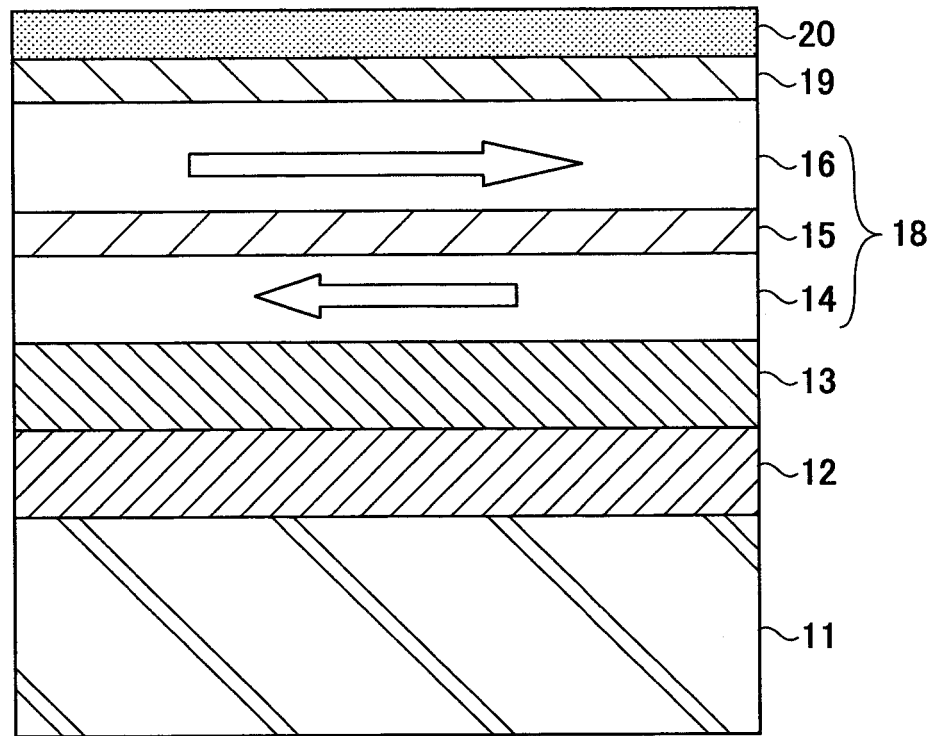
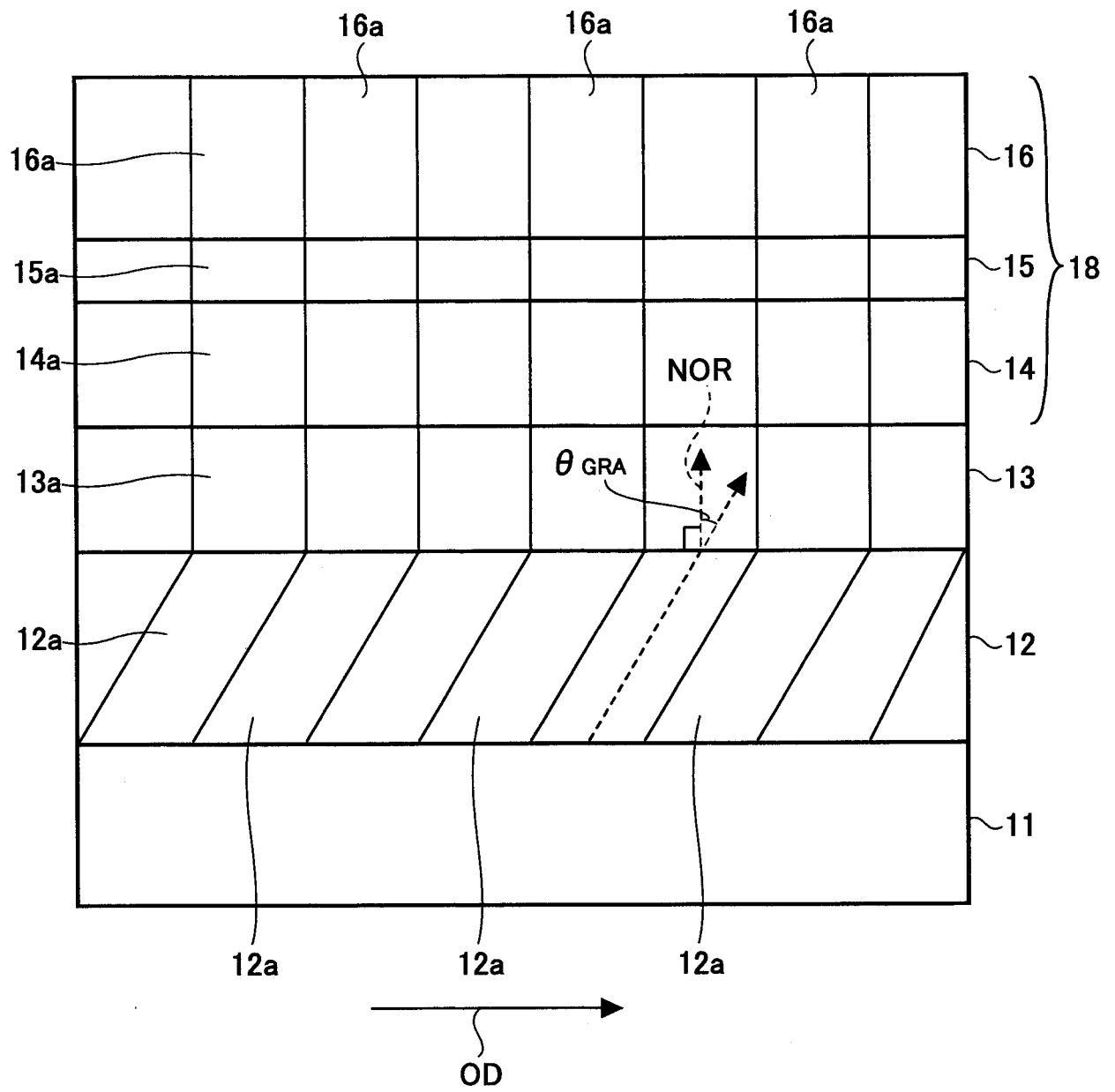


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FIG.1

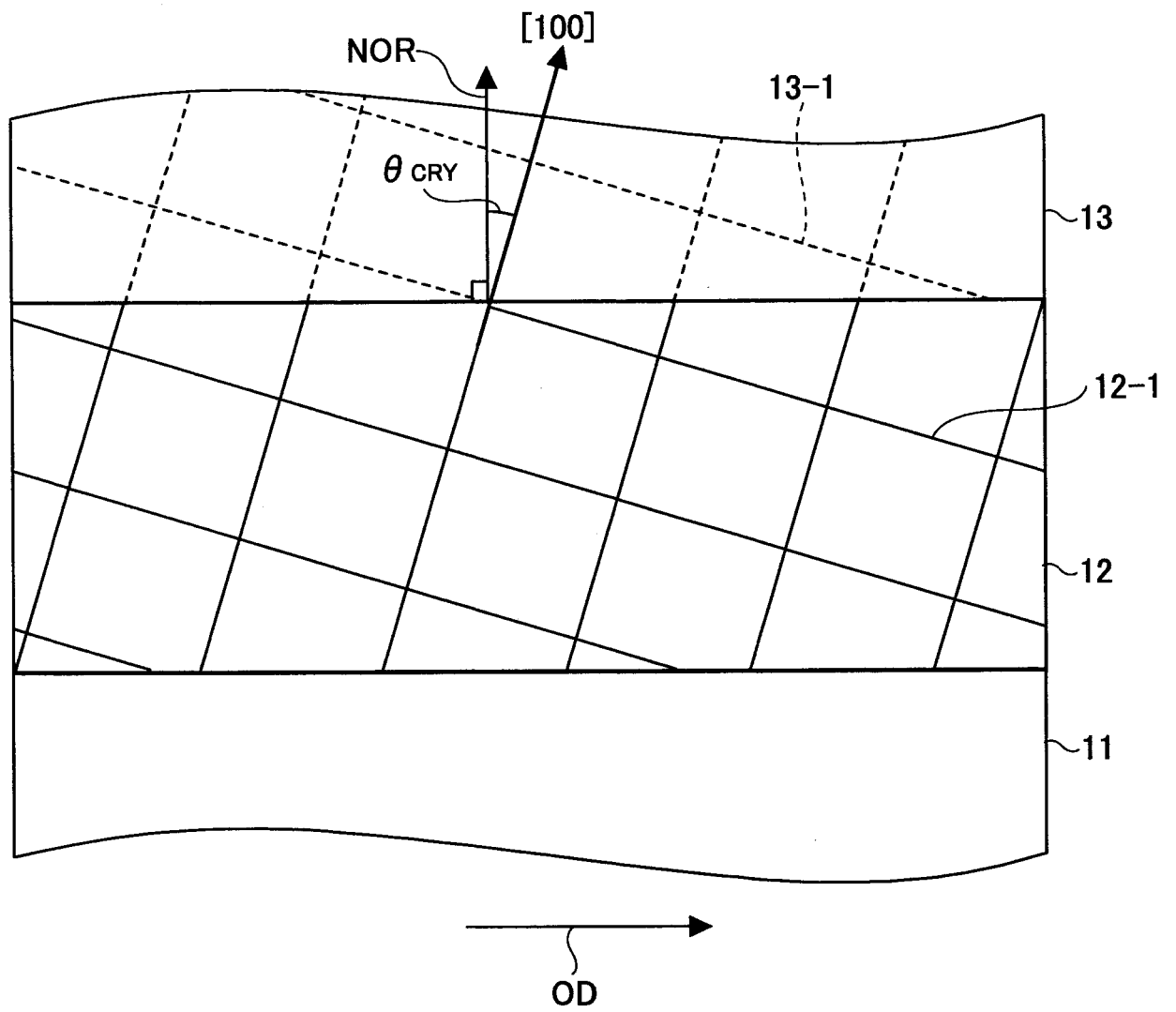
10



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FIG.2



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FIG.3



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FIG.4A

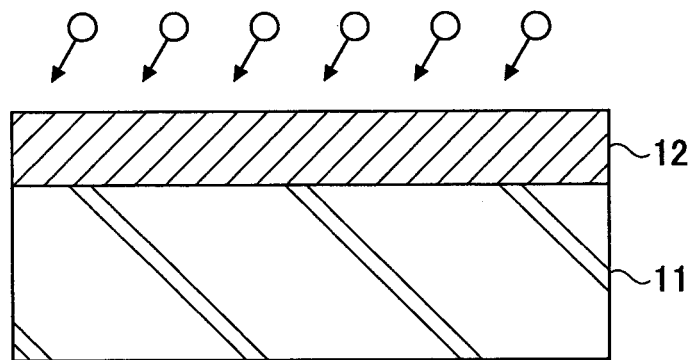


FIG.4B

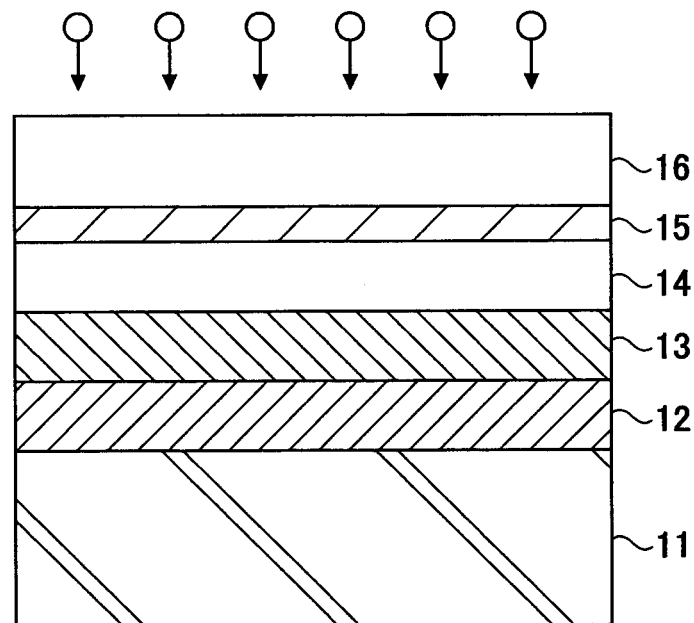
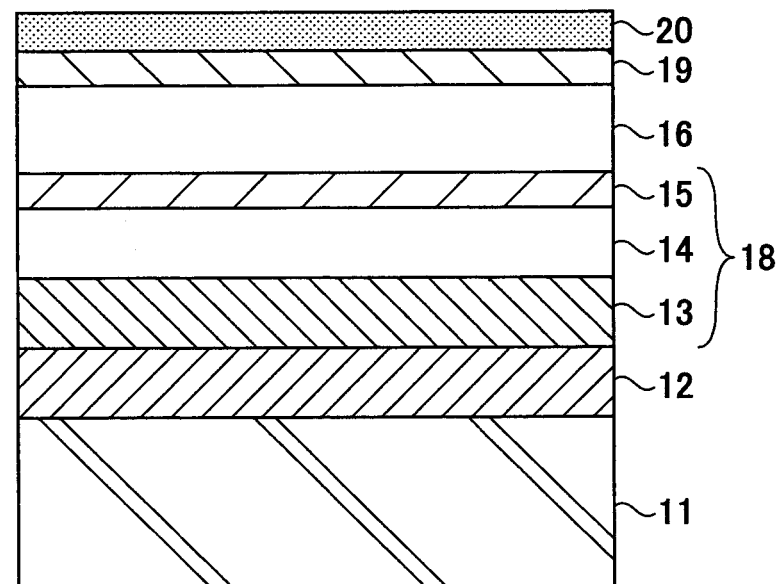
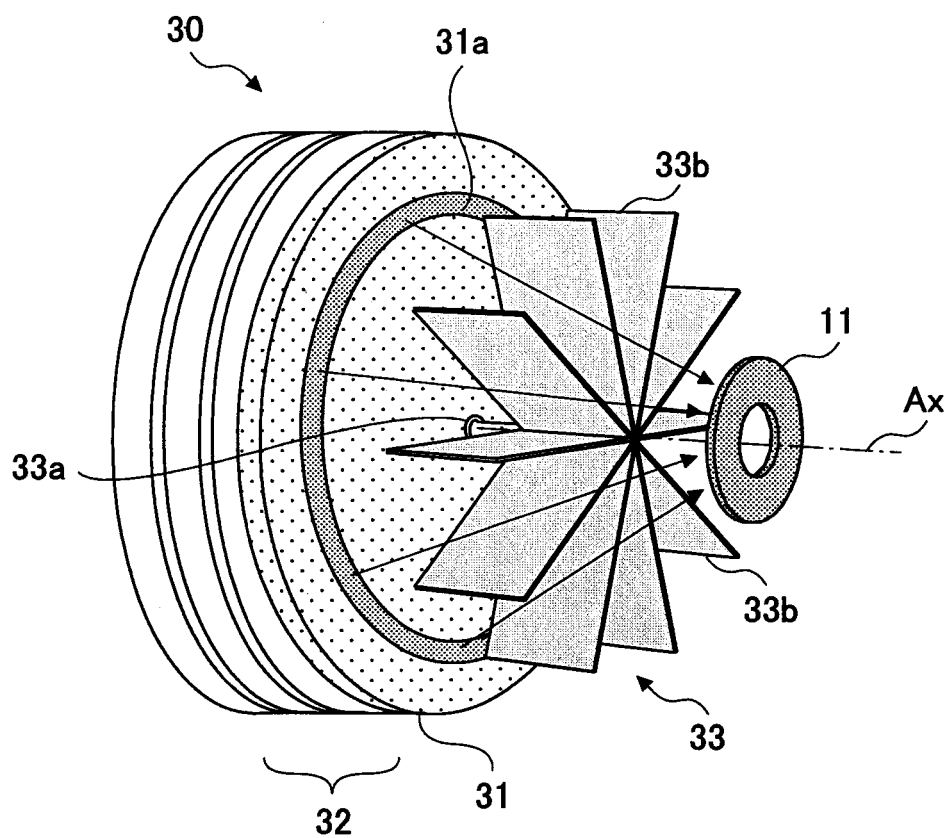


FIG.4C



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FIG. 5



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FIG.6

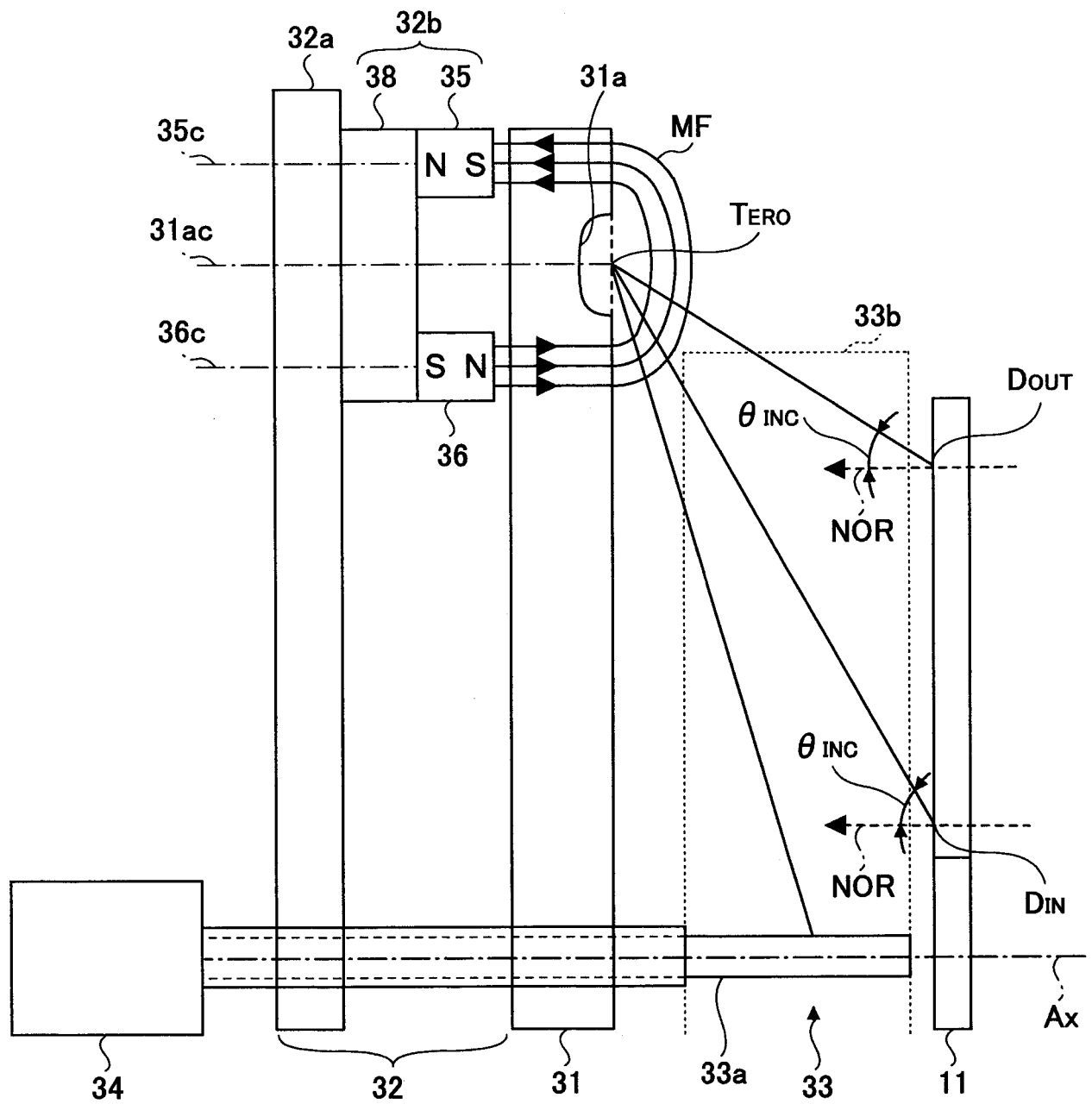


FIG.7

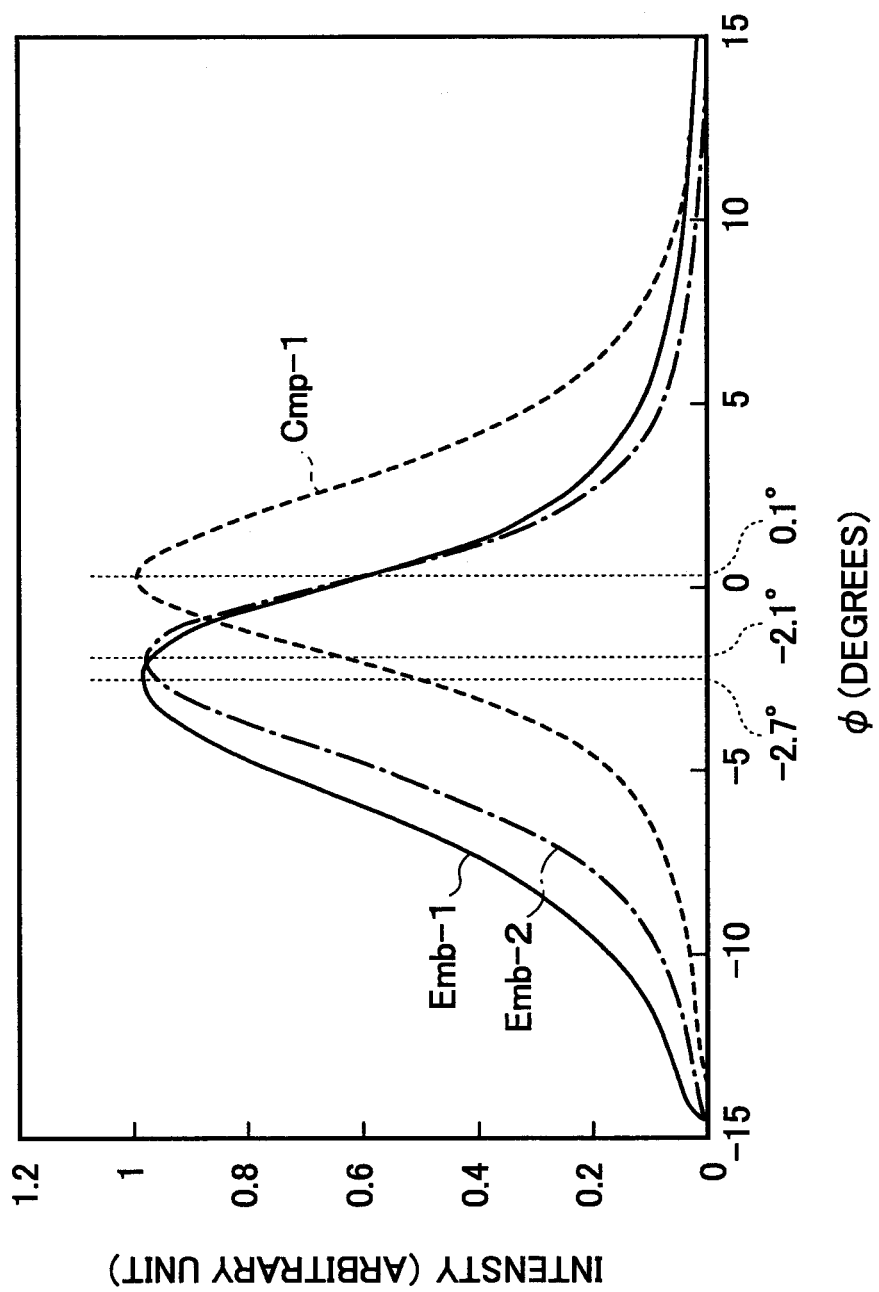


FIG.8

	MEASURED RADIUS (mm)	$\theta_{\text{INC}}(^{\circ})$	$\theta_{\text{GRY}}(^{\circ})$
Emb-1	12	56.3	-3.6
	30	43.0	-2.7
Emb-2	12	51.3	-2.9
	30	38.7	-2.1
Cmp-1	12	0.0	0.1
	30	0.0	0.1

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FIG.9

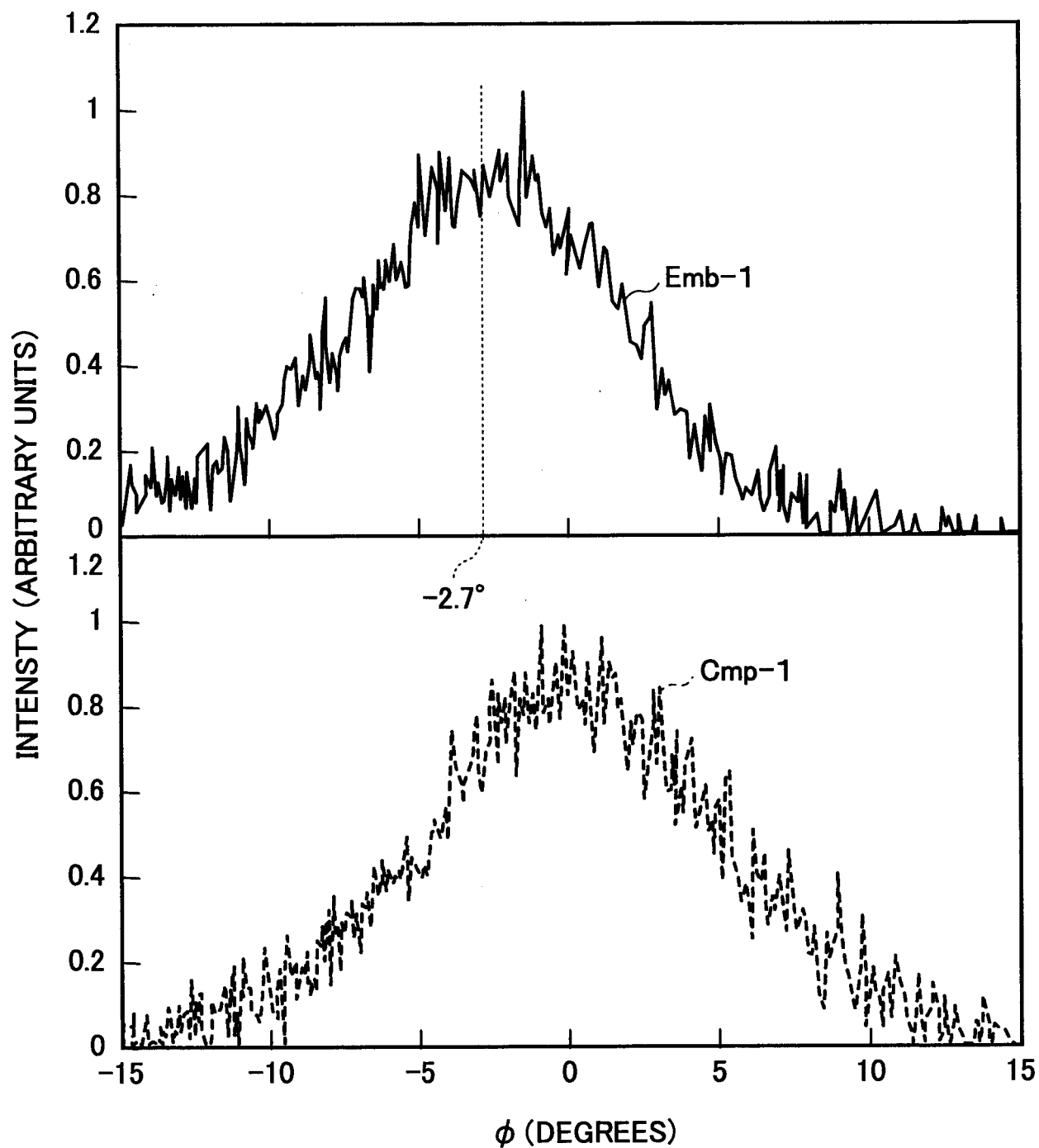


FIG.10

	MEASURED RADIUS (mm)	$\theta_{INC} (^\circ)$	Hcc(kA/m)	Hcc/Hcr	S*
Emb-1	12	56.3	336.5	1.04	0.69
	30	43.0	340.5	1.03	0.71
Emb-2	12	51.3	334.2	1.02	0.68
	30	38.7	335.8	1.01	0.68
Emb-3	12	45.0	325.5	1.02	0.64
	30	34.0	320.0	1.00	0.63
Cmp-1	12	0.0	296.3	1.00	0.59
	30	0.0	291.9	1.00	0.58

FIG.11A

	MEASURED RADIUS (mm)	ISOLATED WAVE OUTPUT (μ Vp-p)	RESOLUTION (%)	SNR (dB)
Emb-1	30	600	50.5	11.3
Emb-2	30	593	50.2	11.1
Cmp-1	30	547	47.0	9.9

FIG.11B

	MEASURED RADIUS (mm)	ISOLATED WAVE OUTPUT (μ Vp-p)	RESOLUTION (%)	SNR (dB)
Emb-1	16	641	44.0	11.5
Emb-2	16	625	42.5	11.2
Cmp-1	16	601	39.0	10.1

FIG.12

	MEASURED RADIUS (mm)	$\theta_{INC} (^\circ)$	Hcc(kA/m)	Hcc/Hcr	S*
Emb-4	12	56.3	342.9	1.11	0.71
	30	43.0	344.4	1.10	0.72
Emb-5	12	51.3	339.7	1.10	0.72
	30	38.7	337.3	1.09	0.70
Emb-6	12	45.0	336.5	1.10	0.69
	30	34.0	322.3	1.07	0.66
Cmp-2	12	0.0	296.3	1.08	0.66
	30	0.0	291.9	1.08	0.65

FIG.13A

	MEASURED RADIUS (mm)	ISOLATED WAVE OUTPUT (μ Vp-p)	RESOLUTION (%)	SNR (dB)
Emb-4	30	707	49.2	11.9
Emb-5	30	707	48.7	11.8
Cmp-2	30	651	47.6	11.4

FIG.13B

	MEASURED RADIUS (mm)	ISOLATED WAVE OUTPUT (μ Vp-p)	RESOLUTION (%)	SNR (dB)
Emb-4	16	793	46.8	13.0
Emb-5	16	796	45.7	12.8
Cmp-2	16	722	42.1	12.0

FIG.14

