

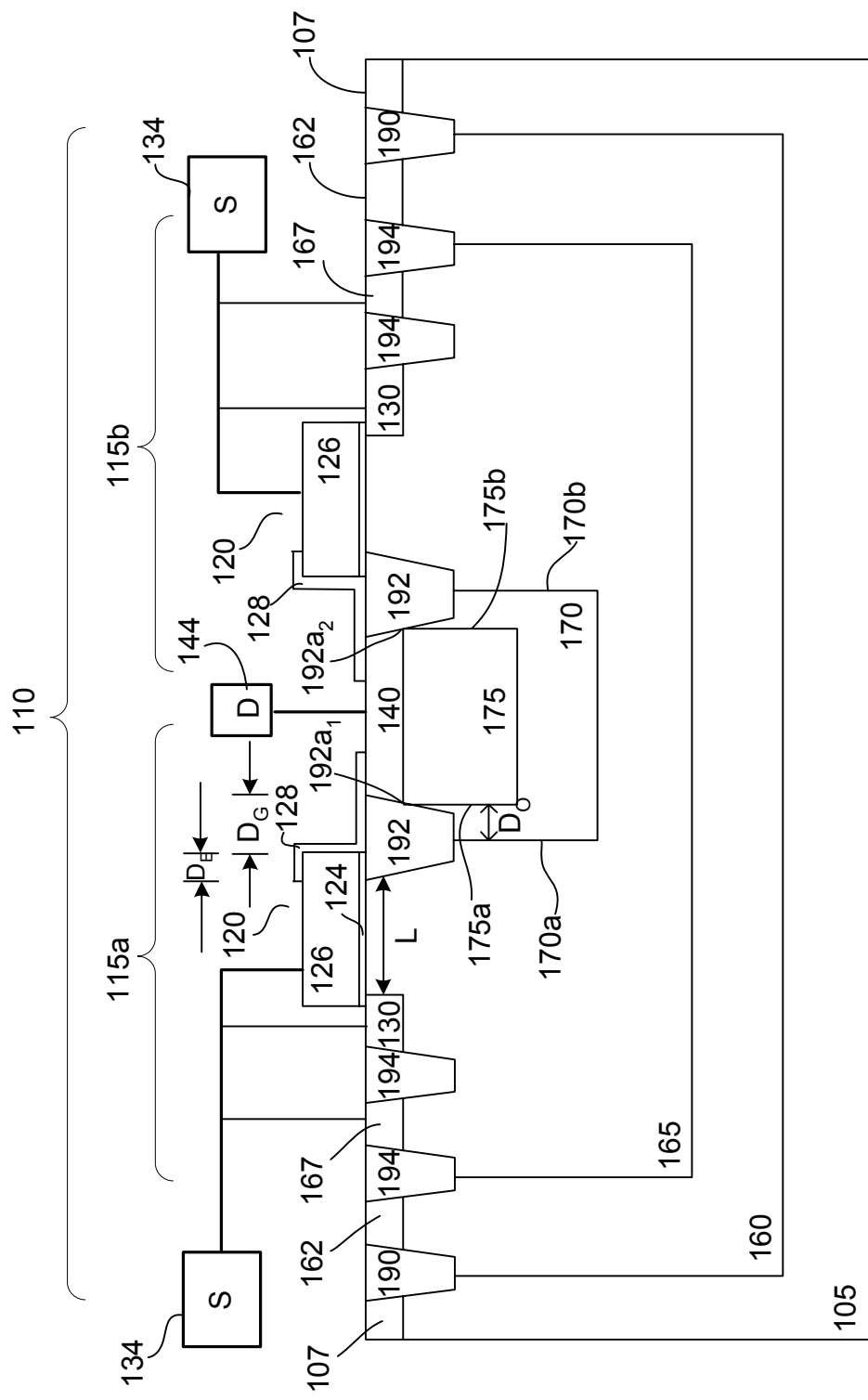


Fig. 1

non-uniform & ESD robust nLDMOS ESD protection devices											
DUT#	Lg	D _o	Total Width	FW	# of finger	DCGS	SCGS	D _{NW}	Vt1 (V)	Vh1 (V)	It2 (A)
1	1.5	1.0	300	50	6	4 + 0.06	0.45	8.0	35.3	19.0	1.7
2	1.5	1.0	400	50	8	4 + 0.06	0.45	8.0	34.8	18.8	2.4
3	1.5	1.0	500	50	10	4 + 0.06	0.45	8.0	35.3	18.1	3.0

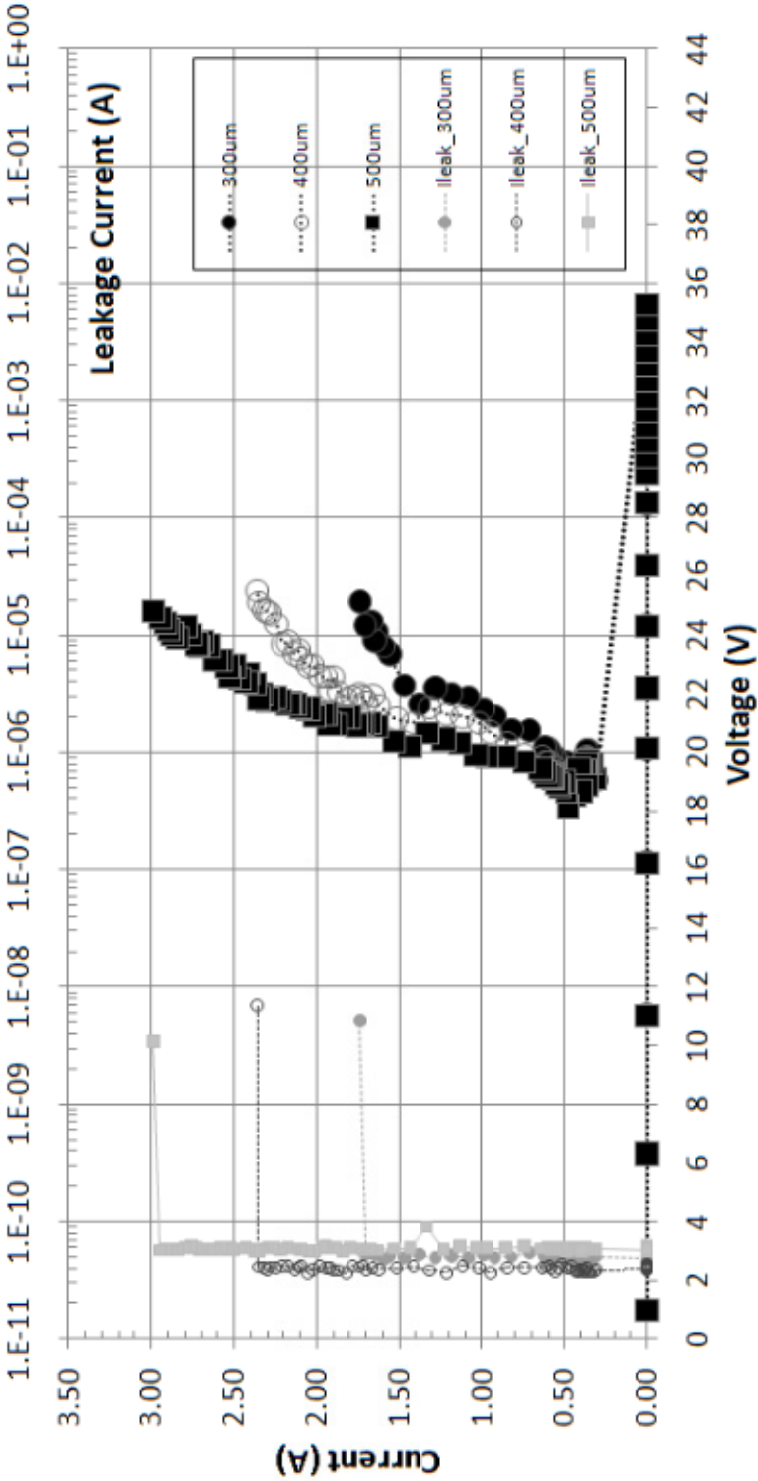


Fig. 2