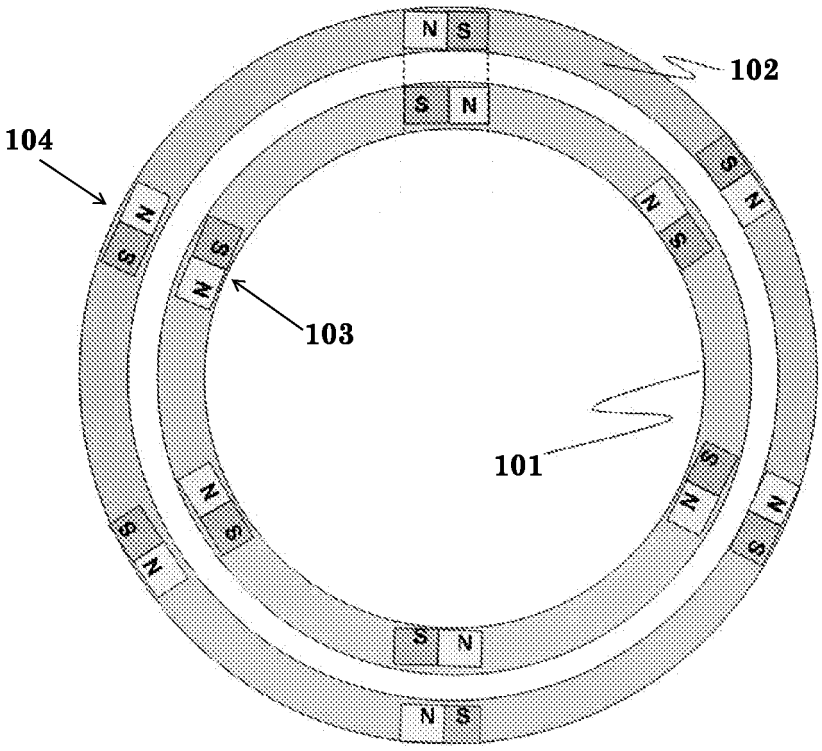


Fig. 1

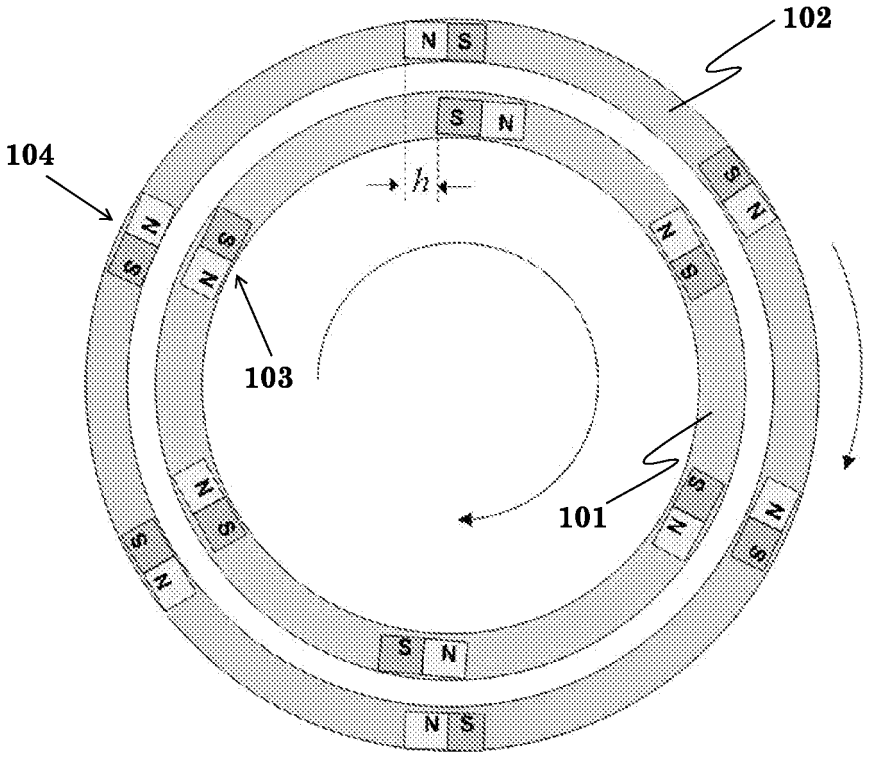


Fig. 2

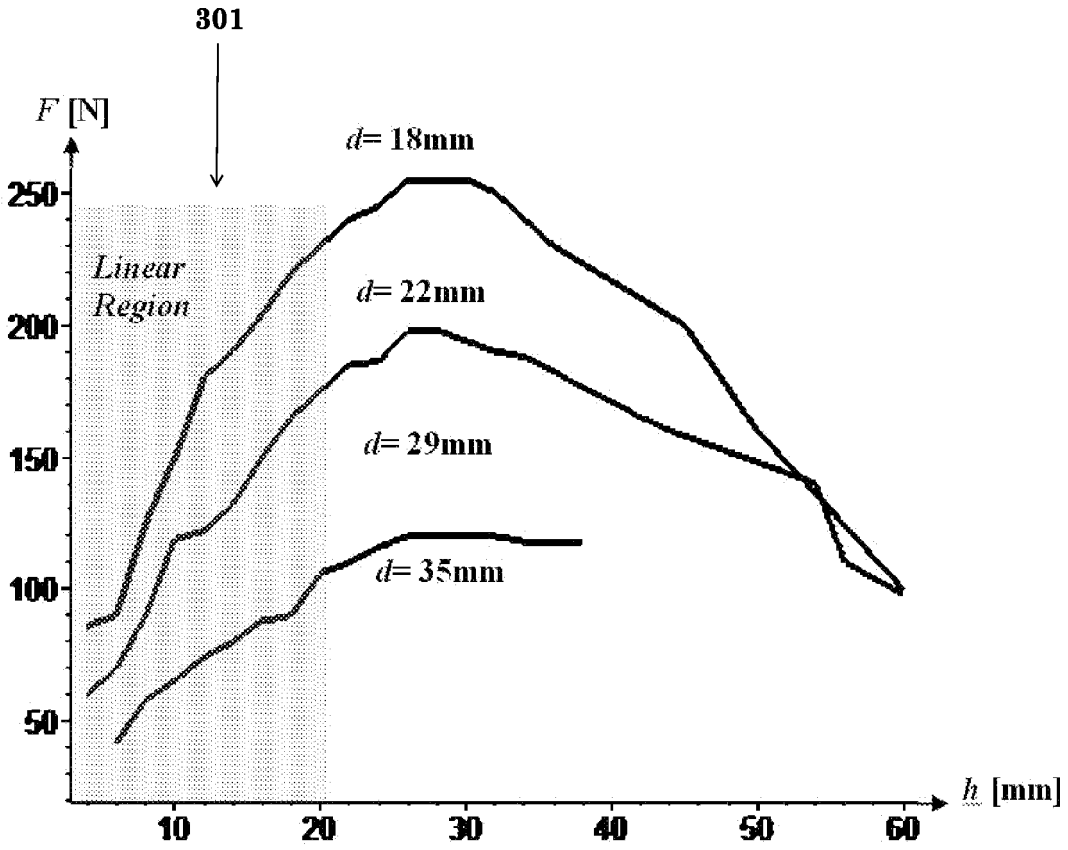

301
F [N]
d= 18mm
250
Linear
Region
d= 22mm
200
d= 29mm
150
d= 35mm
100
50
h [mm]
10
20
30
40
50
60

Fig. 3

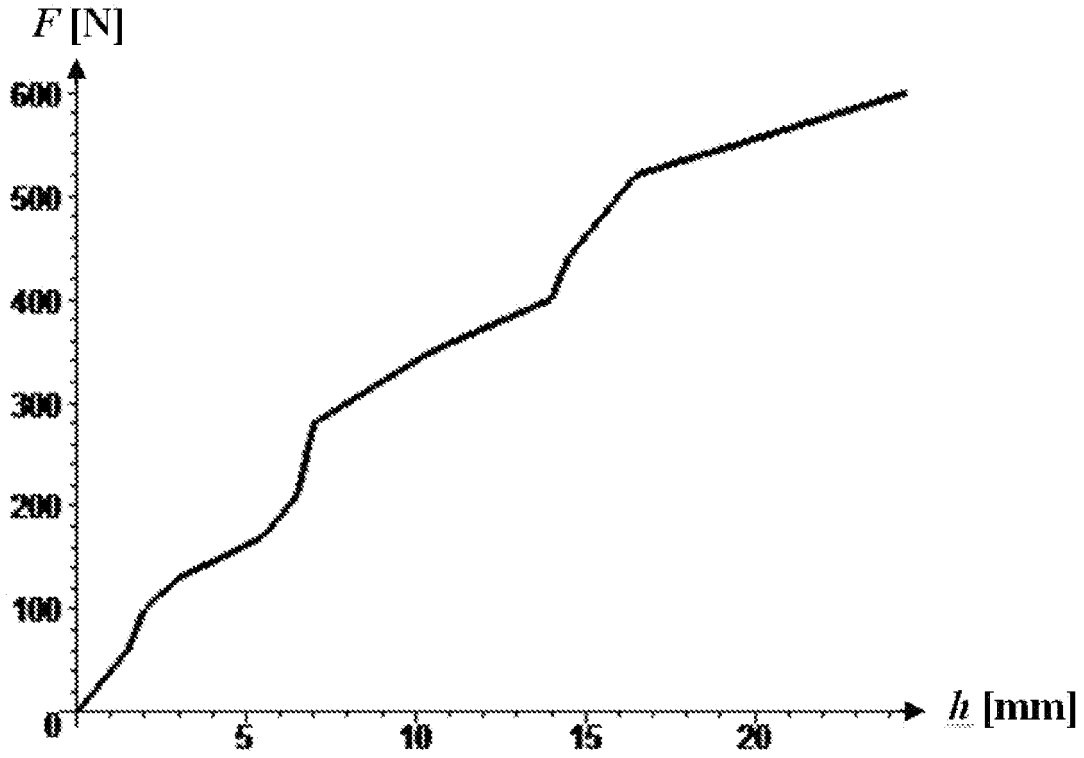


Fig. 4

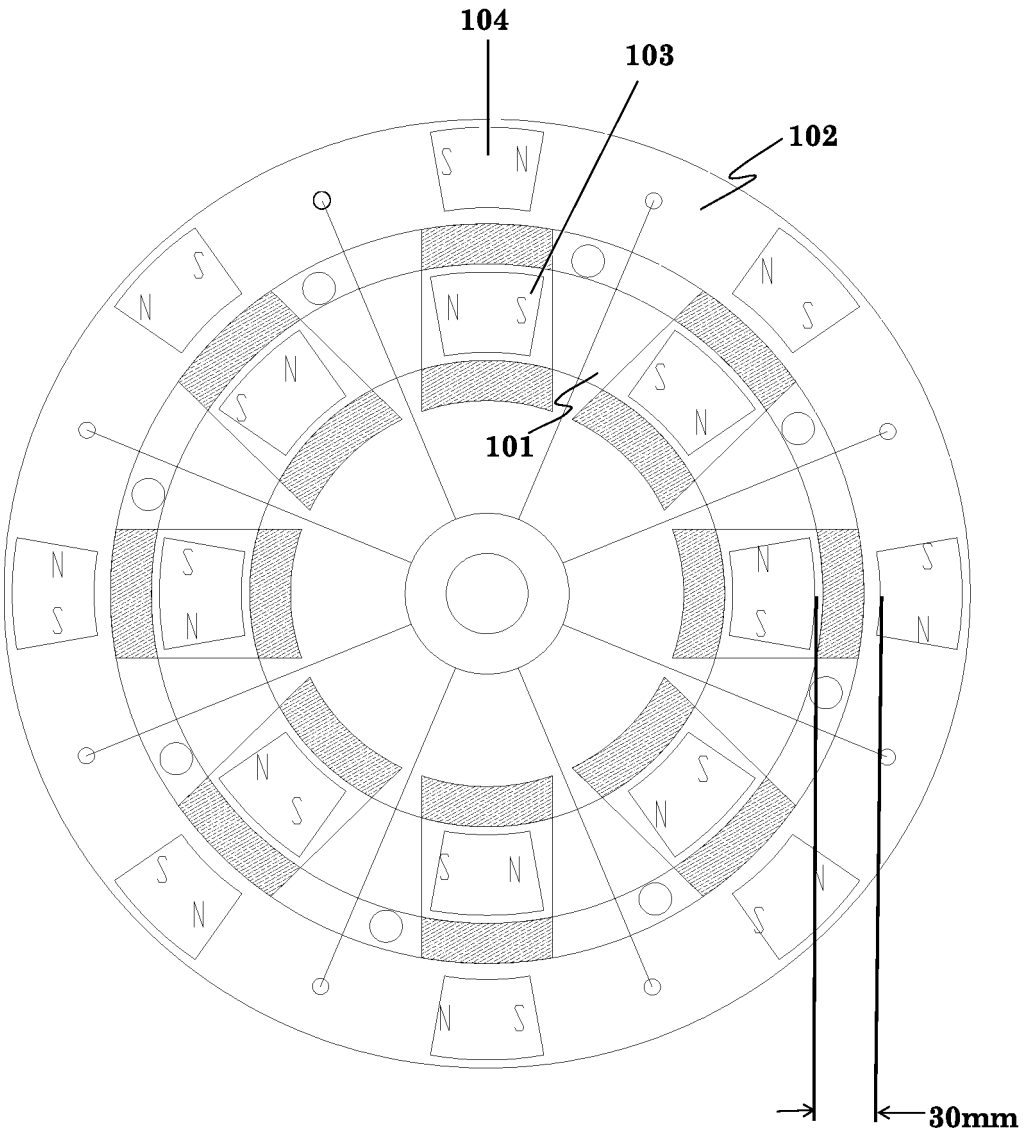


Fig. 5

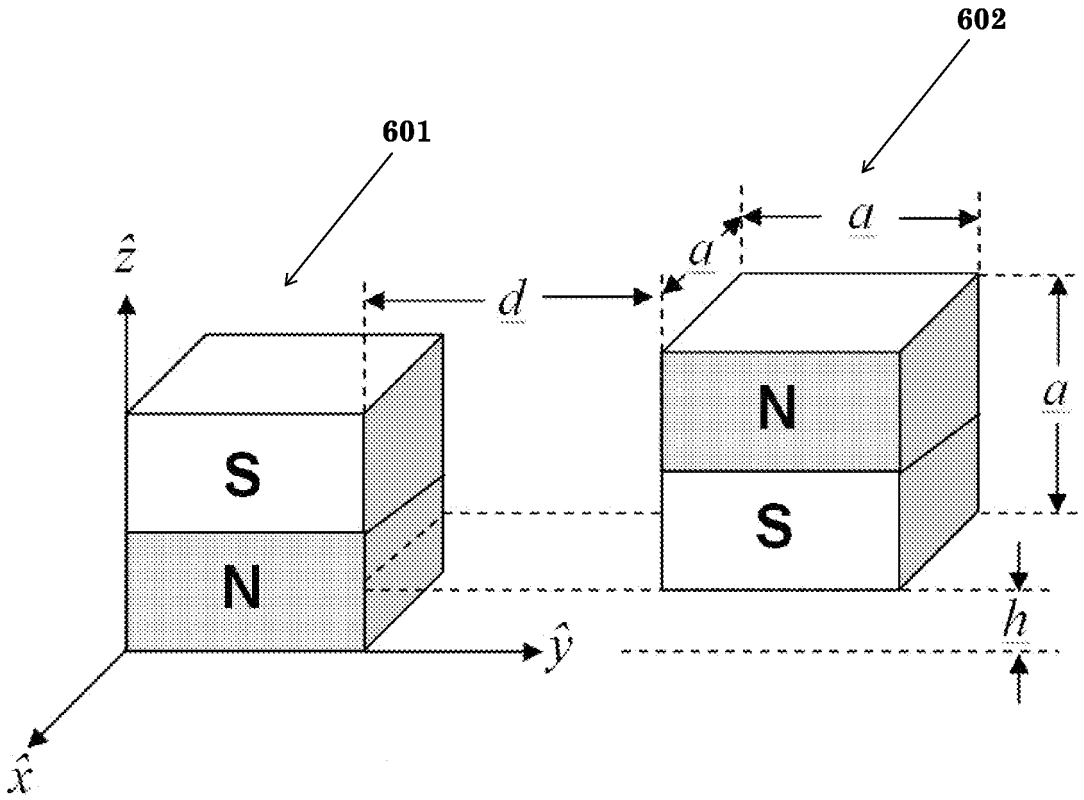


Fig. 6

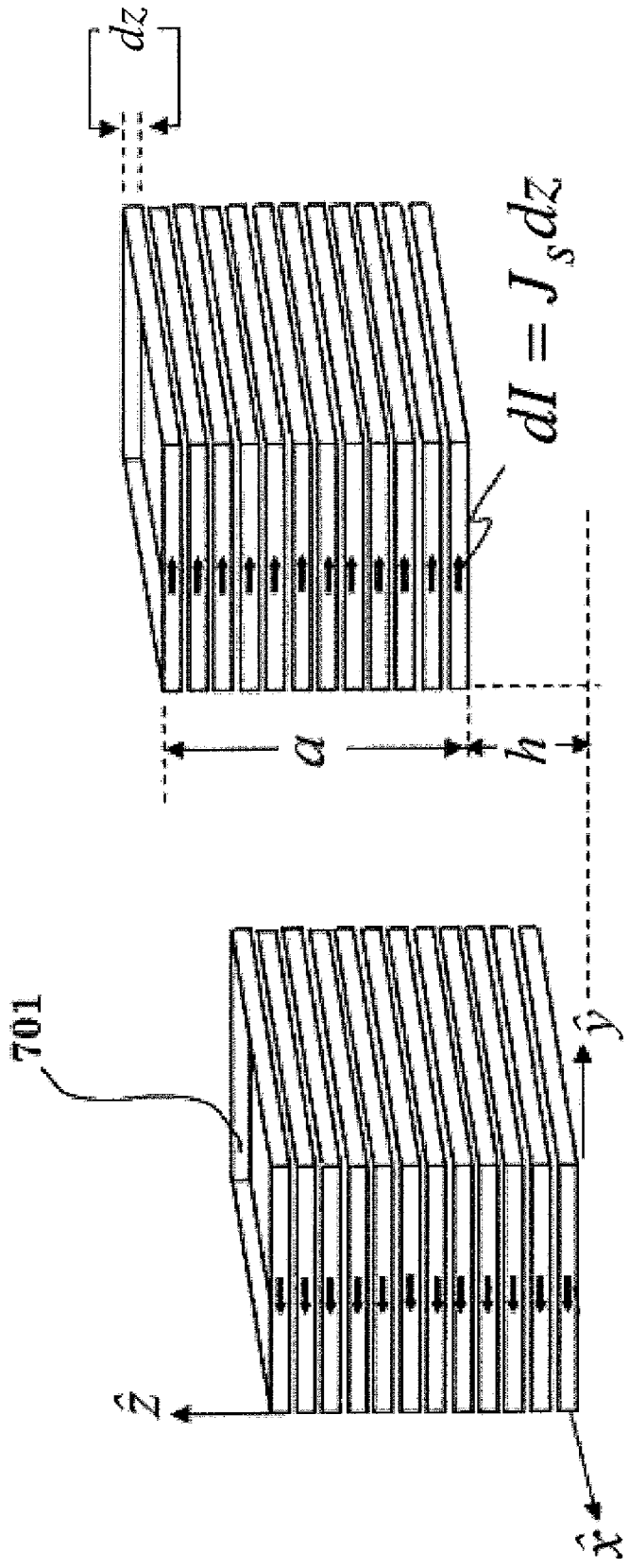


Fig. 7

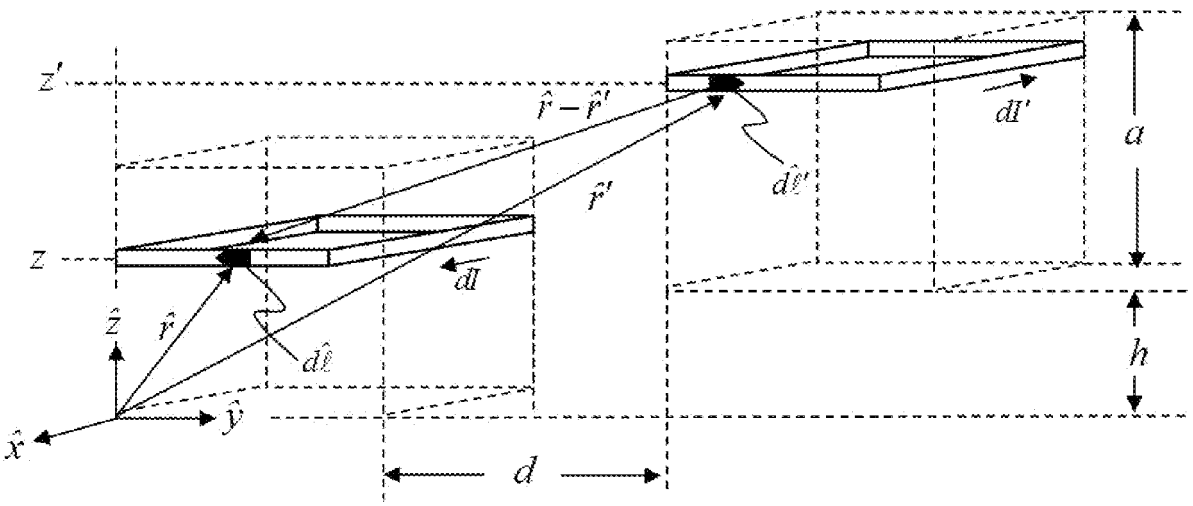

z'
z
$\hat{r}-\hat{r}'$
$\hat{r}'$
$d\vec{l}'$
$d\vec{l}$
$d\hat{\ell}'$
$d\hat{\ell}$
$\hat{z}$
$\hat{r}$
$\hat{x}$
$\hat{y}$
a
h
d

Fig. 8