

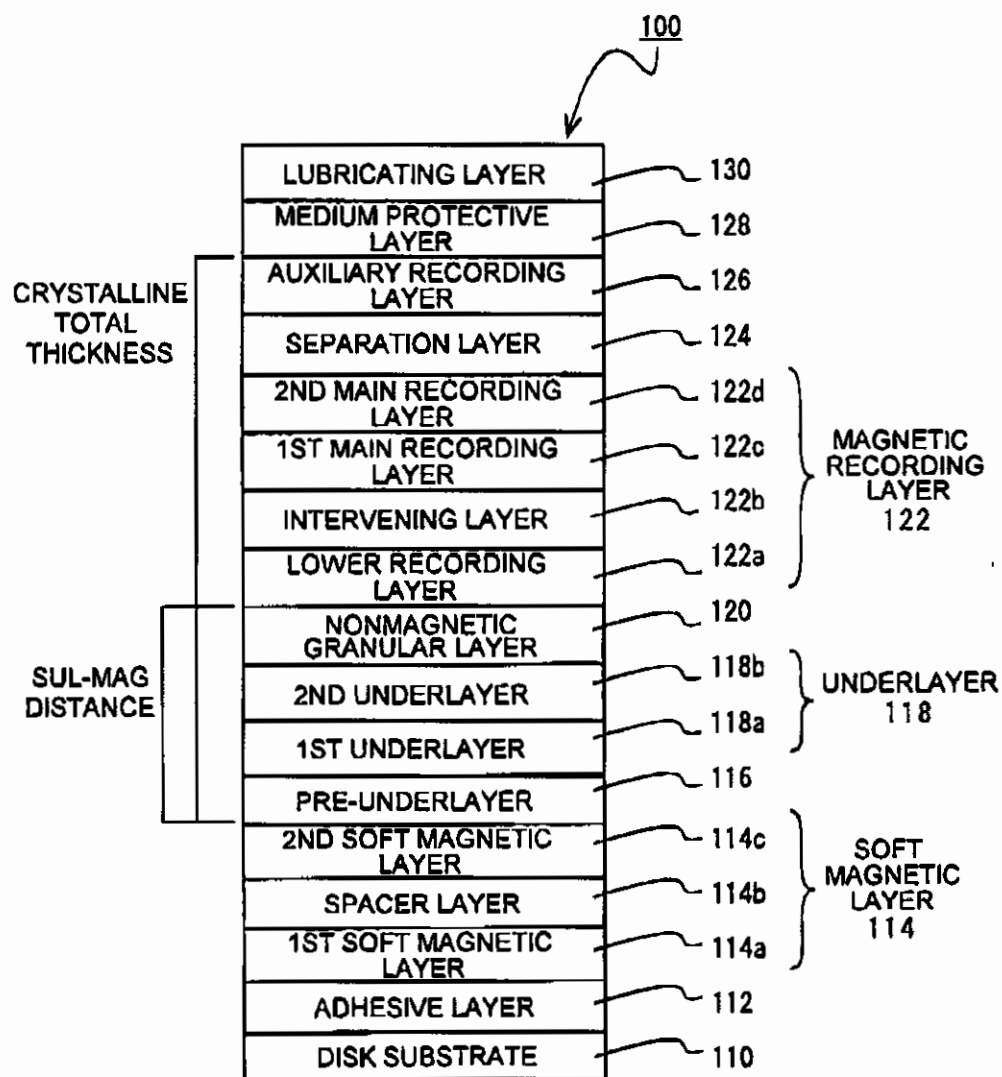


FIG. 1

SOFT MAGNETIC LAYER/PRE-UNDERLAYER INTERFACE ROUGHNESS [nm]	THICKNESS OF PRE-UNDERLAYER [nm]	THICKNESS OF UNDER LAYER [nm]	THICKNESS OF MAGNETIC RECORDING LAYER [nm]	THICKNESS OF AUXILIARY RECORDING LAYER [nm]	TOTAL THICKNESS [nm]	ROUGHNESS OF MEDIUM [nm]	SNR [dB]
1.2	10	30	15	10	65	1.8	17.2
0.7	7	25	12	7	51	1.5	17.5
0.6	7	25	14	7	53	1.5	17.4
0.7	8	30	15	8	61	1.6	17.6
0.5	7	25	12	7	51	1.4	17.6
0.6	10	25	13	7	55	1.5	17.8
0.6	7	20	14	8	49	1.4	18
0.5	8	30	15	7	60	1.3	18.3
0.5	7	25	15	8	55	1.2	18.4
0.5	7	25	14	7	53	1.2	18.5
0.5	10	30	15	9	64	1.1	18.5
0.4	10	25	15	7	57	1	18.9
0.4	7	20	15	7	49	0.9	19.1

FIG. 2A

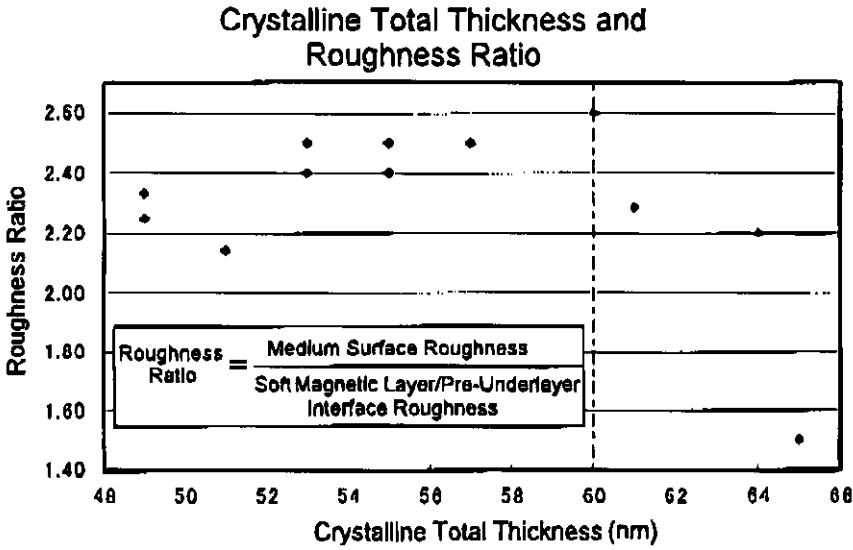


FIG. 2B

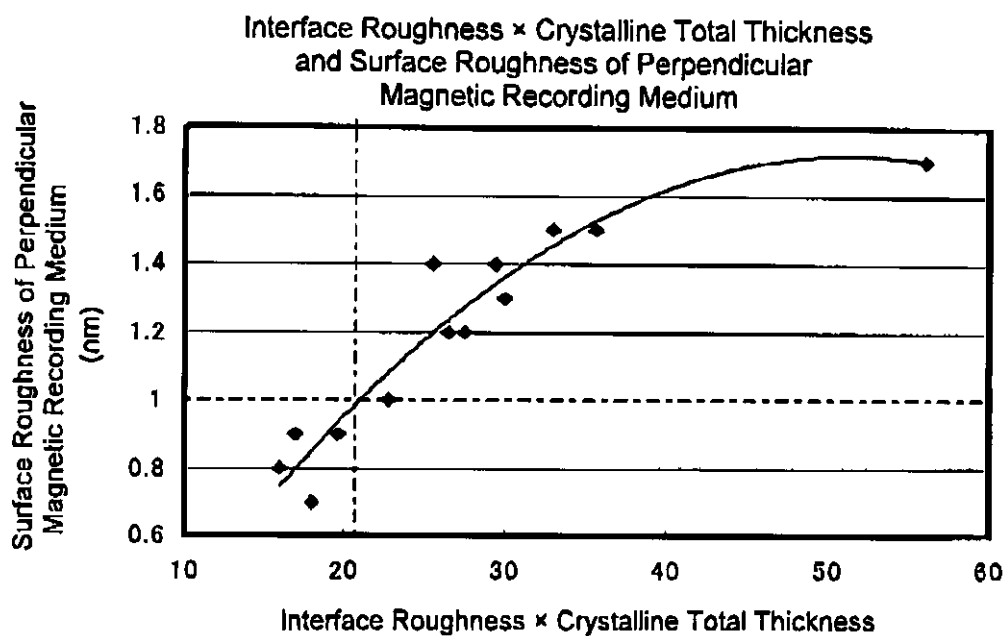


FIG. 3A

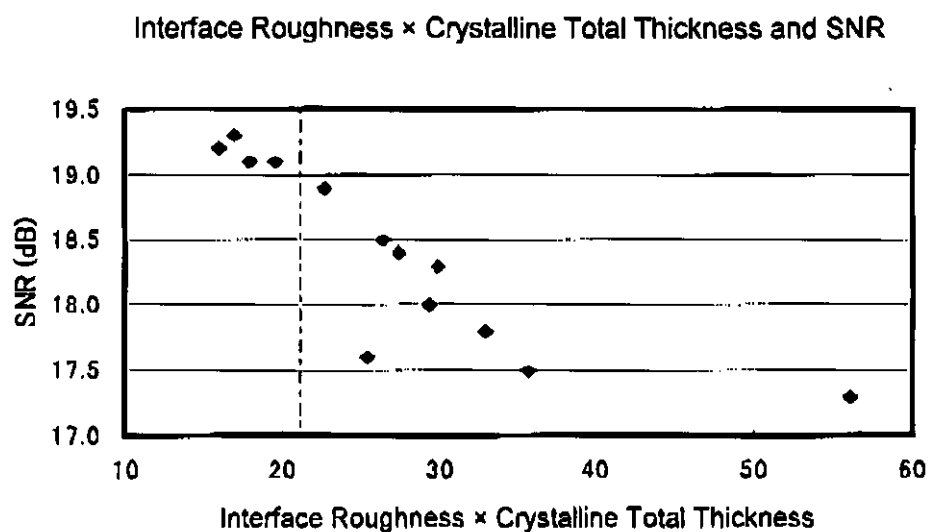


FIG. 3B

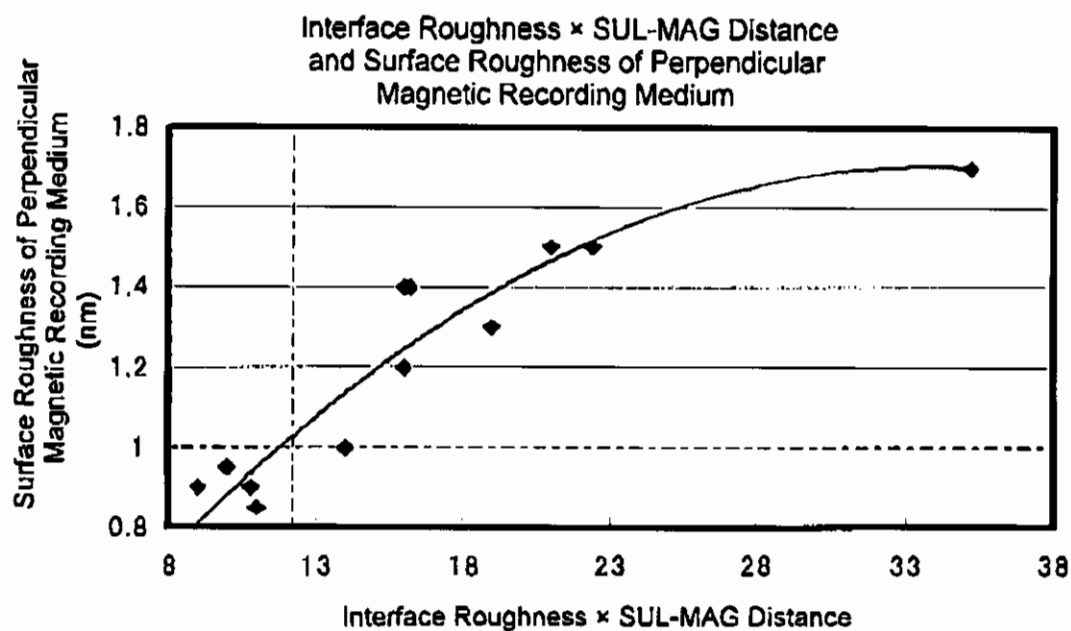


FIG. 4A

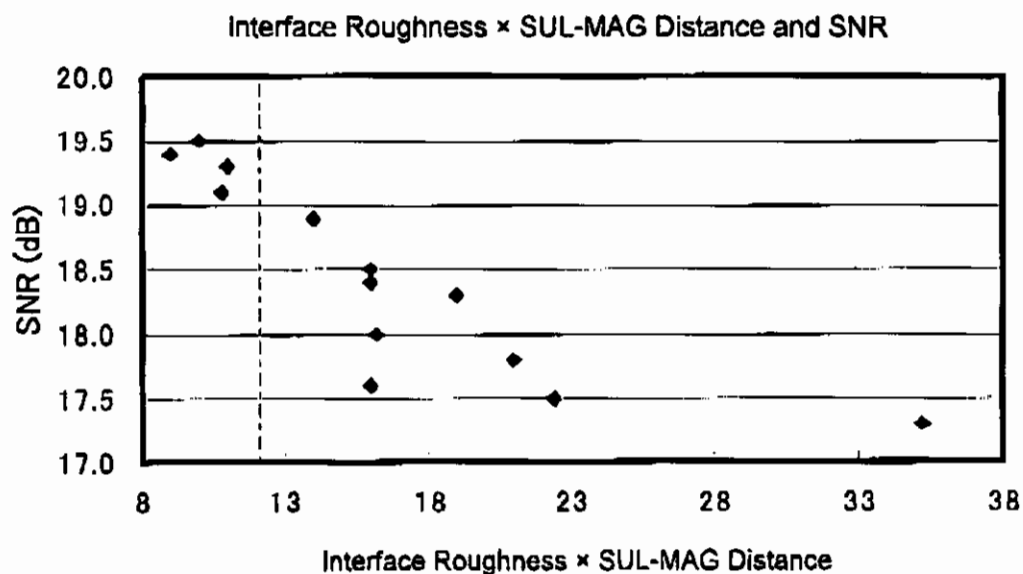


FIG. 4B