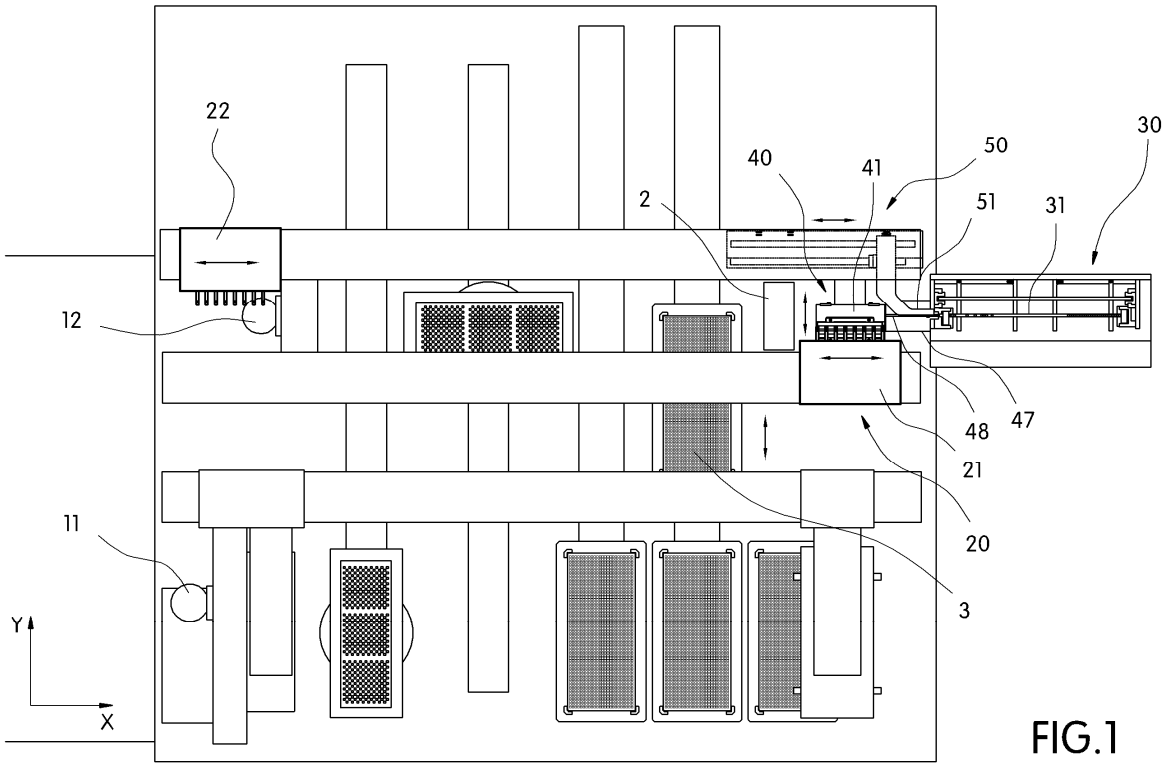


FIG.1

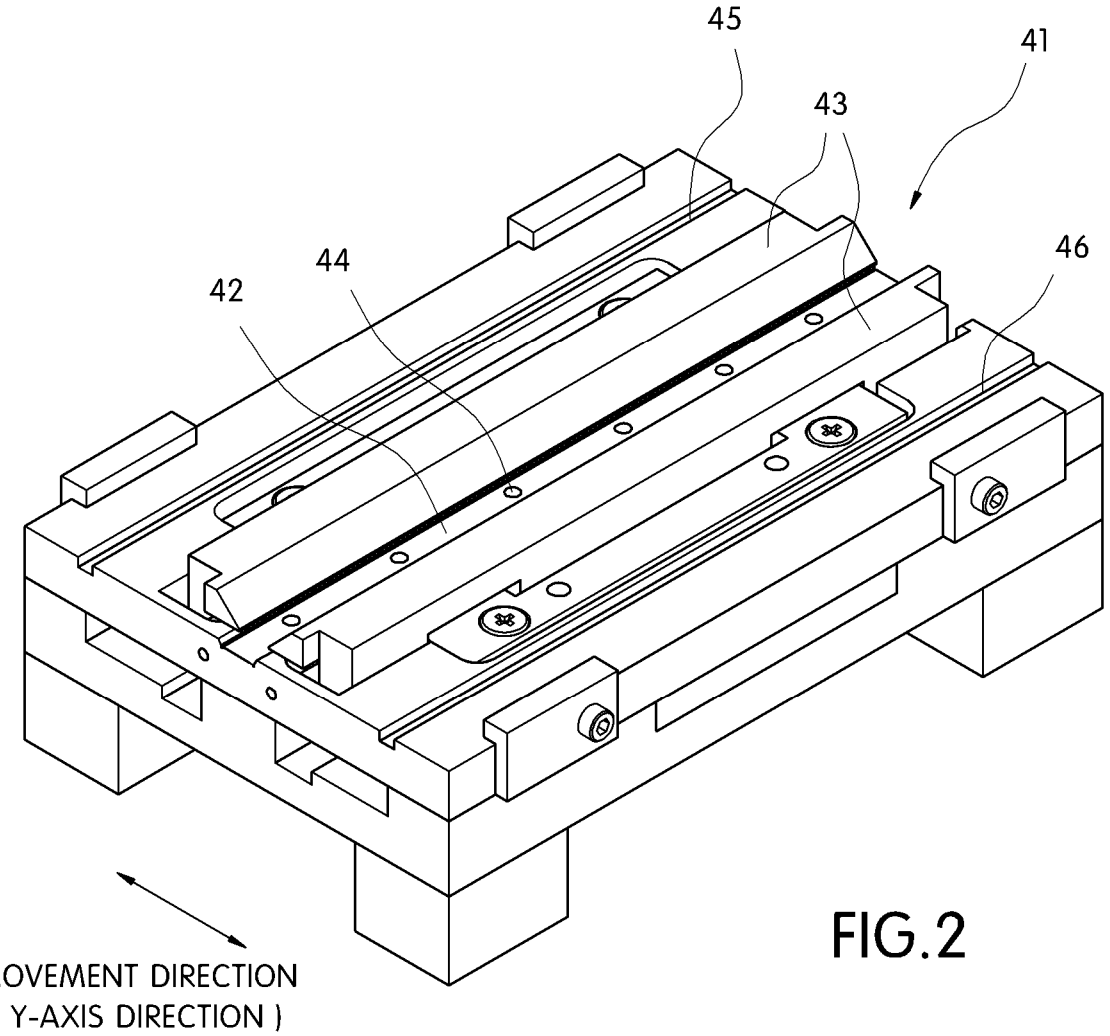


FIG.2

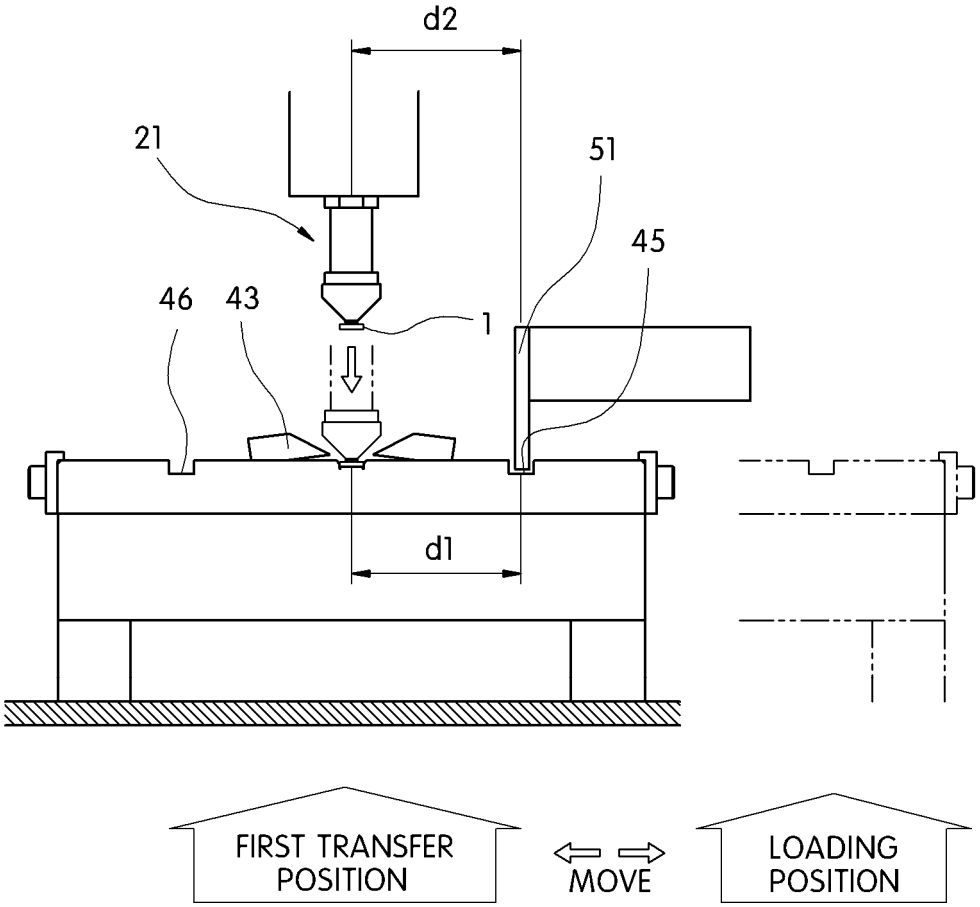

d2
21
51
45
46
43
1
d1
FIRST TRANSFER POSITION
MOVE
LOADING POSITION

FIG.3

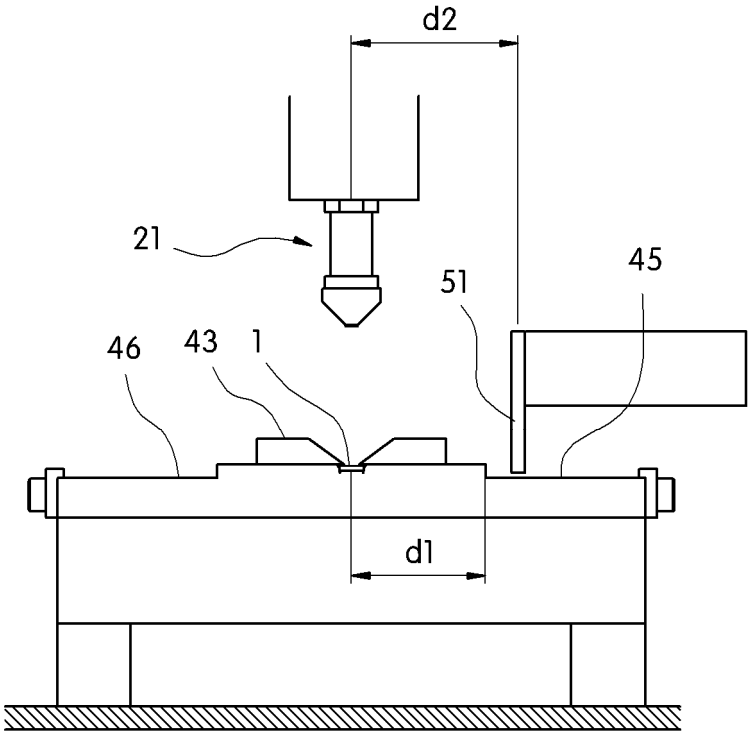


FIG.4

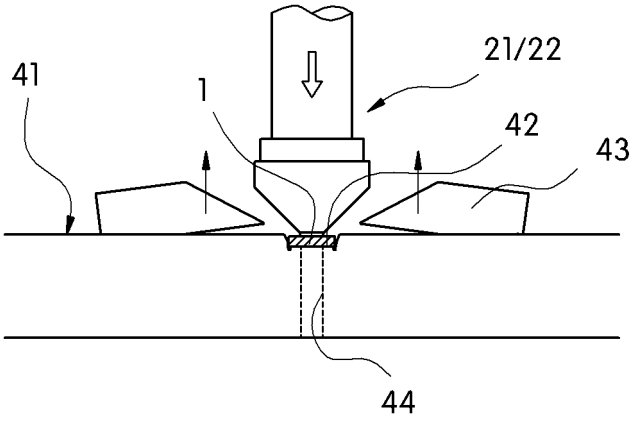


FIG.5a

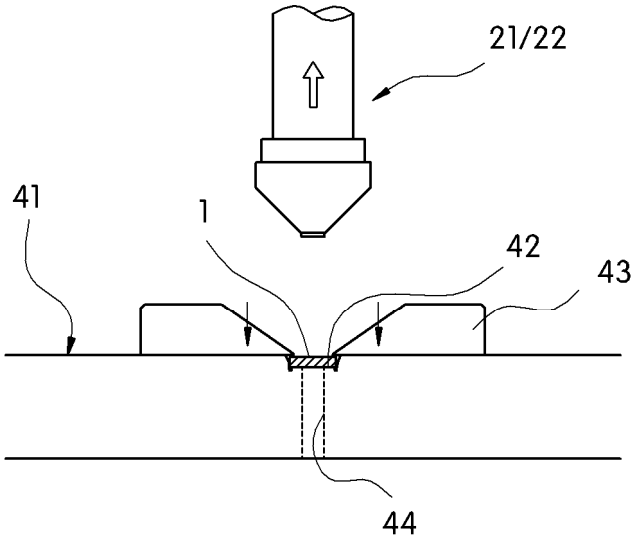
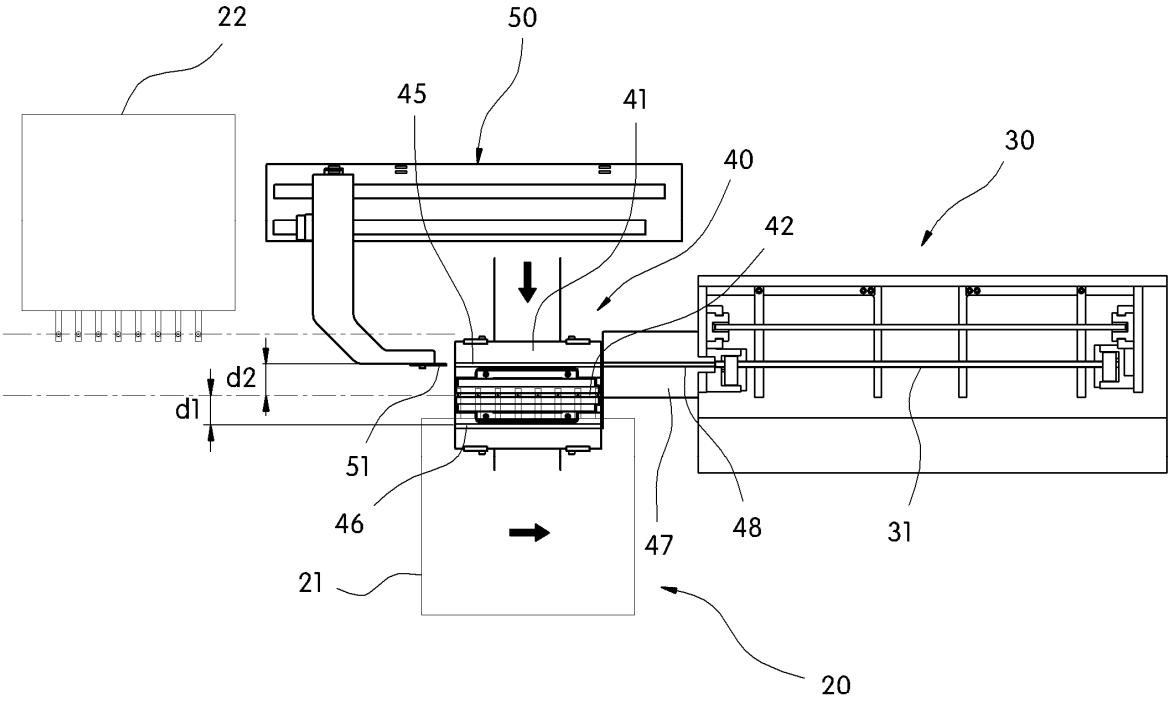


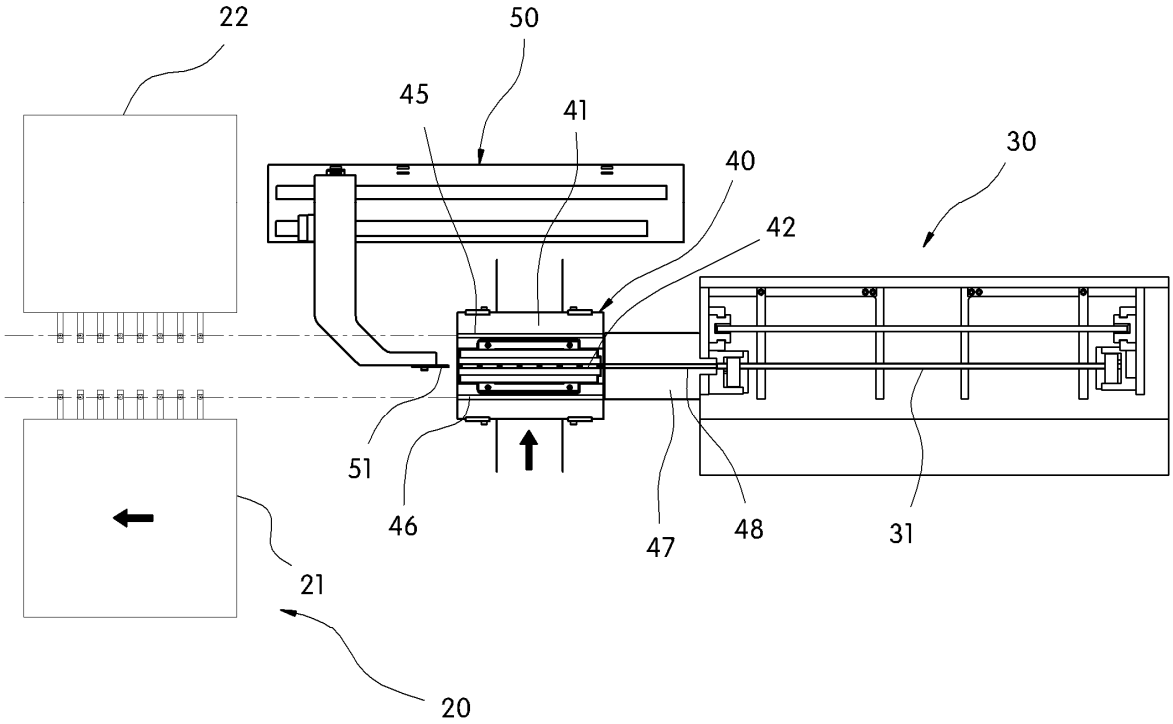
FIG.5b



1) TRANSFER BLOCK: MOVE FROM LOADING POSITION TO FIRST TRANSFER POSITION

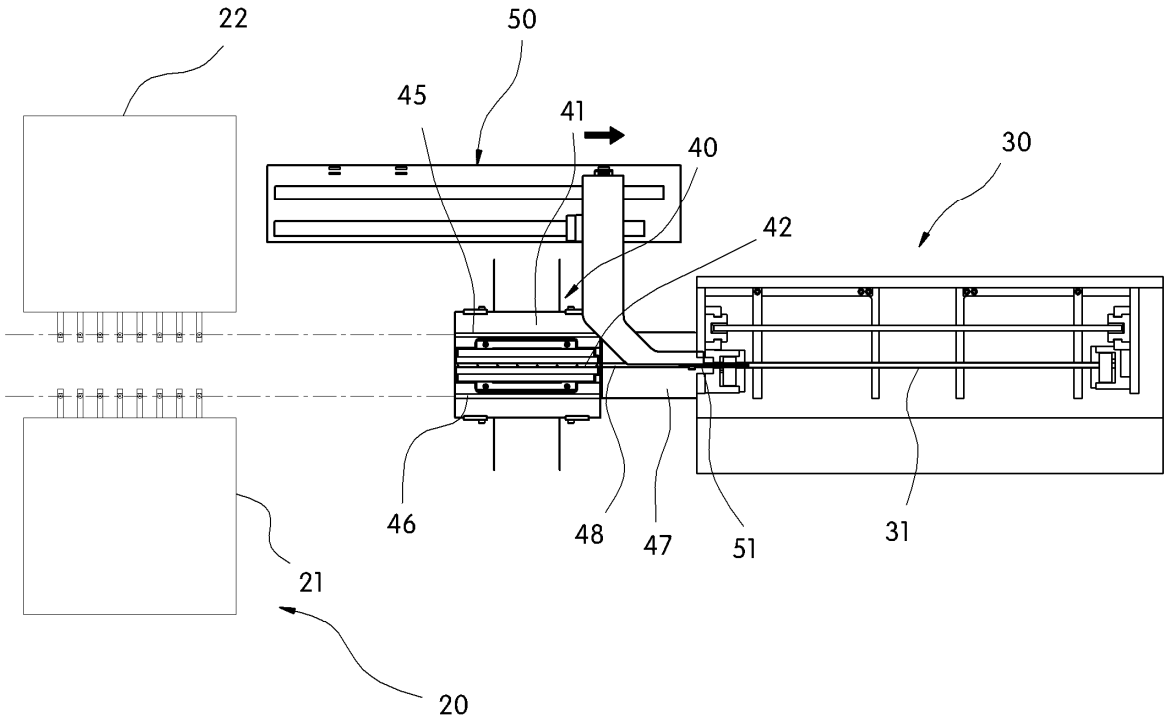
2) PUSHER: MOVE BACKWARD AND RETURN USING FIRST RETURN SPACE
FIRST TRANSFER PICKER: SEAT PACKAGE

FIG.6a



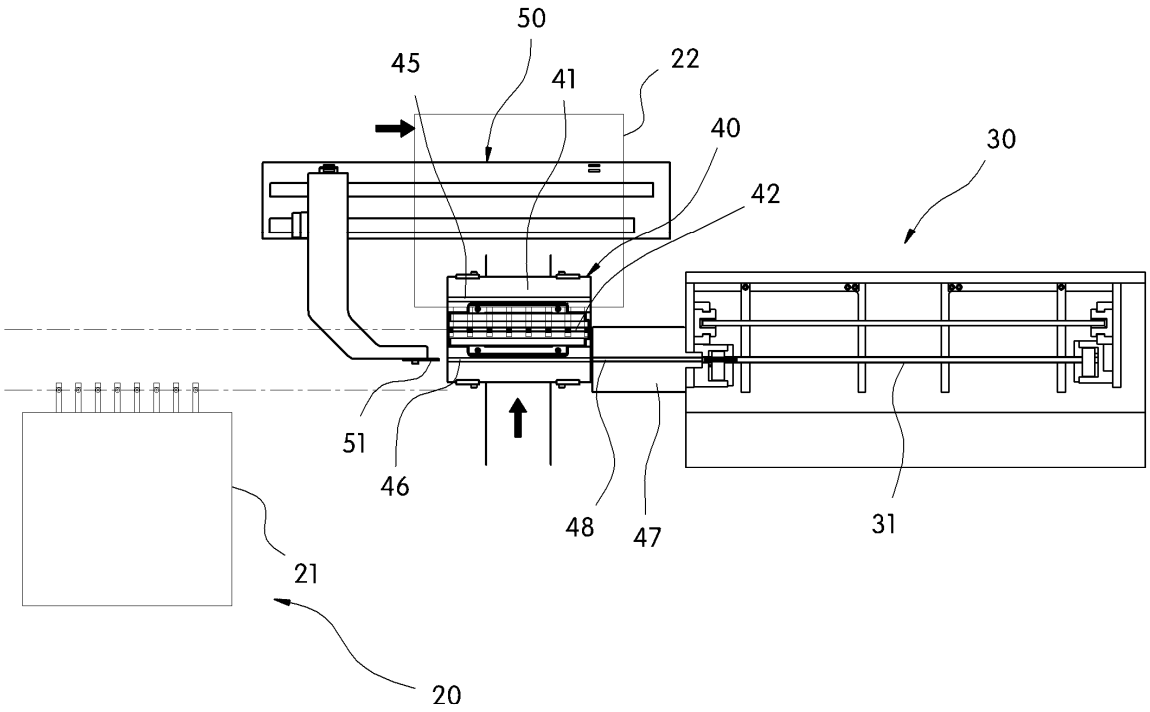
3) TRANSFER BLOCK: MOVE FROM FIRST TRANSFER POSITION TO LOADING POSITION

FIG.6b



4), 8) PUSHER: MOVE FORWARD AND LOAD PACKAGE USING PACKAGE SEATING PART

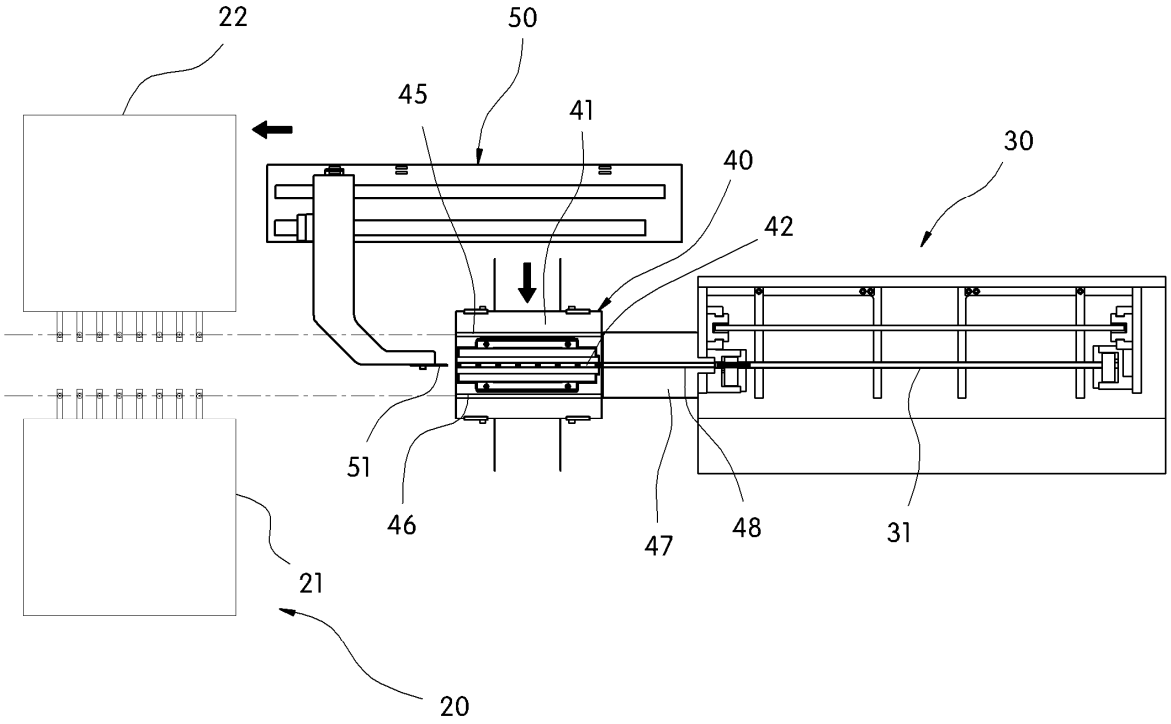
FIG.6c



5) TRANSFER BLOCK: MOVE FROM LOADING POSITION TO SECOND TRANSFER POSITION

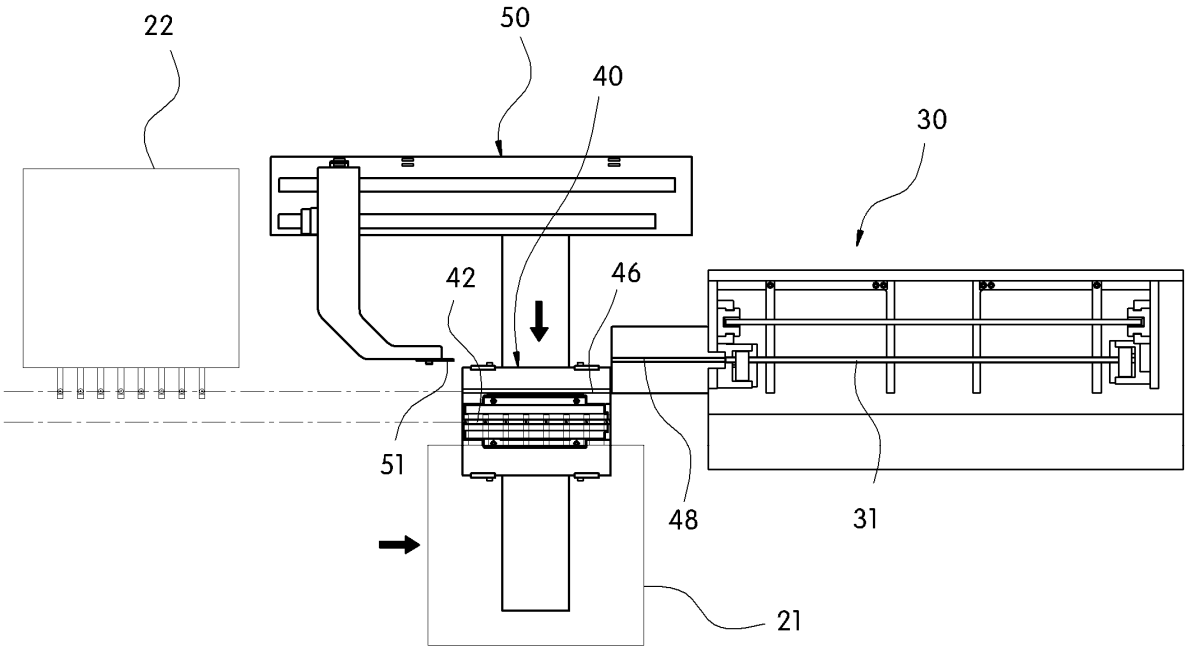
6) PUSHER: MOVE BACKWARD AND RETURN USING SECOND RETURN SPACE
SECOND TRANSFER PICKER: SEAT PACKAGE

FIG.6d



7) TRANSFER BLOCK: MOVE FROM SECOND TRANSFER POSITION TO LOADING POSITION

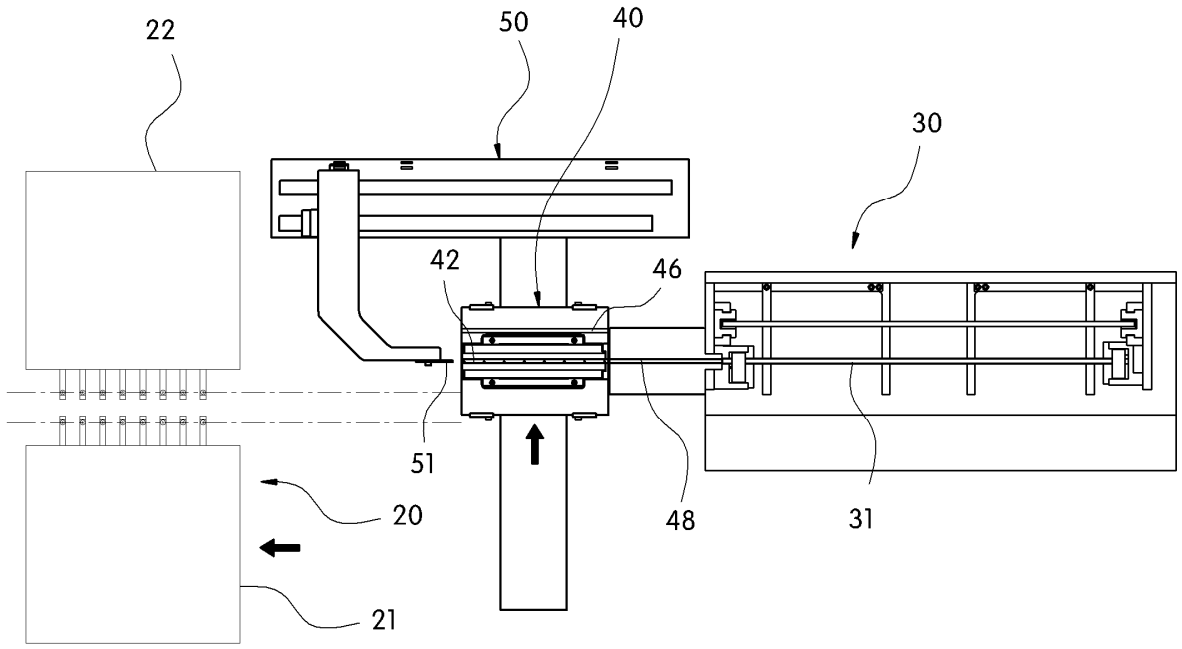
FIG.6e



1) TRANSFER BLOCK: MOVE FROM LOADING POSITION TO FIRST TRANSFER POSITION

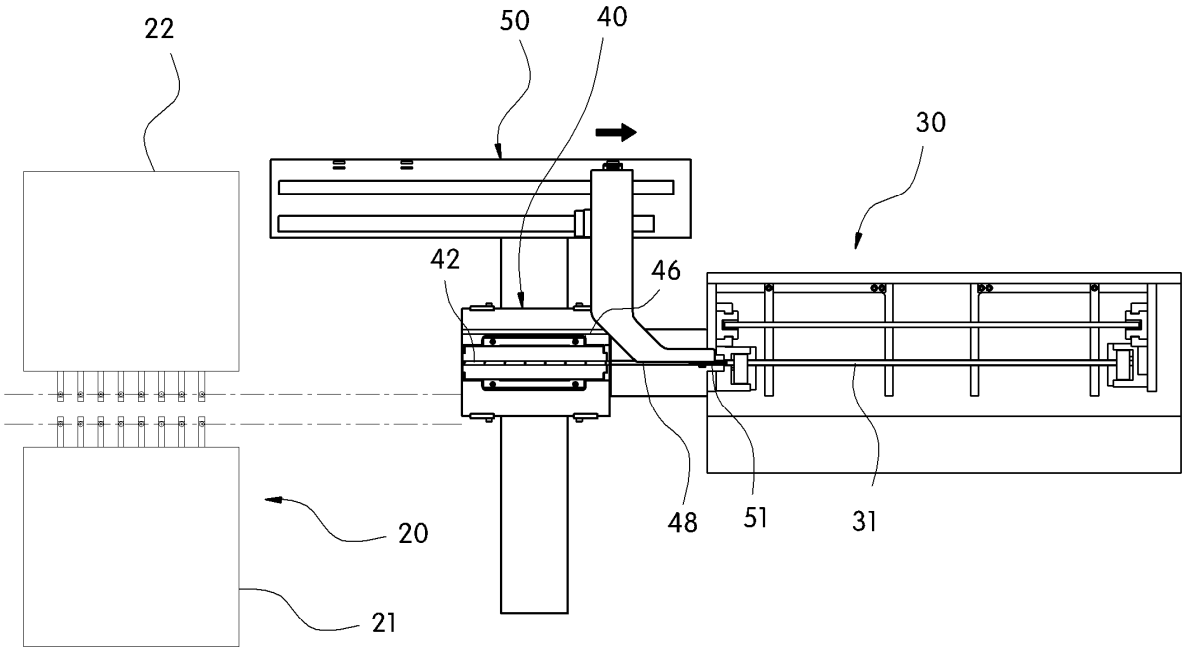
2) PUSHER: MOVE BACKWARD AND RETURN USING LATERAL SPACE OF TRANSFER BLOCK
FIRST TRANSFER PICKER: SEAT PACKAGE

FIG.7a



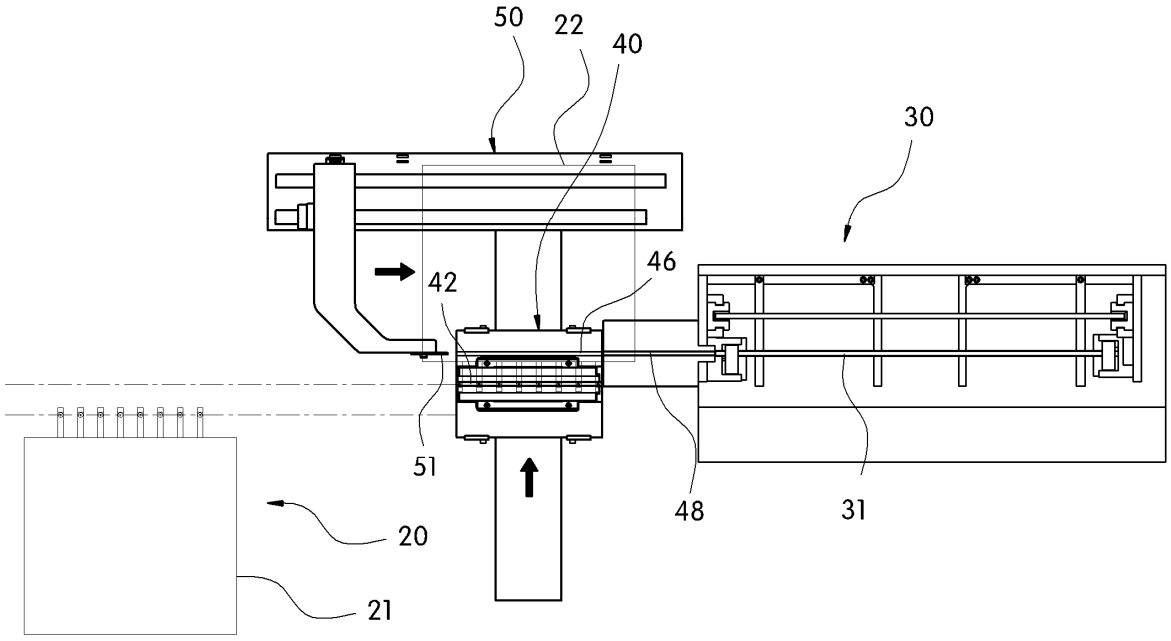
3) TRANSFER BLOCK: MOVE FROM FIRST TRANSFER POSITION TO LOADING POSITION

FIG.7b



4), 8) PUSHER: MOVE FORWARD AND LOAD PACKAGE USING PACKAGE SEATING PART

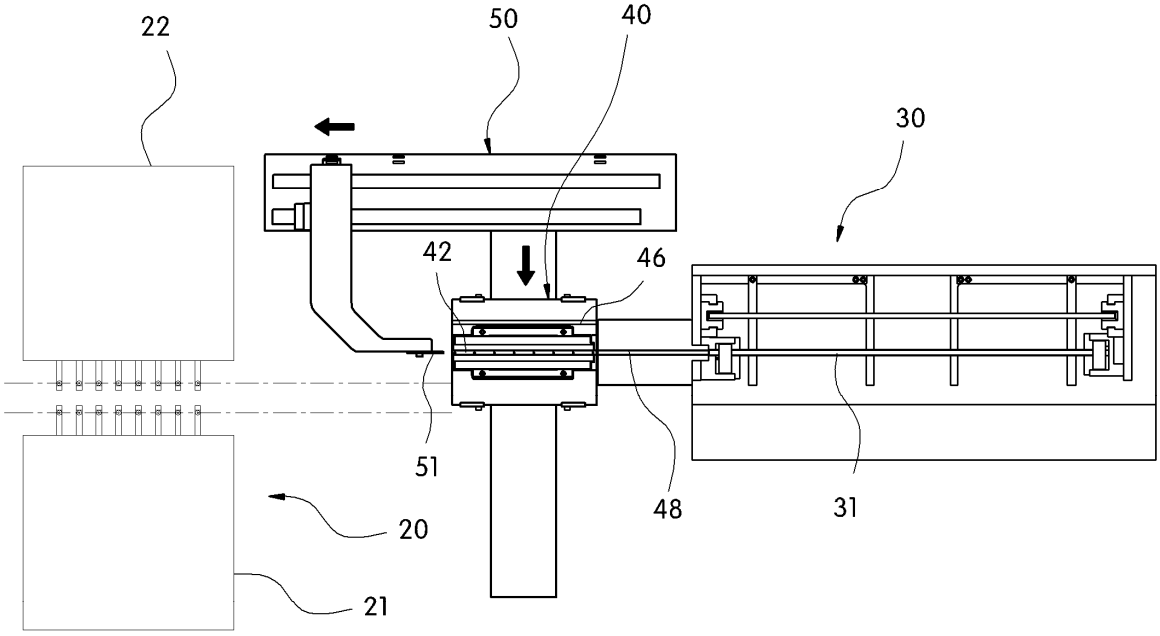
FIG.7c



5) TRANSFER BLOCK: MOVE FROM LOADING POSITION TO SECOND TRANSFER POSITION

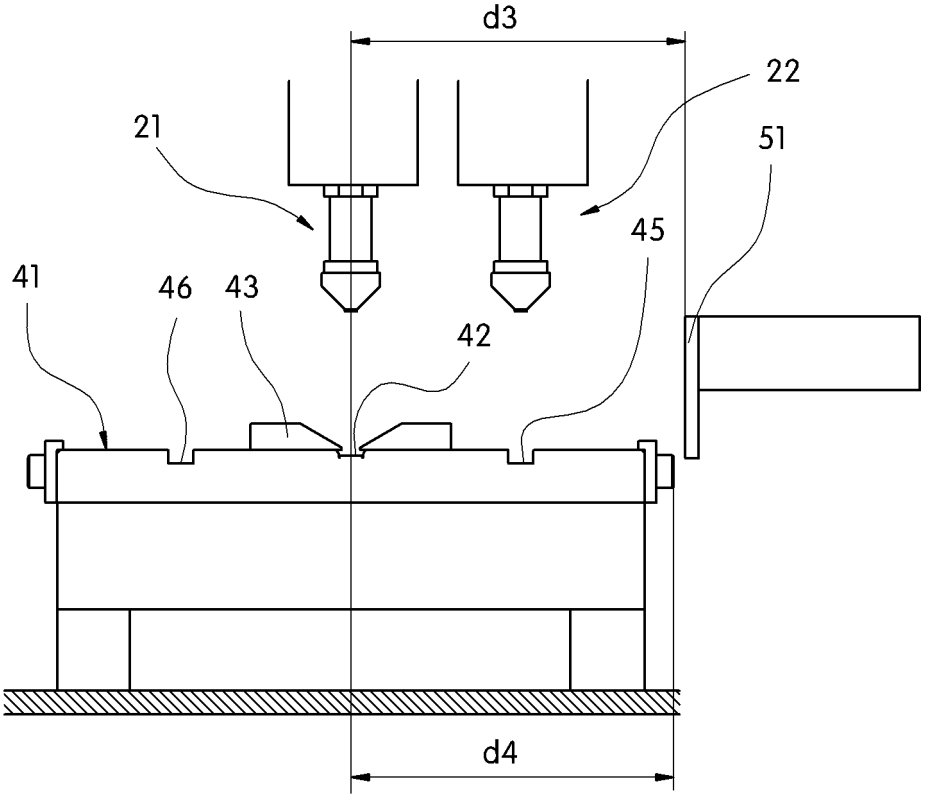
6) PUSHER: MOVE BACKWARD AND RETURN USING RETURN SPACE
SECOND TRANSFER PICKER: SEAT PACKAGE

FIG.7d



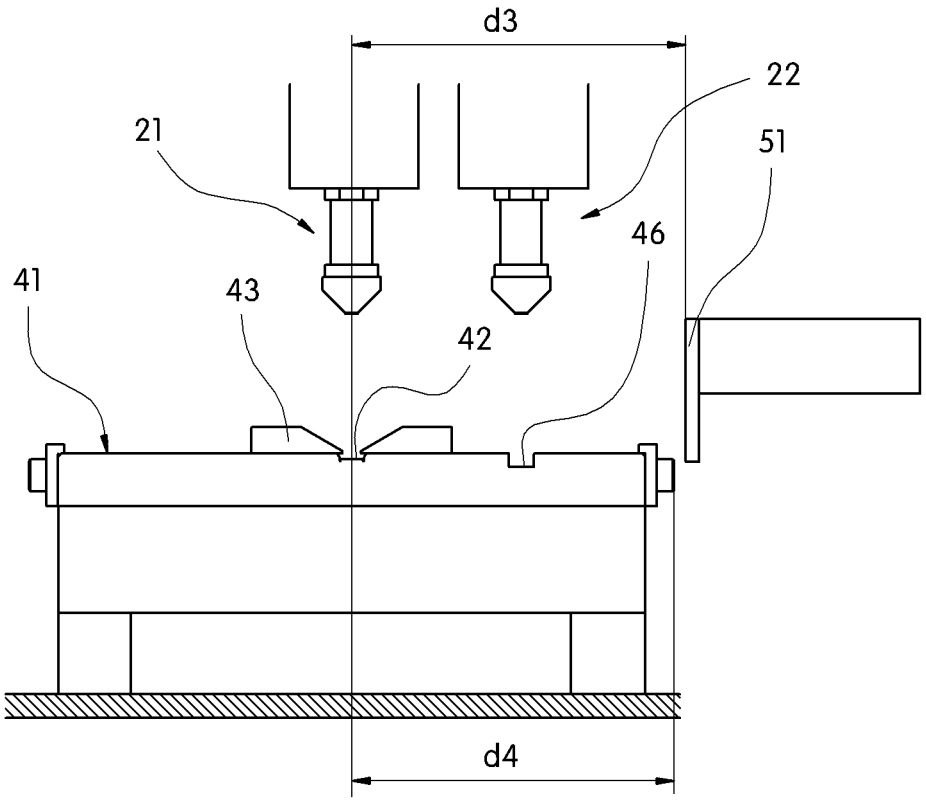
7) TRANSFER BLOCK: MOVE FROM SECOND TRANSFER POSITION TO LOADING POSITION

FIG.7e



d3 > d4

FIG.8a



d3 > d4

FIG.8b