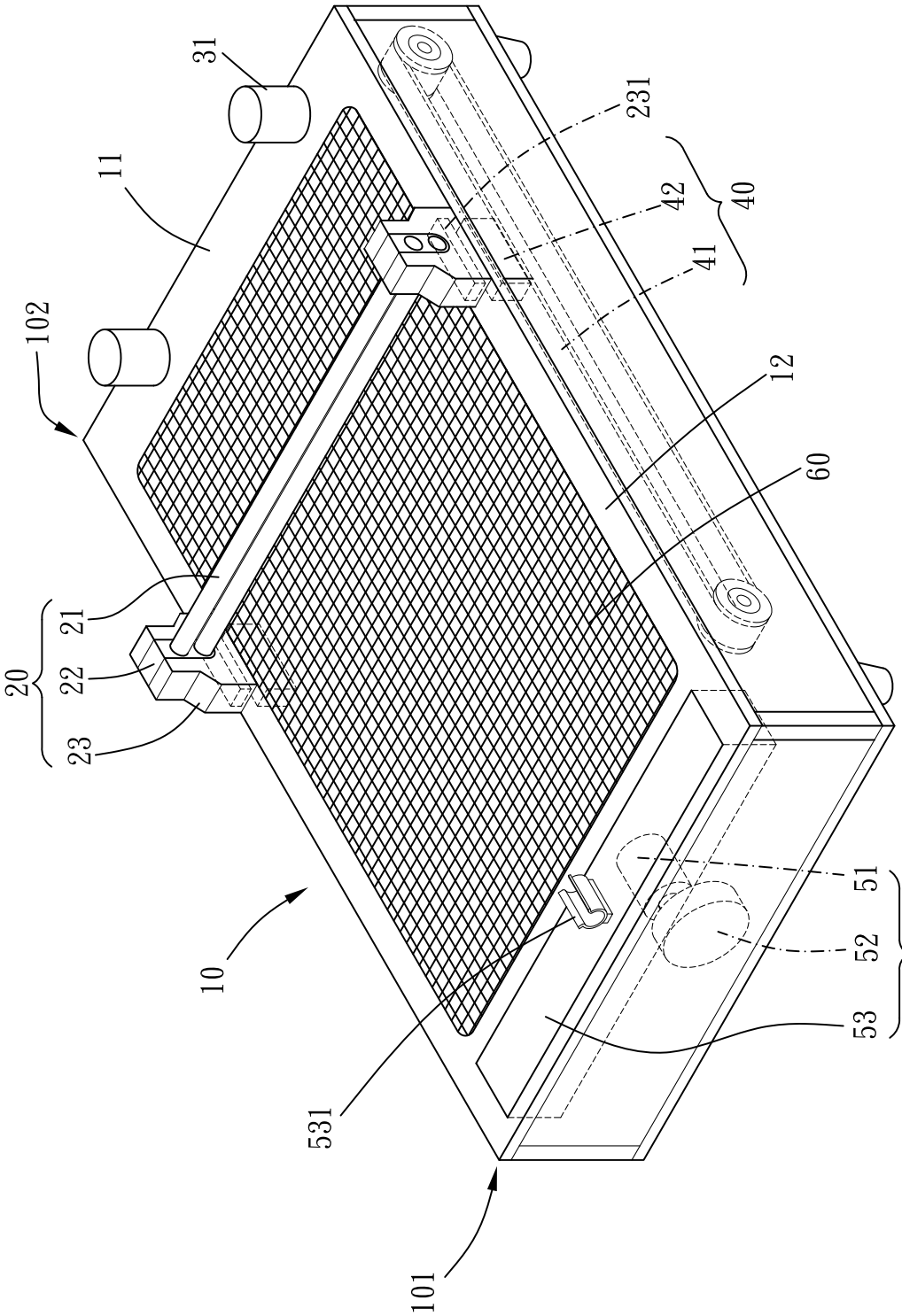


FIG. 1

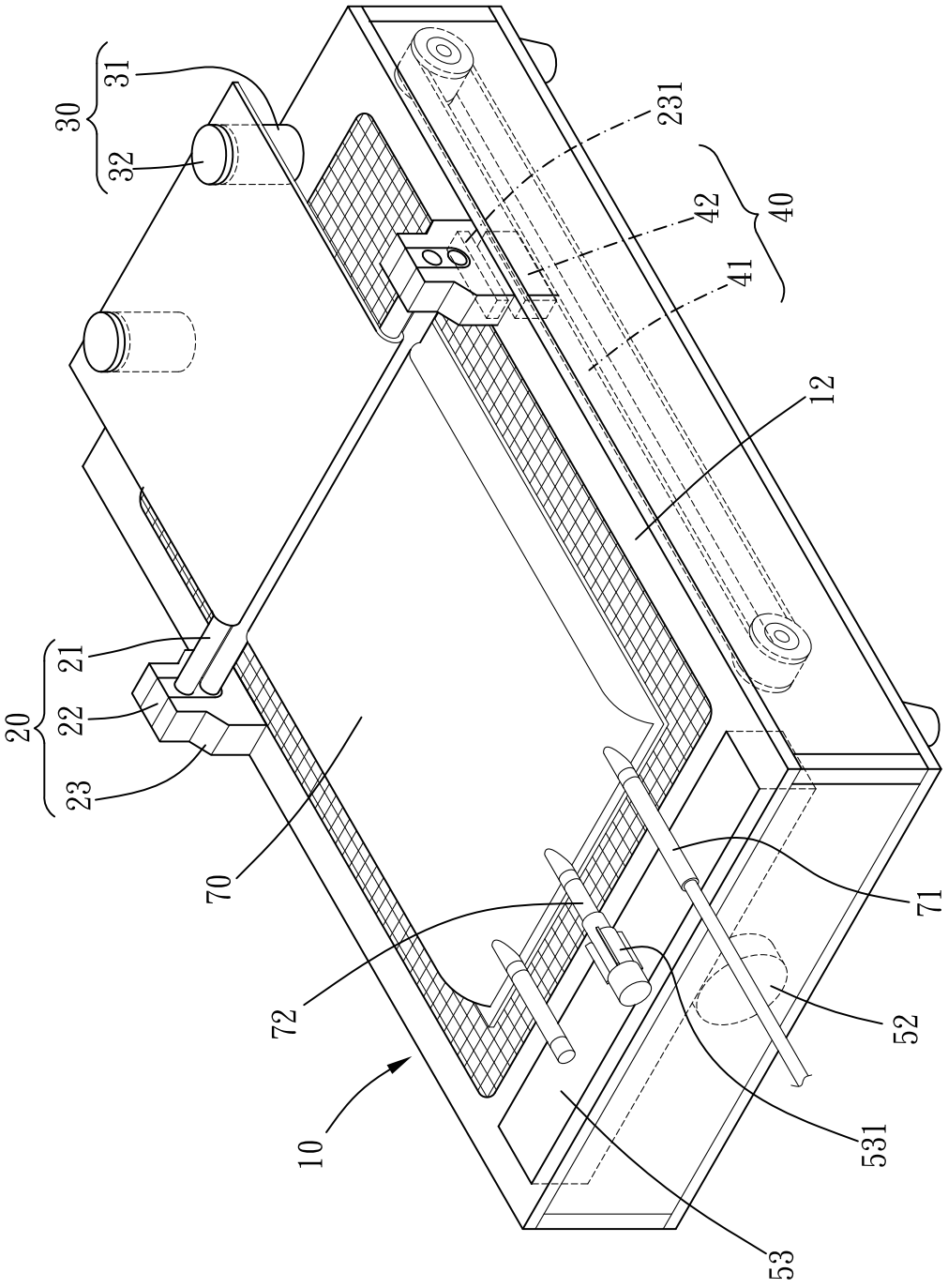


FIG. 2

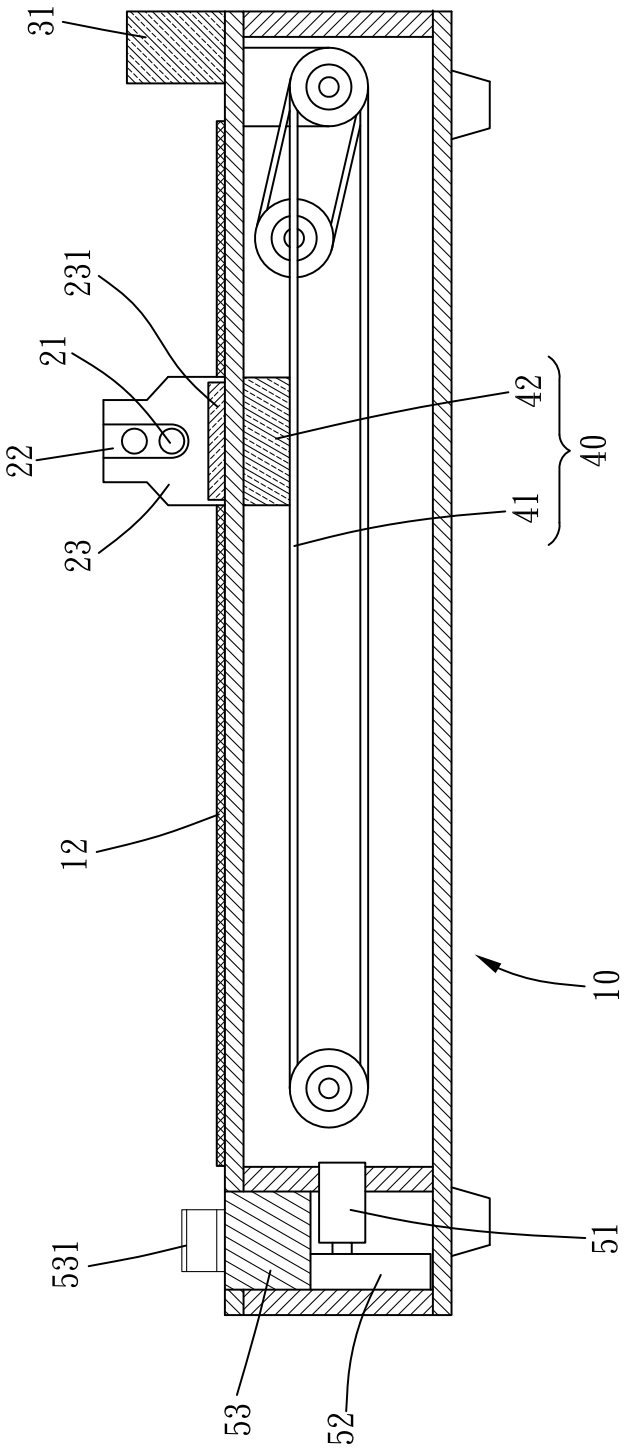


FIG. 3

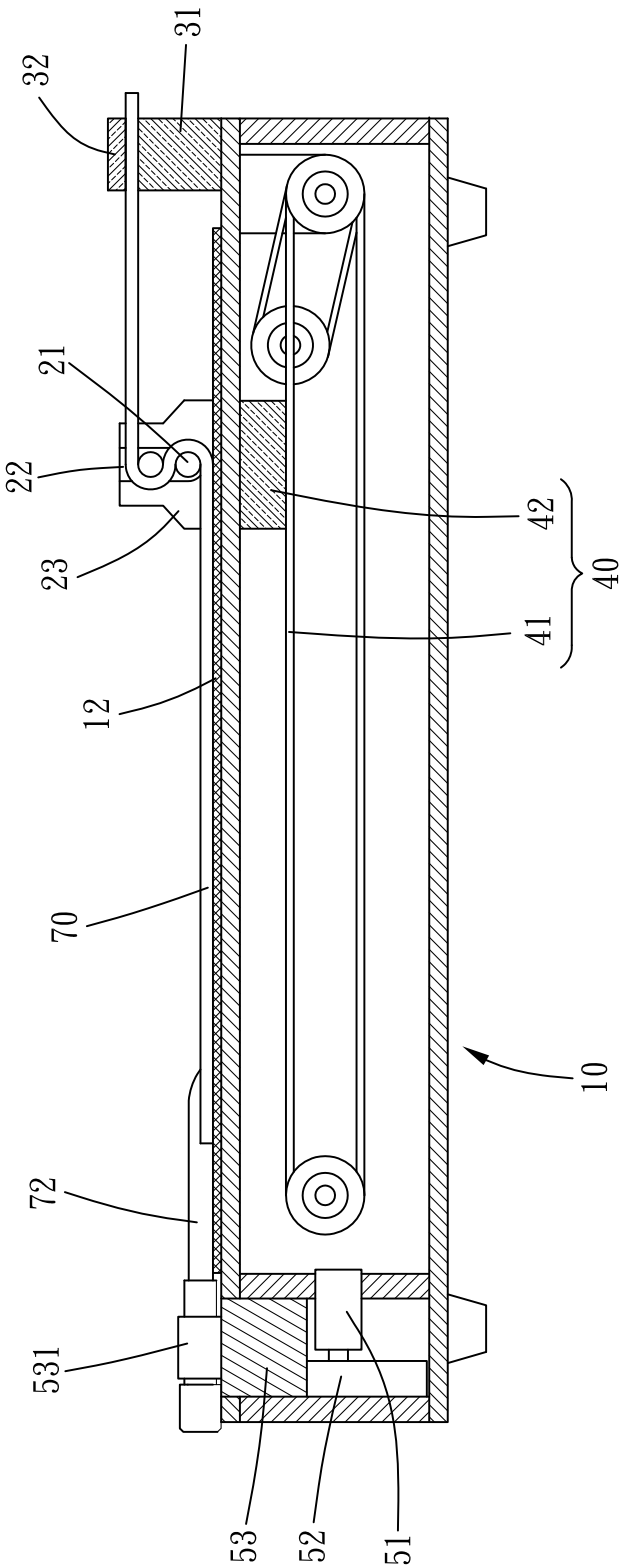


FIG. 4

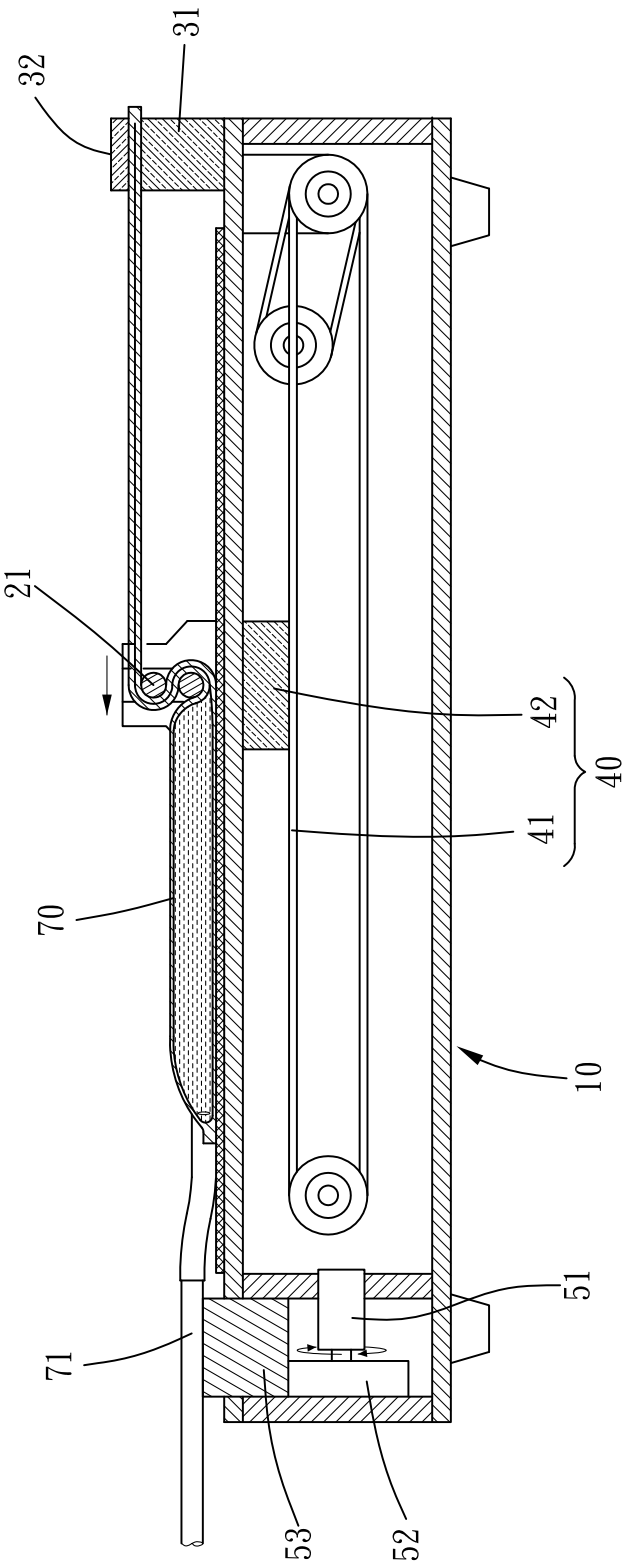


FIG. 5

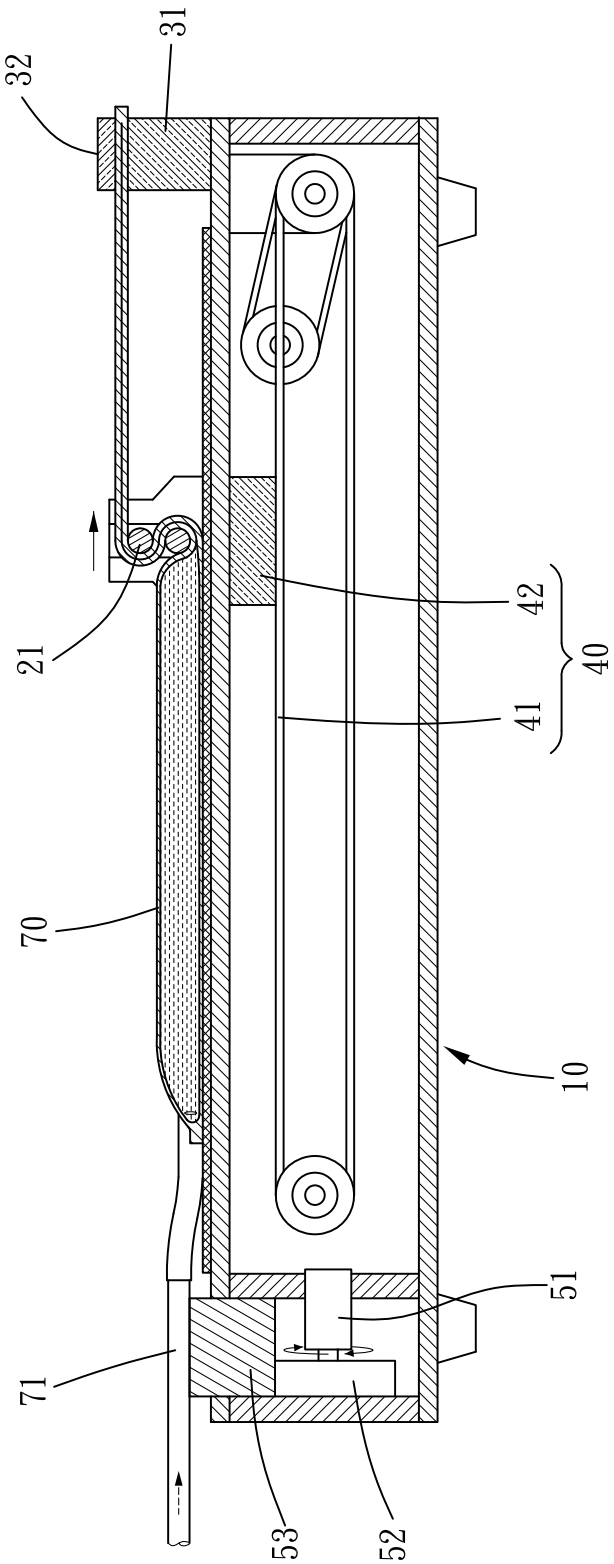


FIG. 6

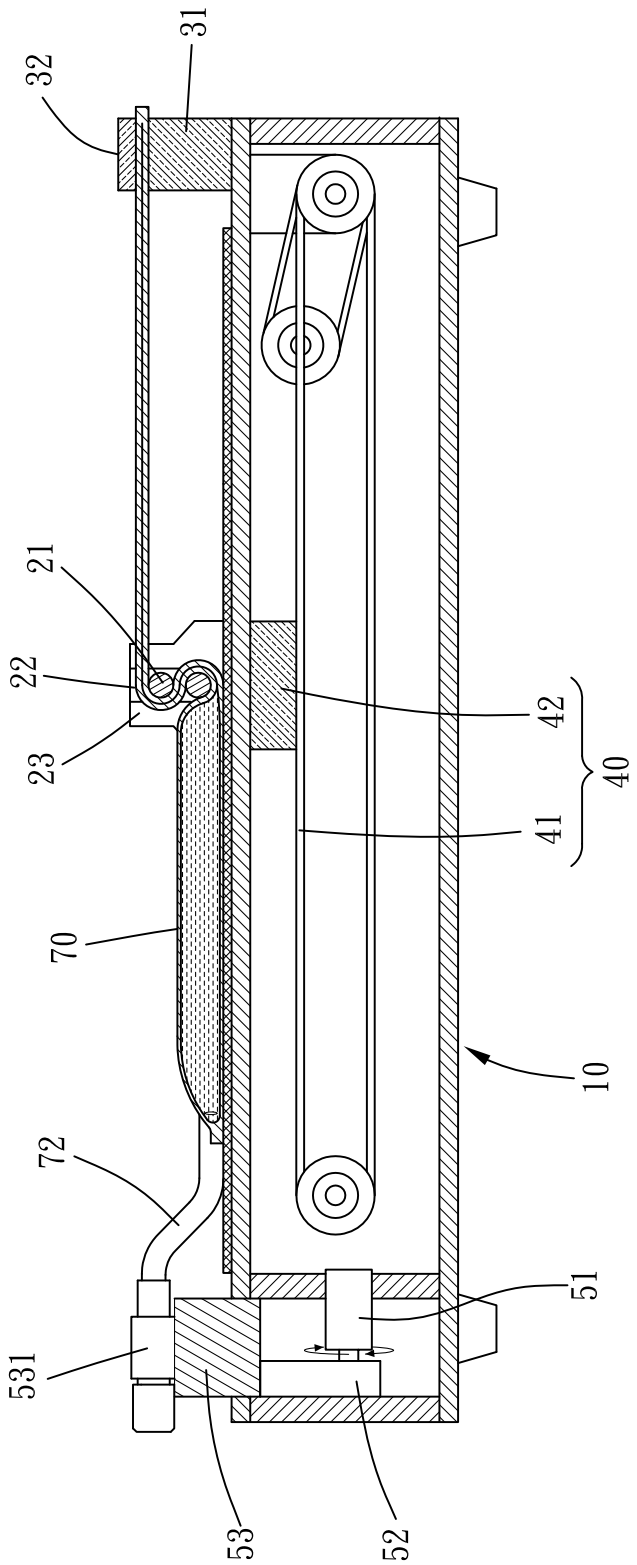


FIG. 7

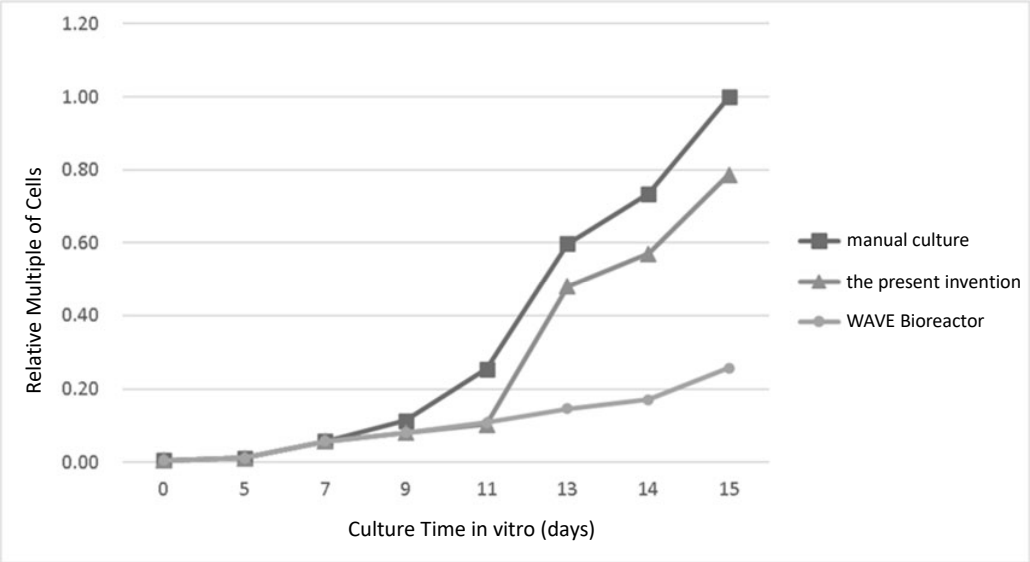

1.20
1.00
0.80
0.60
0.40
0.20
0.00
Relative Multiple of Cells
0
5
7
9
11
13
14
15
Culture Time in vitro (days)
manual culture
the present invention
WAVE Bioreactor

FIG. 8