

FIG.1

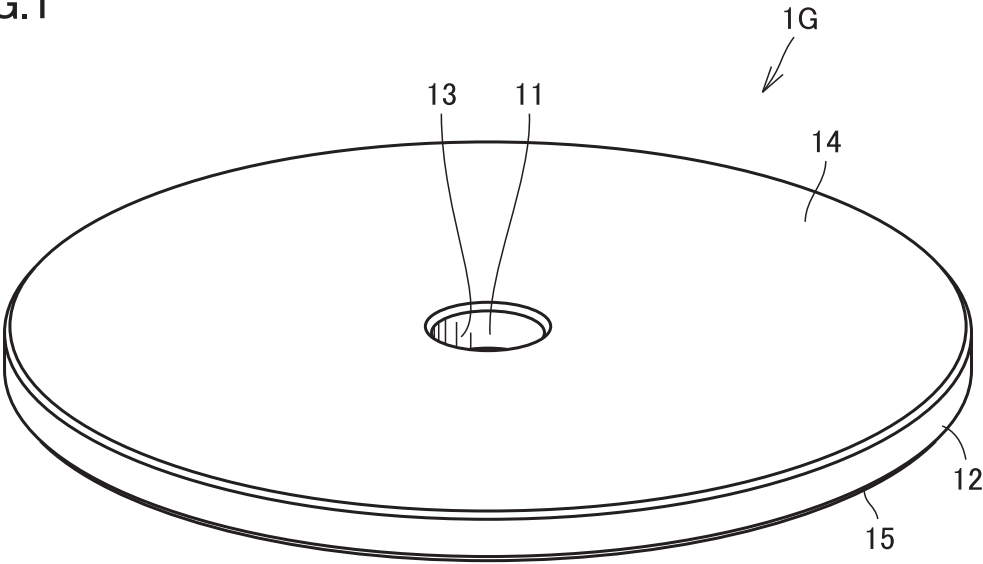


FIG.2

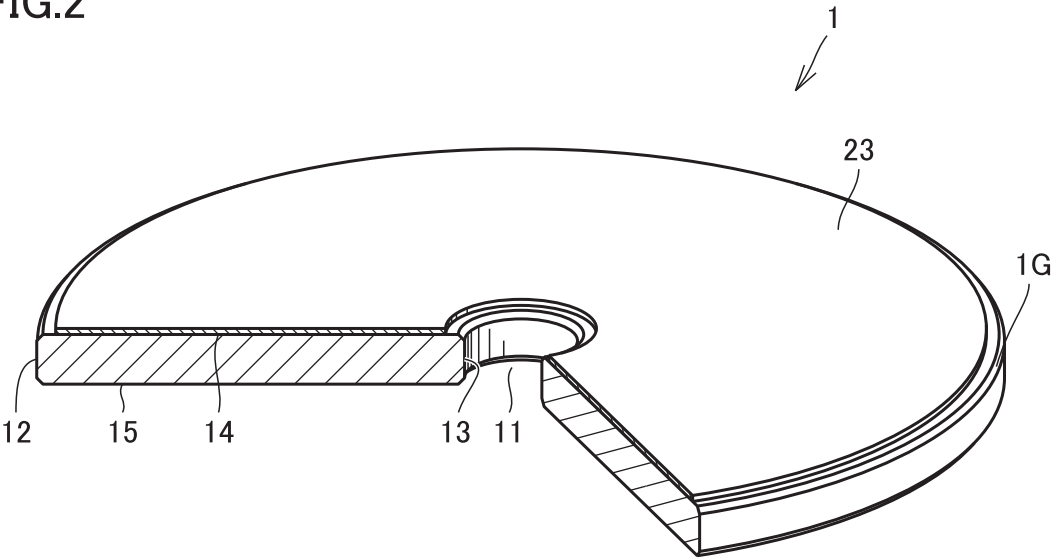


FIG.3

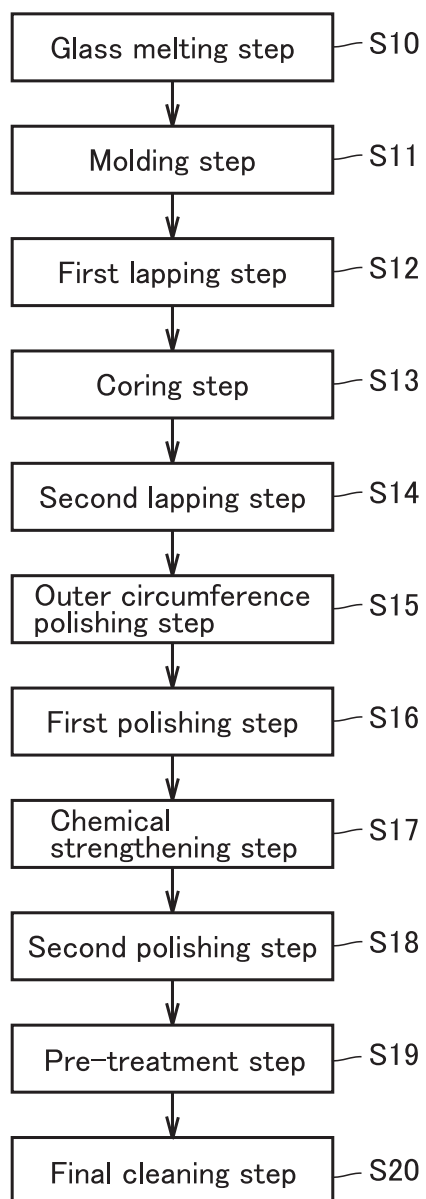


FIG.4

	SiOH/Si after alkali treatment	SNR(db)	Rate of change of SiOH/Si before and after alkali treatment (%)	OSA count	Evaluation
Work.Ex.1	0.20	0.12	13	6	A
Work.Ex.2	0.46	-0.11	17	12	B
Work.Ex.3	0.50	-0.21	21	9	C
Comp.Ex.1	0.55	-0.35	21	10	D
Comp.Ex.2	0.14	-0.48	28	8	D