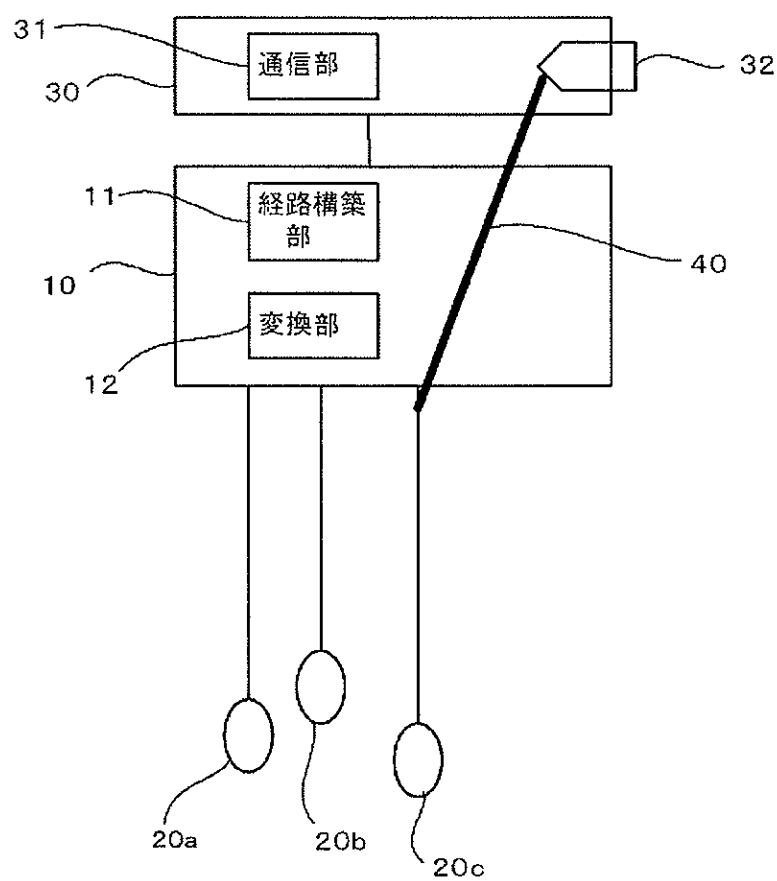
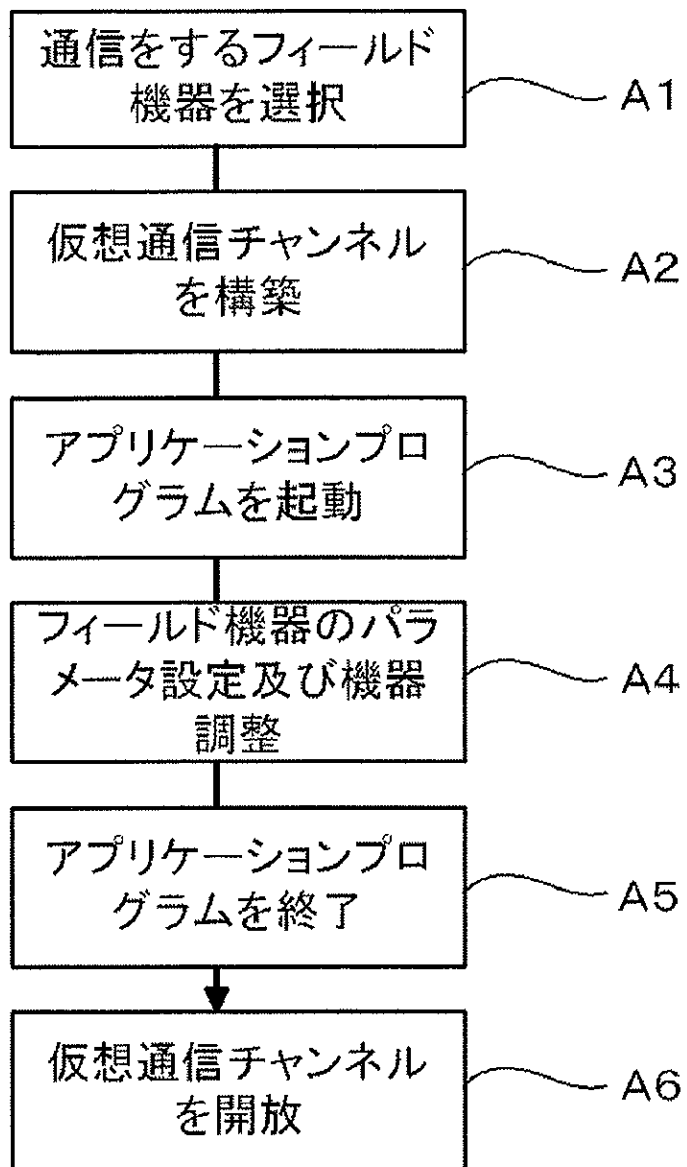


Fig. 1

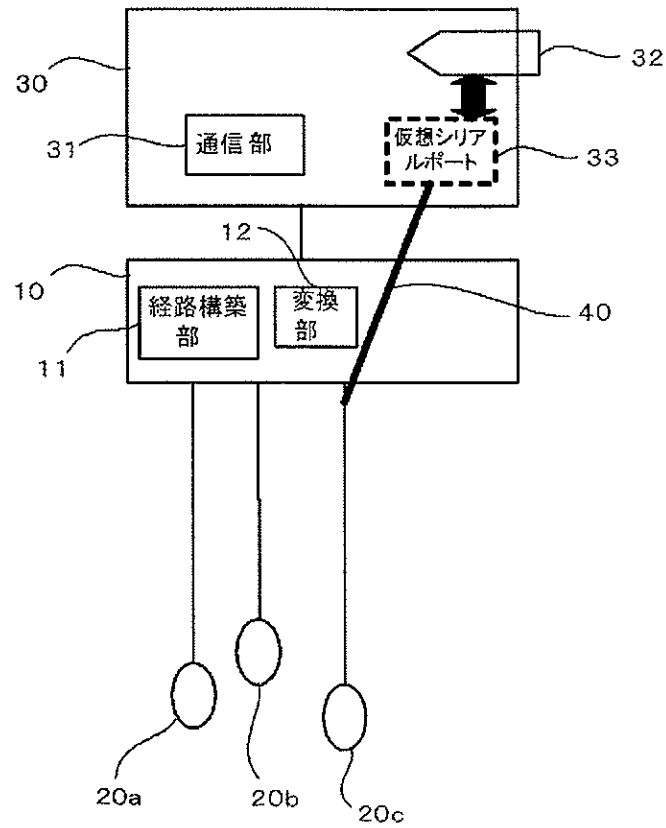


【図2】

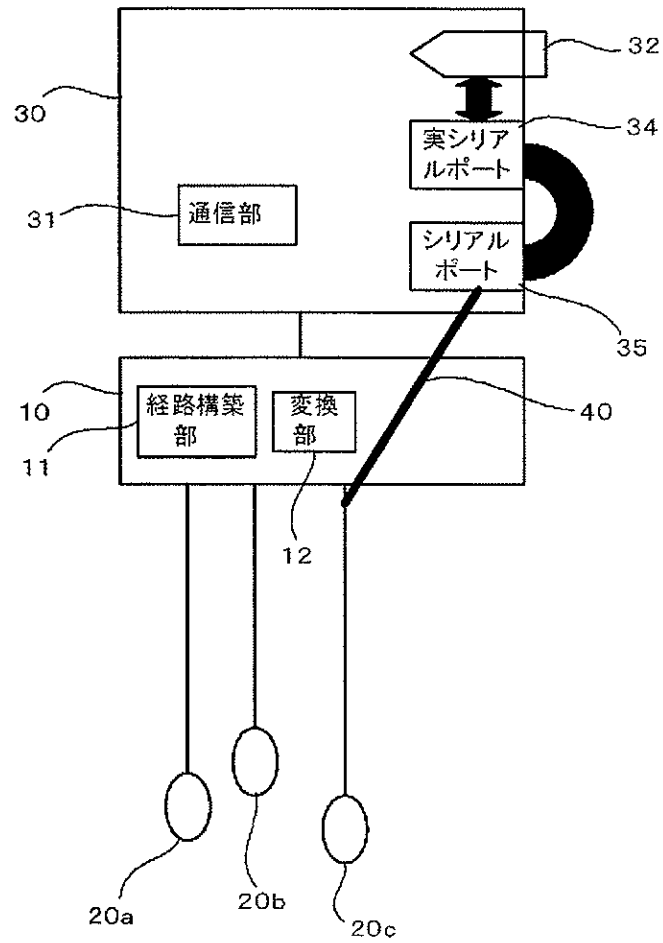
Fig. 2



~~【図3】~~ Fig. 3

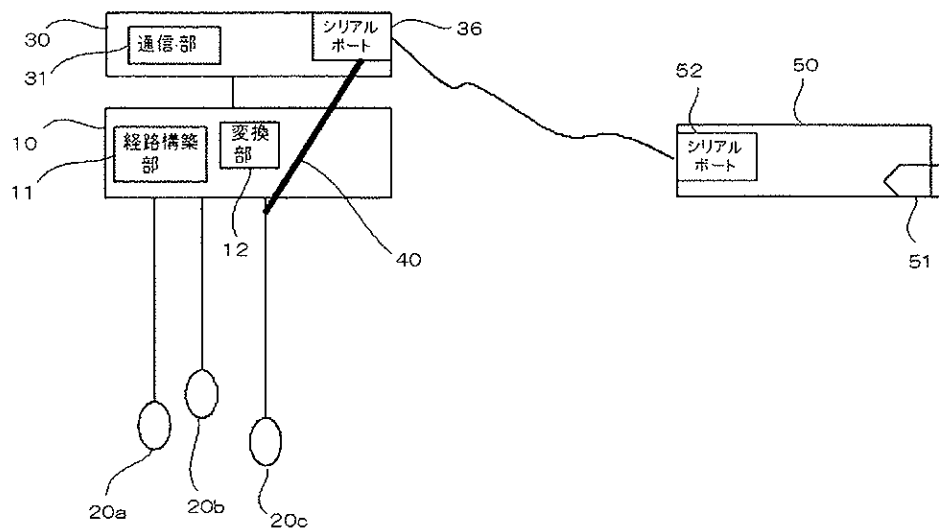


【図4】 Fig. 4

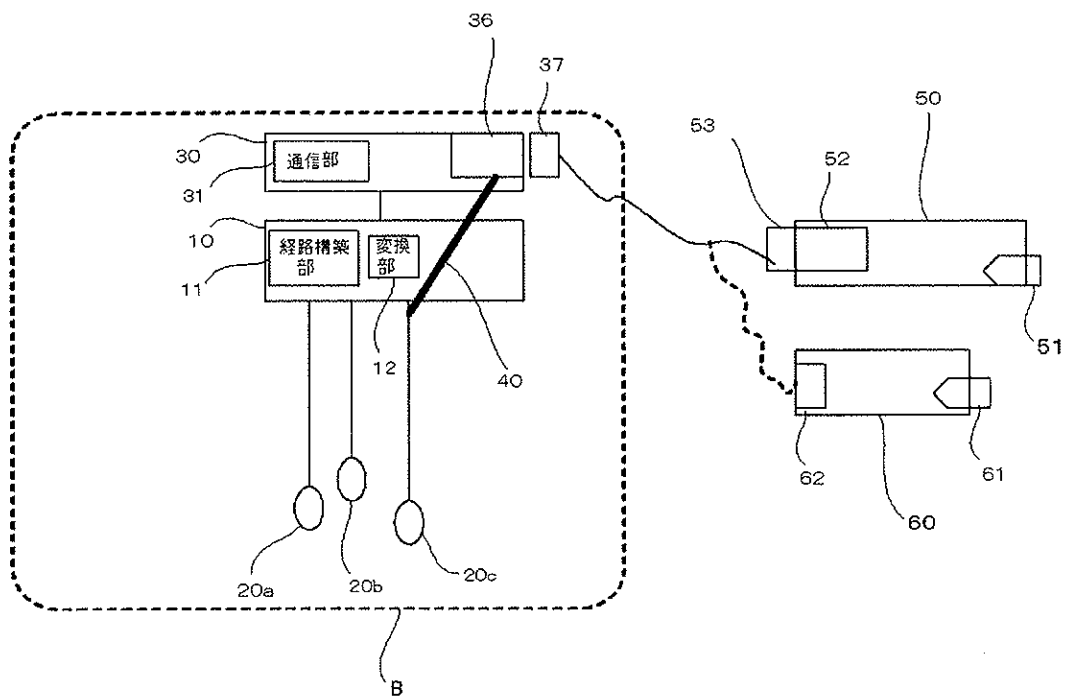


【図5】

Fig. 5

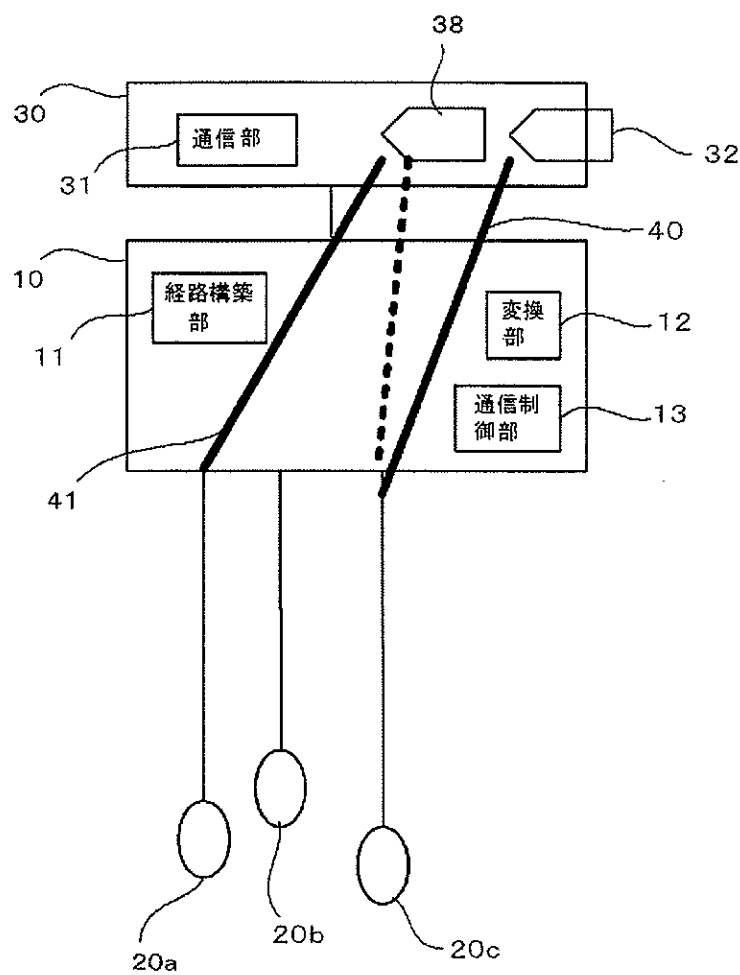


~~【図6】~~ Fig. 6

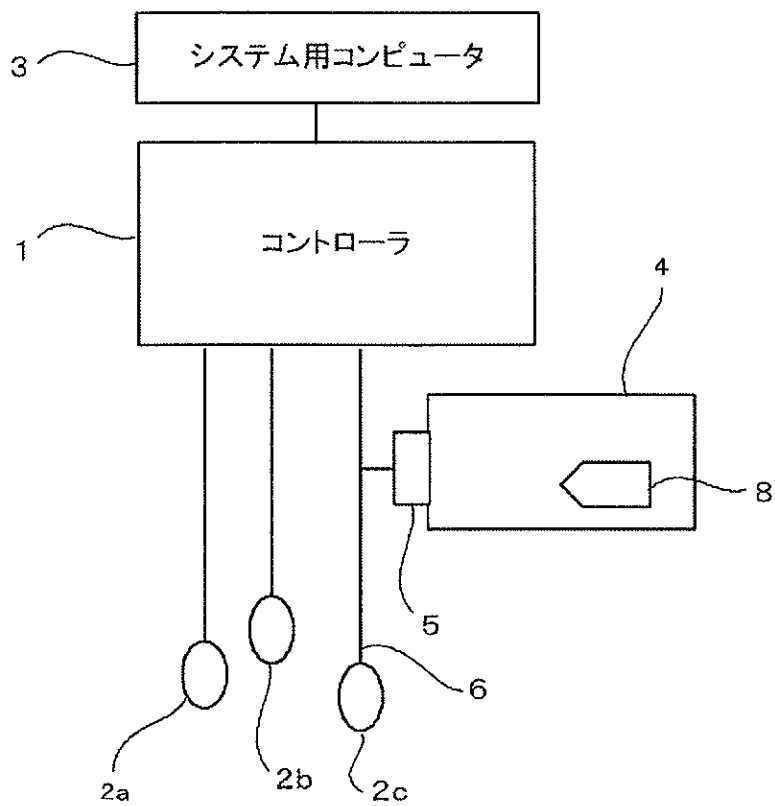


【図7】

Fig. 7



~~【図8】~~ Fig. 8



【図9】

Fig. 9

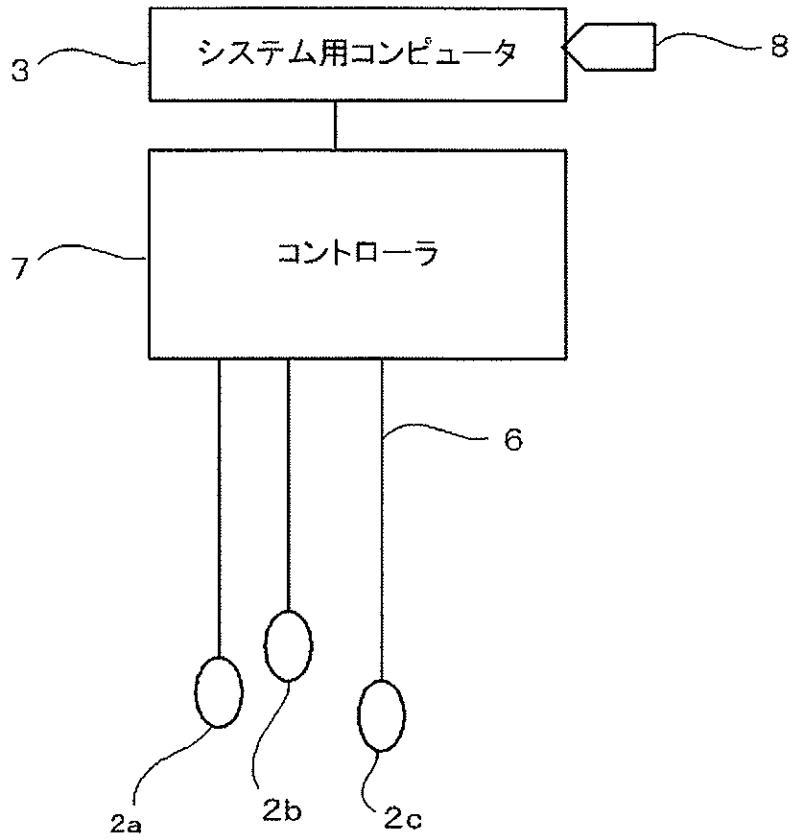


FIG. 1

31 COMMUNICATION SECTION

11 PATH ESTABLISHING SECTION

12 CONVERTING SECTION

5

FIG. 2

A1 SELECT FIELD DEVICE FOR COMMUNICATION

A2 ESTABLISH VIRTUAL COMMUNICATION CHANNEL

A3 ACTIVATE APPLICATION PROGRAM

10 A4 SET PARAMETER OF FIELD DEVICE, AND ADJUST DEVICE

A5 COMPLETE APPLICATION PROGRAM

A6 FREE VIRTUAL COMMUNICATION CHANNEL

FIG. 3

15 33 VIRTUAL SERIAL PORT

31 COMMUNICATION SECTION

11 PATH ESTABLISHING SECTION

12 CONVERTING SECTION

20 FIG. 4

34 REAL SERIAL PORT

35 SERIAL PORT

31 COMMUNICATION SECTION

11 PATH ESTABLISHING SECTION

25 12 CONVERTING SECTION

FIG. 5

36 SERIAL PORT

52 SERIAL PORT

5 31 COMMUNICATION SECTION

11 PATH ESTABLISHING SECTION

12 CONVERTING SECTION

FIG. 6

10 31 COMMUNICATION SECTION

11 PATH ESTABLISHING SECTION

12 CONVERTING SECTION

FIG. 7

15 13 COMMUNICATION CONTROL SECTION

31 COMMUNICATION SECTION

11 PATH ESTABLISHING SECTION

12 CONVERTING SECTION

20 FIG. 8

3 SYSTEM COMPUTER

1 CONTROLLER

FIG. 9

25 3 SYSTEM COMPUTER

1 CONTROLLER