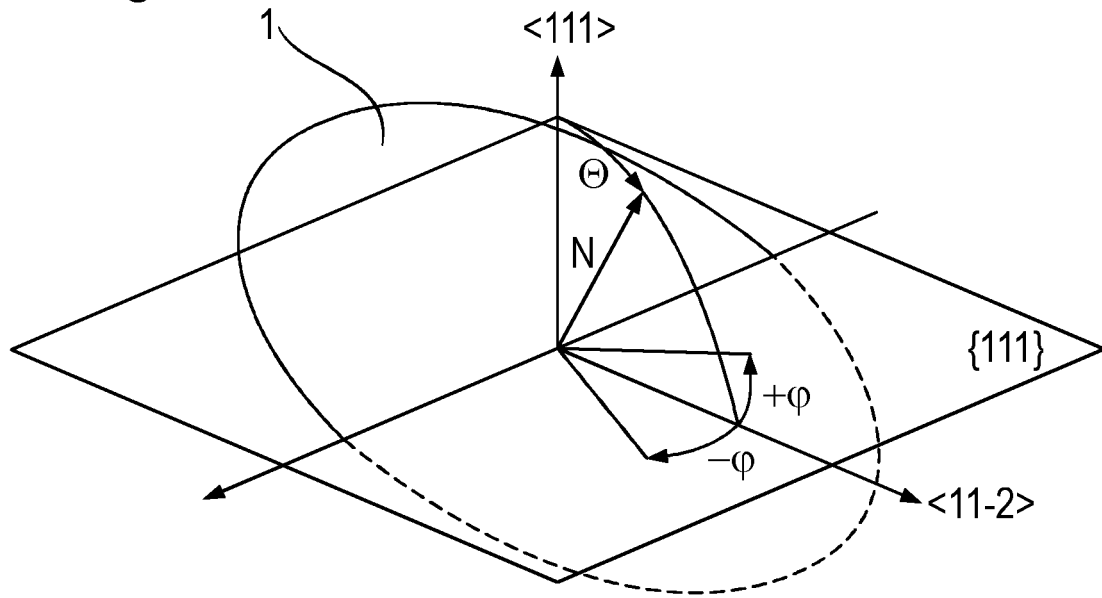
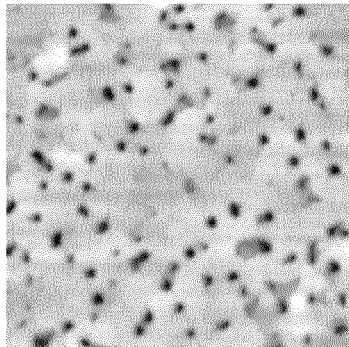


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Fig. 1

ON



1° OFF

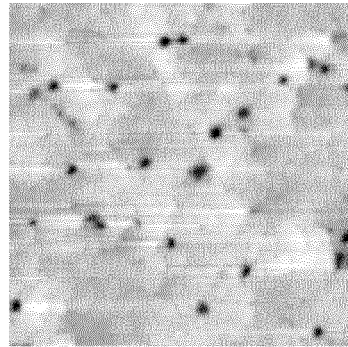
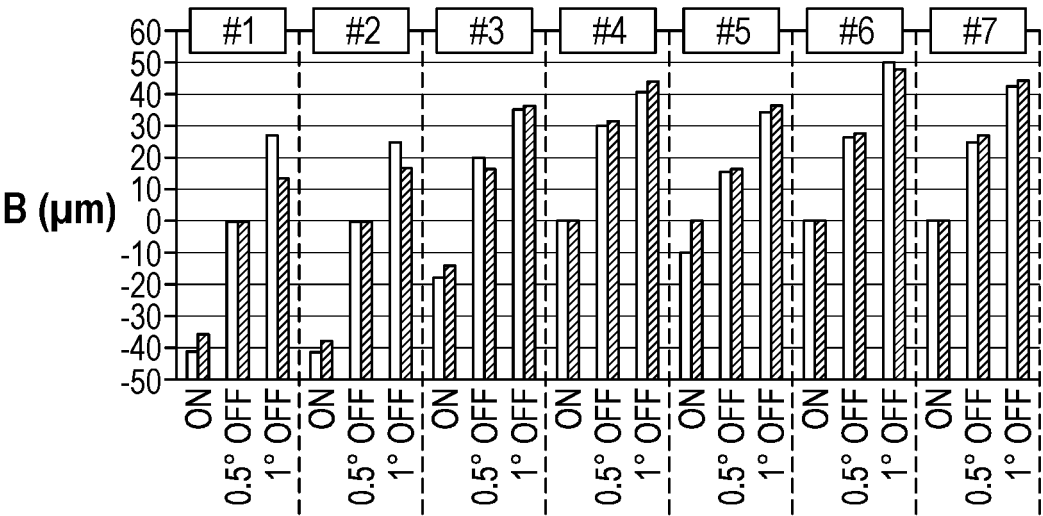
**Fig. 2**

Fig. 3

3nm GaN
10nm Al _{0.25} Ga _{0.75} N
1nm AlN
150nm GaN
1800nm Al _{0.2} Ga _{0.8} N
400nm Al _{0.44} Ga _{0.56} N
400nm Al _{0.75} Ga _{0.25} N
200nm AlN
950μm Si

Fig. 4



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Fig. 5

