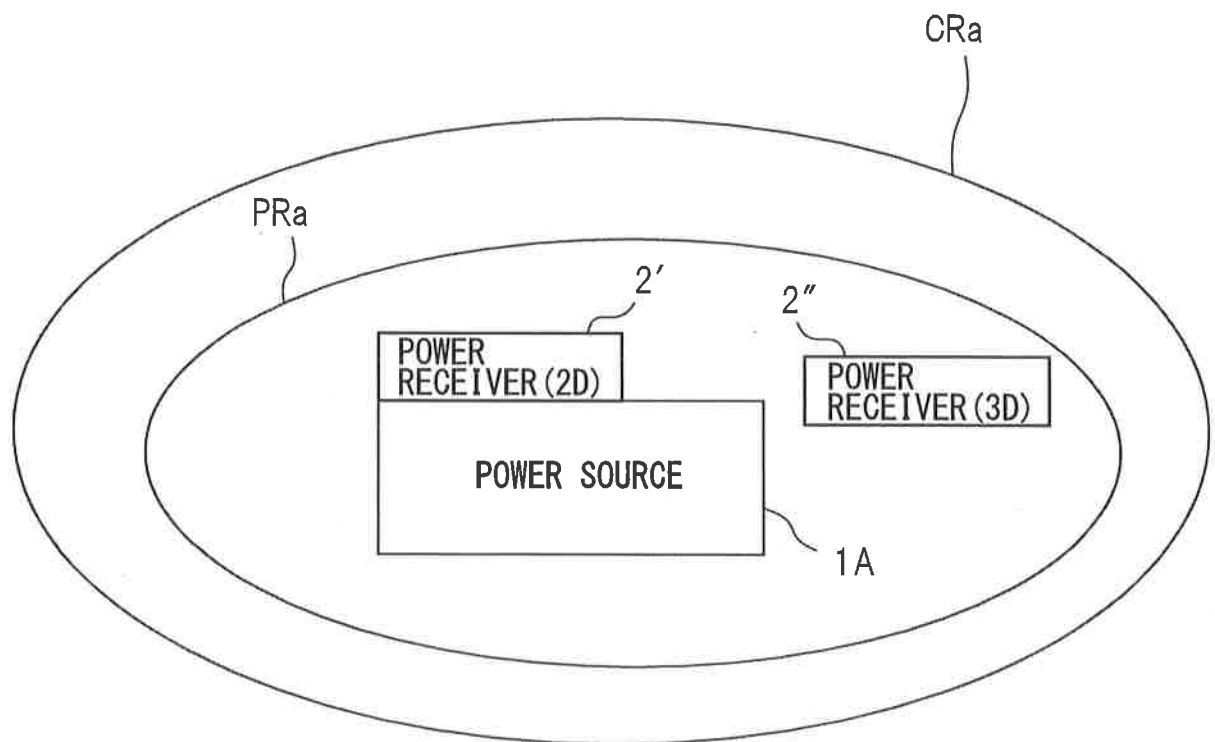
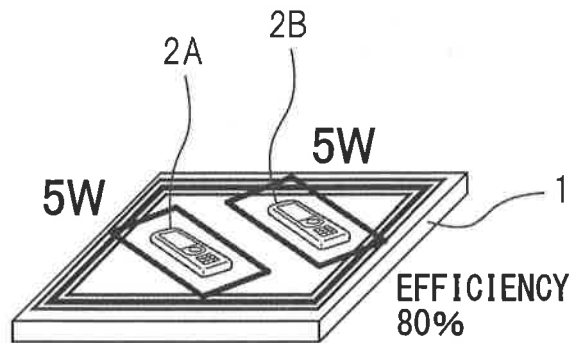


FIG. 8A

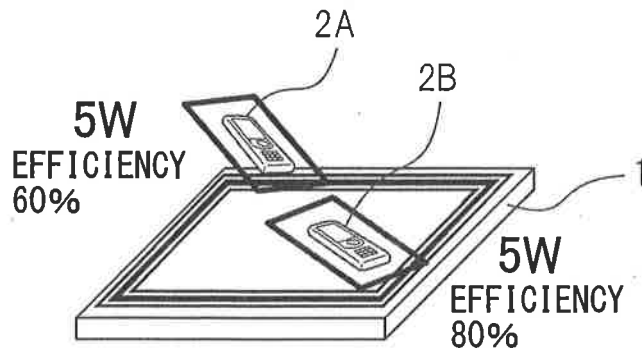
[2-DIMENSIONAL CHARGING]



EQUAL RECEIVED POWER+EQUAL
EFFICIENCY=TRANSMITTED POWER TO
INDIVIDUAL POWER RECEIVERS IS SAME $\Rightarrow$ SIMULTANEOUS TRANSMISSION
MODE IS POSSIBLE

FIG. 8B

[3-DIMENSIONAL CHARGING]



EQUAL RECEIVED POWER+DIFFERENT
EFFICIENCIES=TRANSMITTED POWER TO
INDIVIDUAL POWER RECEIVERS IS DIFFERENT $\Rightarrow$ TIME DIVISION
TRANSMISSION MODE

FIG. 8C

[2-DIMENSIONAL CHARGING]

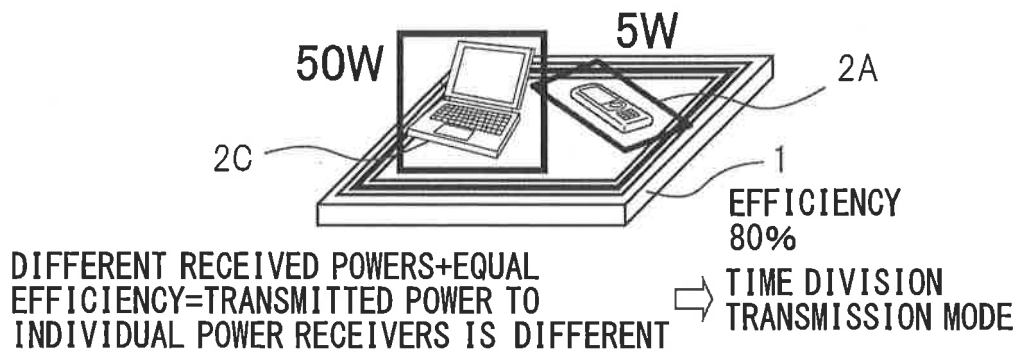


FIG. 8D

[3-DIMENSIONAL CHARGING]

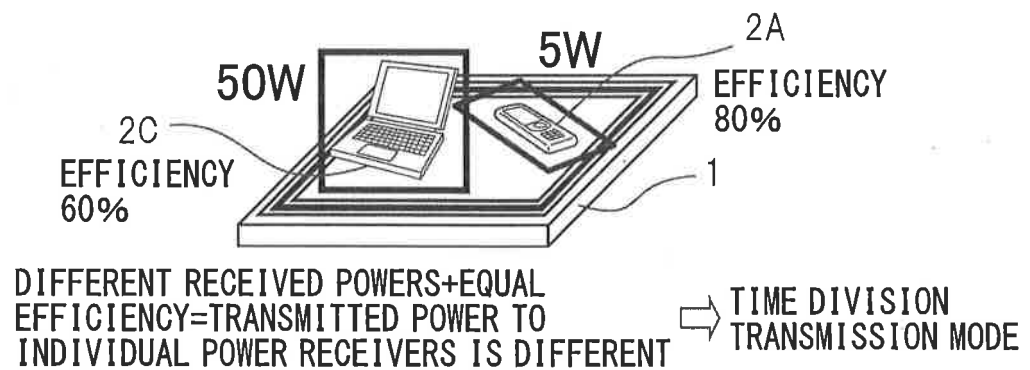
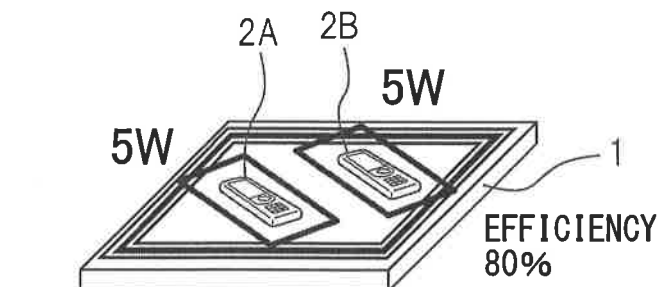


FIG. 8E

[2-DIMENSIONAL CHARGING]



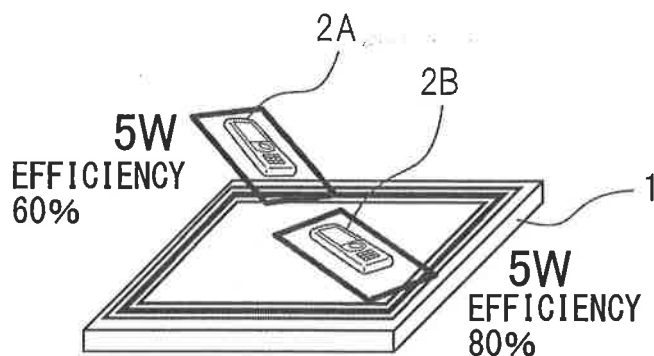
EQUAL RECEIVED POWER+EQUAL
EFFICIENCY=TRANSMITTED POWER TO
INDIVIDUAL POWER RECEIVERS IS SAME

POWER DISTRIBUTION
CONTROLLED BY
RESONANCE SYSTEM
ADJUSTMENT

⇒ SIMULTANEOUS TRANSMISSION
MODE IS POSSIBLE
(TIME DIVISION MODE IS
OBVIOUSLY POSSIBLE)

FIG. 8F

[3-DIMENSIONAL CHARGING]



EQUAL RECEIVED POWER+DIFFERENT
EFFICIENCIES=TRANSMITTED POWER TO
INDIVIDUAL POWER RECEIVERS IS DIFFERENT

POWER DISTRIBUTION
CONTROLLED BY
RESONANCE SYSTEM
ADJUSTMENT

⇒ SIMULTANEOUS TRANSMISSION
MODE IS POSSIBLE
(TIME DIVISION MODE
IS OBVIOUSLY POSSIBLE)

FIG. 8G

[2-DIMENSIONAL CHARGING]

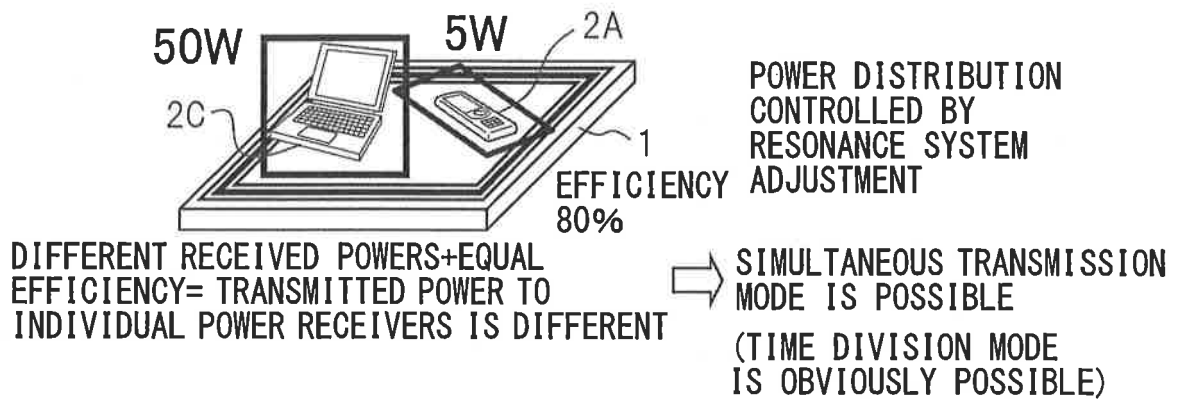


FIG. 8H

[3-DIMENSIONAL CHARGING]

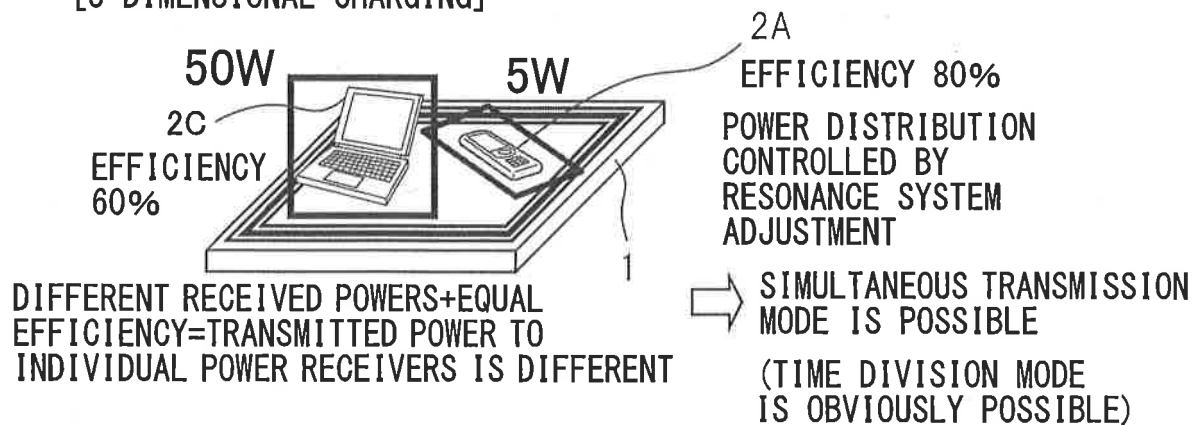


FIG. 9

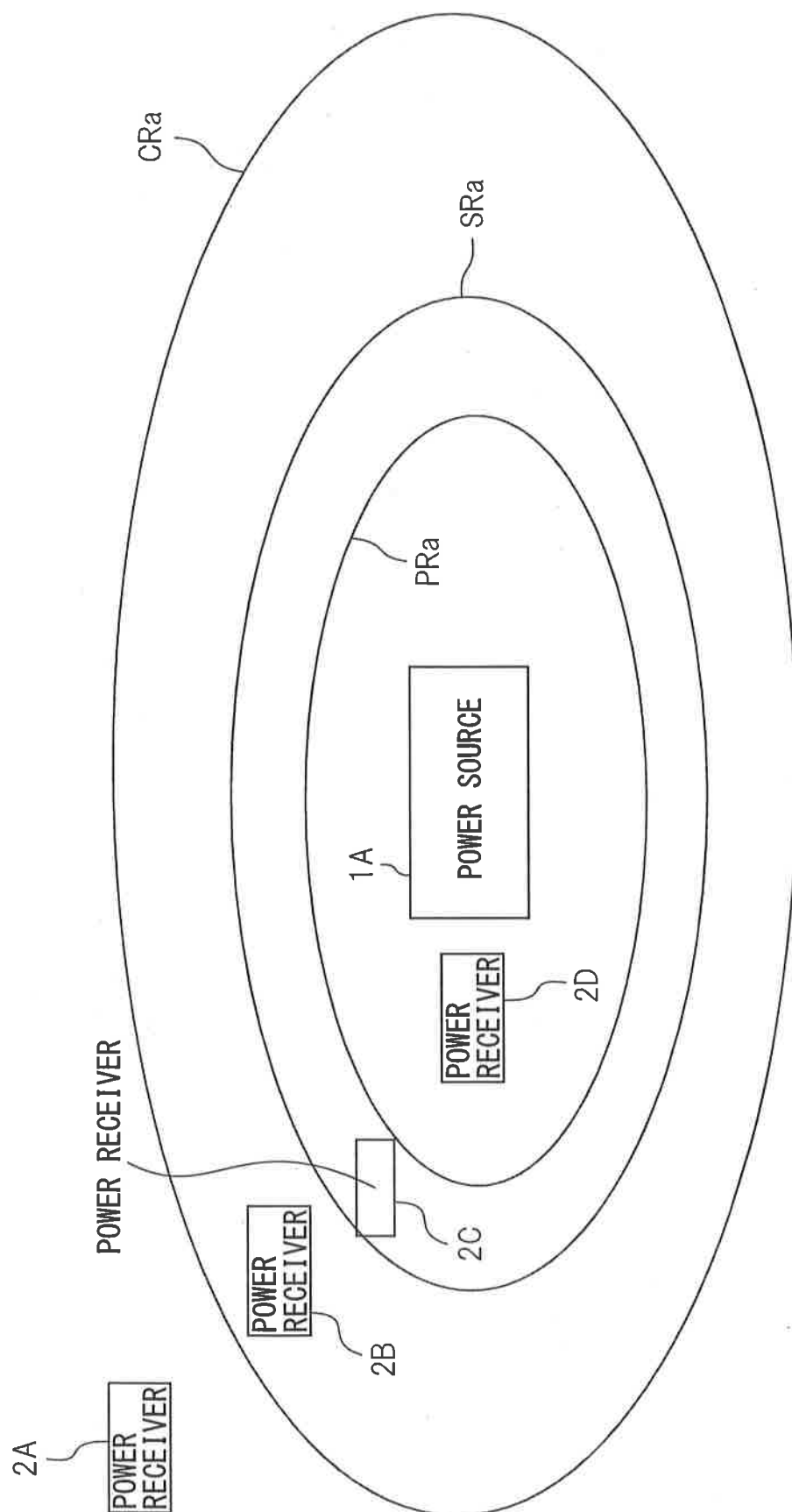


FIG. 10

	WITHIN COMMUNICATION AREA	WITHIN HUMAN DETECTION SENSOR AREA	WITHIN POWER TRANSFER AREA	OPERATION
POWER RECEIVER 2A	×	×	×	WAITS FOR COMMUNICATION FROM POWER SOURCE
POWER RECEIVER 2B	○	×	×	COMMUNICATES WITH POWER SOURCE → CONFIRMED TO BE OUTSIDE POWER AREA
POWER RECEIVER 2C	○	○	×	COMMUNICATES WITH POWER SOURCE → CONFIRMED TO BE OUTSIDE POWER AREA
POWER RECEIVER 2D	○	○	○	COMMUNICATES WITH POWER SOURCE → CONFIRMED TO BE WITHIN POWER AREA → CONFIRMED BY HUMAN DETECTION SENSOR

FIG. 11

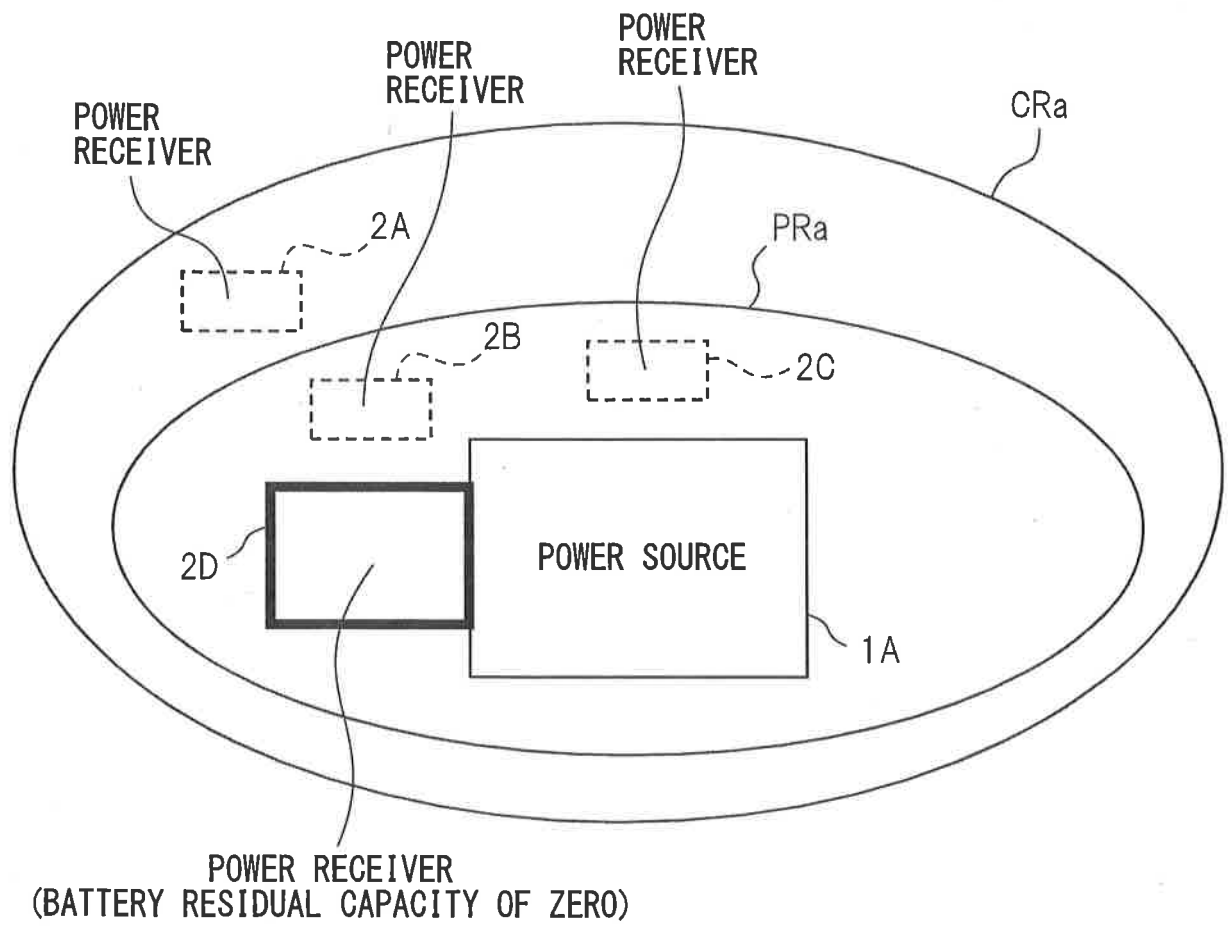


FIG. 12A

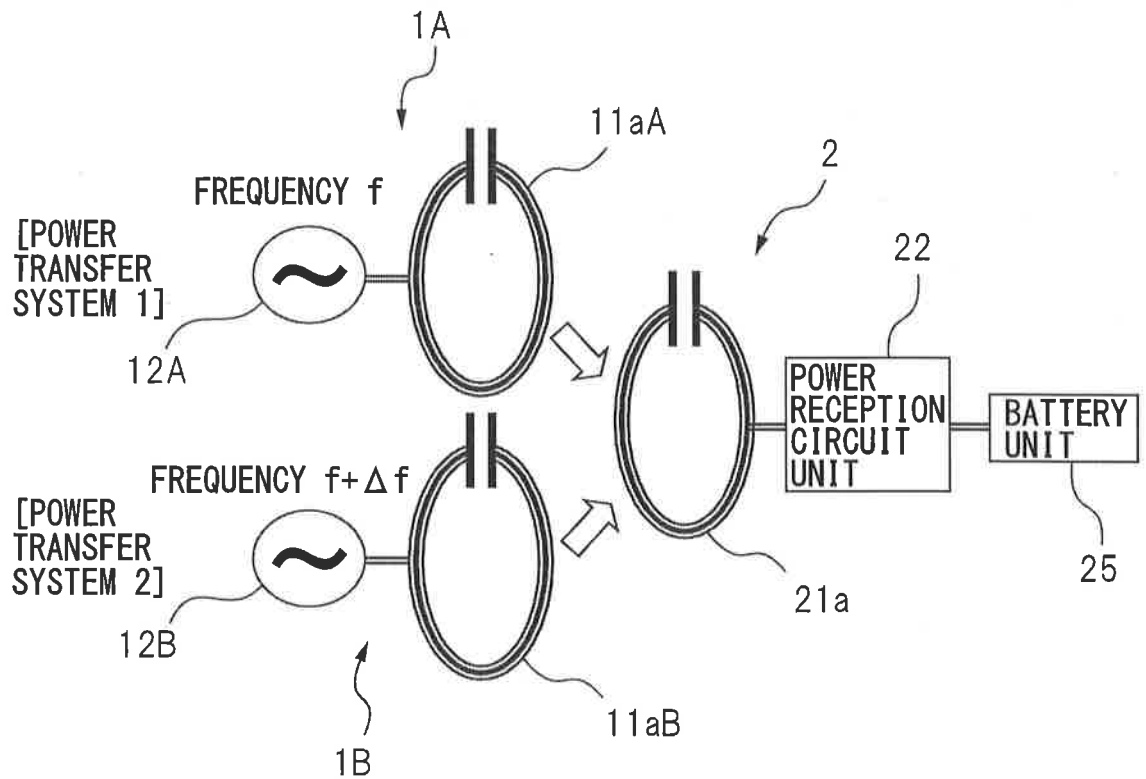


FIG. 12B

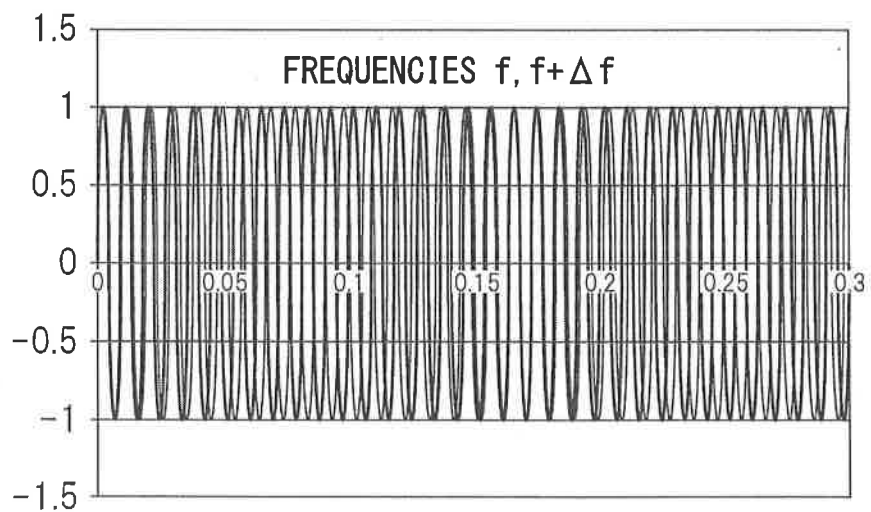


FIG. 12C

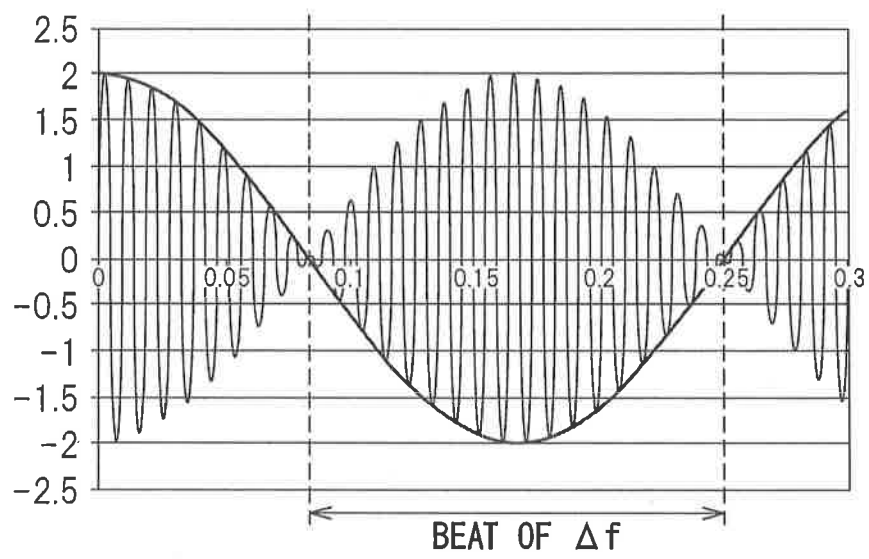


FIG. 13A

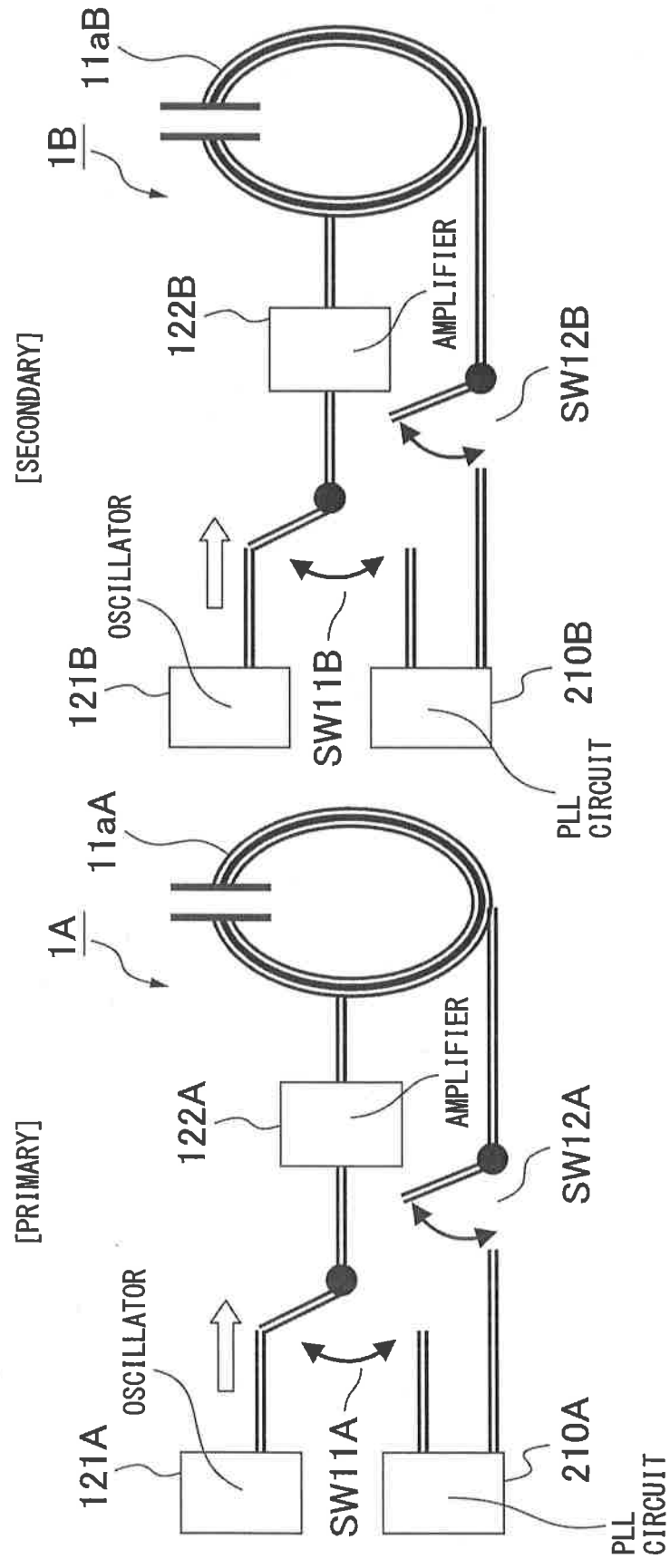


FIG. 13C

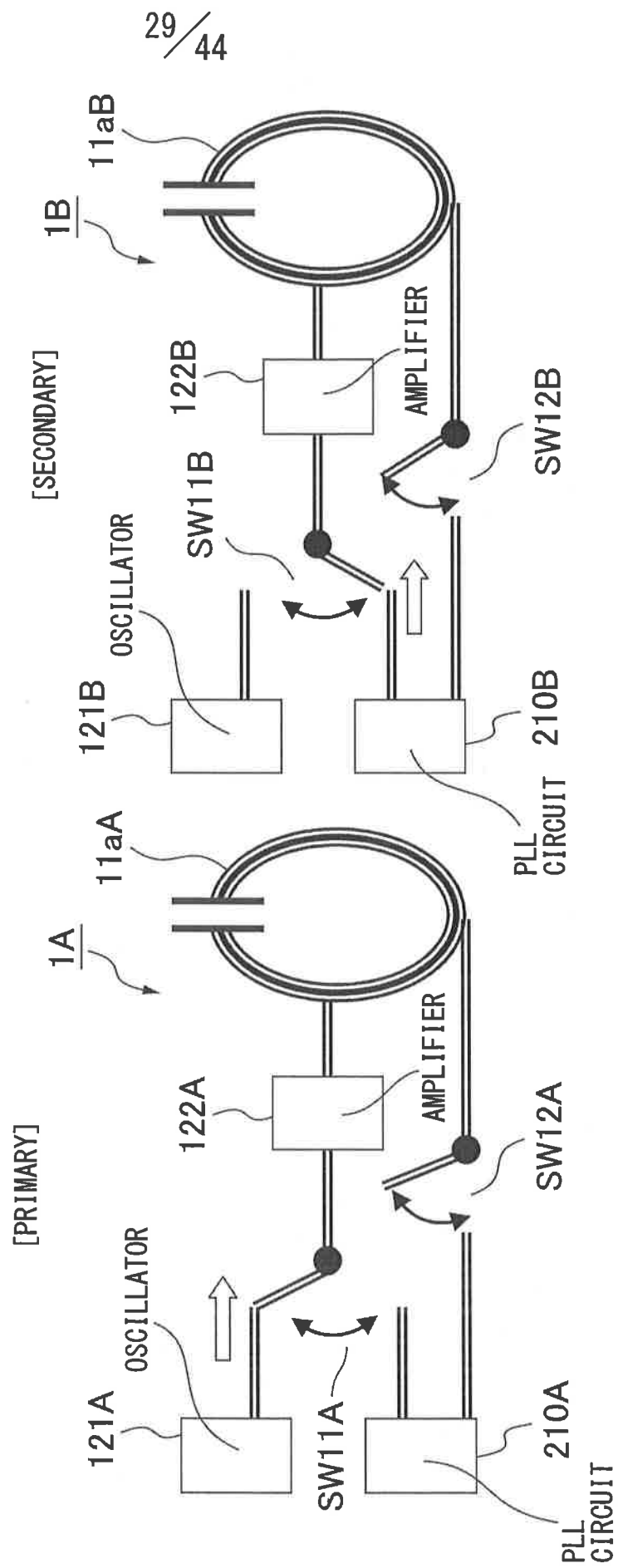


FIG. 14A

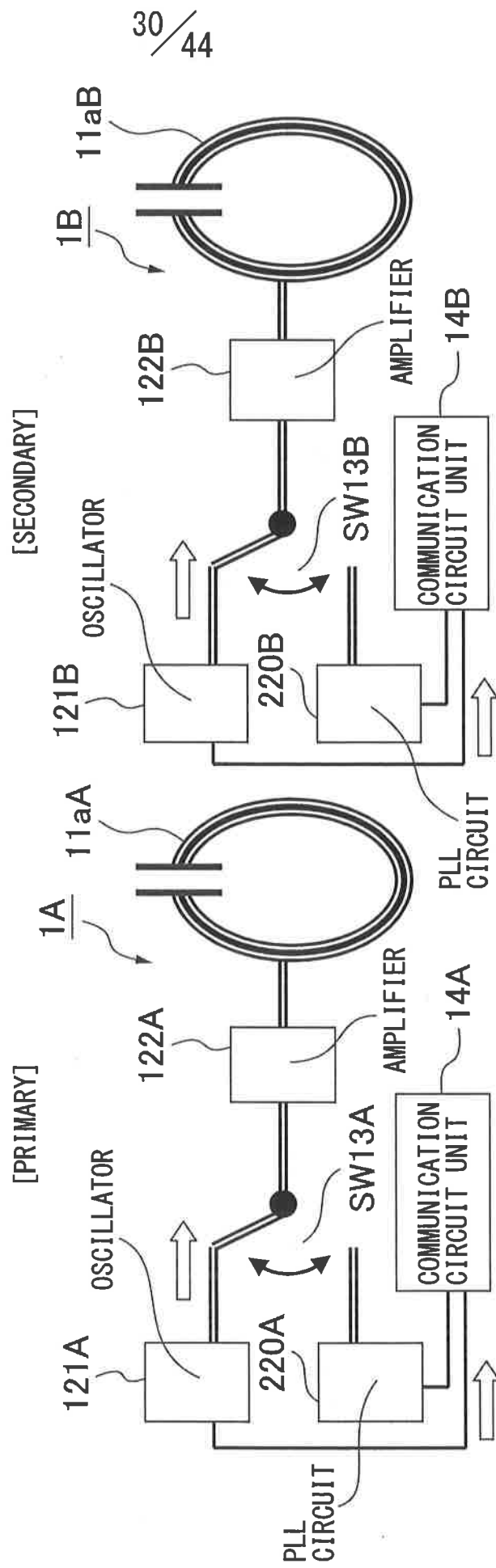


FIG. 14B

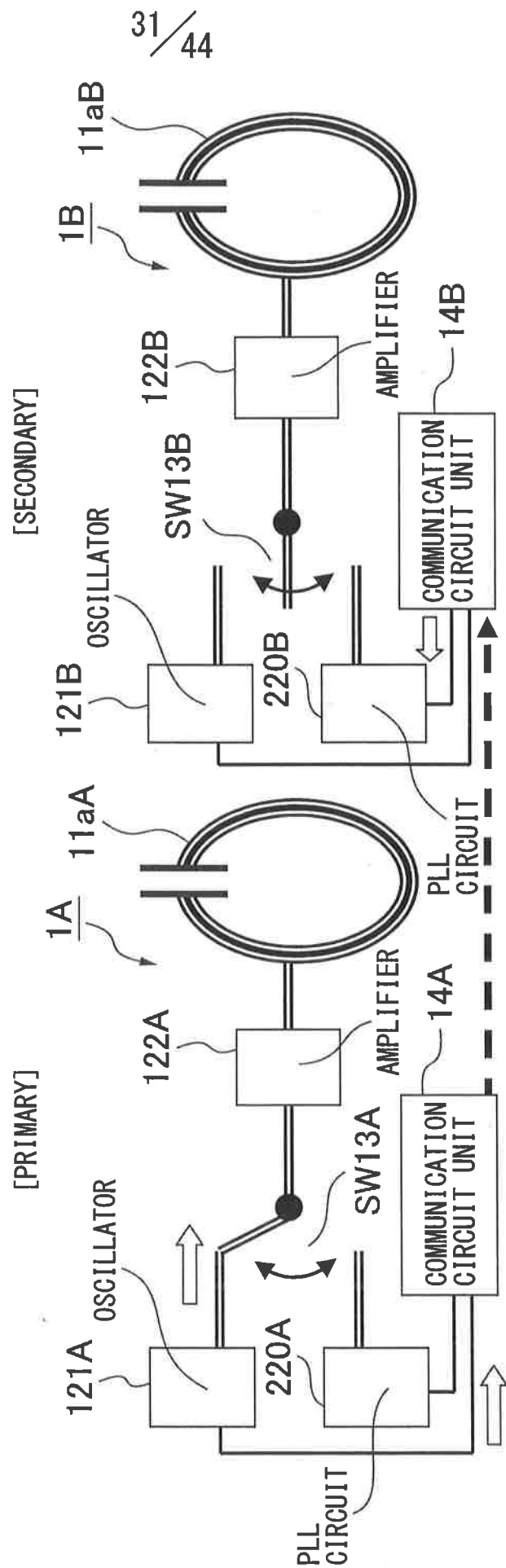


FIG. 14C

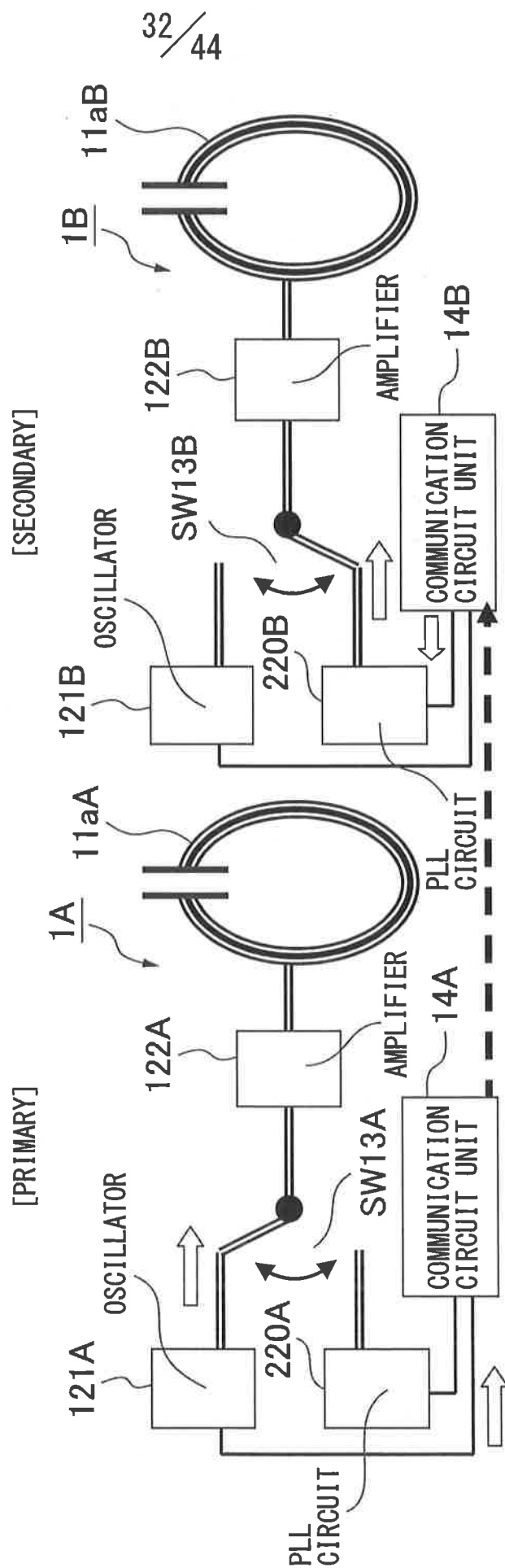


FIG. 15A

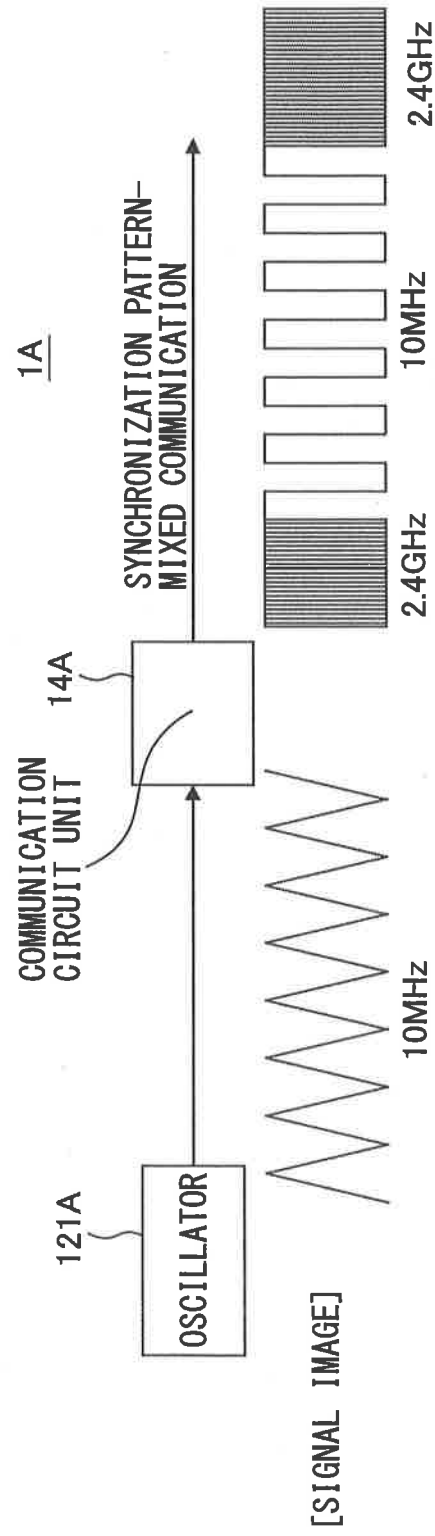


FIG. 15B

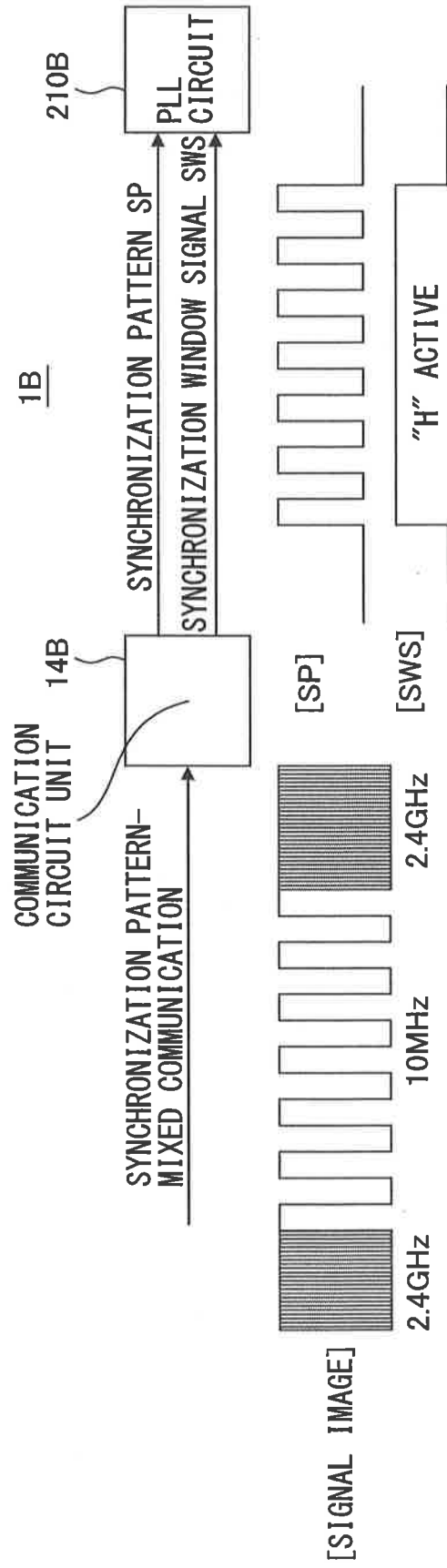


FIG. 15C

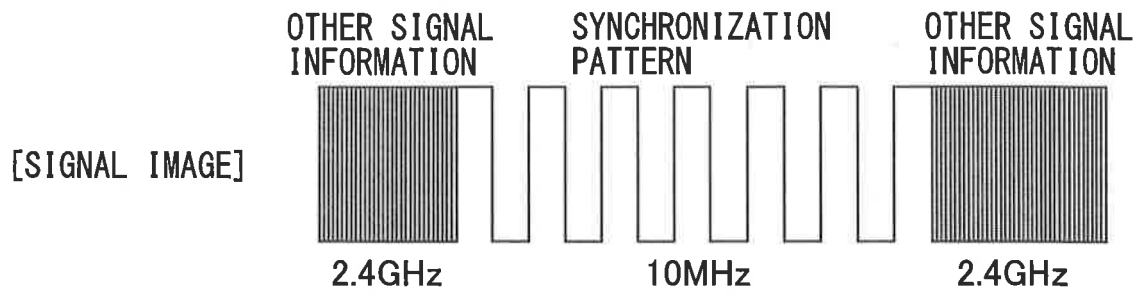


FIG. 15D

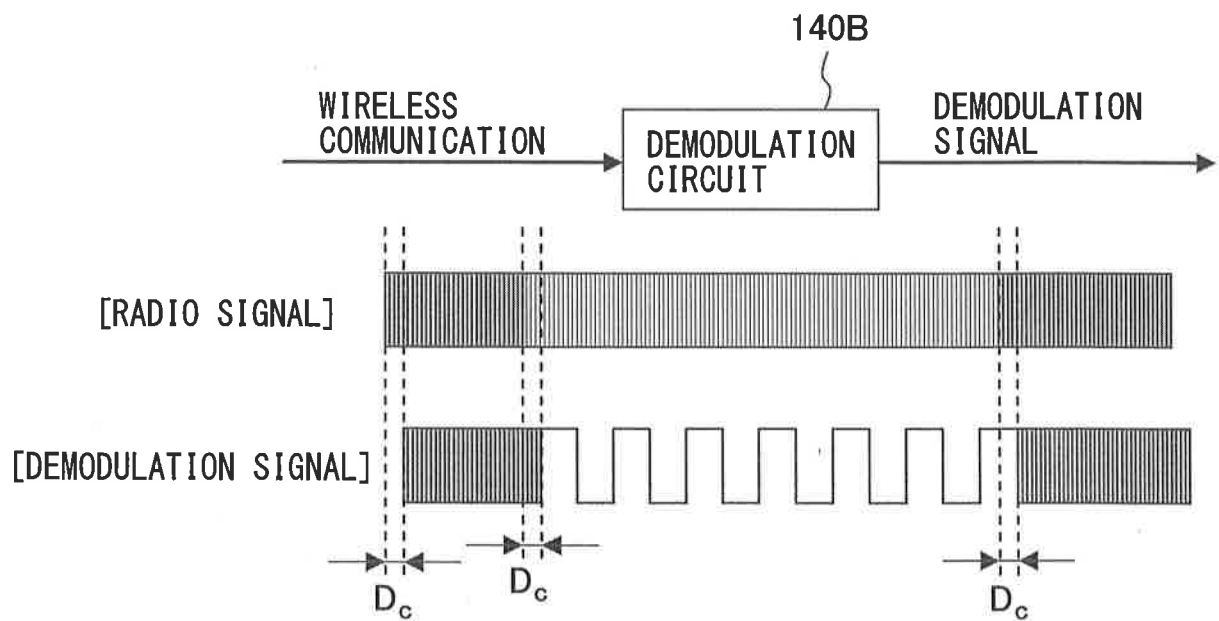
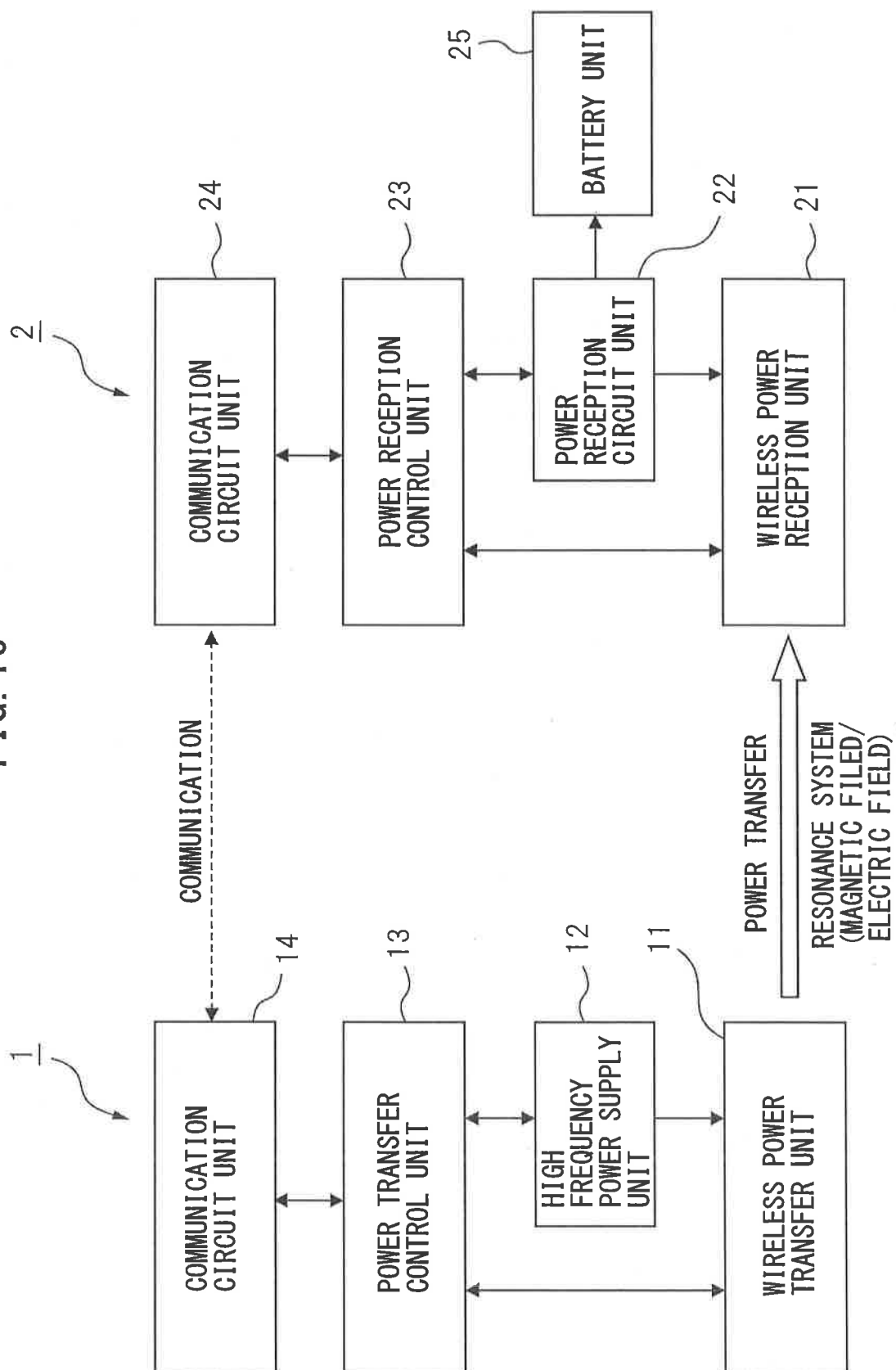


FIG. 16



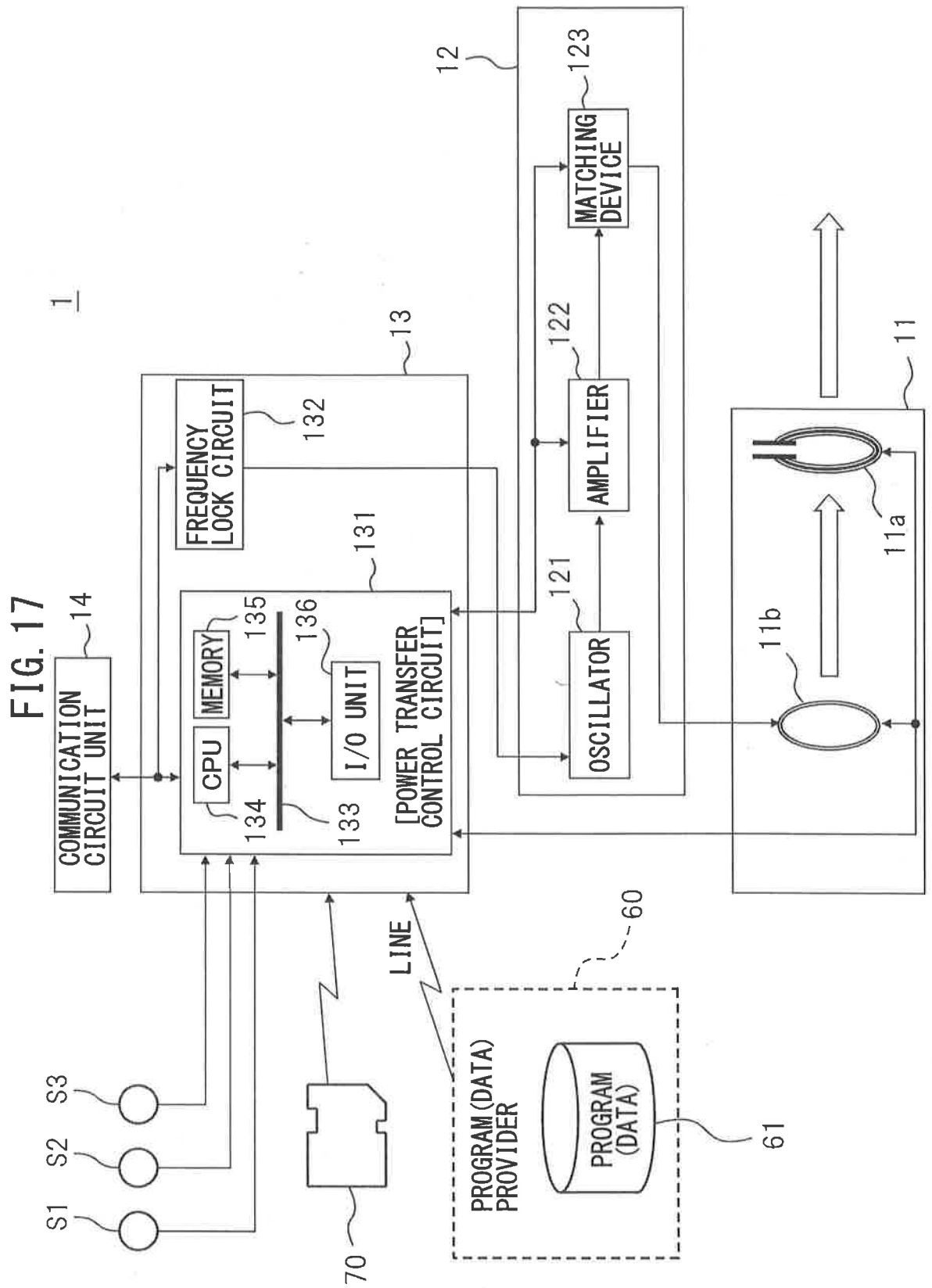


FIG. 18

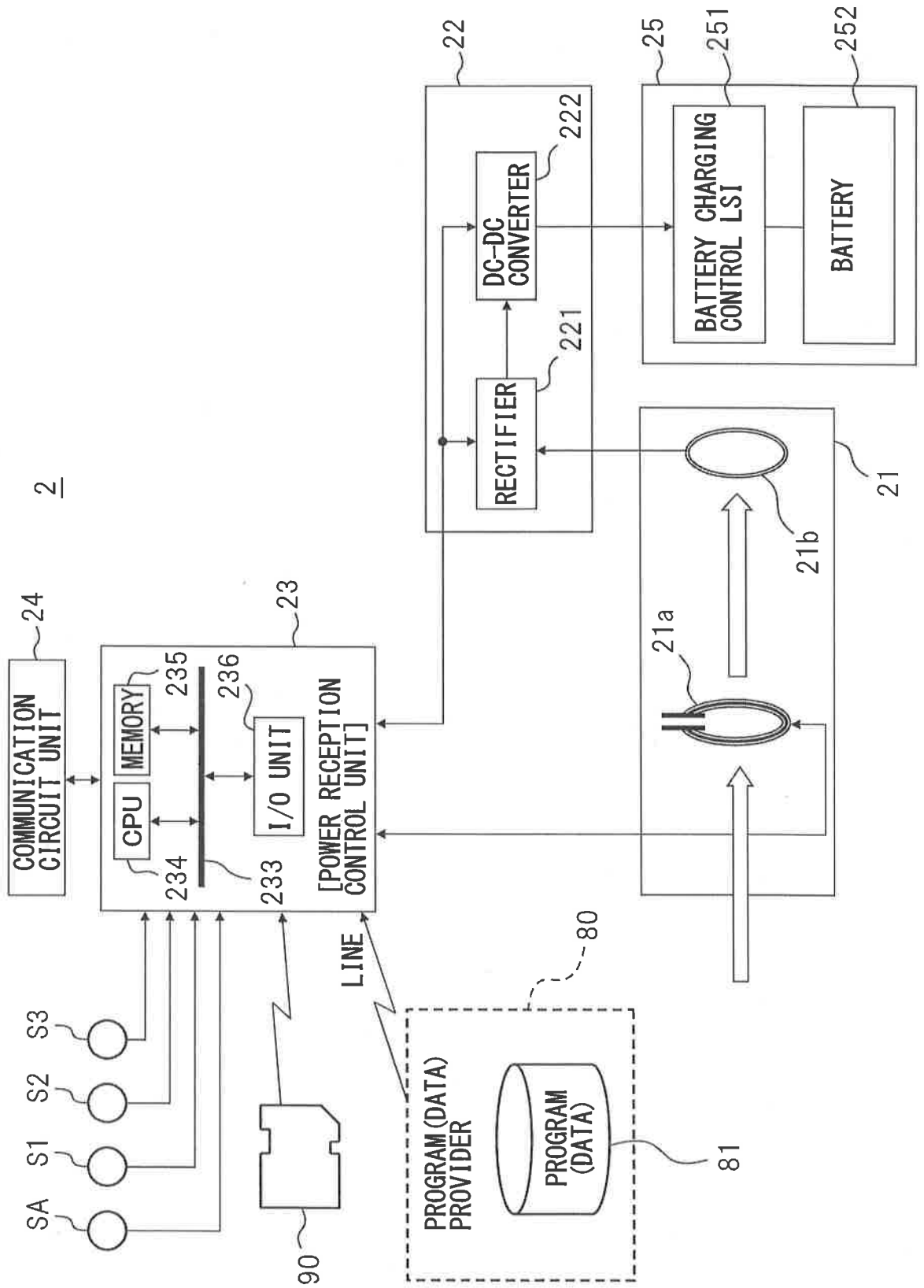


FIG. 19

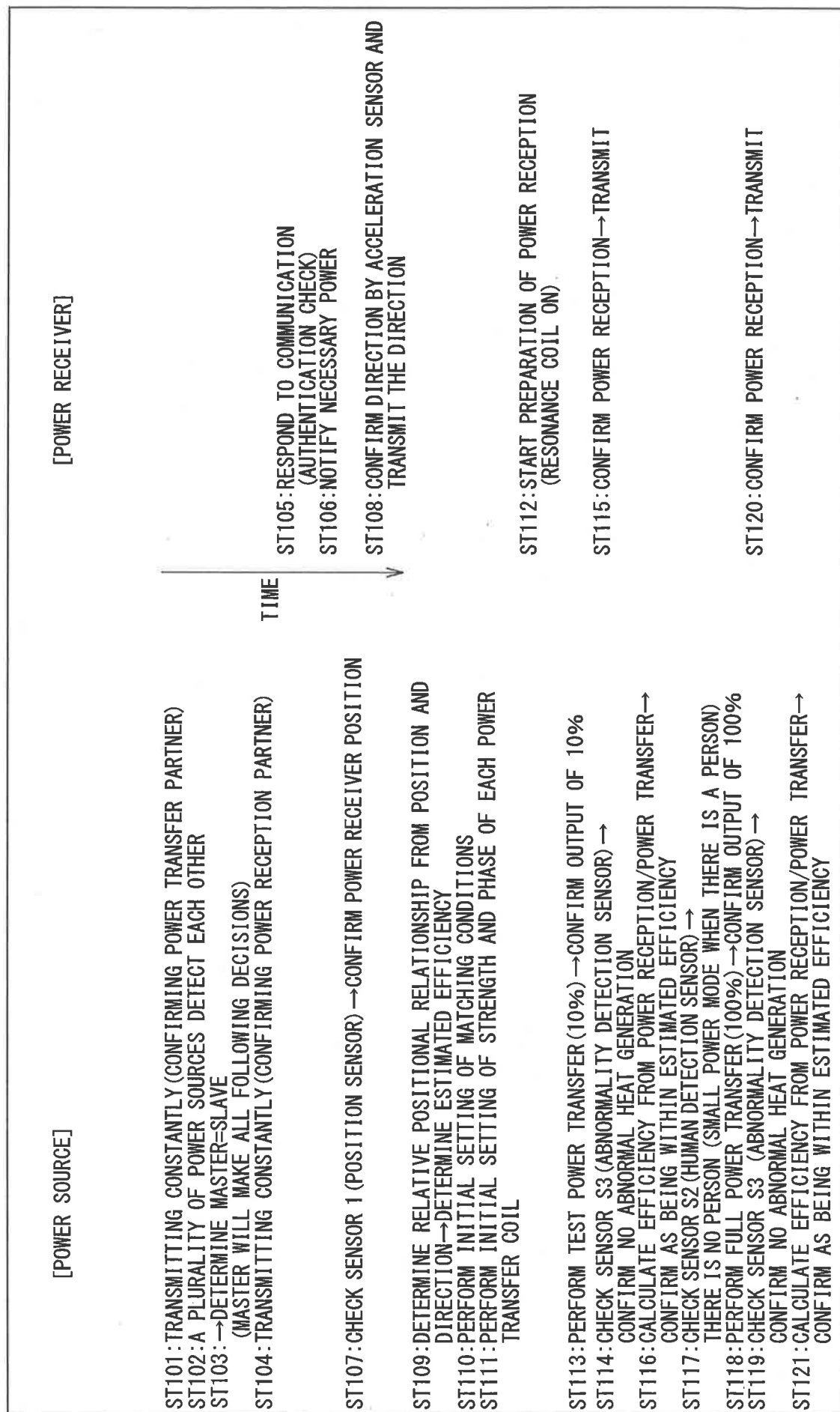


FIG. 20

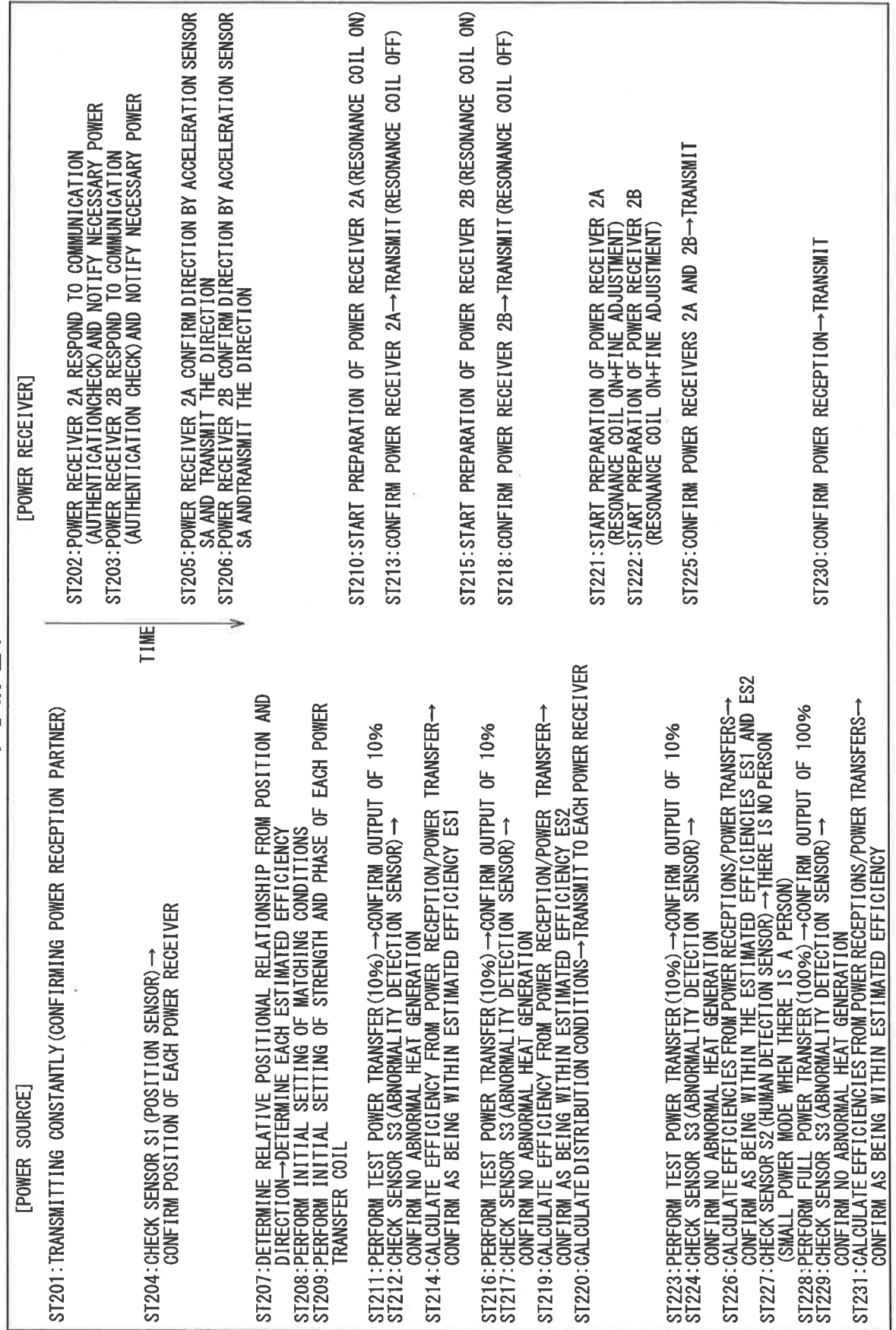


FIG. 21

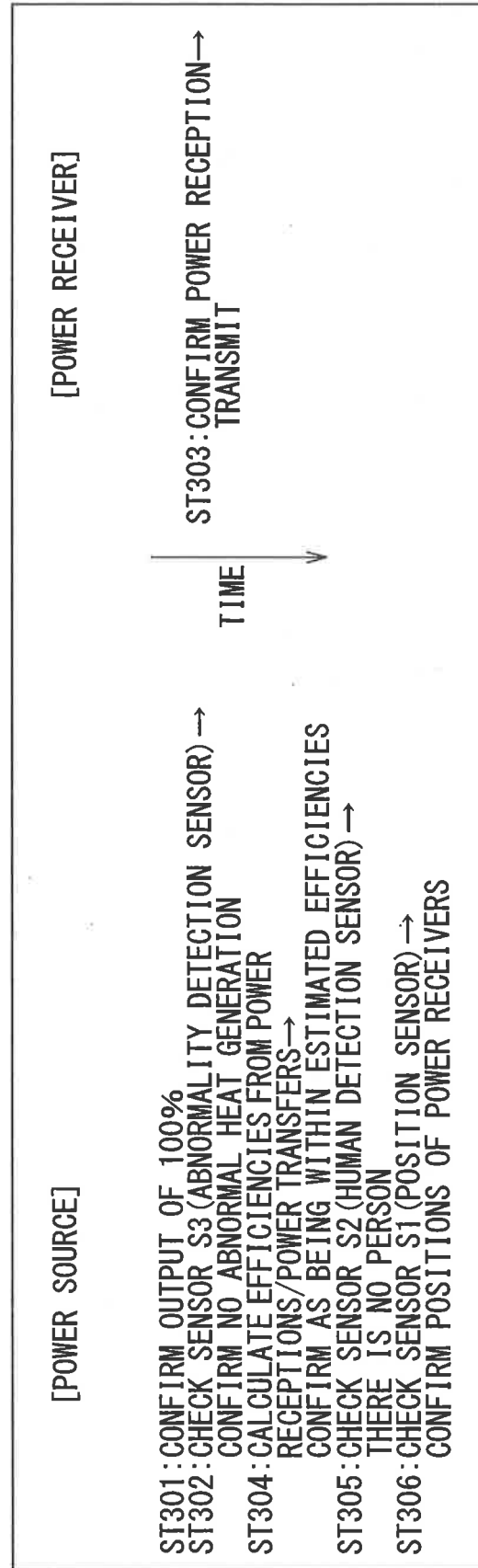


FIG. 22

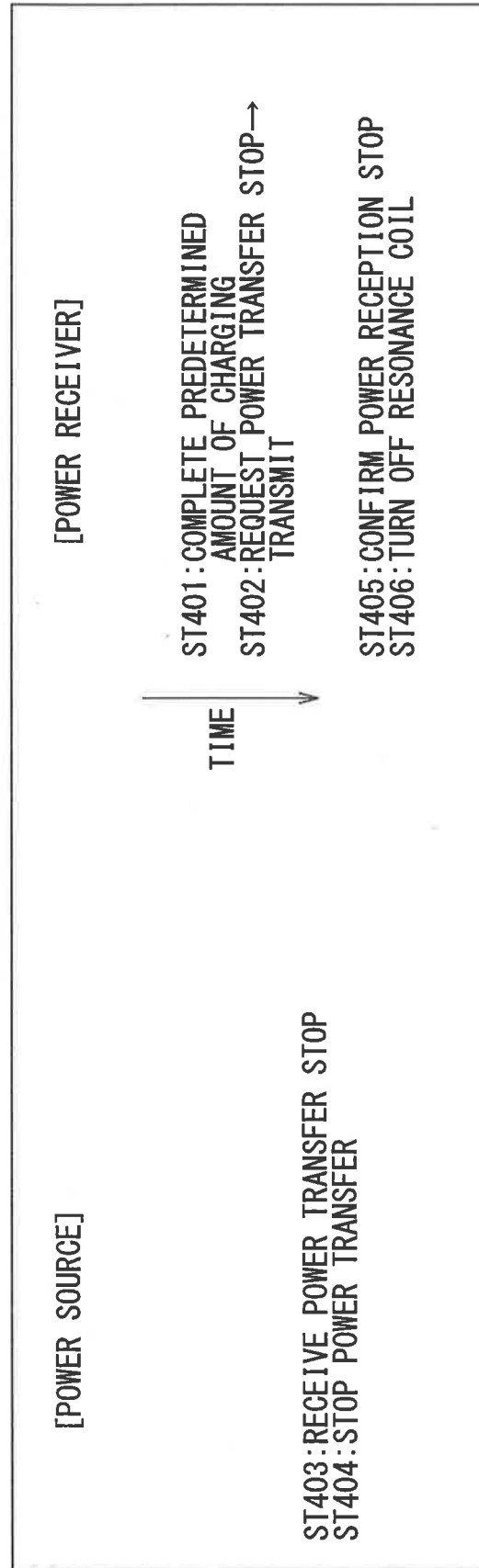


FIG. 23

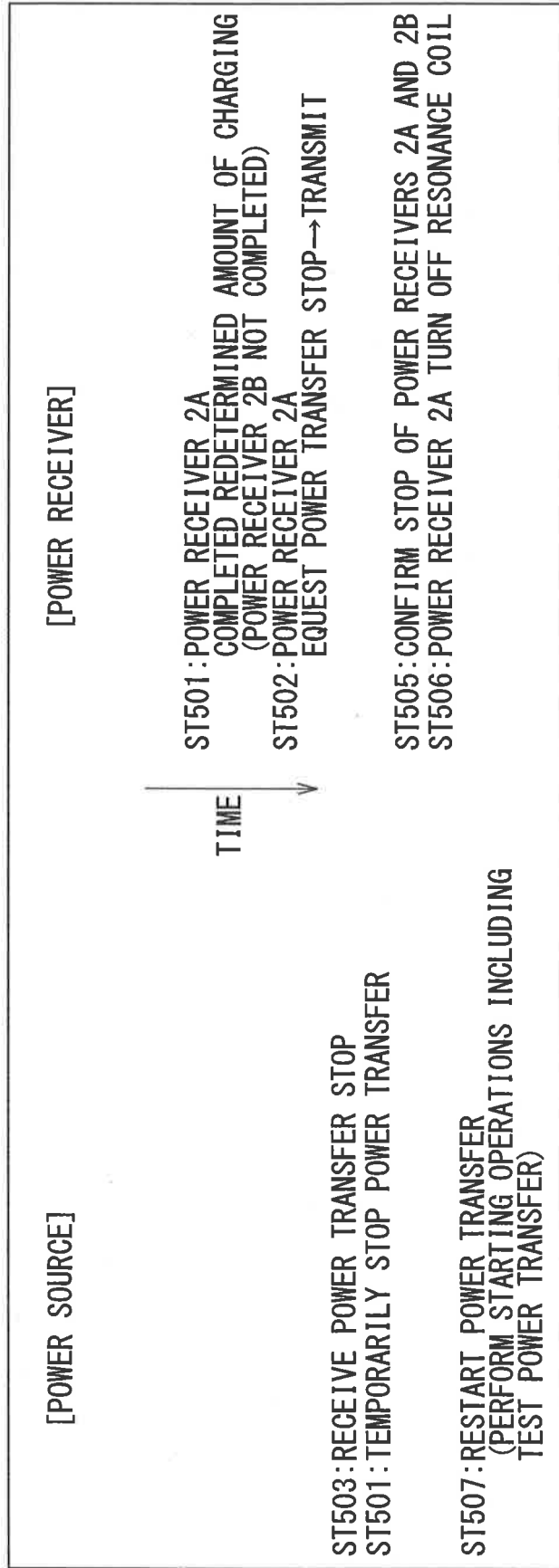


FIG. 24

