

FIG. 1 (a)

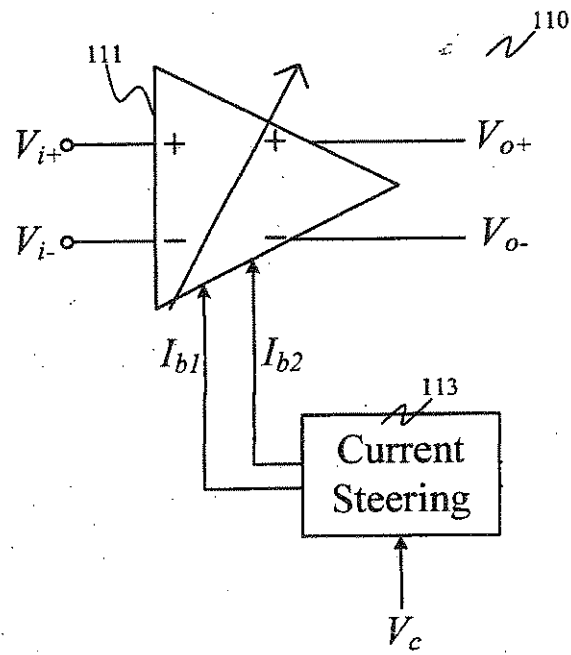
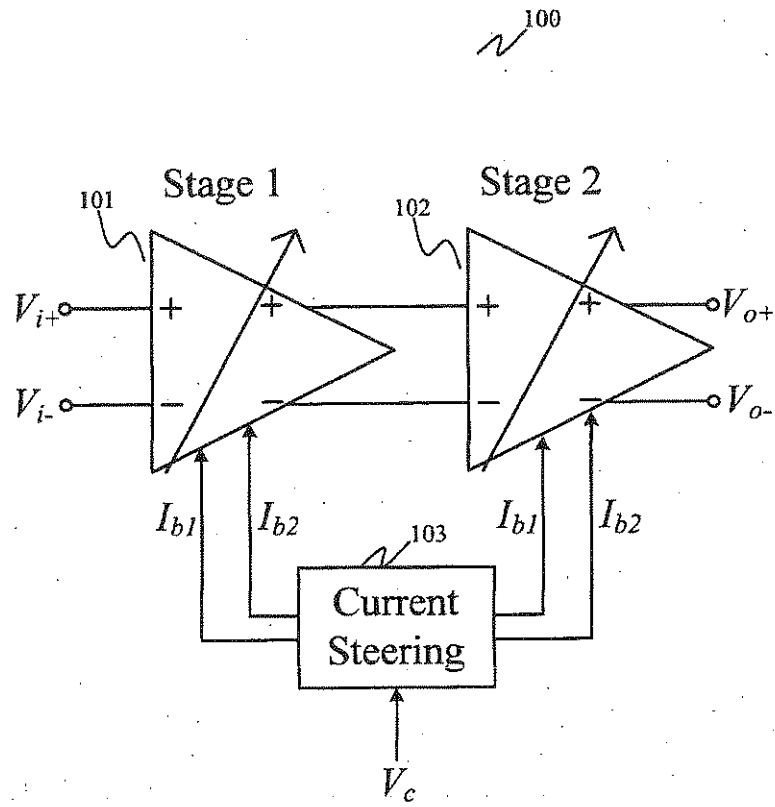
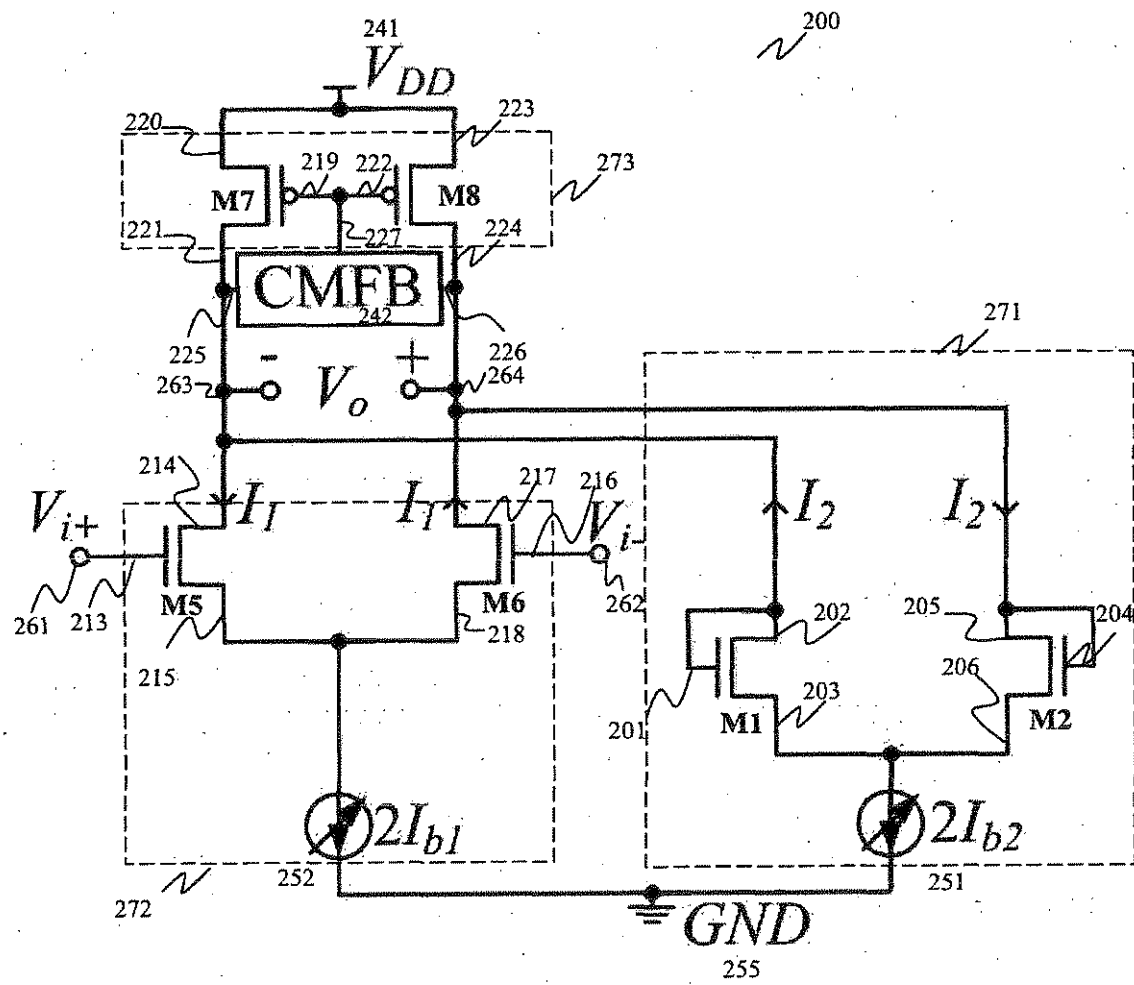


FIG. 1 (b)



3 / 11

FIG. 2



4 / 11

FIG. 3

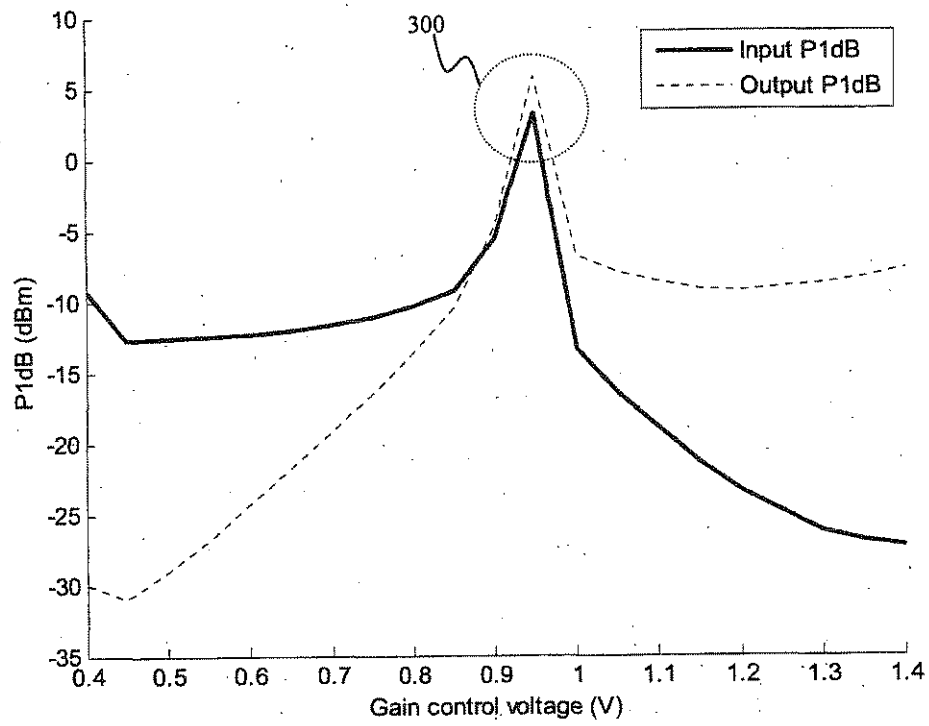
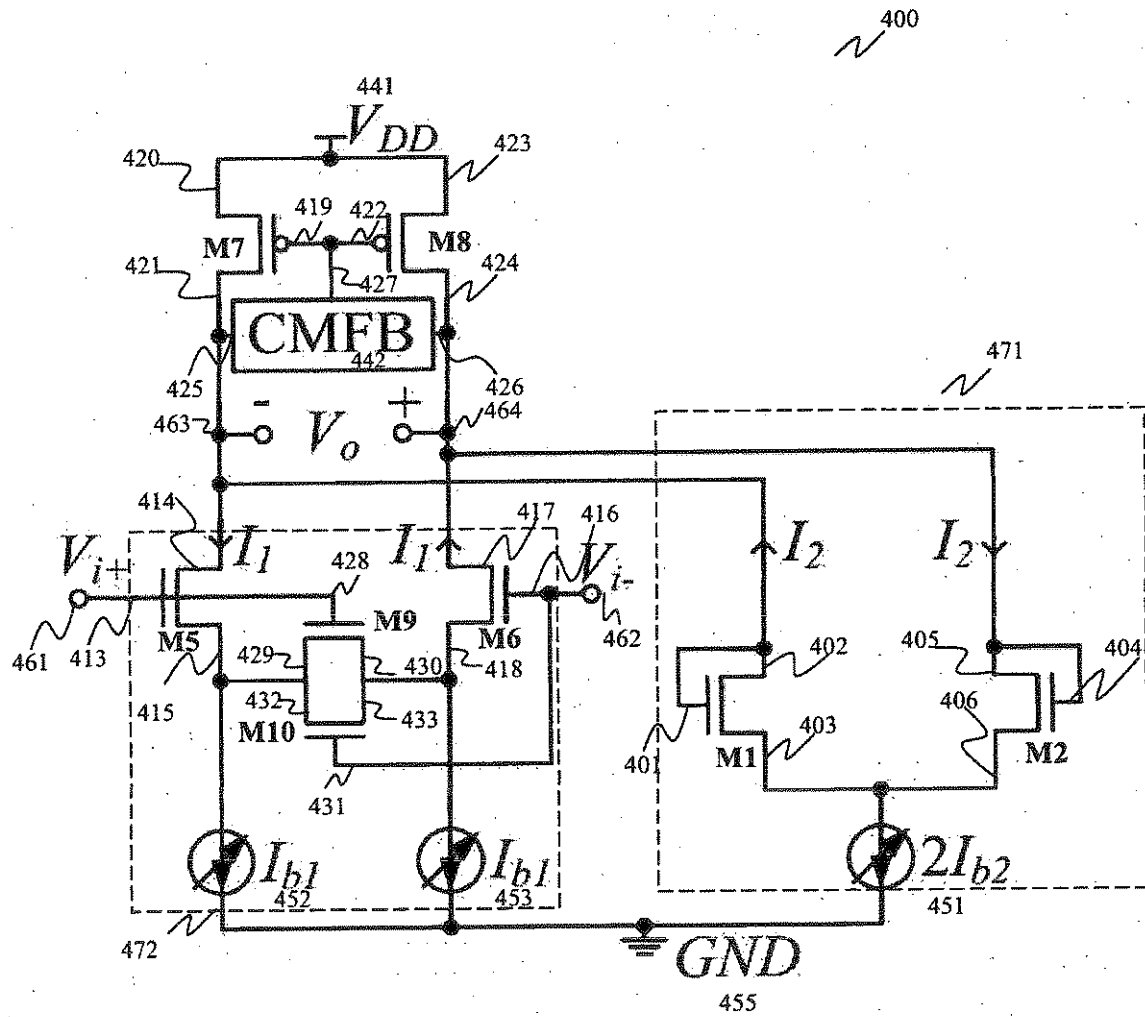
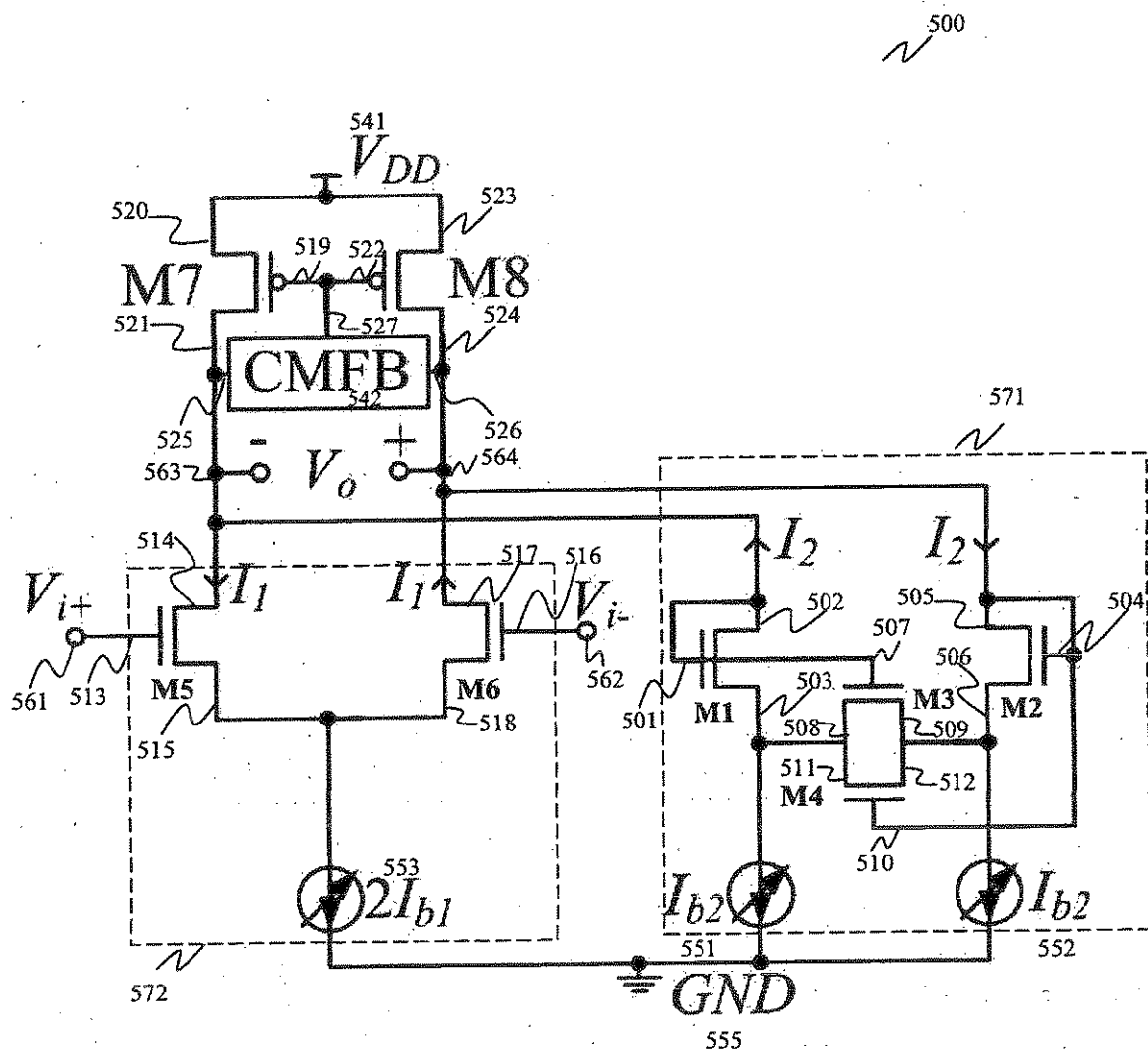


FIG. 4



6/11

FIG. 5



7 / 11

FIG. 6

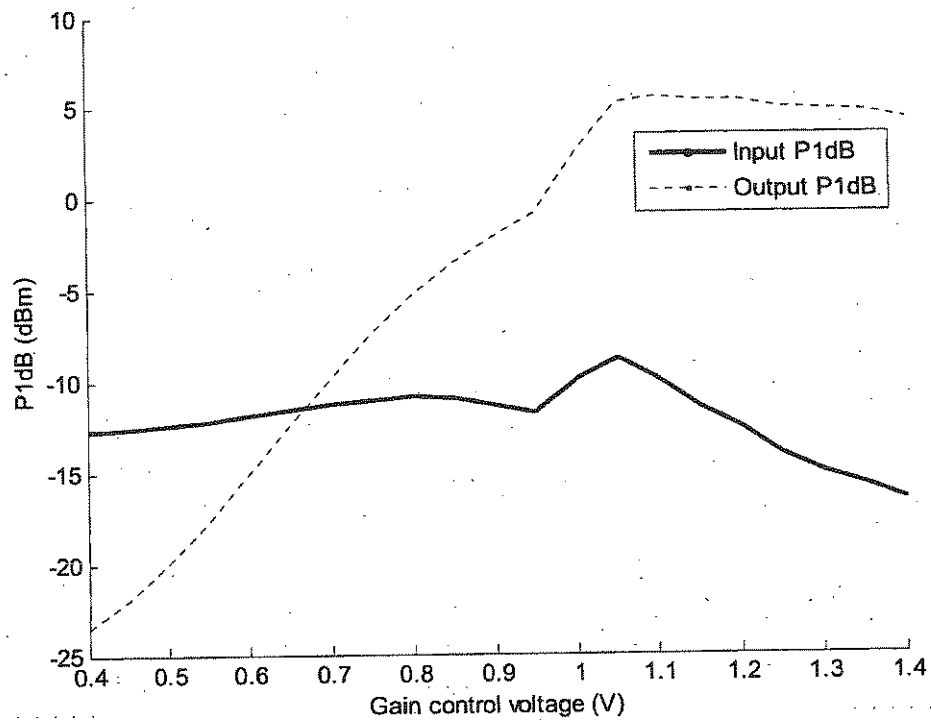
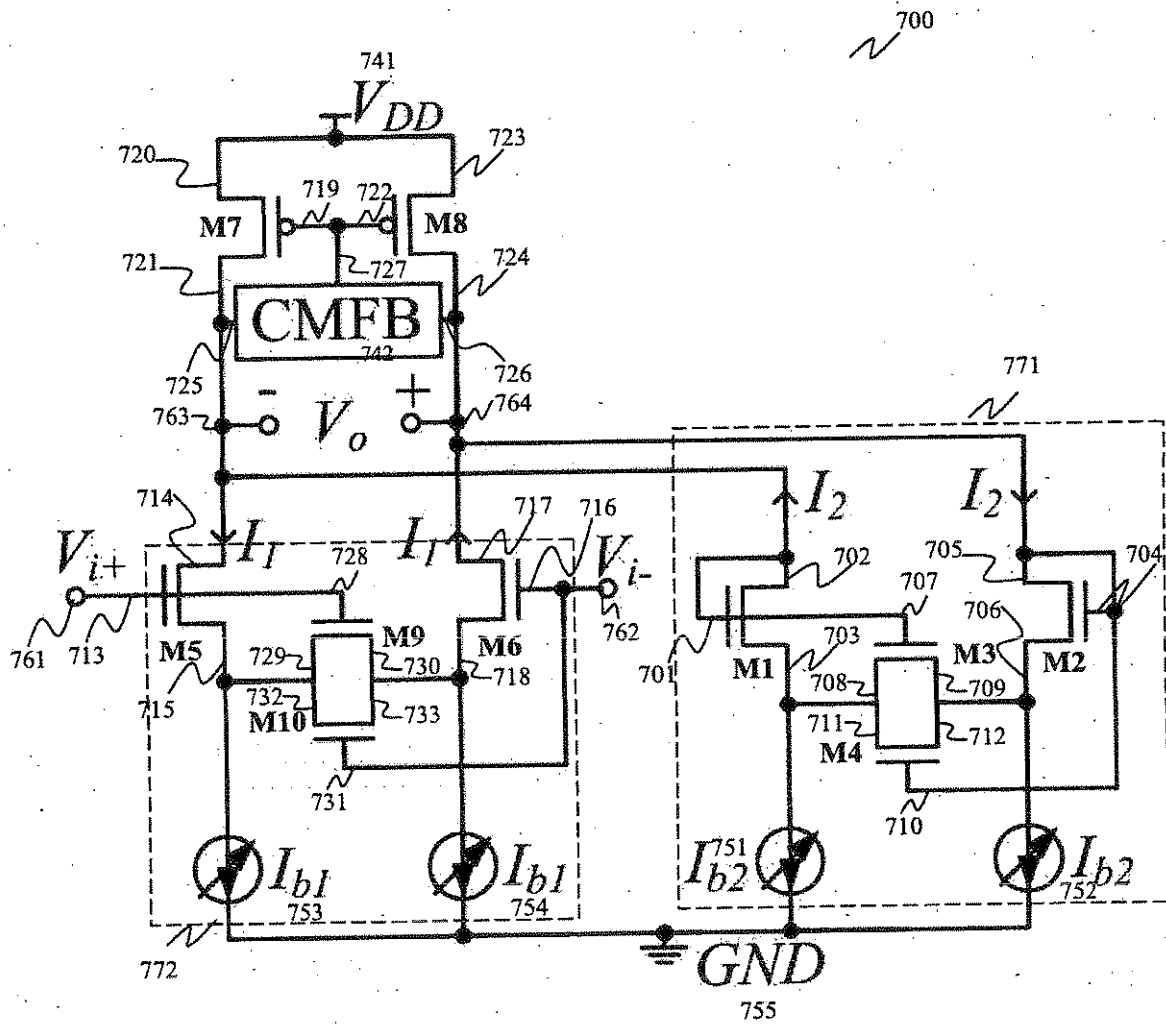


FIG. 7



9 / 11

FIG. 8

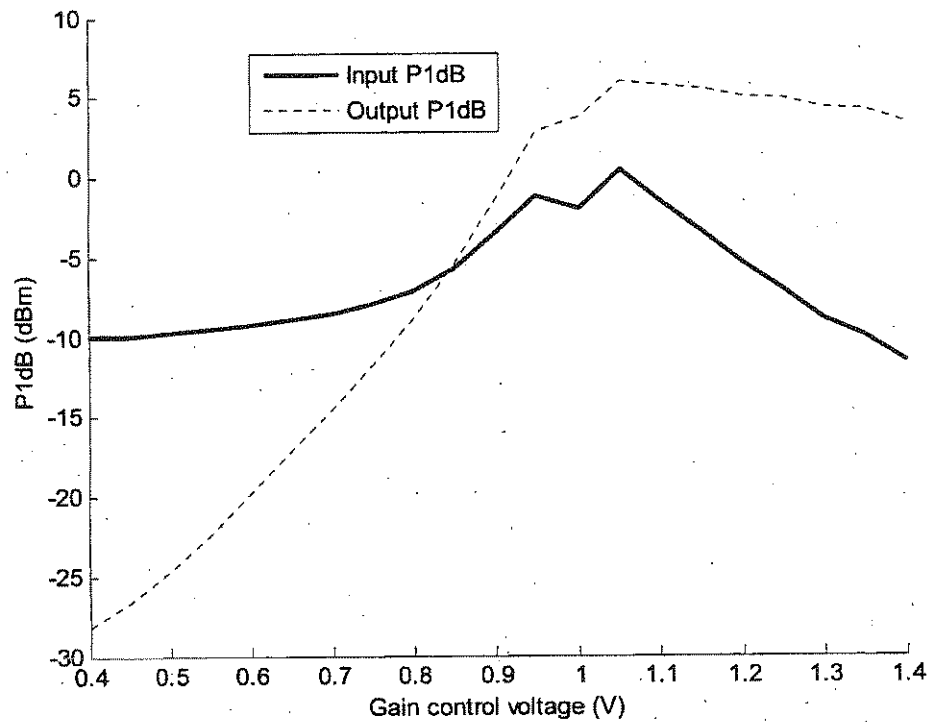


FIG. 9

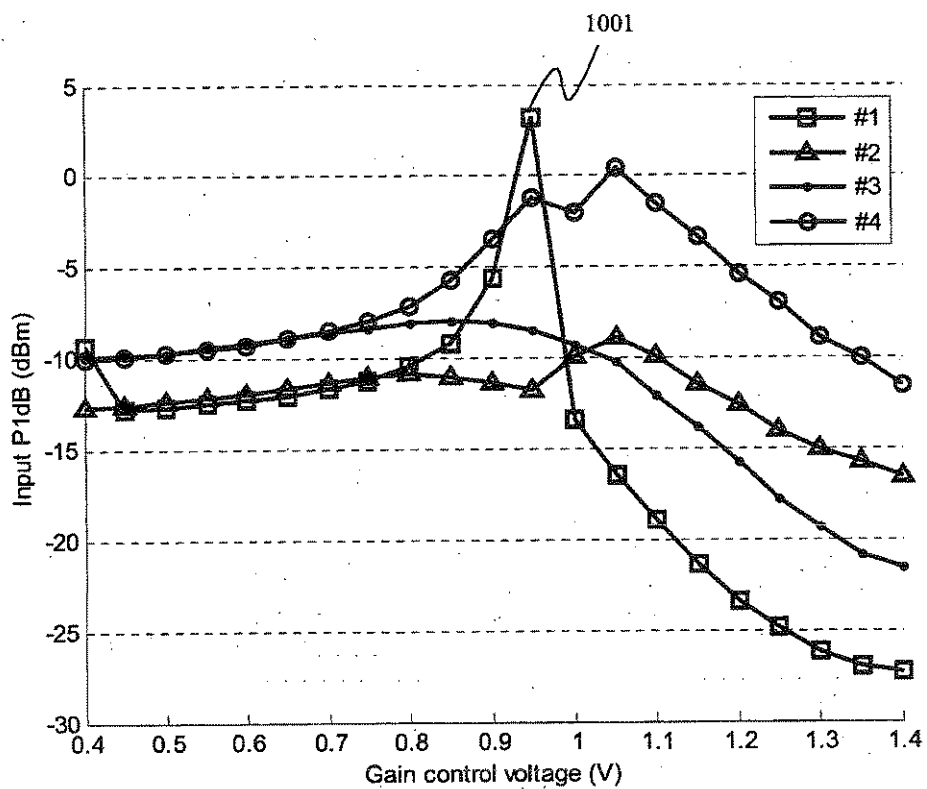
900

Number of cases for comparison

VGA number	Input stage	gm load	Classification
#1	No degeneration	No degeneration	Conventional
#2	No degeneration	Degenerated	This invention
#3	Degenerated	No degeneration	Conventional
#4	Degenerated	Degenerated	This invention

10 / 11

FIG. 10



11 / 11

FIG. 11

