

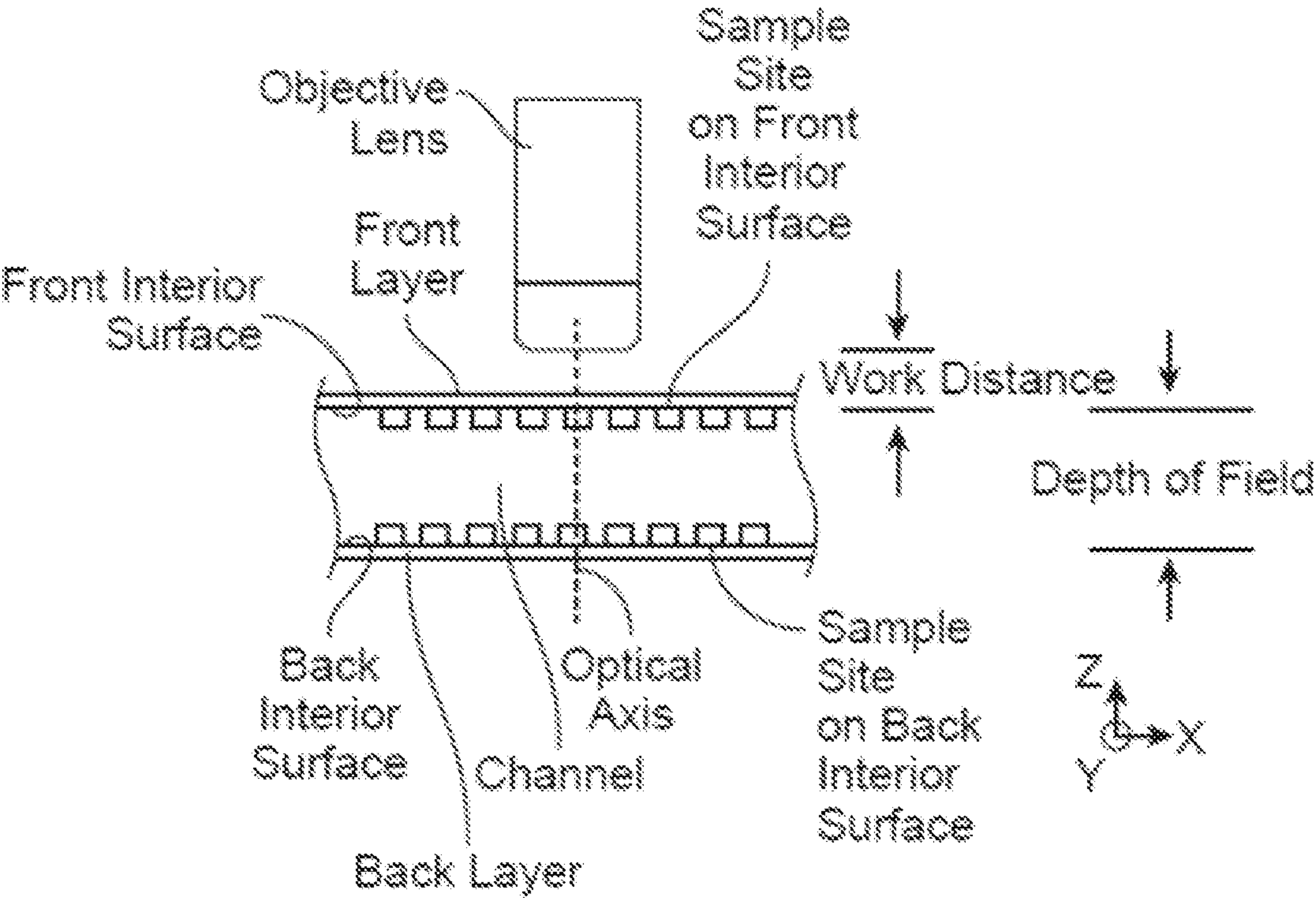


FIG. 1A

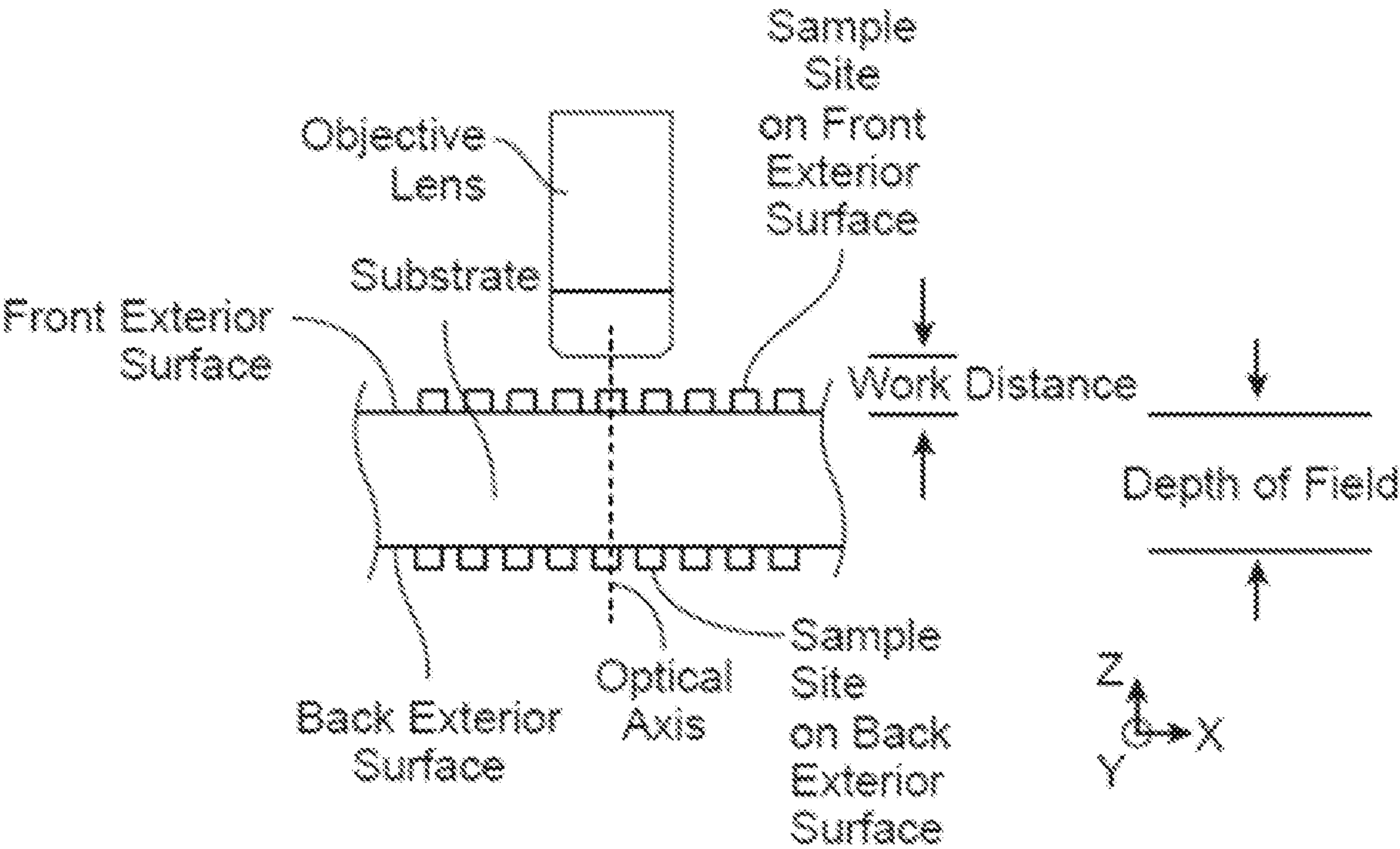


FIG. 1B

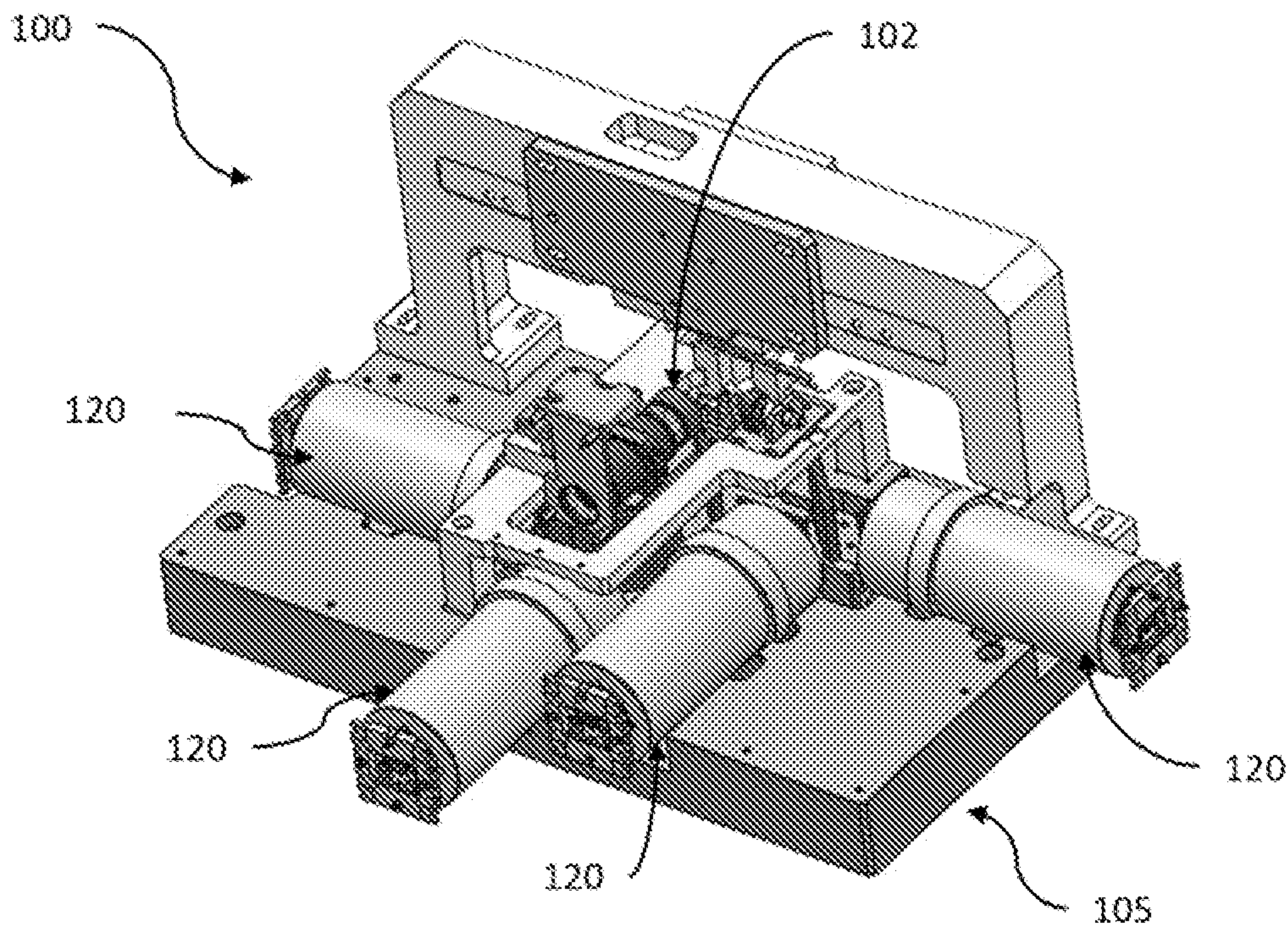


FIG. 2A

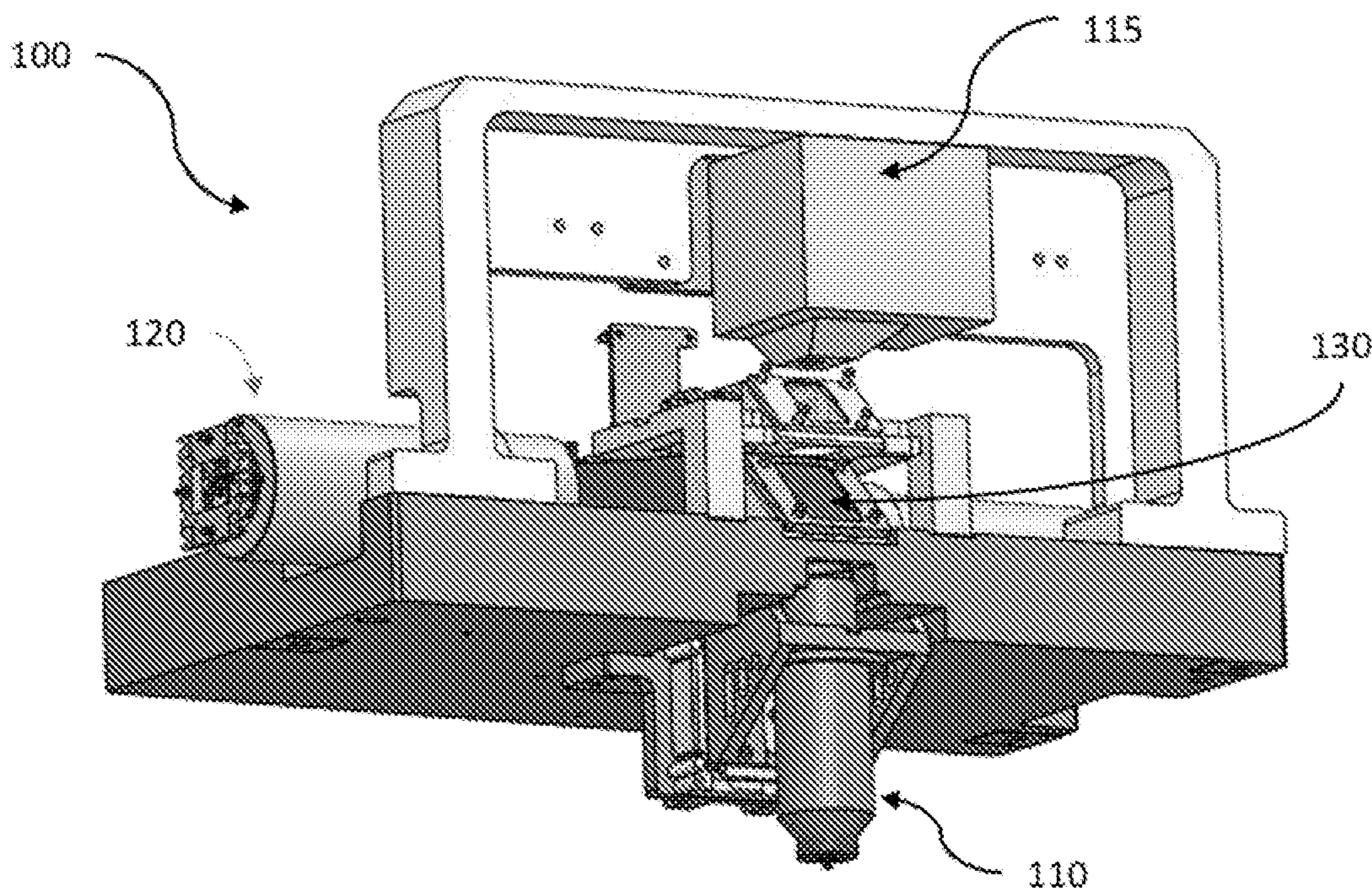


FIG. 2B

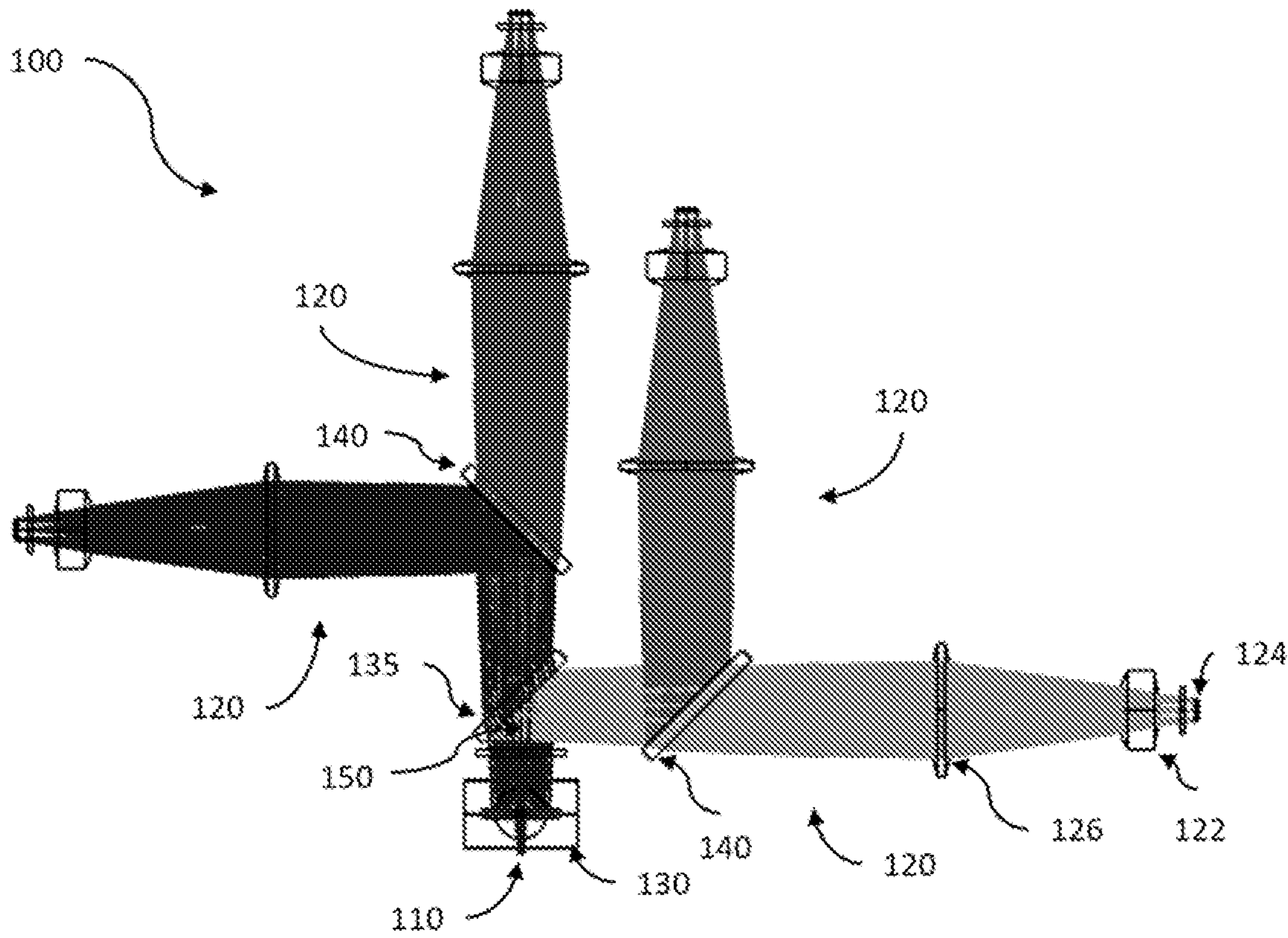


FIG. 3A

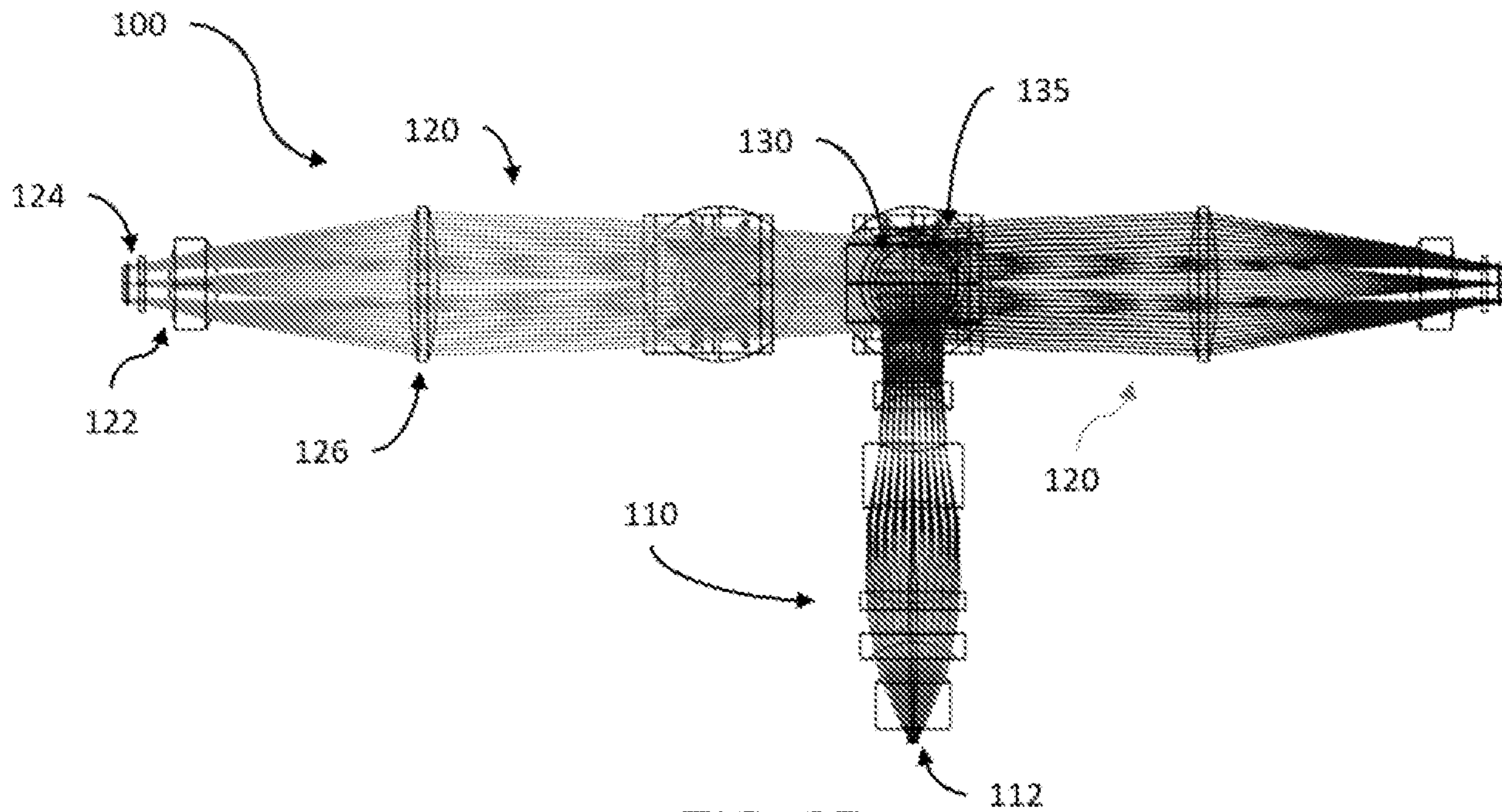


FIG. 3B

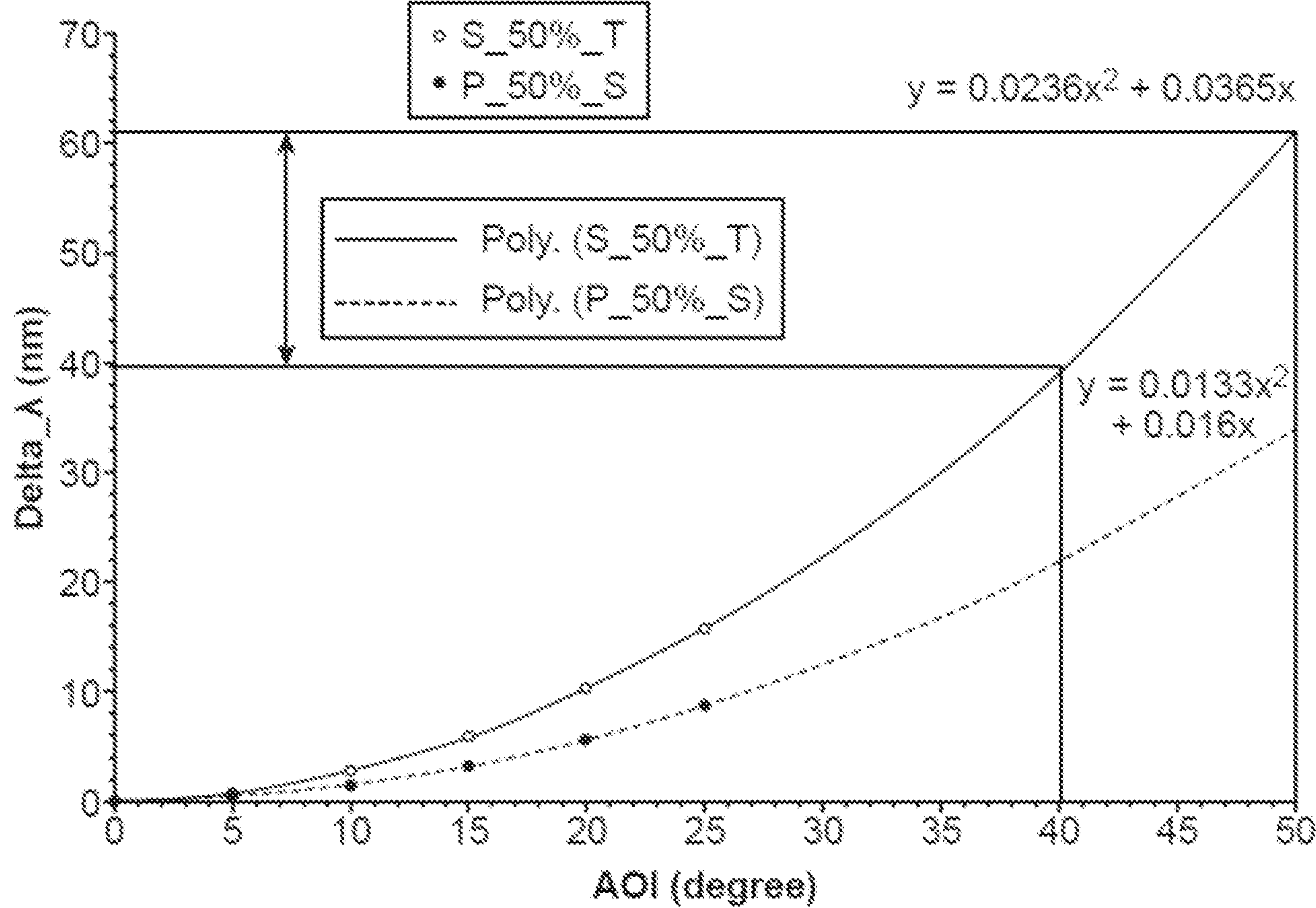


FIG. 4

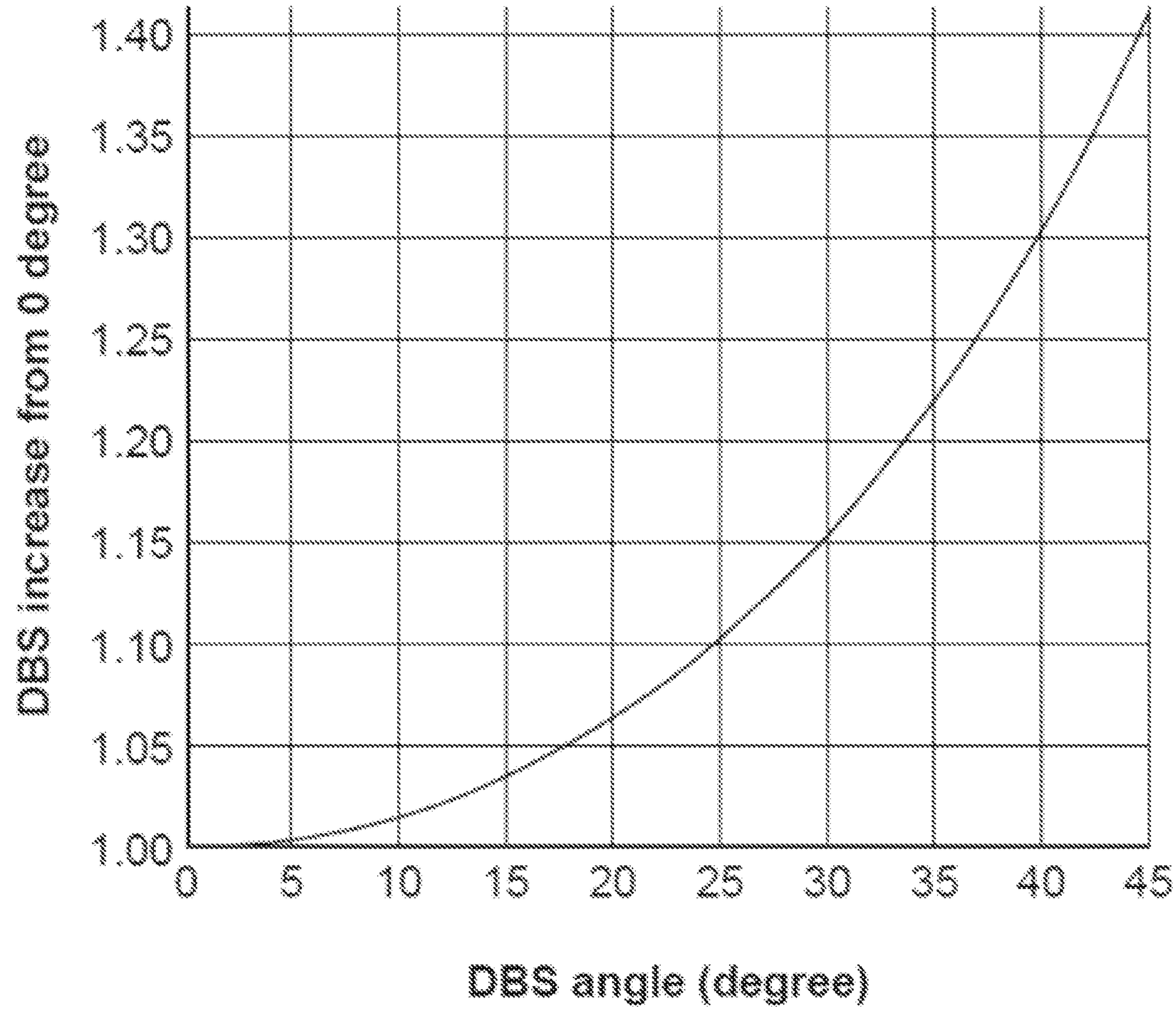


FIG. 5

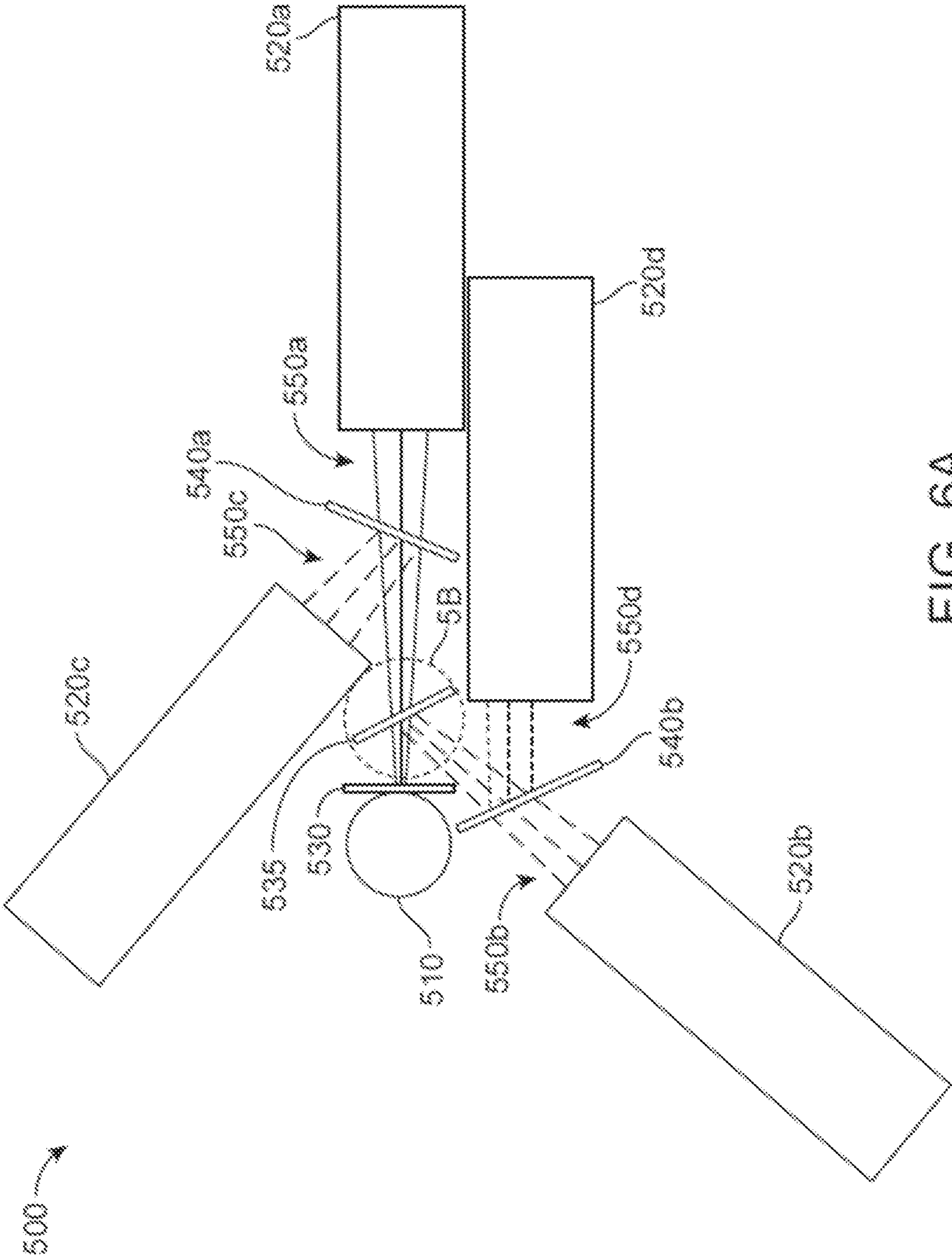


FIG. 6A

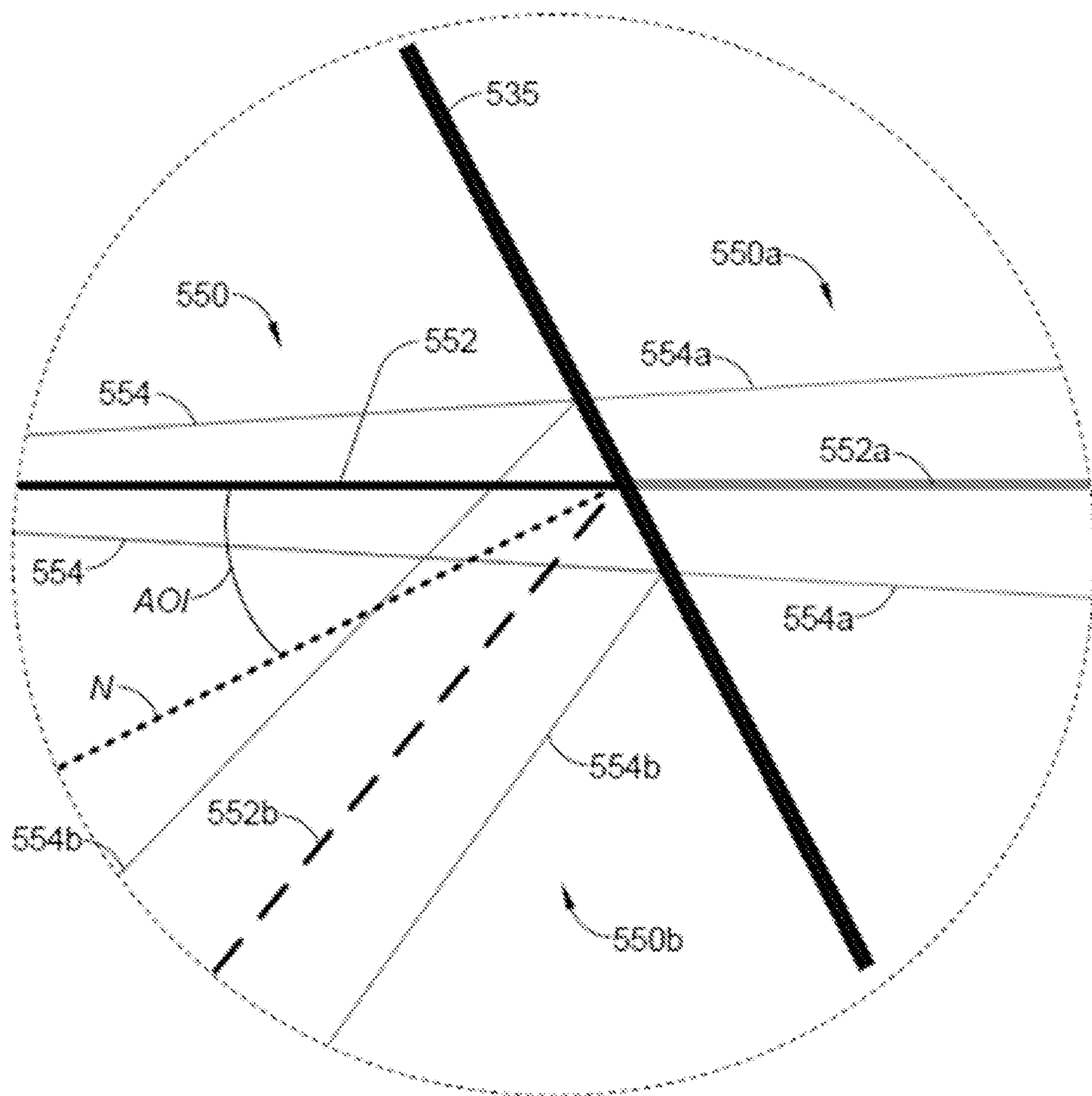


FIG. 6B

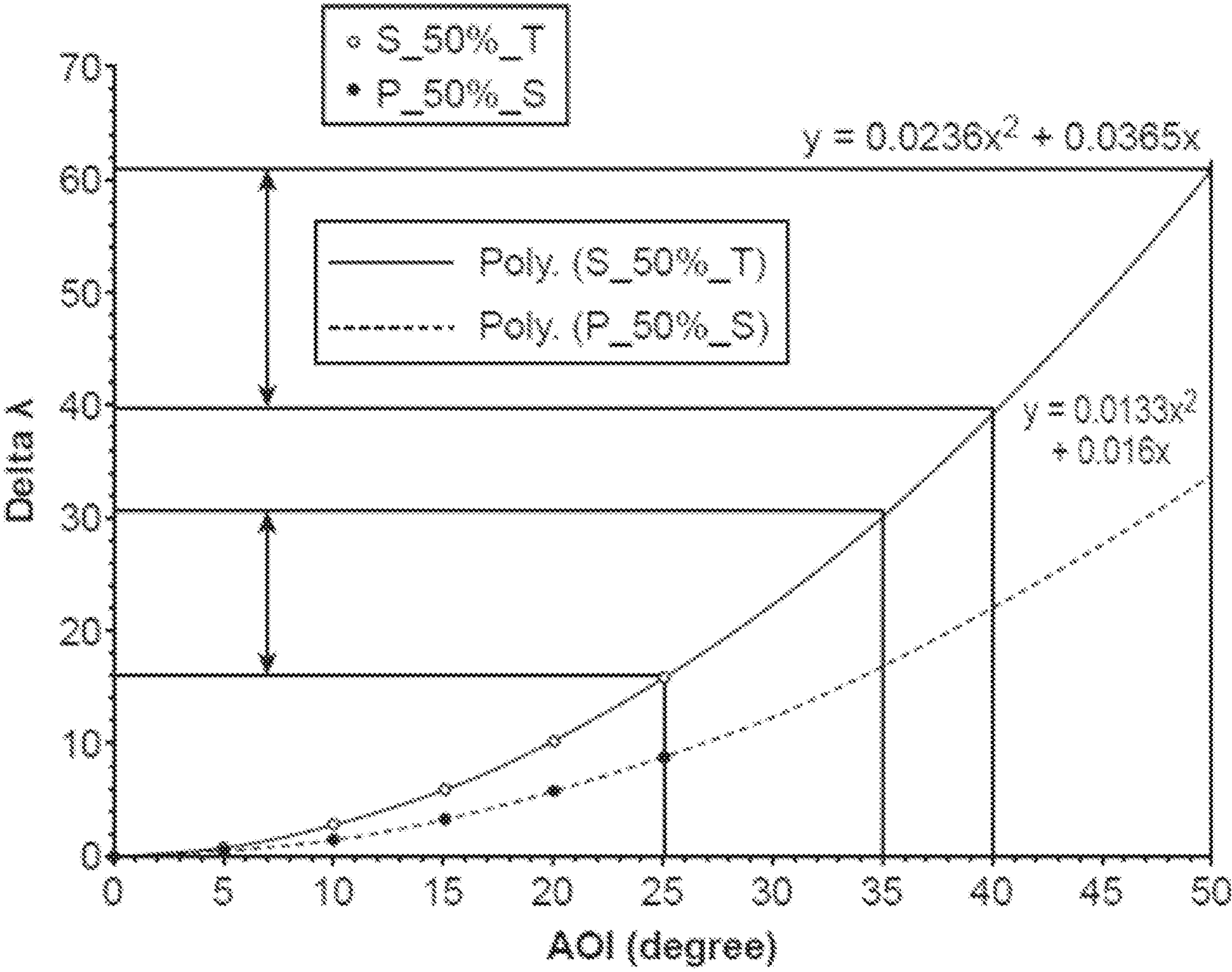


FIG. 7

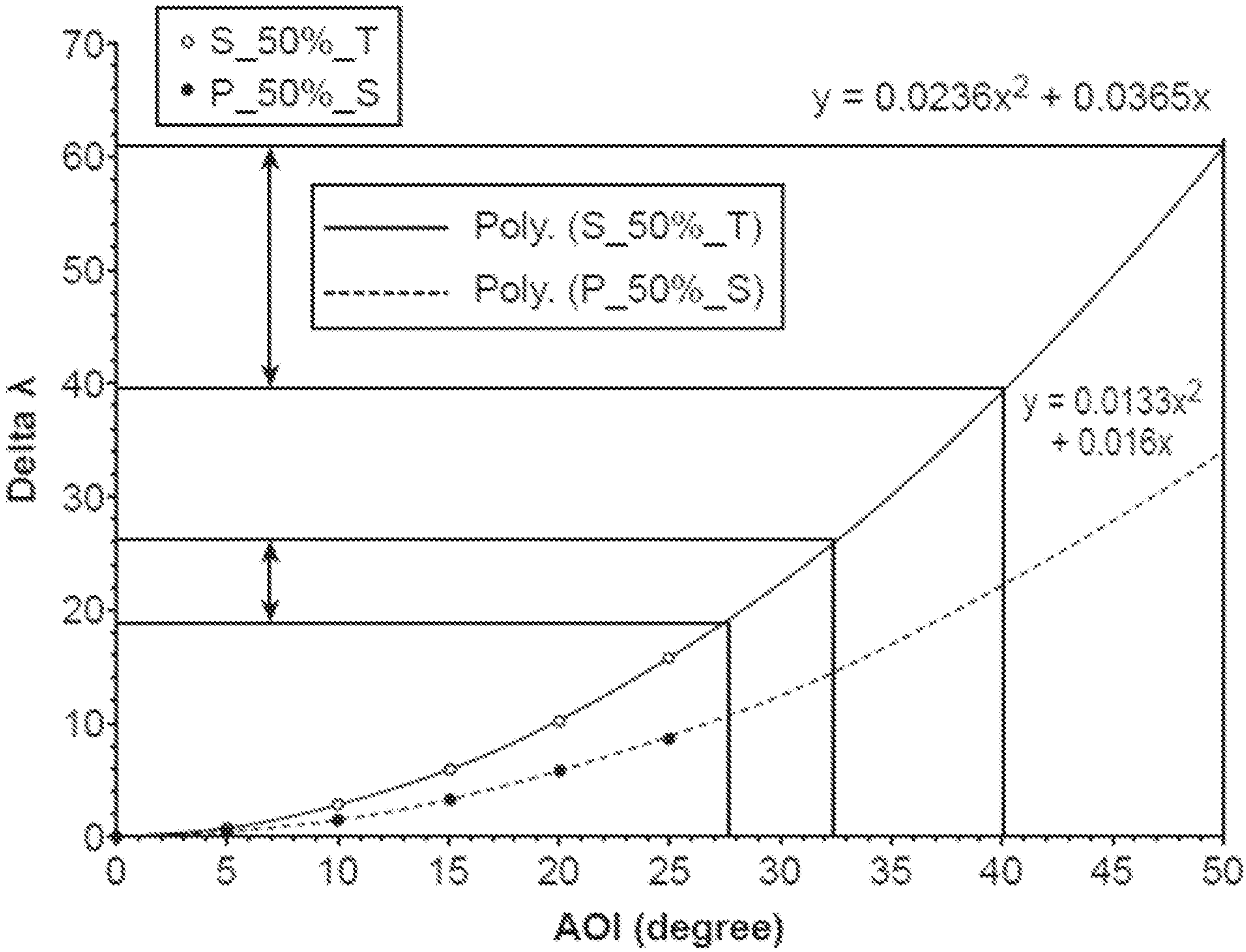


FIG. 8

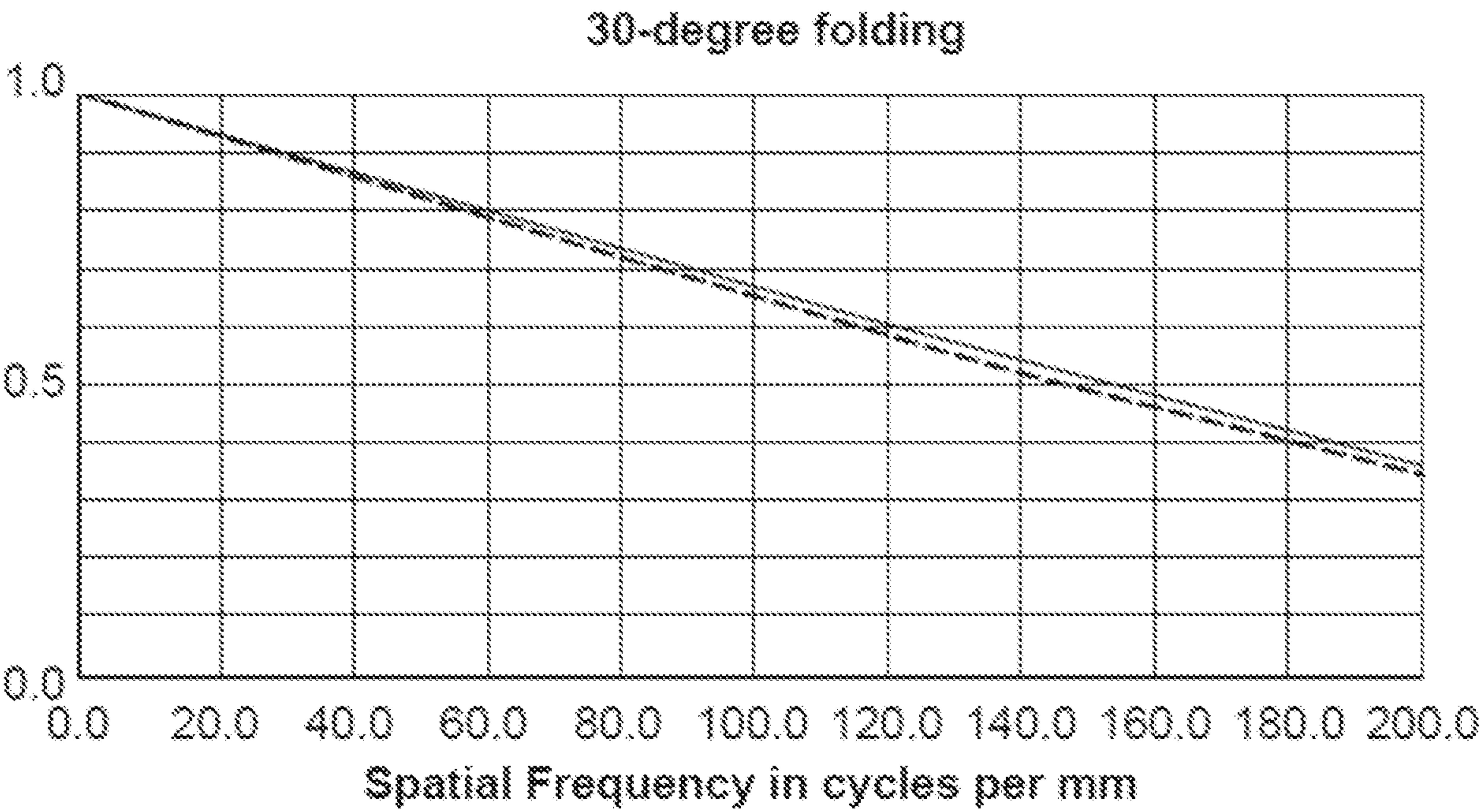
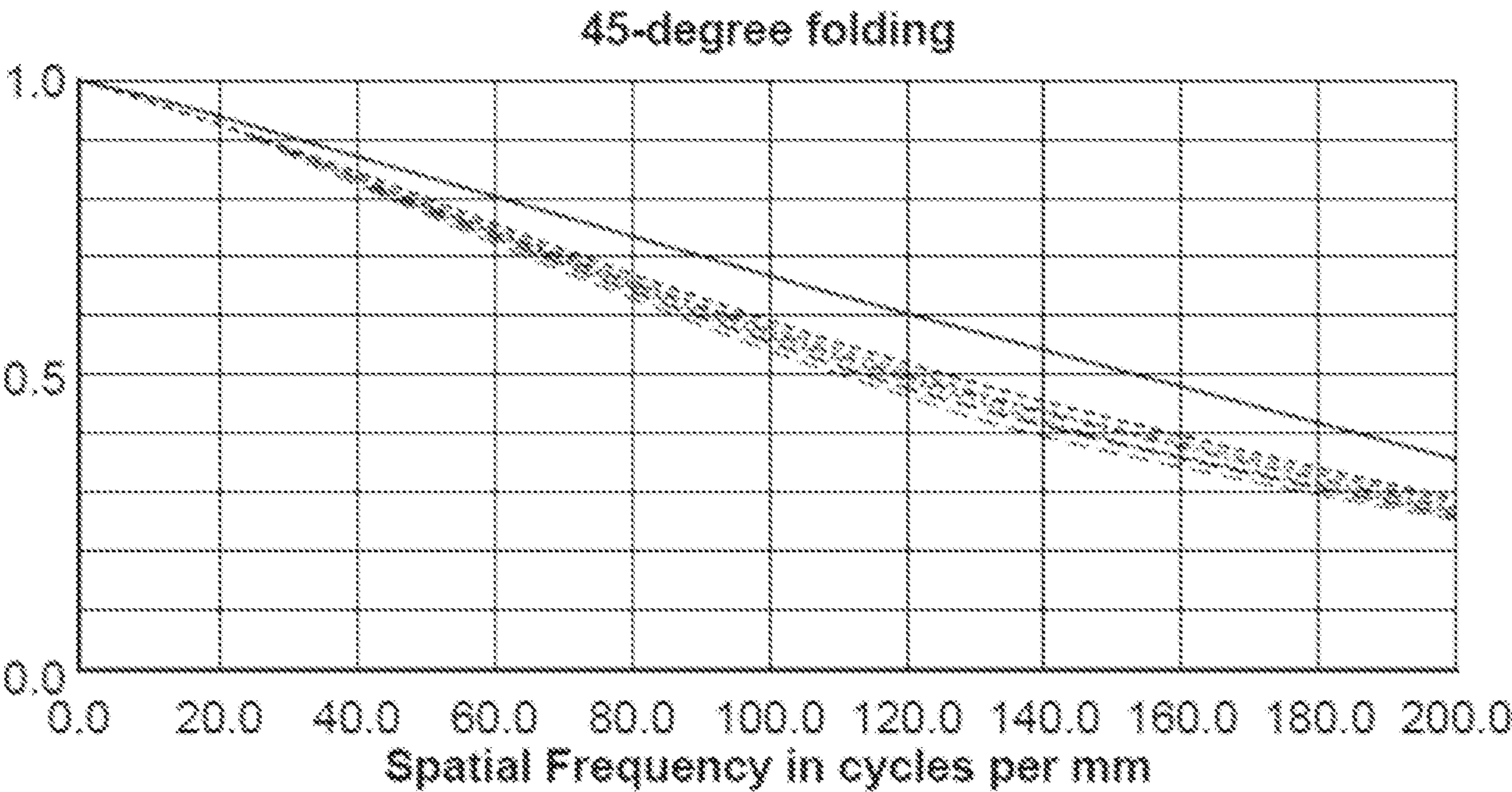


FIG. 9A

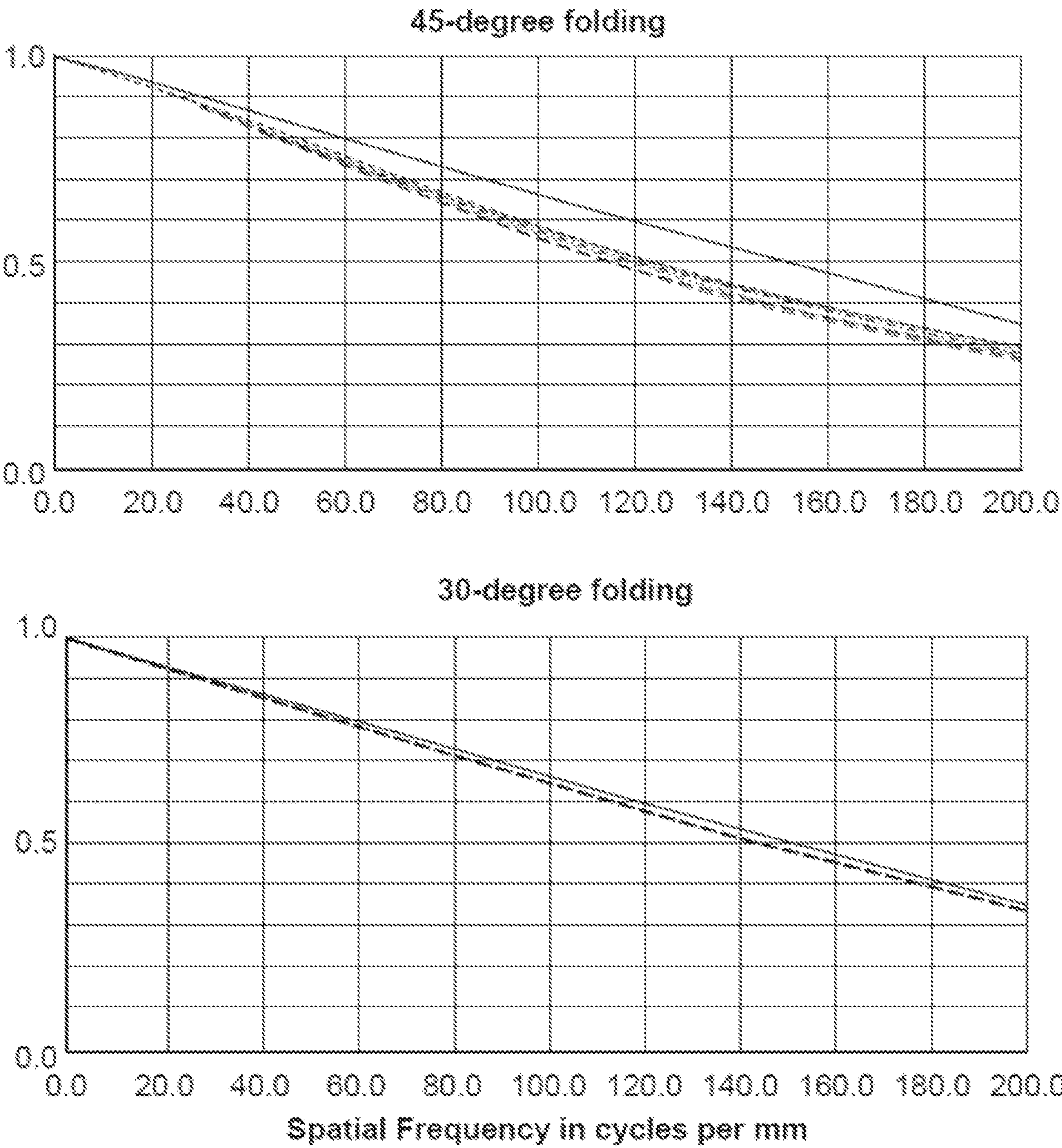


FIG. 9B

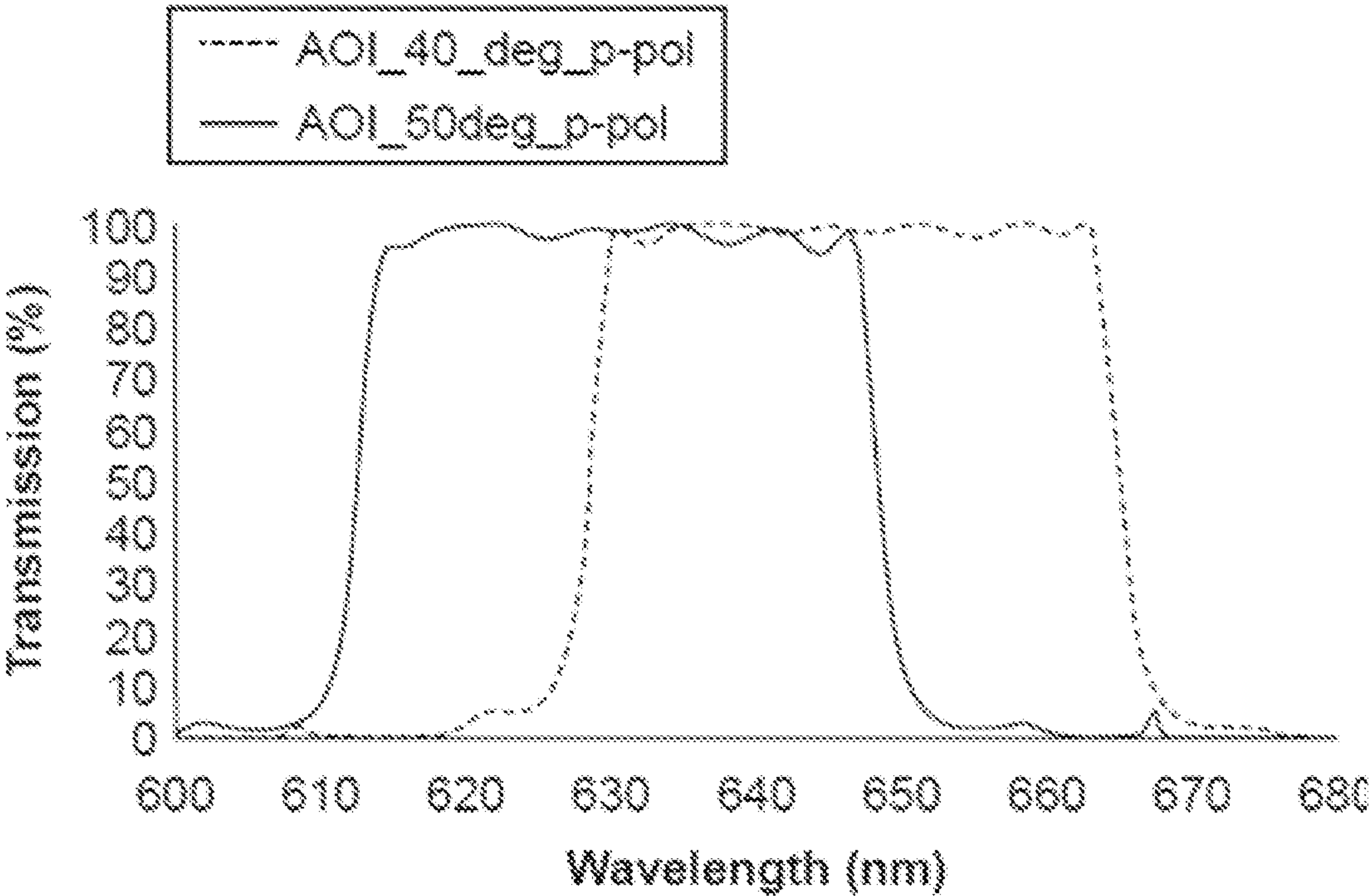


FIG. 10A

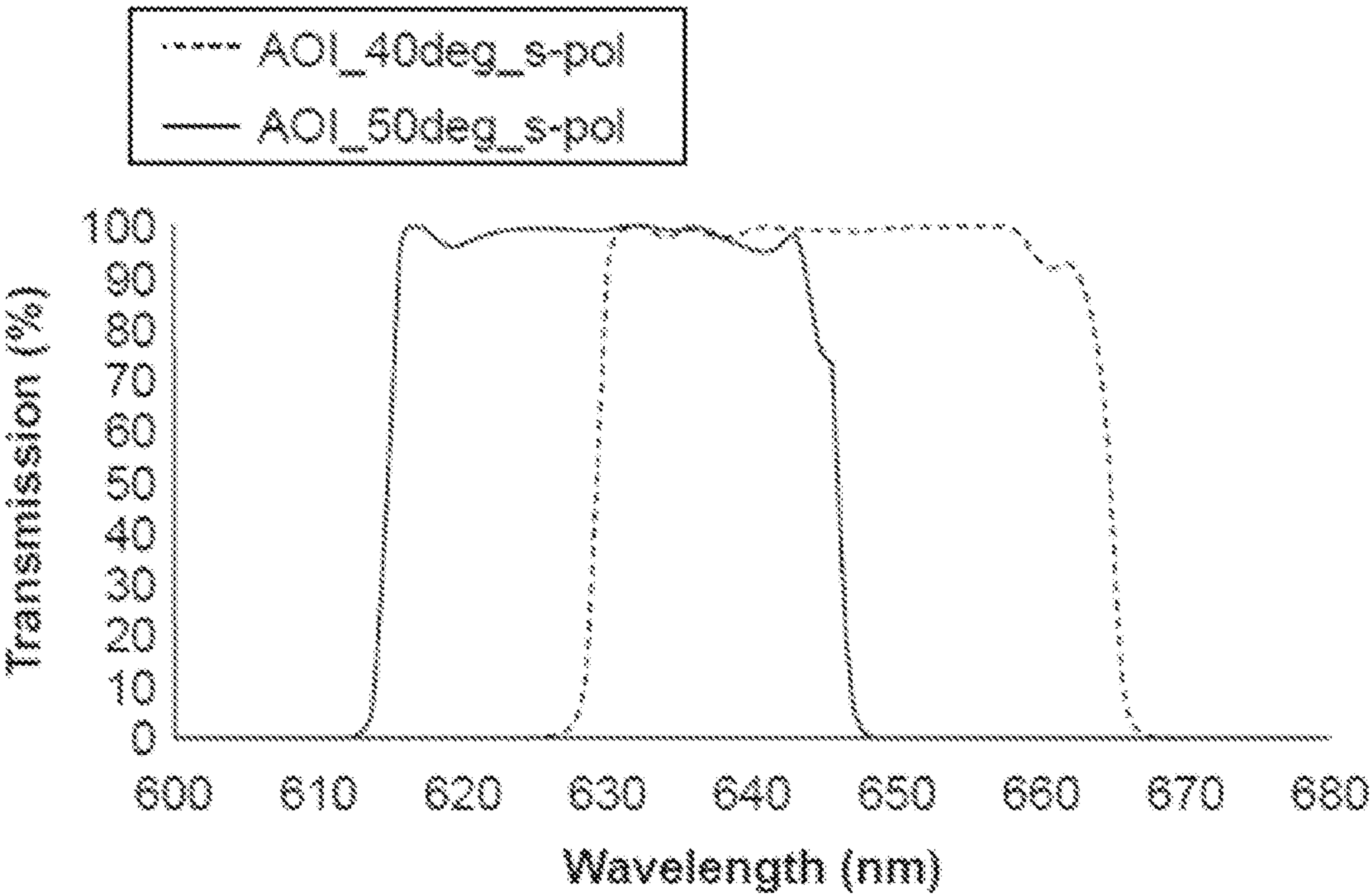


FIG. 10B

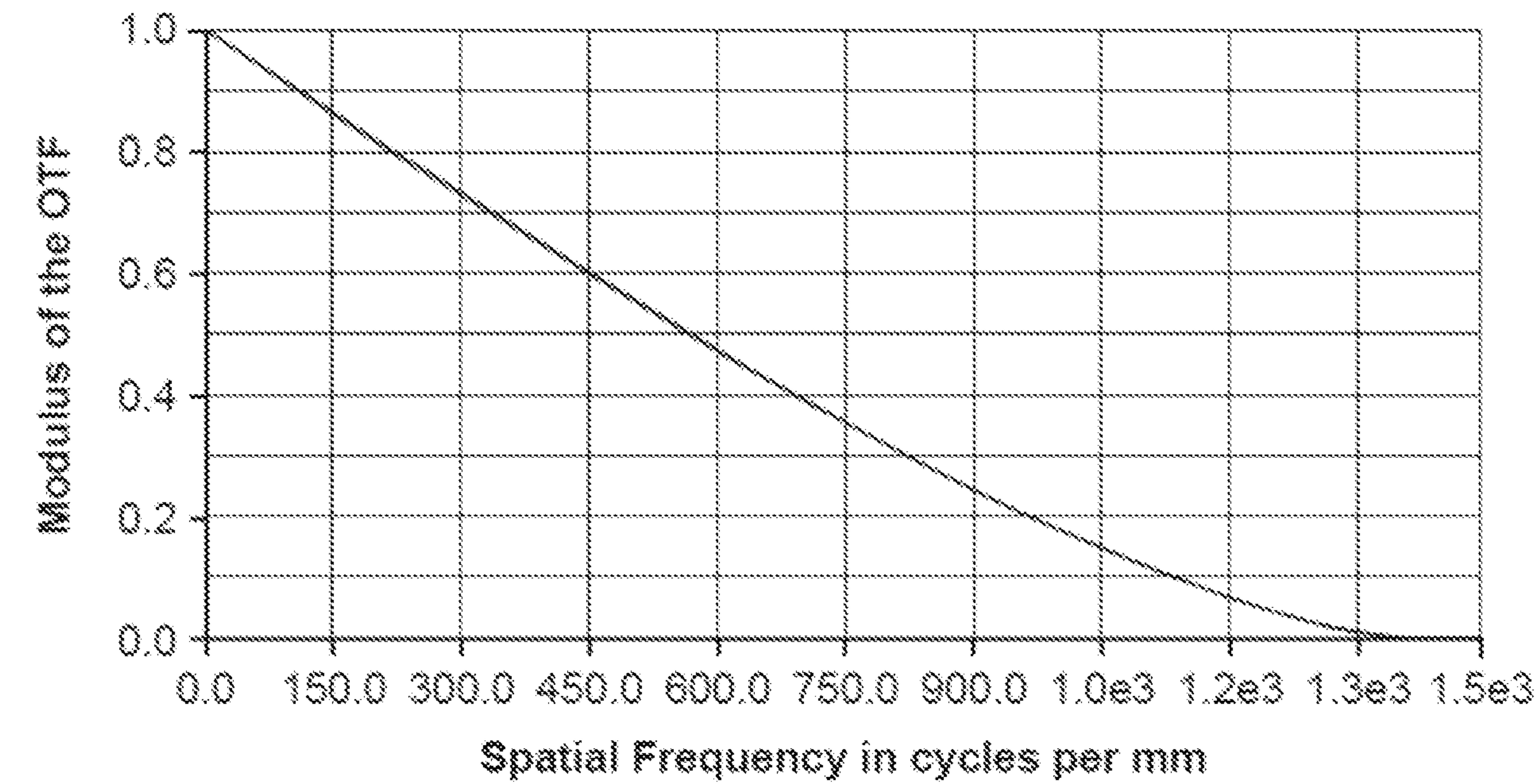


FIG. 11A

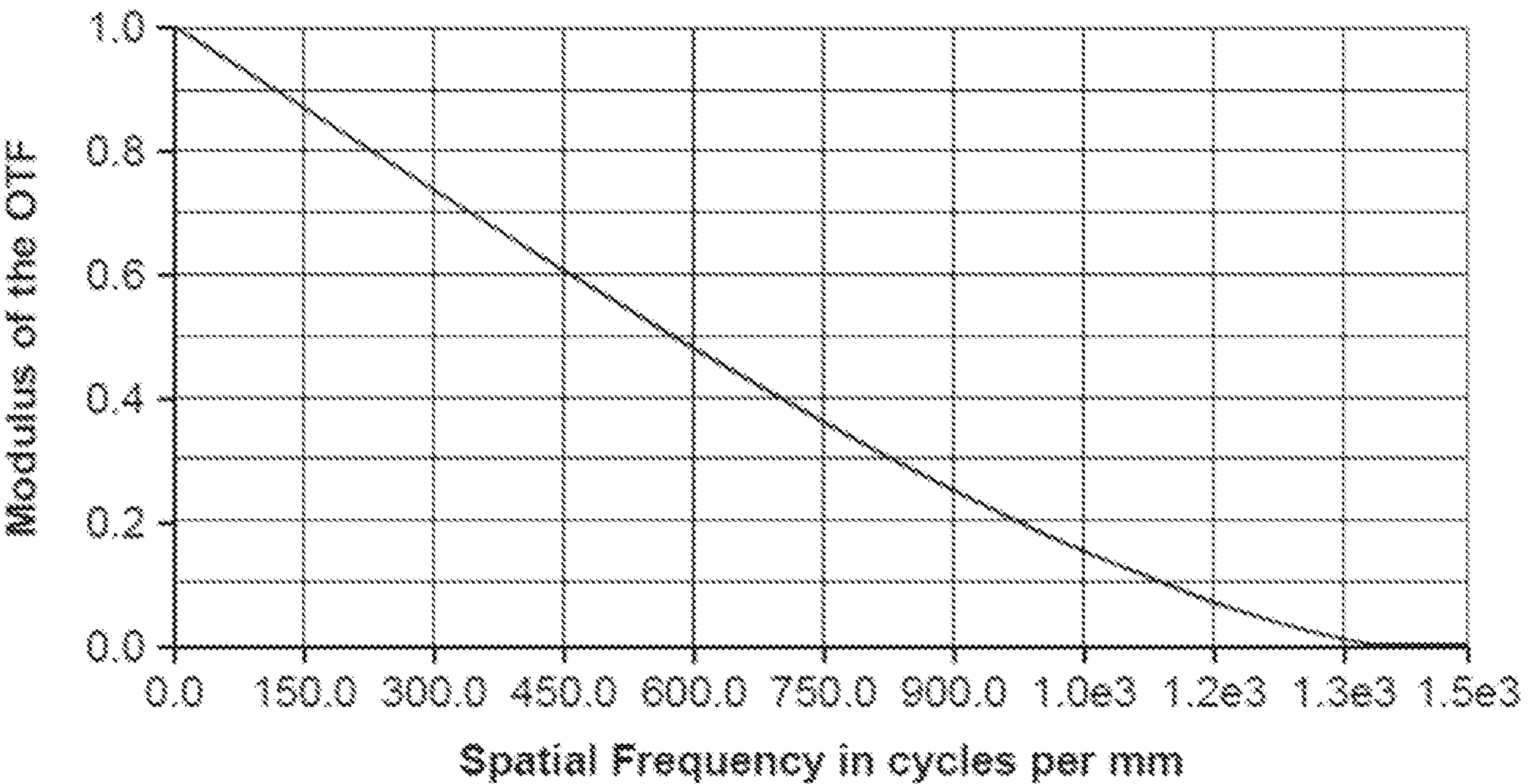


FIG. 11B

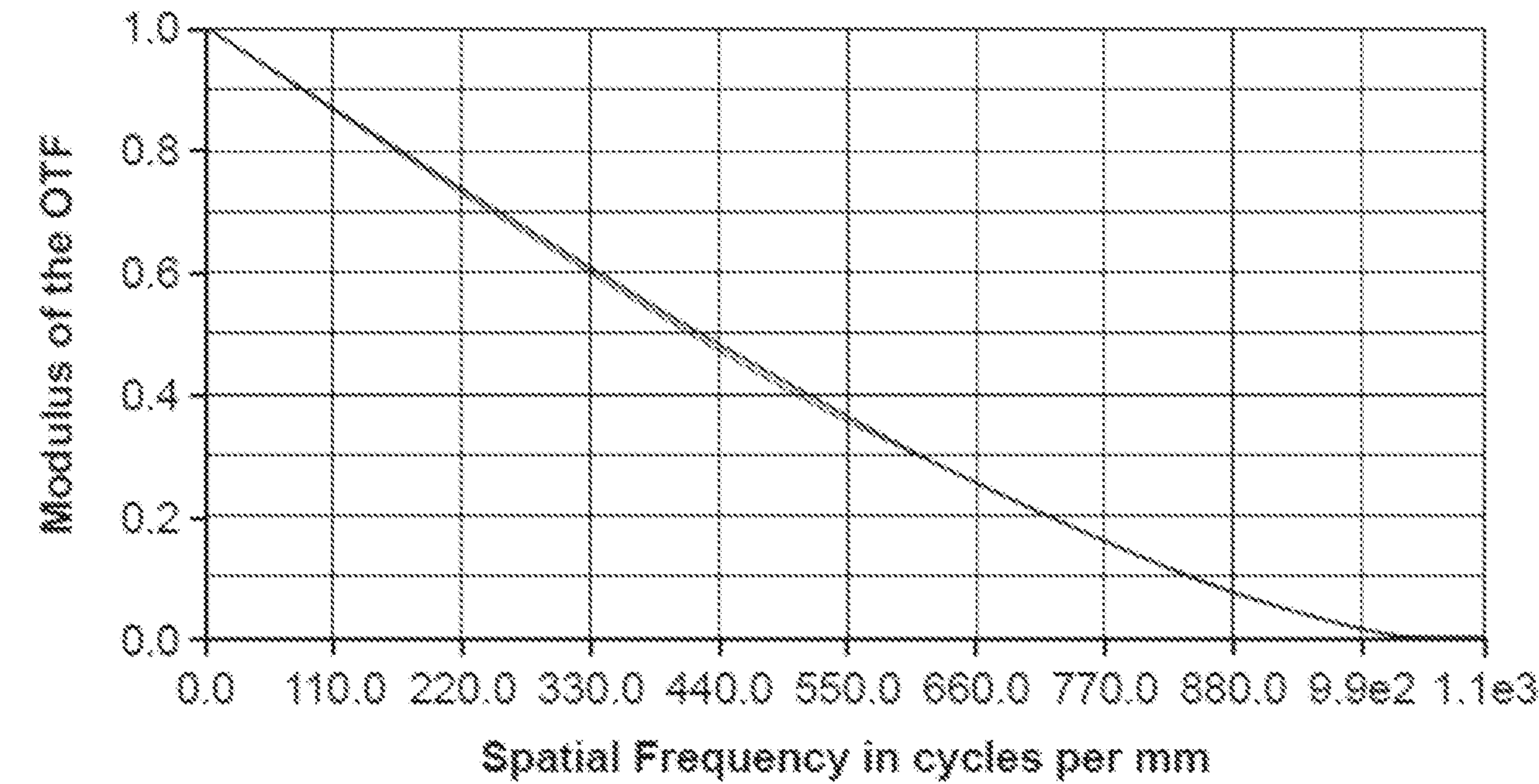


FIG. 12A

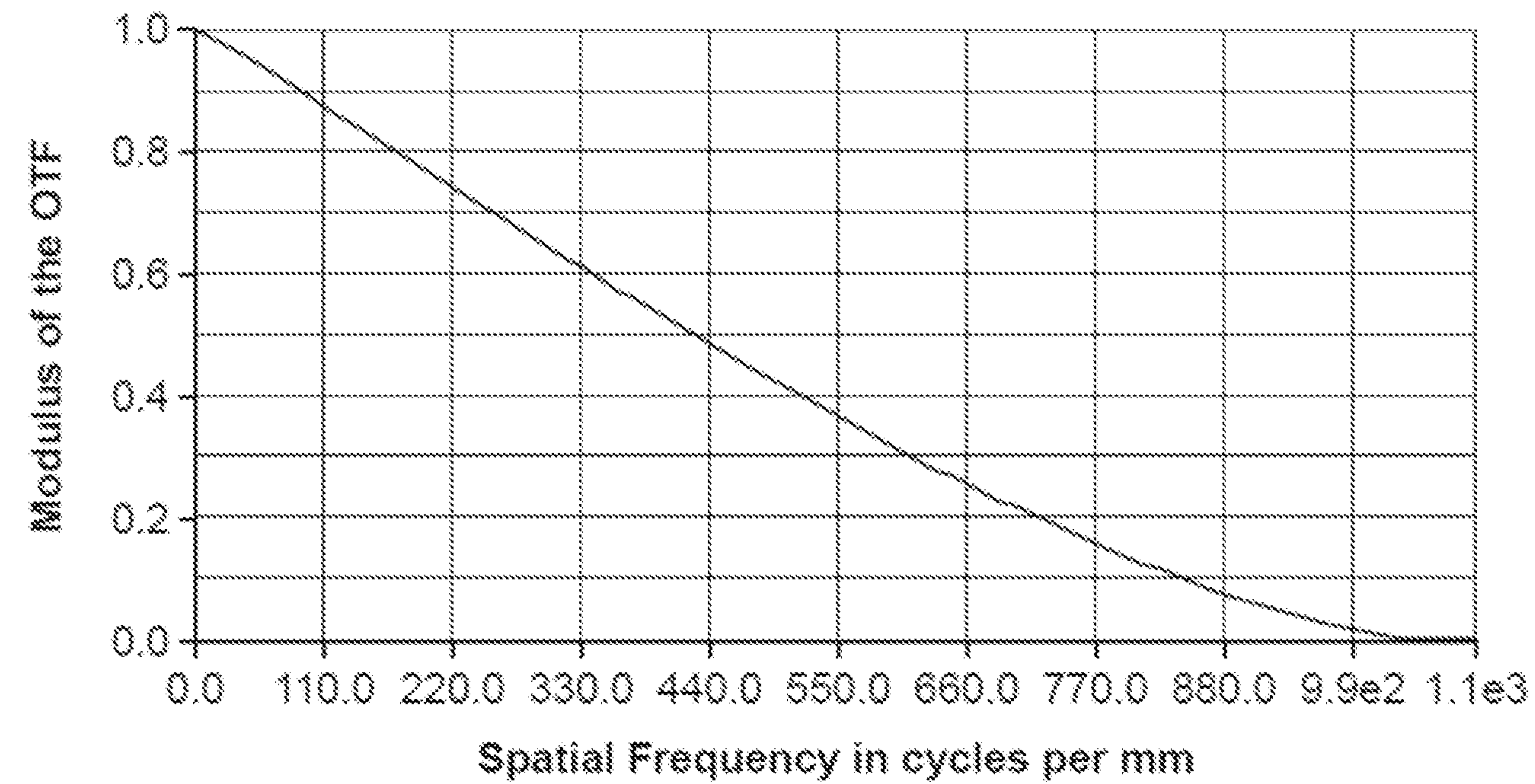


FIG. 12B

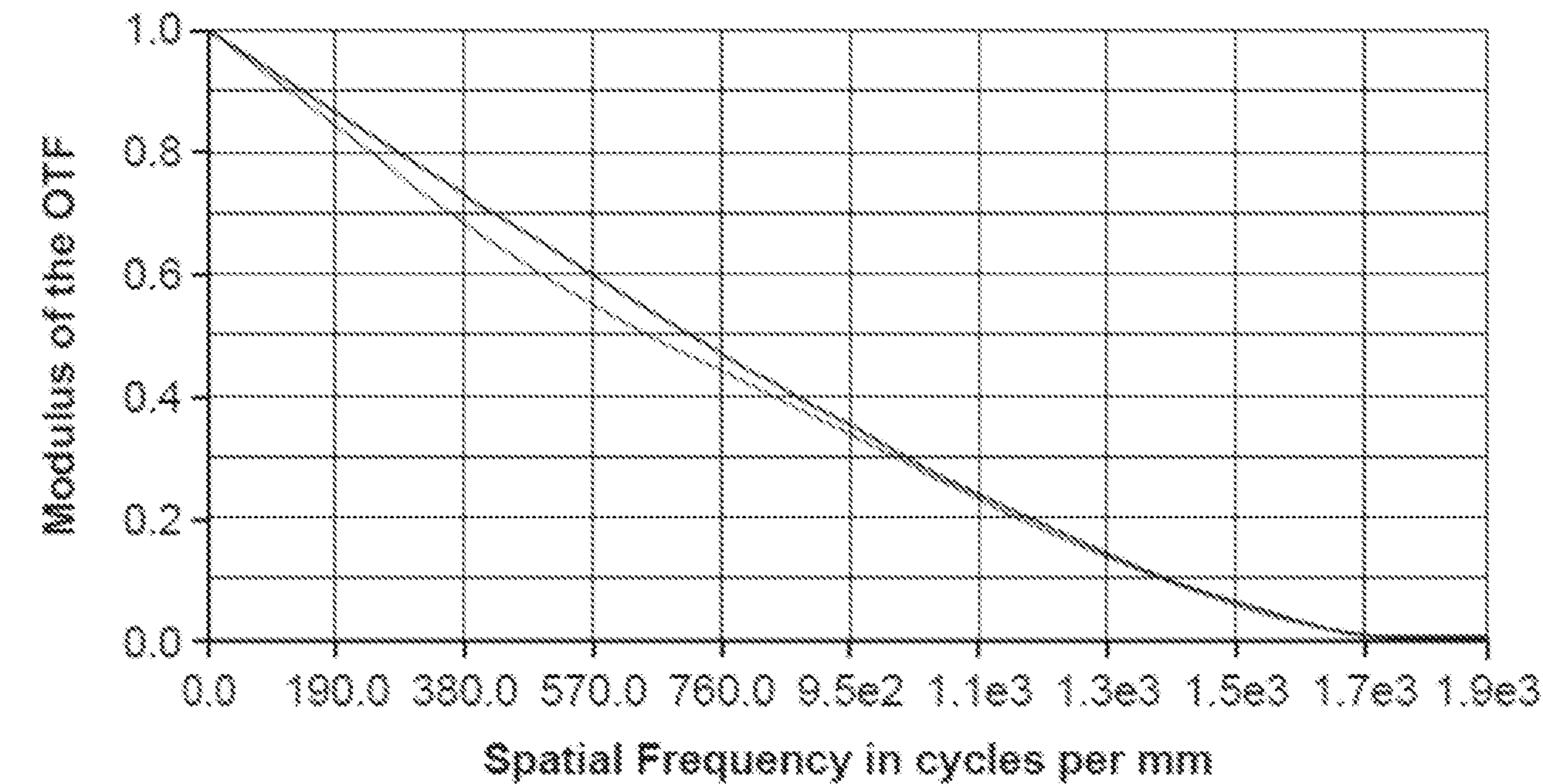


FIG. 13A

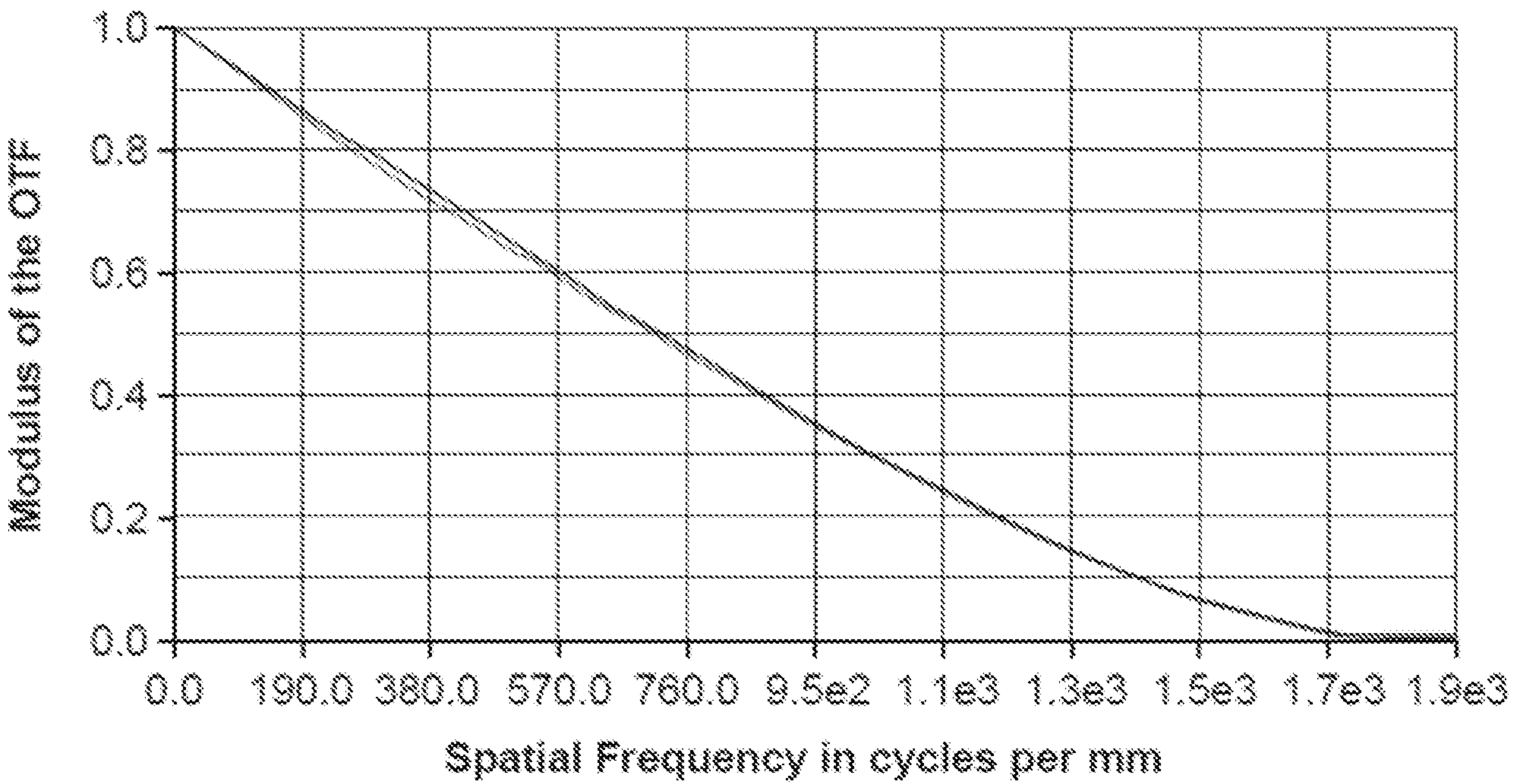


FIG. 13B

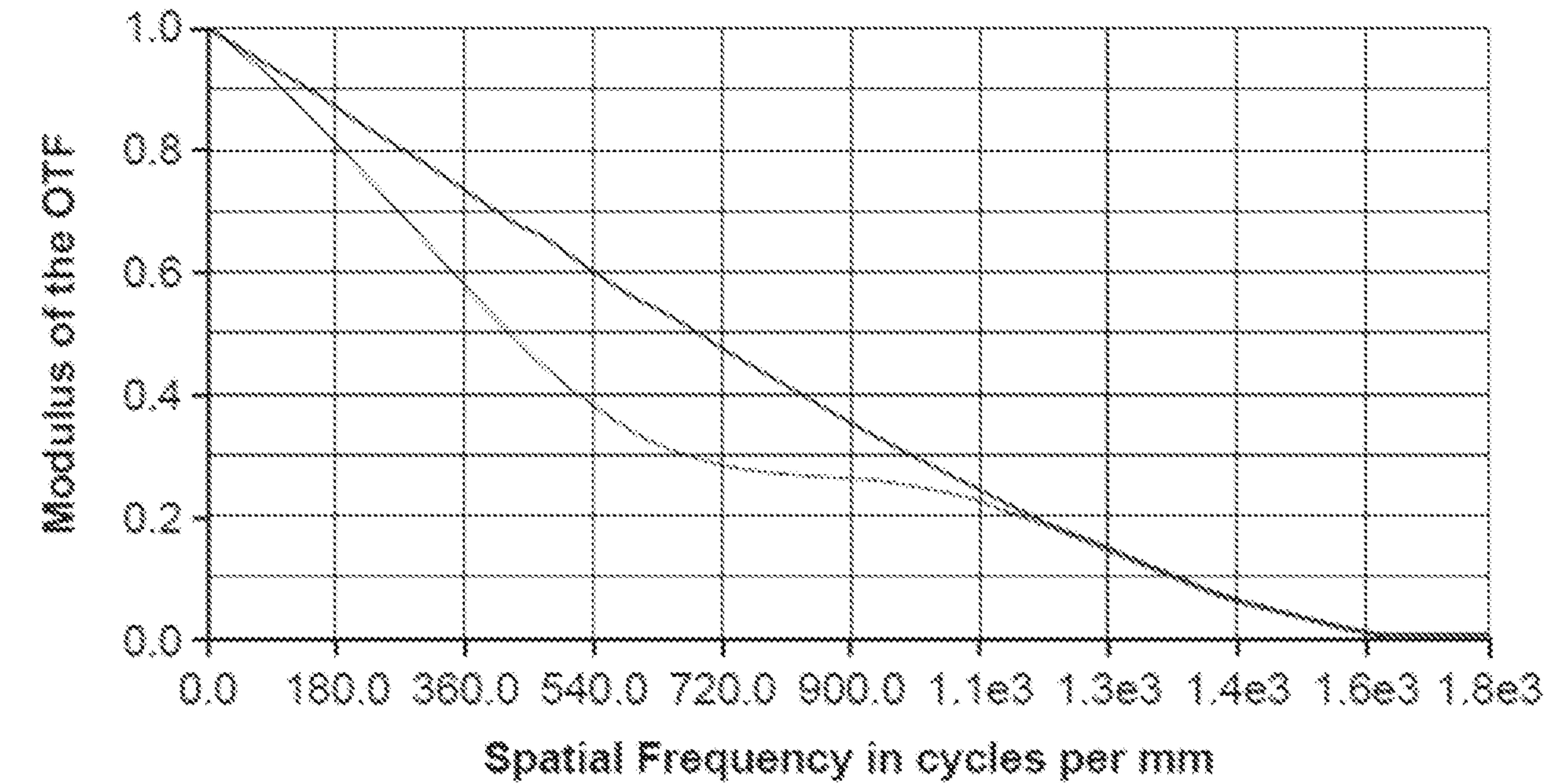


FIG. 14A

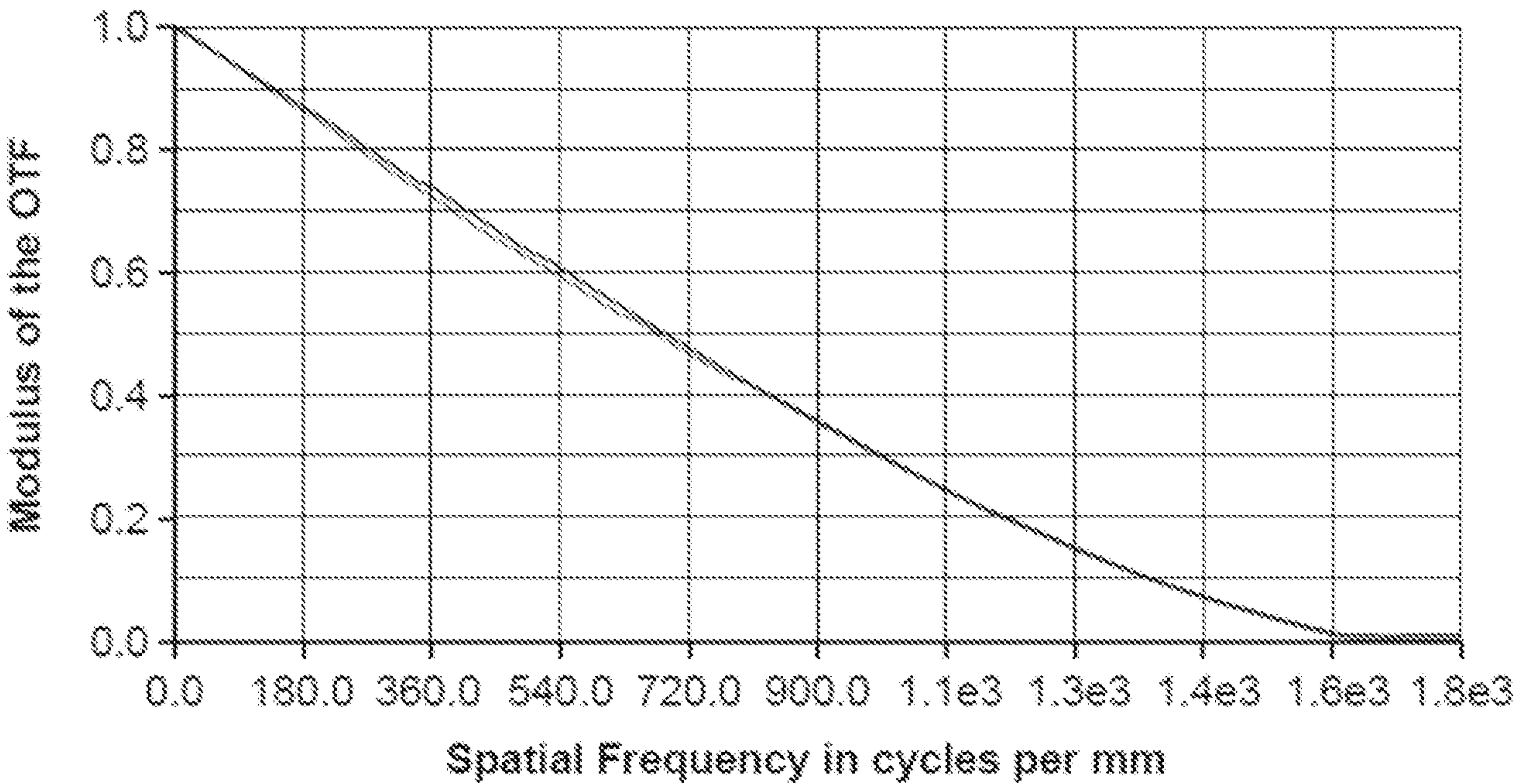


FIG. 14B

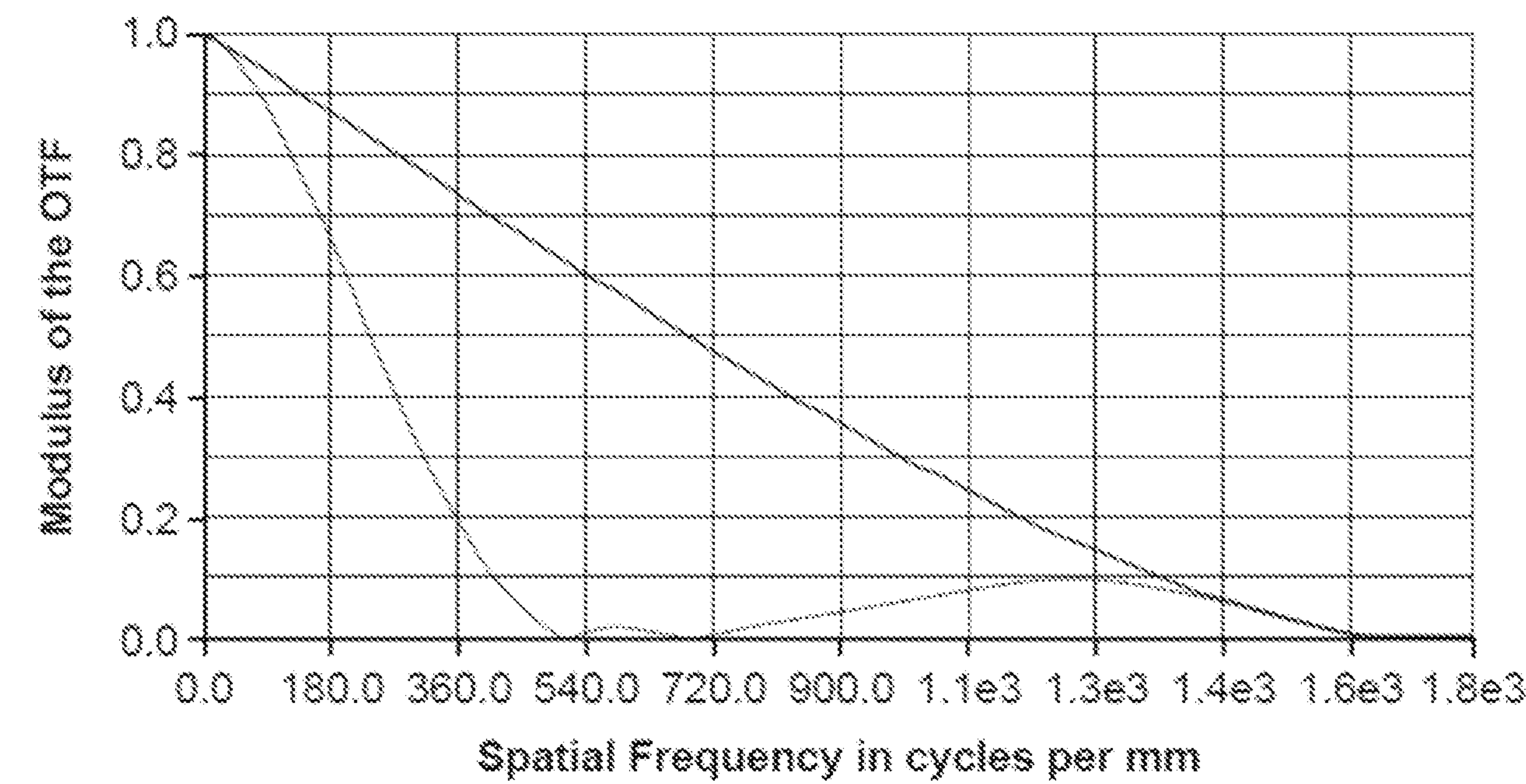


FIG. 15A

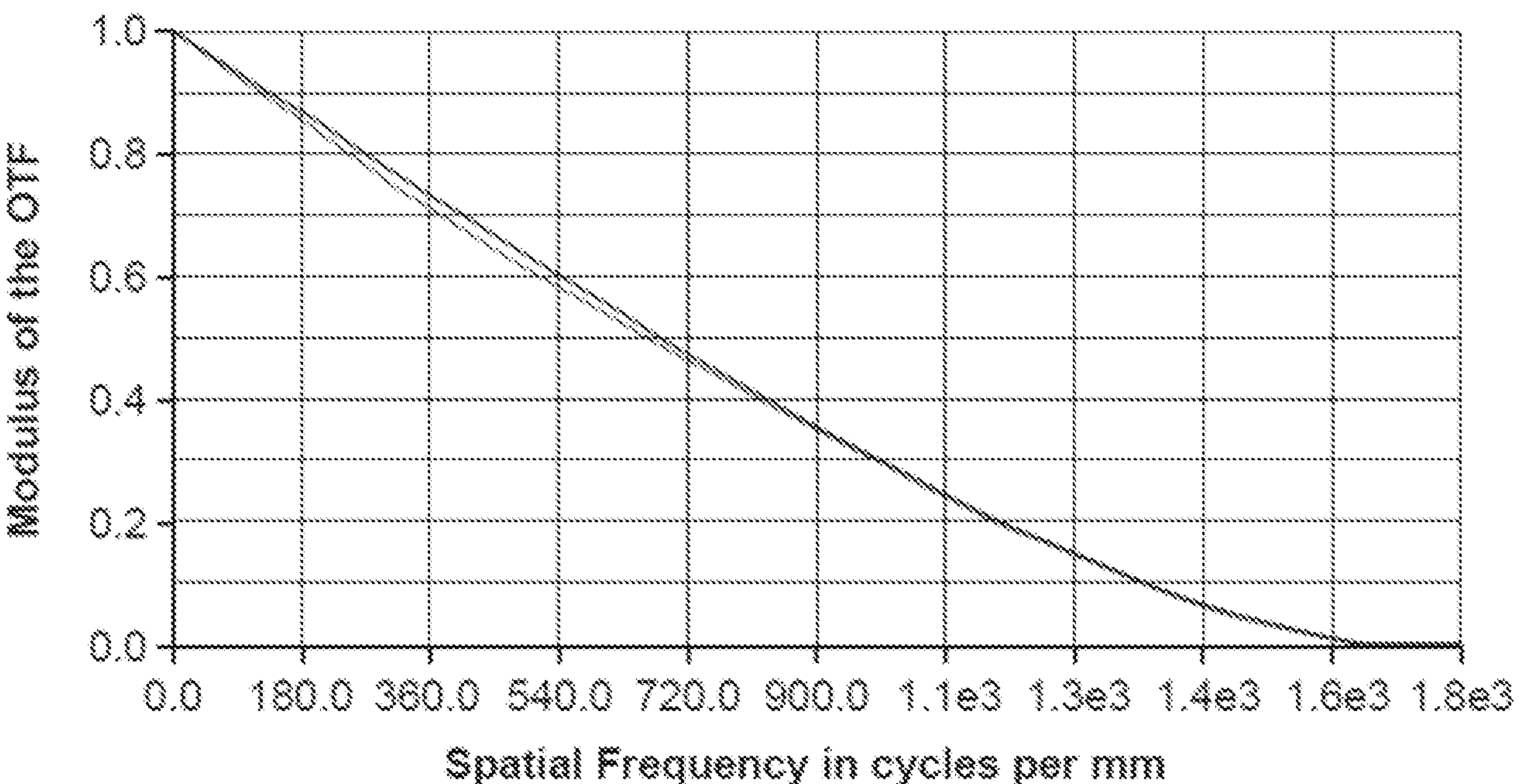


FIG. 15B

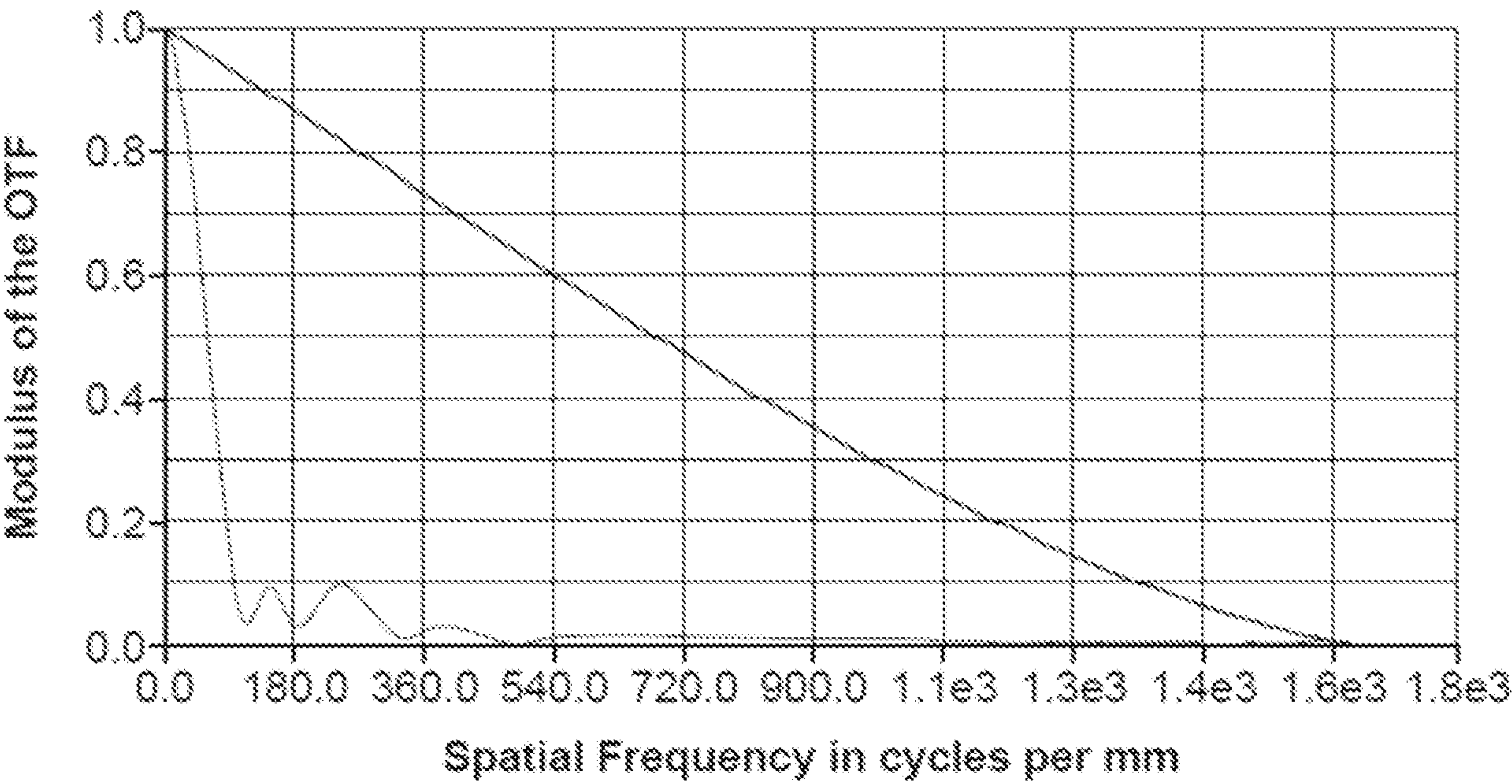


FIG. 16A

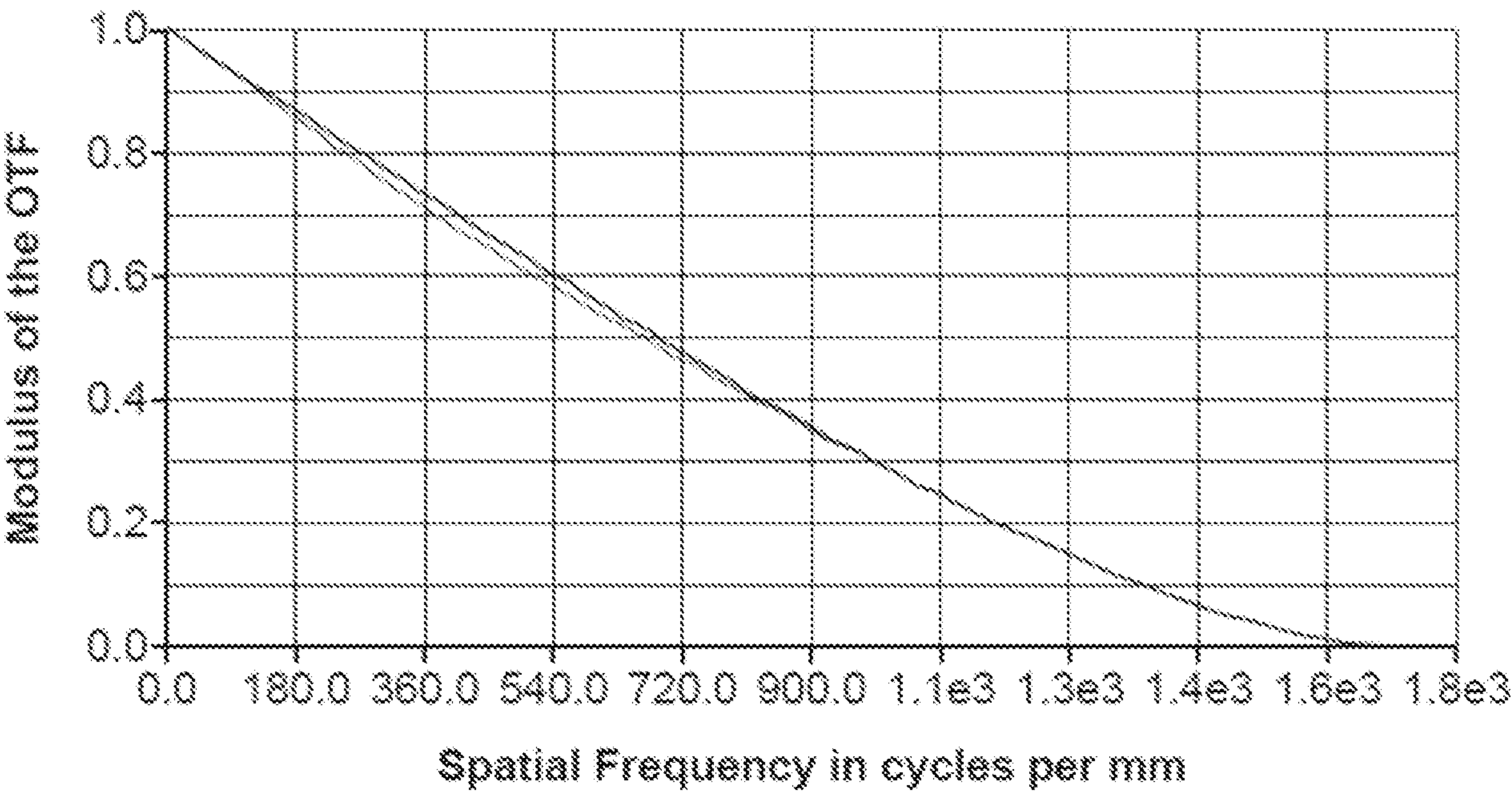


FIG. 16B

Strehl ratio change with thickness, field=0mm, EFL_objective=20mm, Mag=5

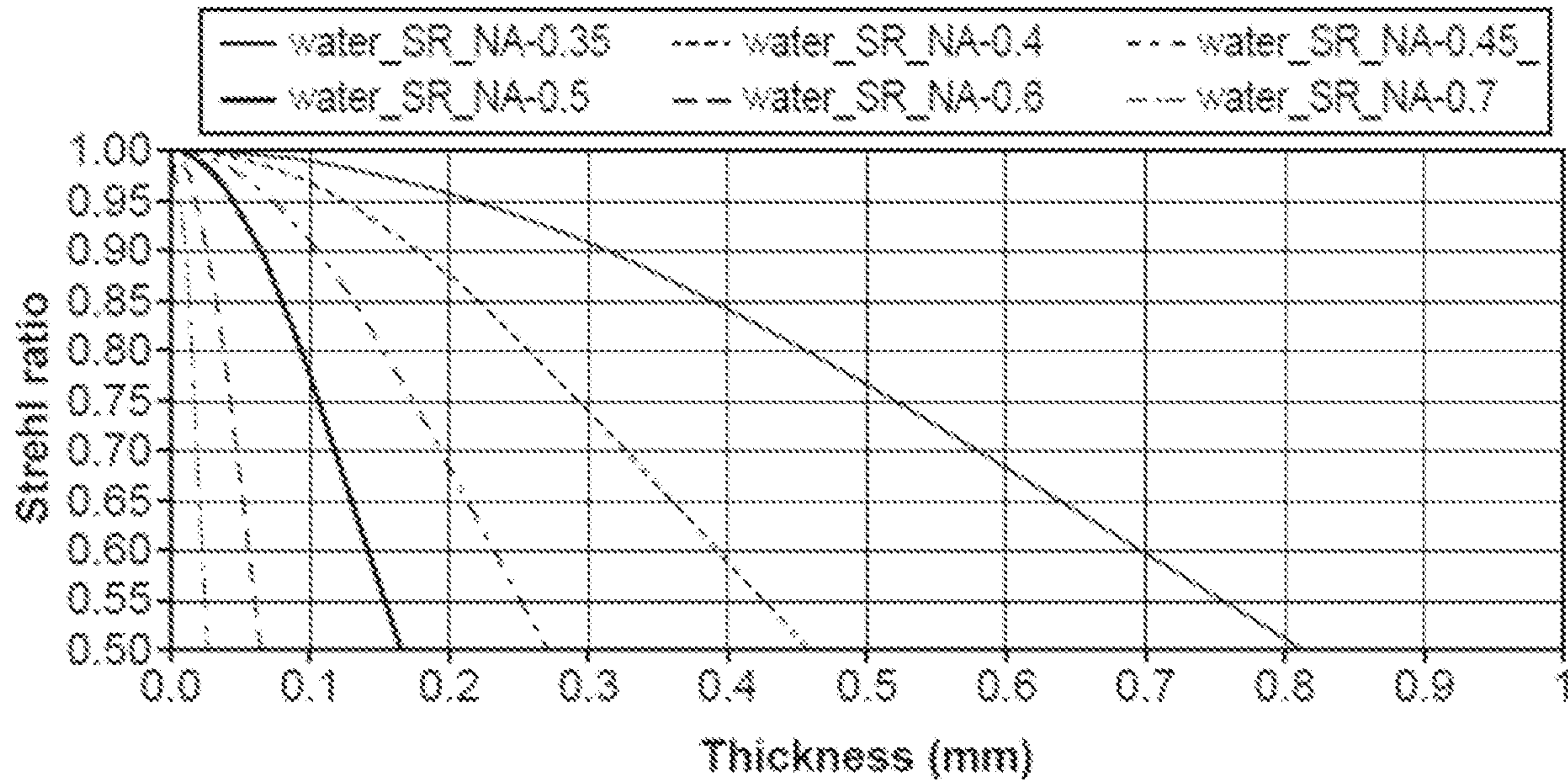


FIG. 17A

Strehl ratio versus NA for 0.1mm water thickness

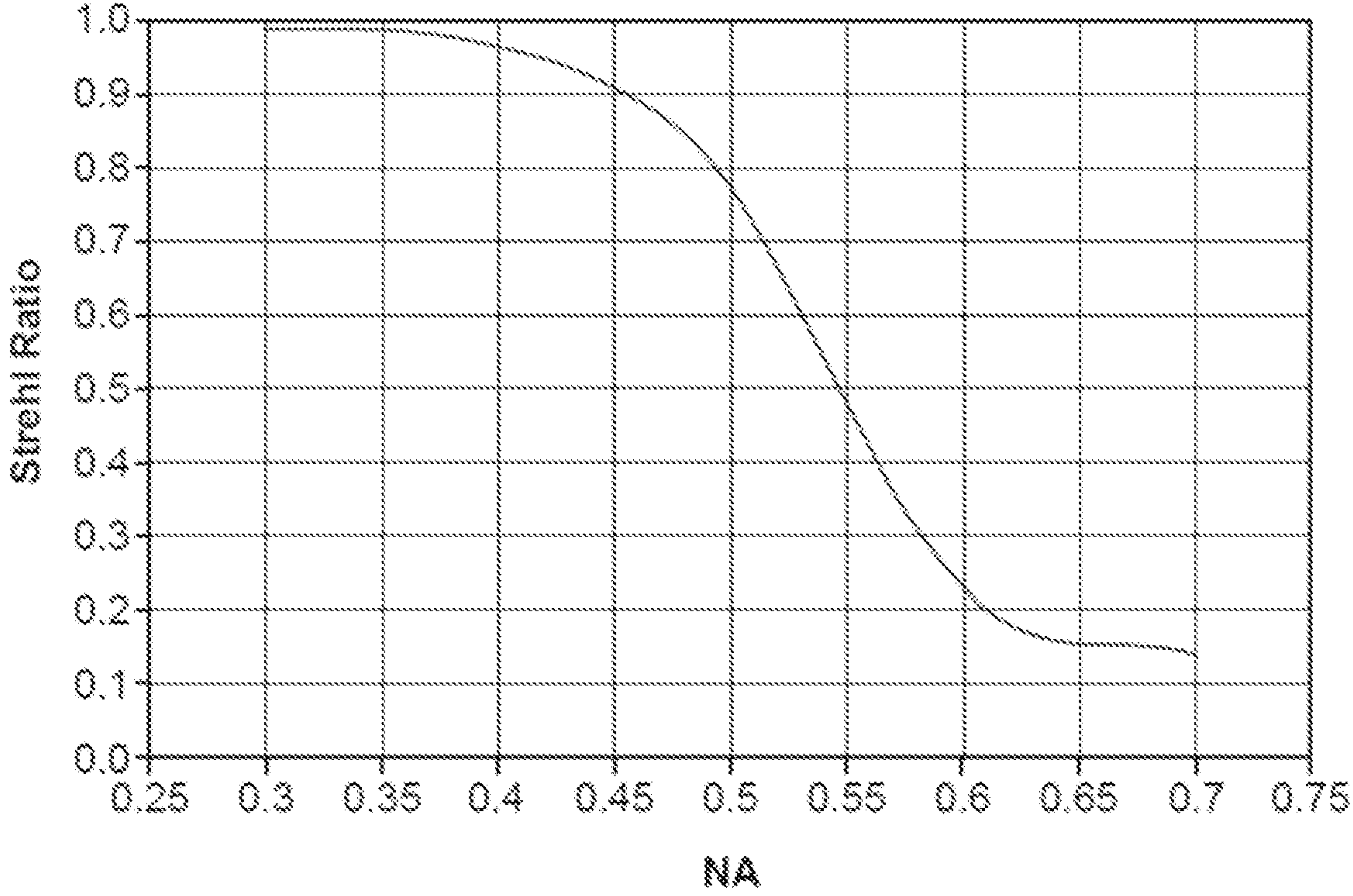


FIG. 17B

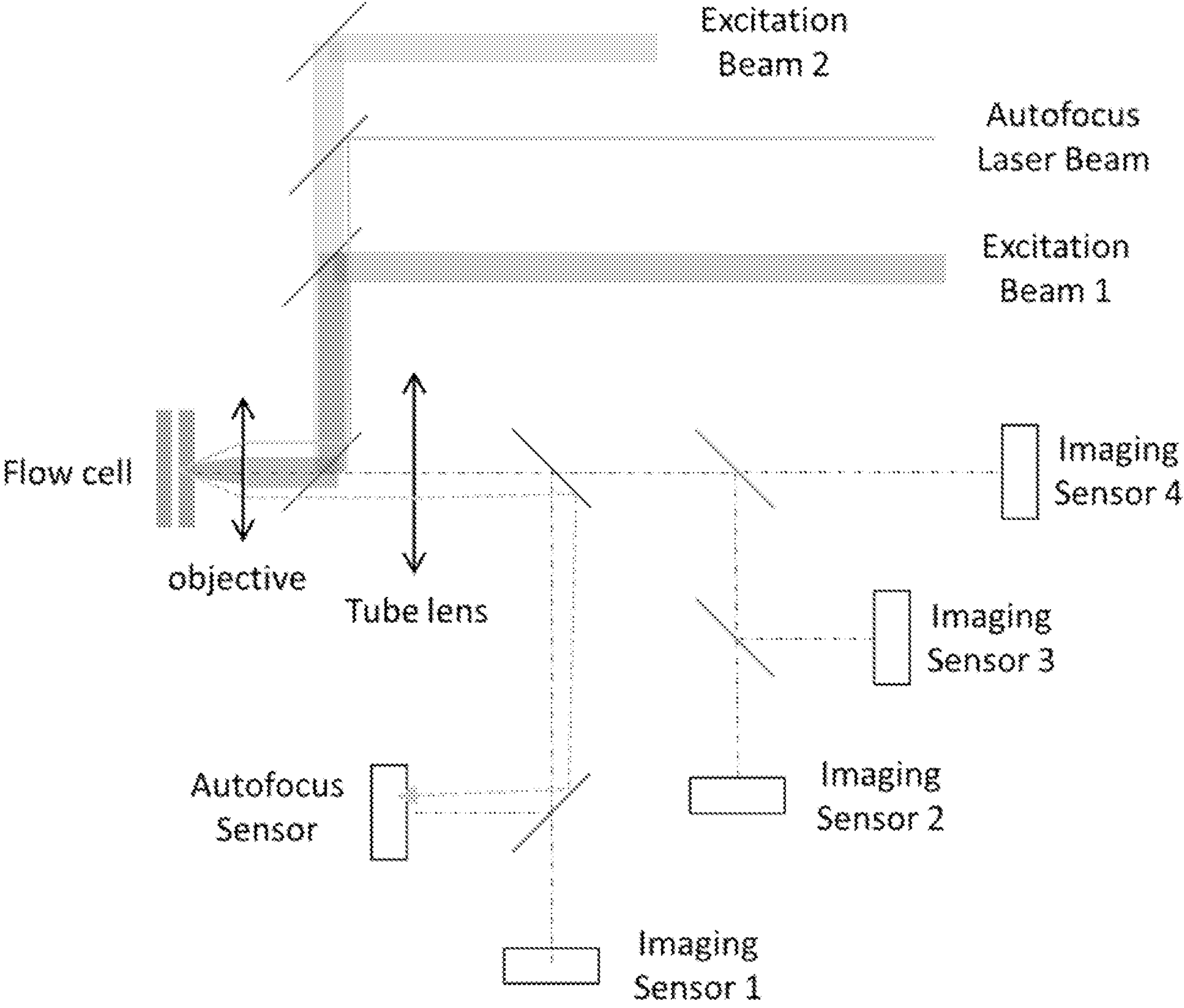


FIG. 18

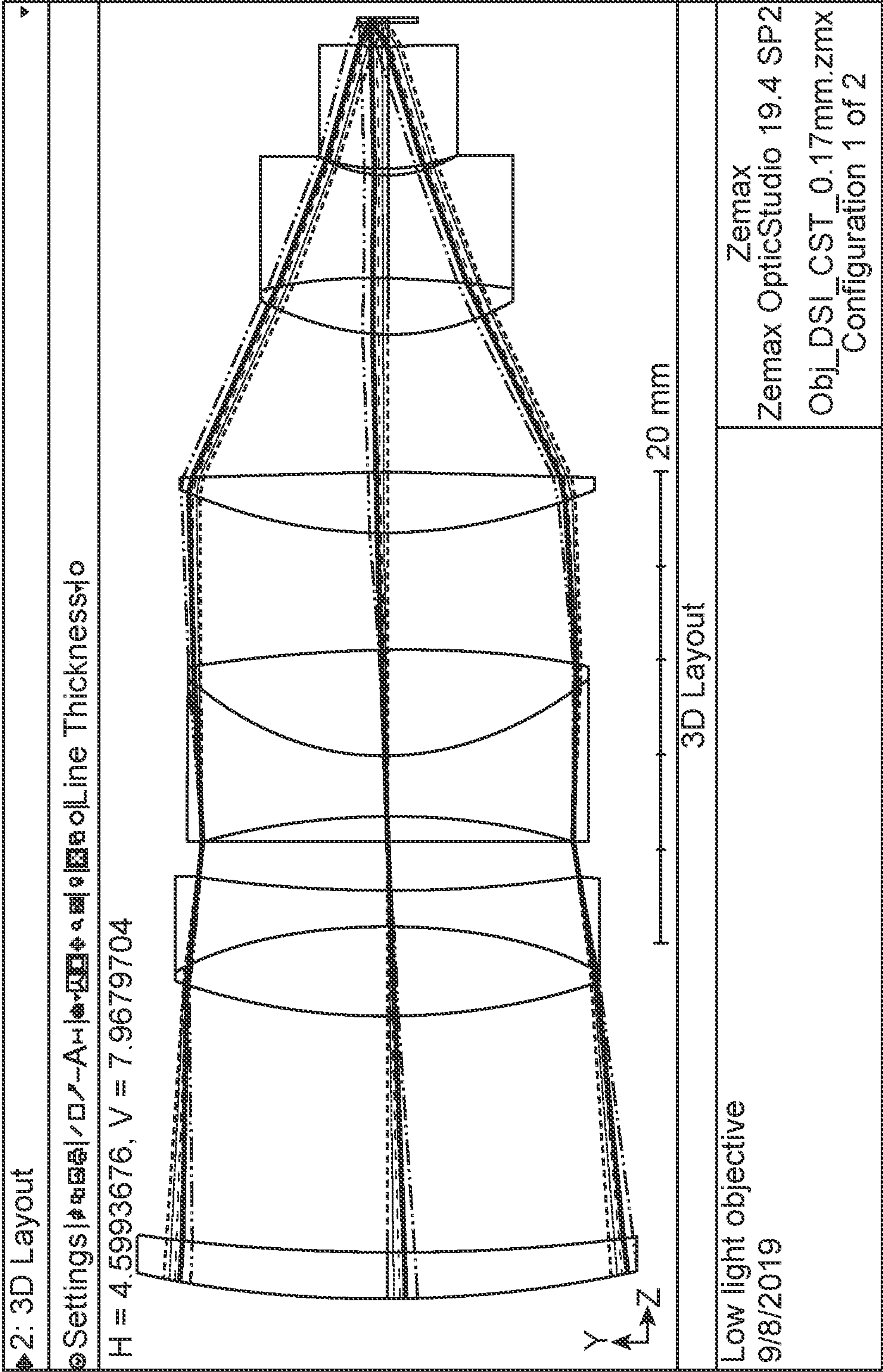
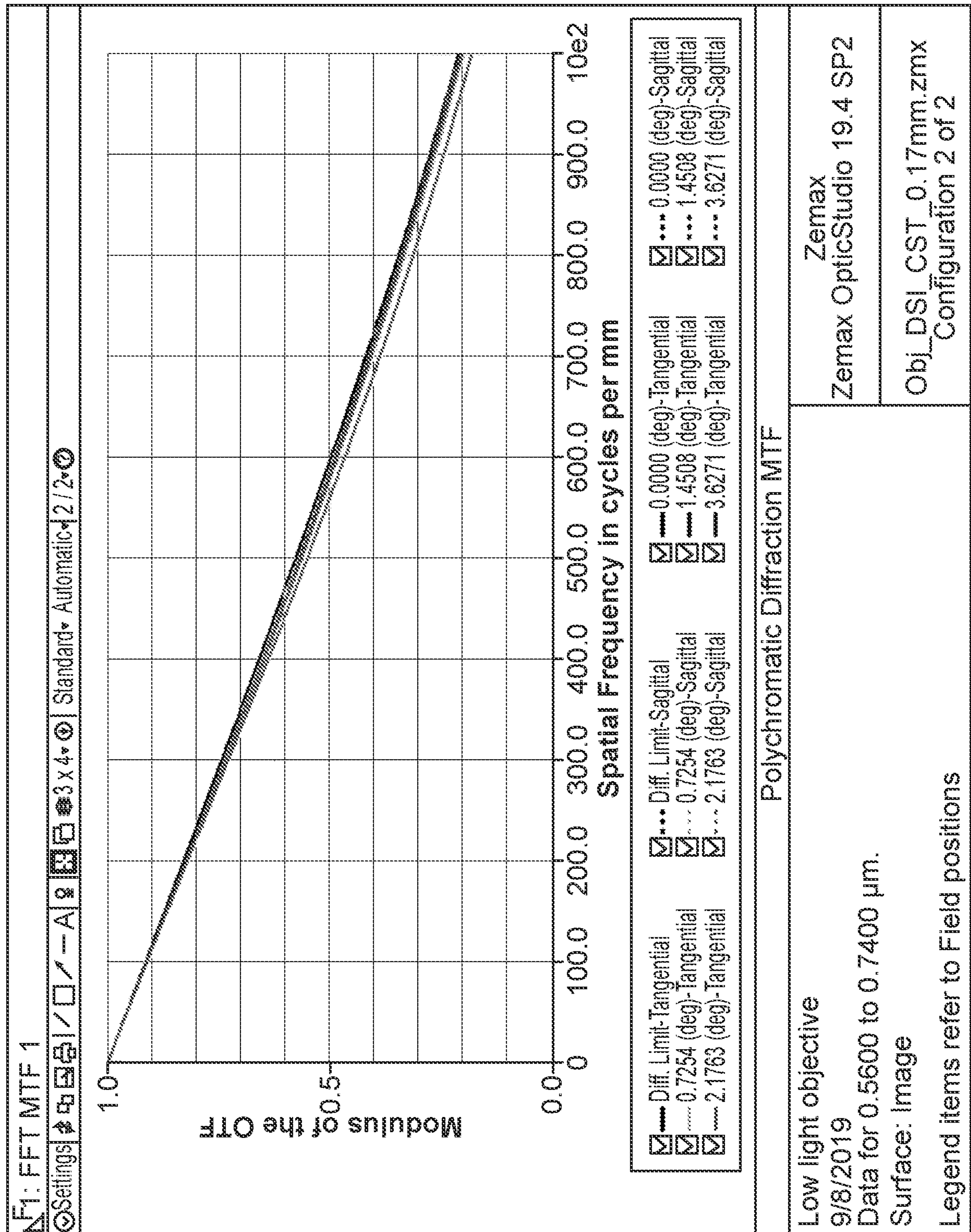
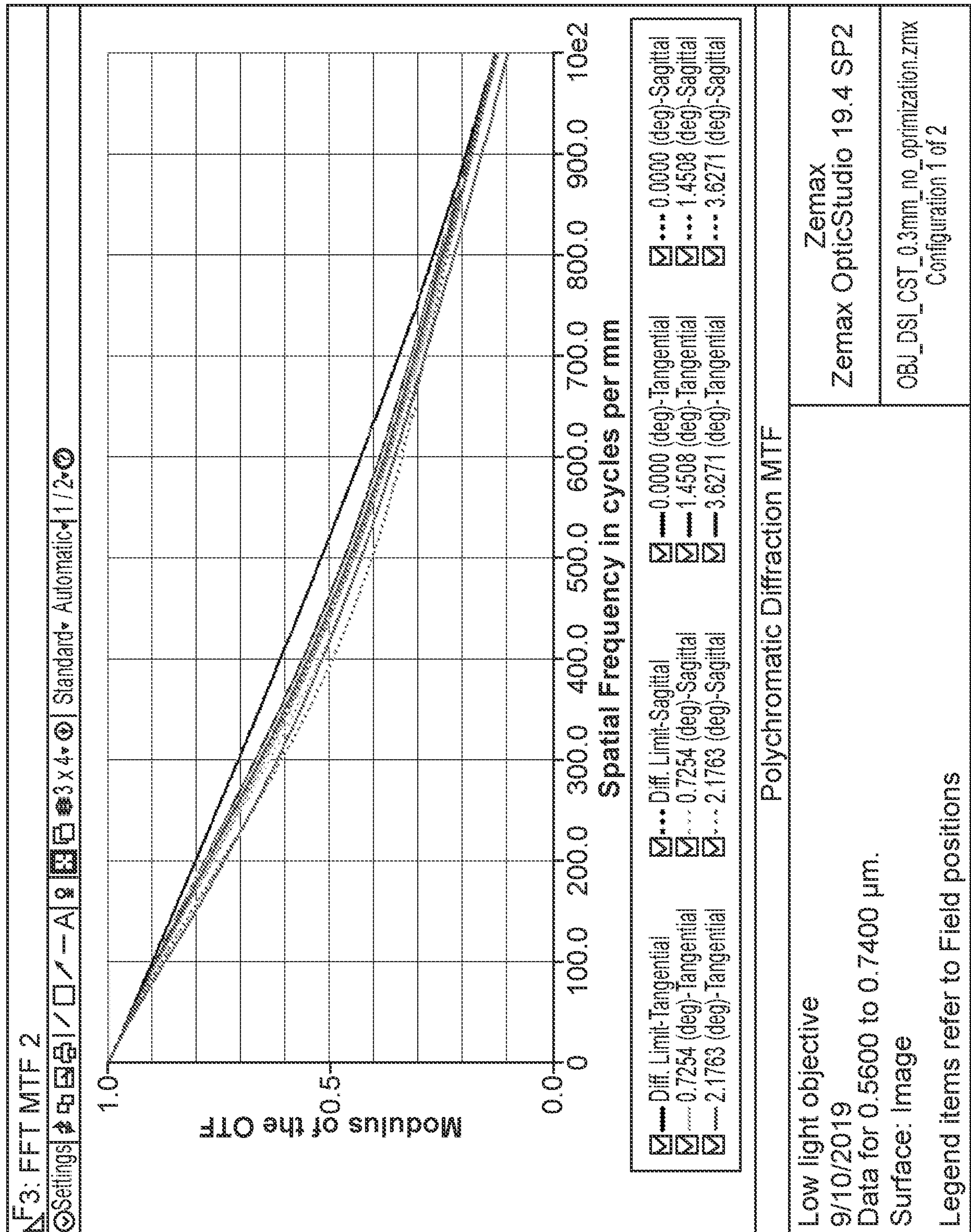
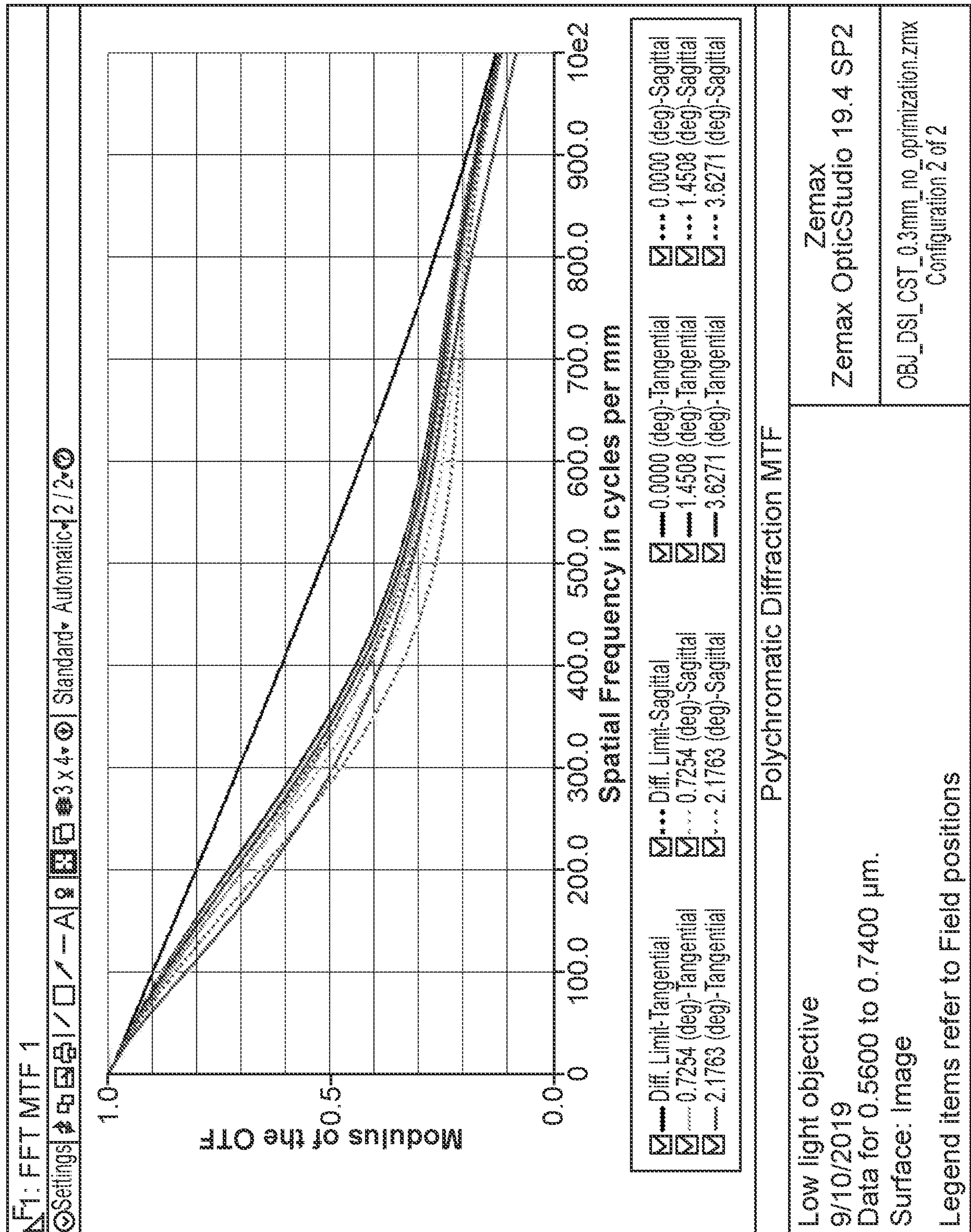
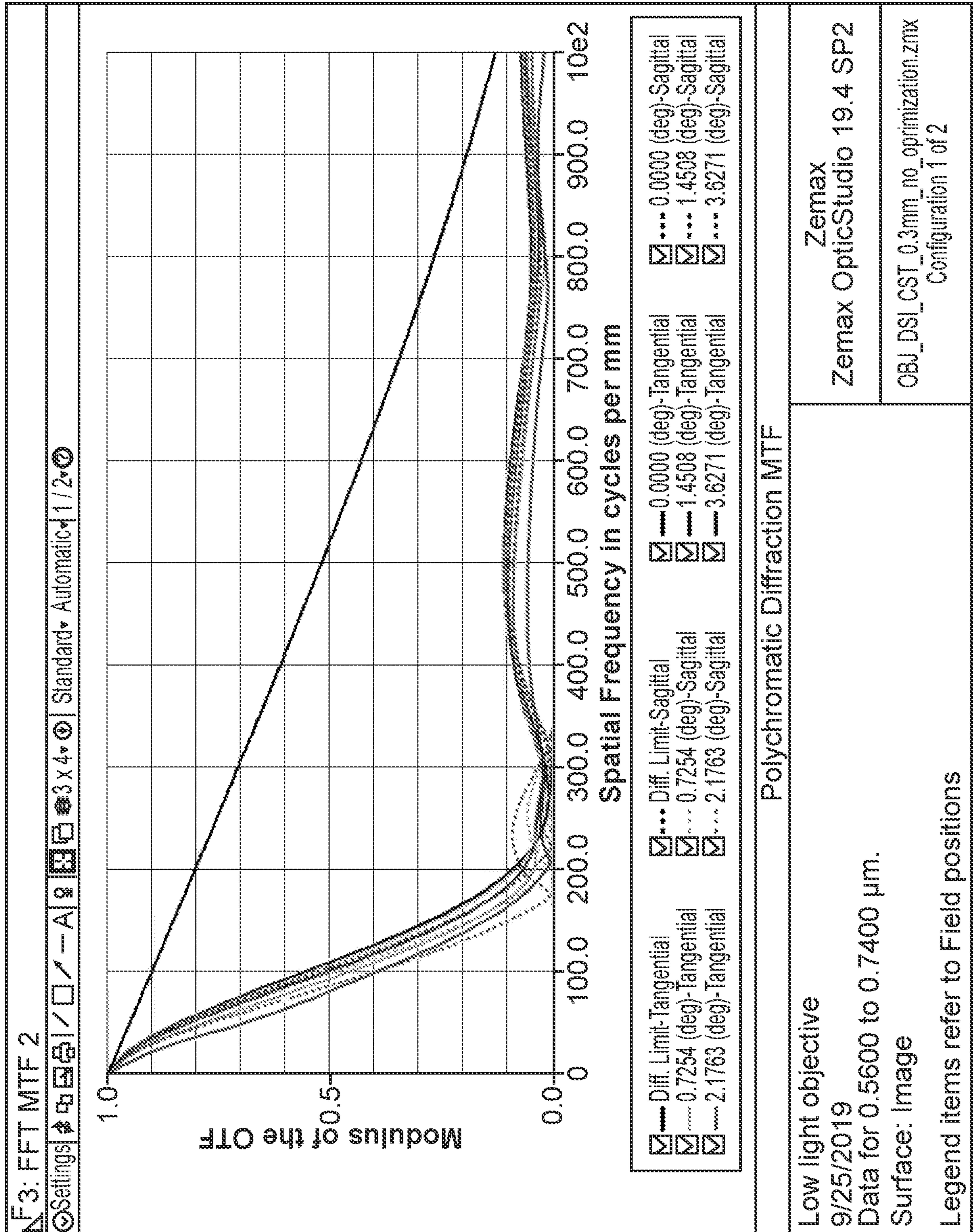


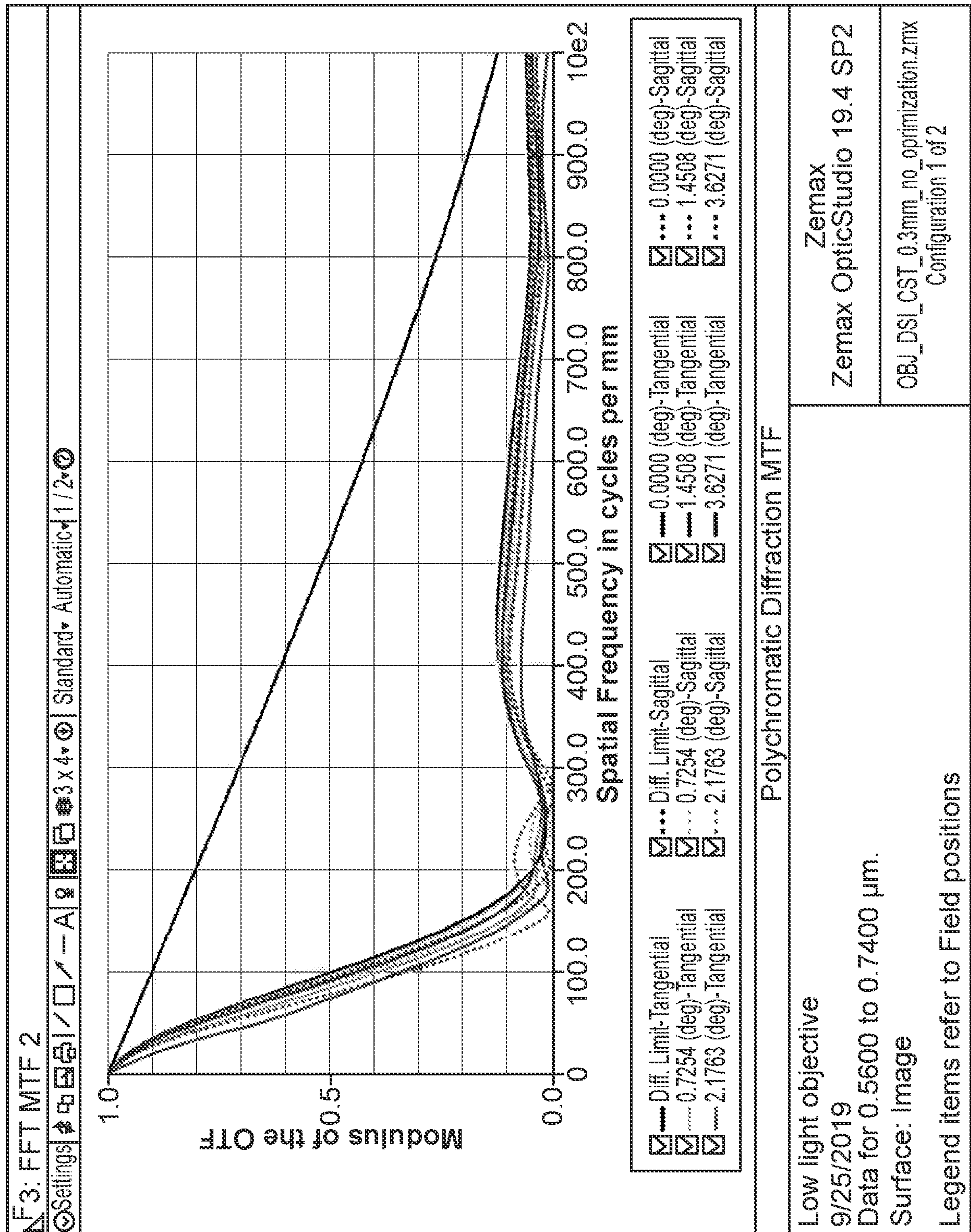
FIG. 19











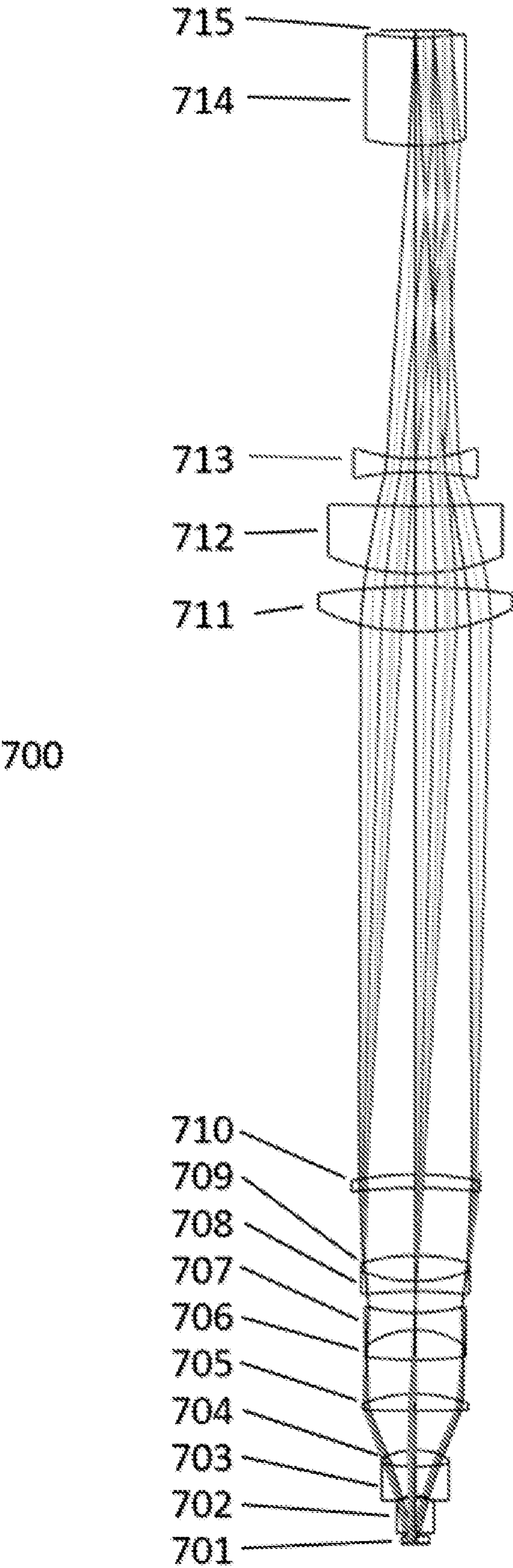
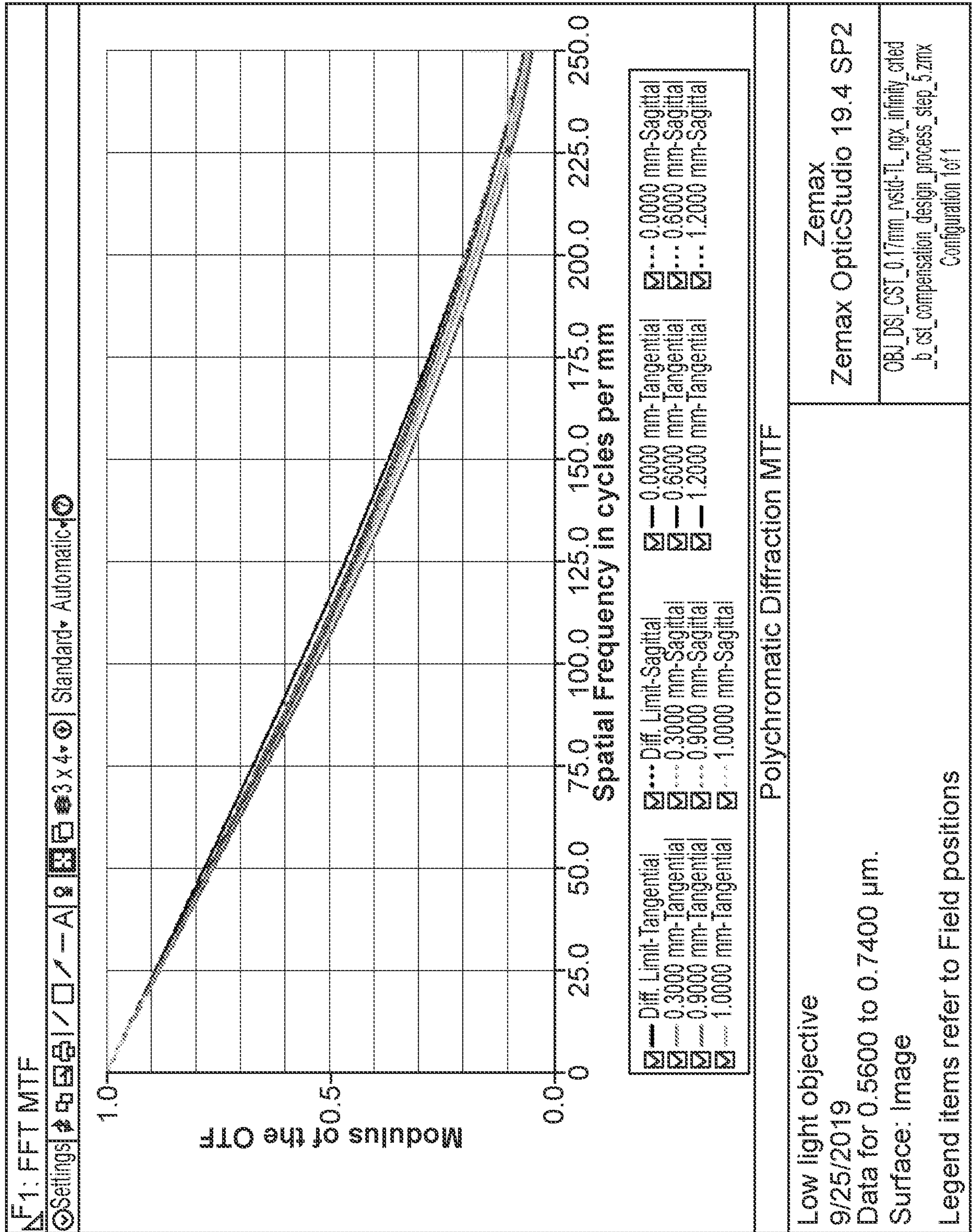
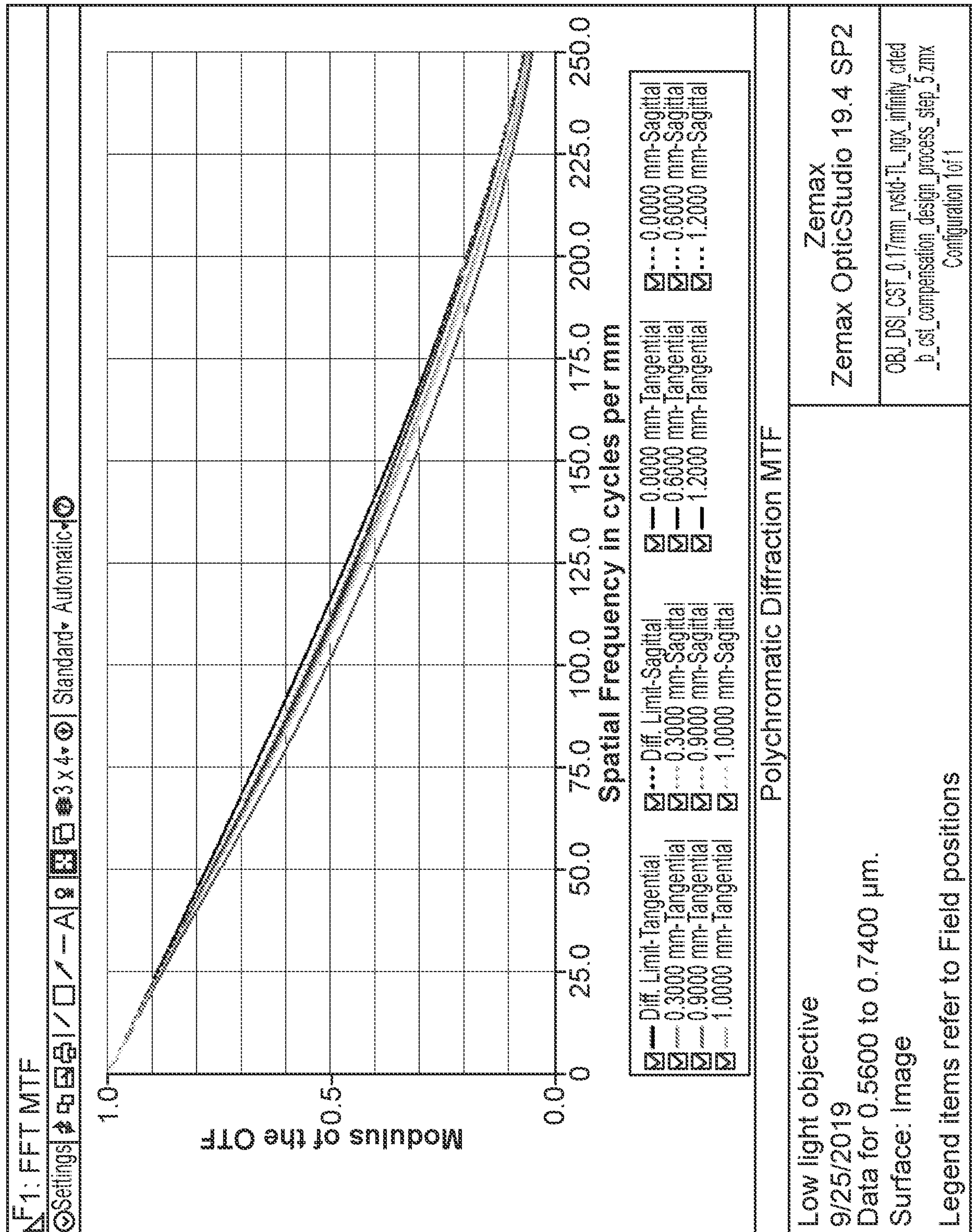


FIG. 25





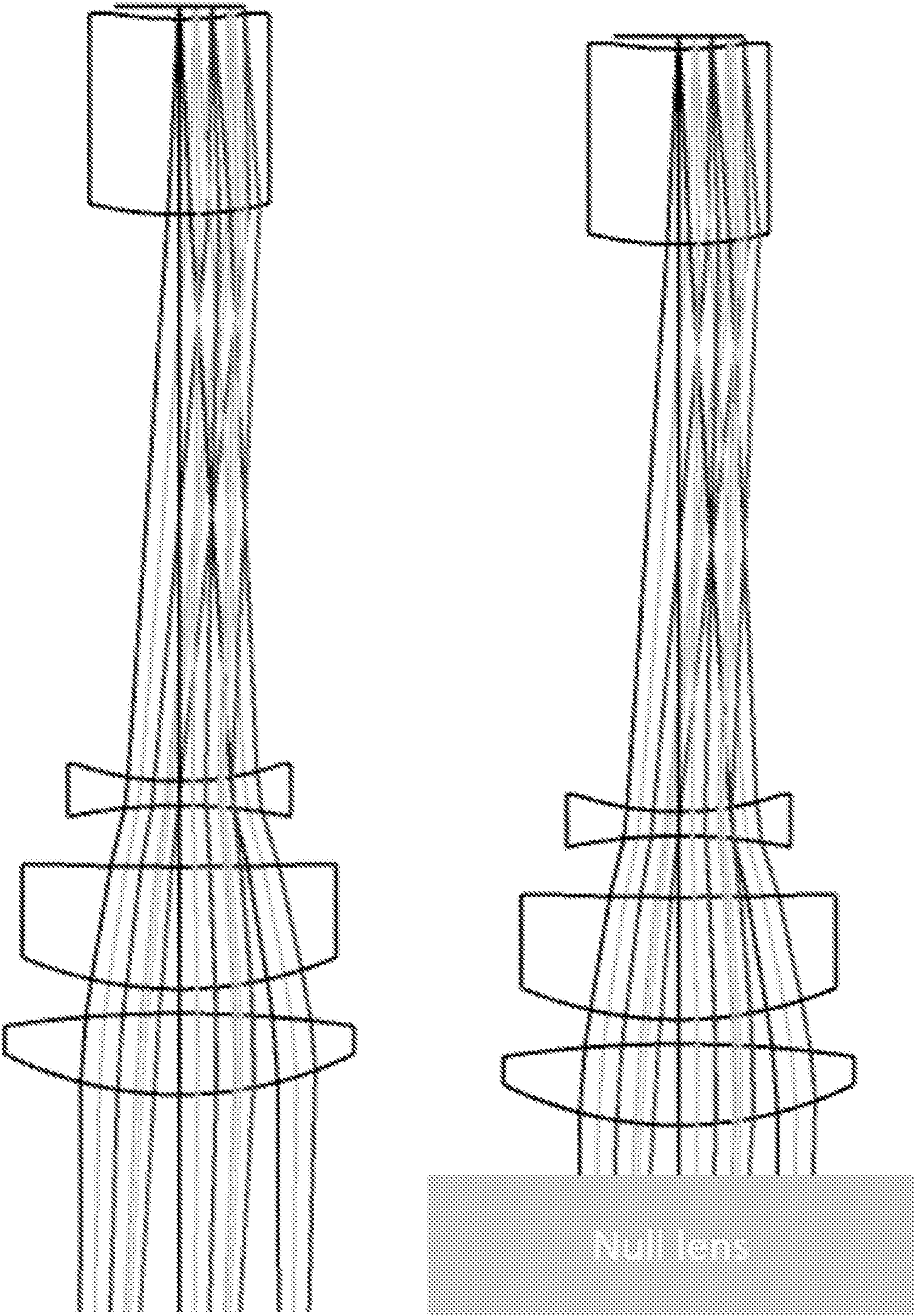


FIG. 28

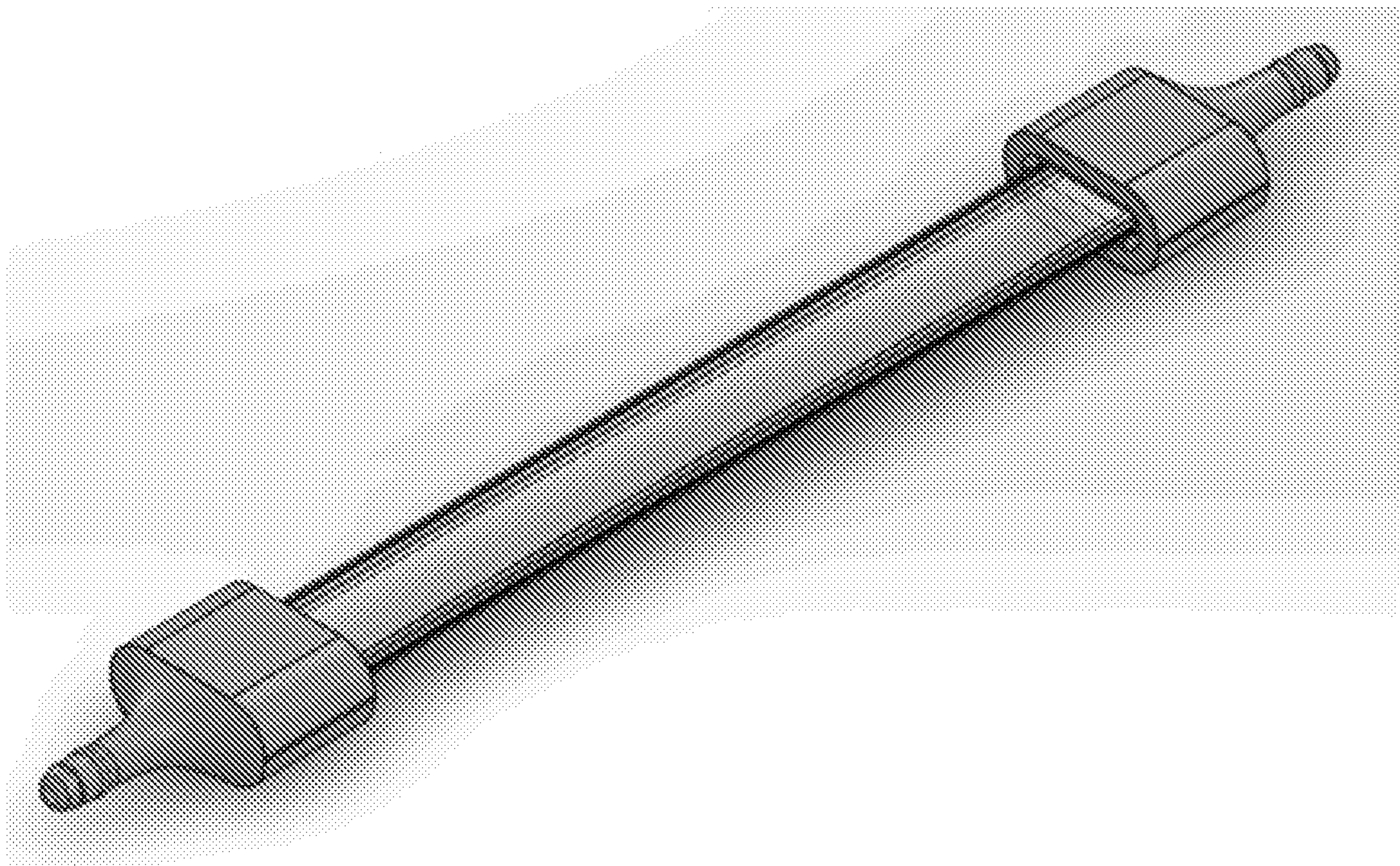


FIG. 29

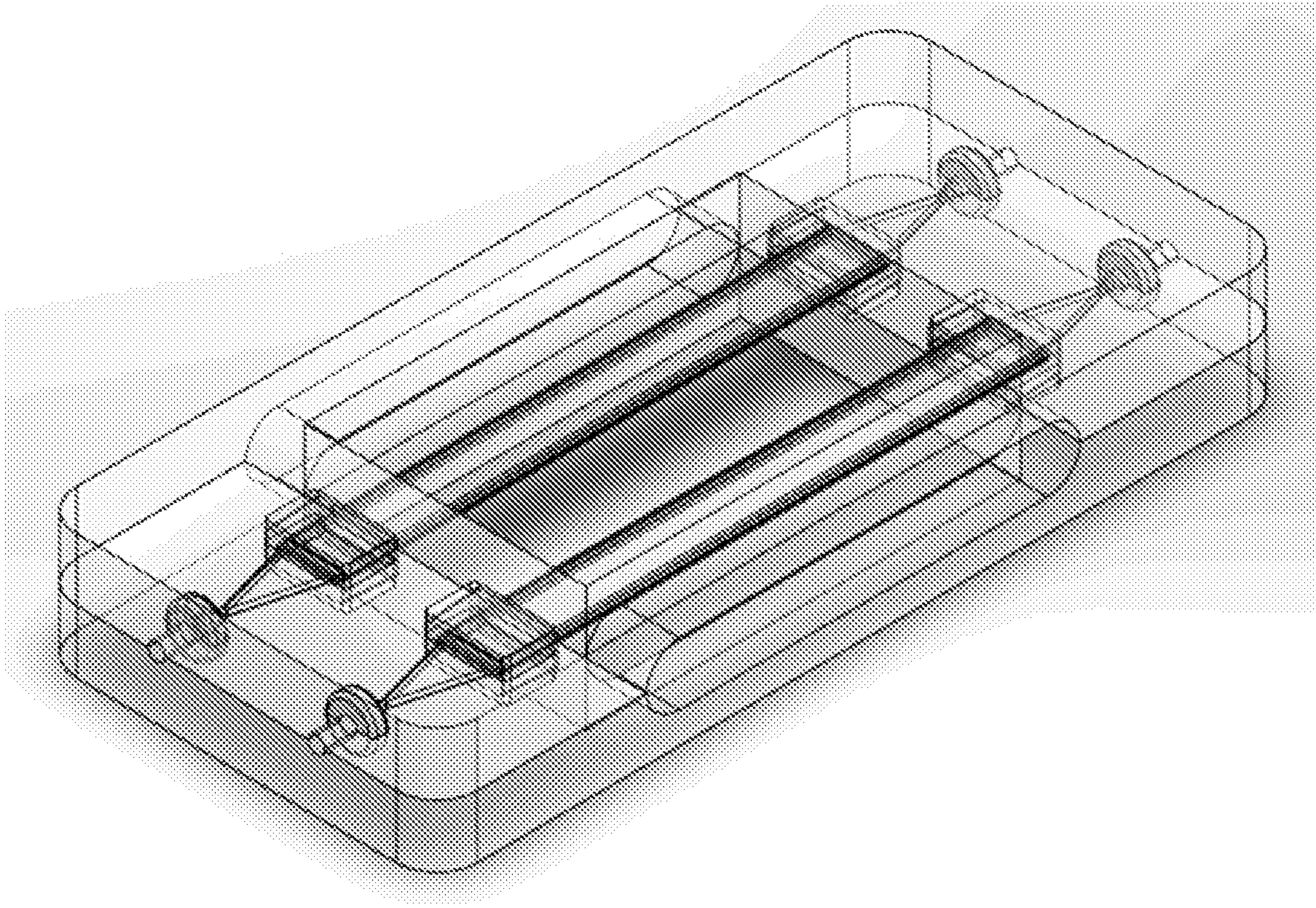


FIG. 30

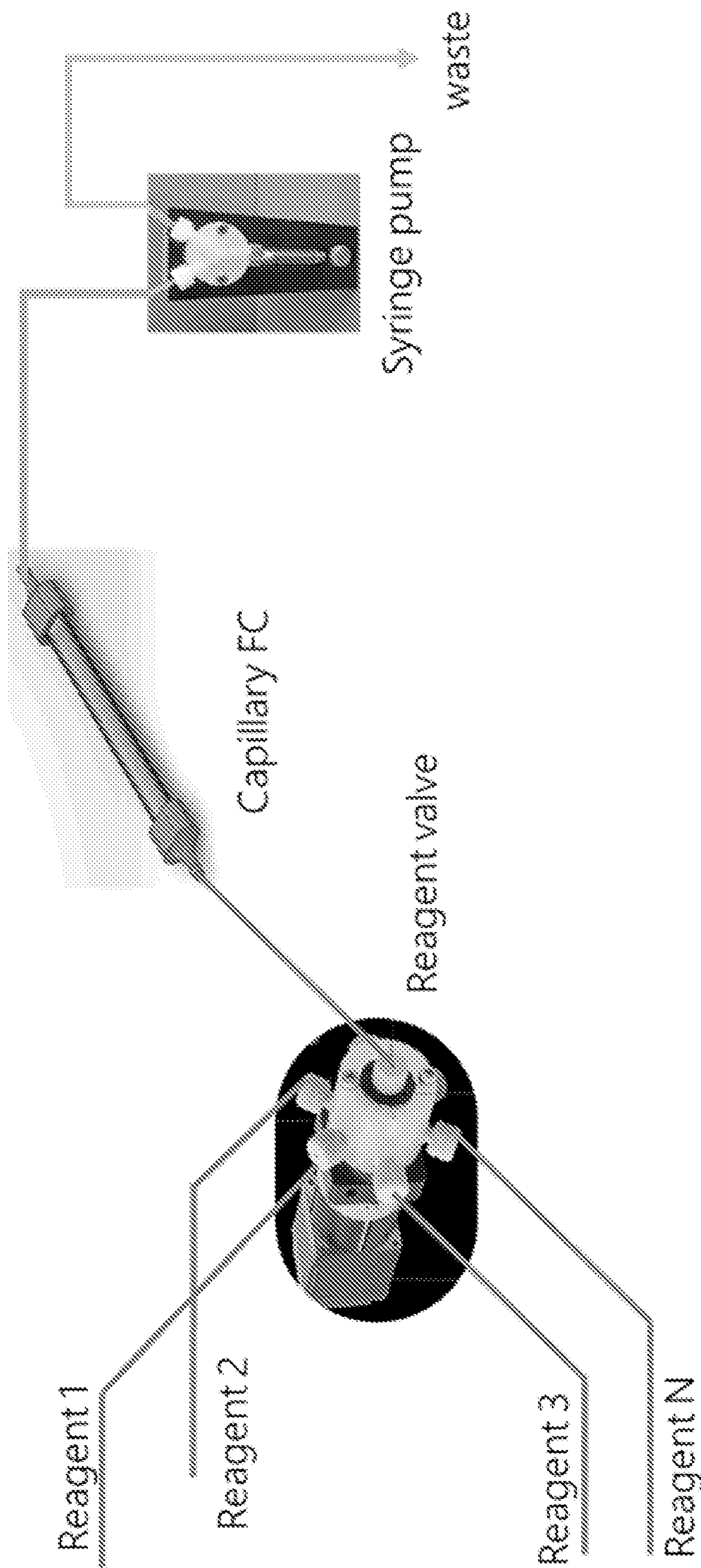


FIG. 31

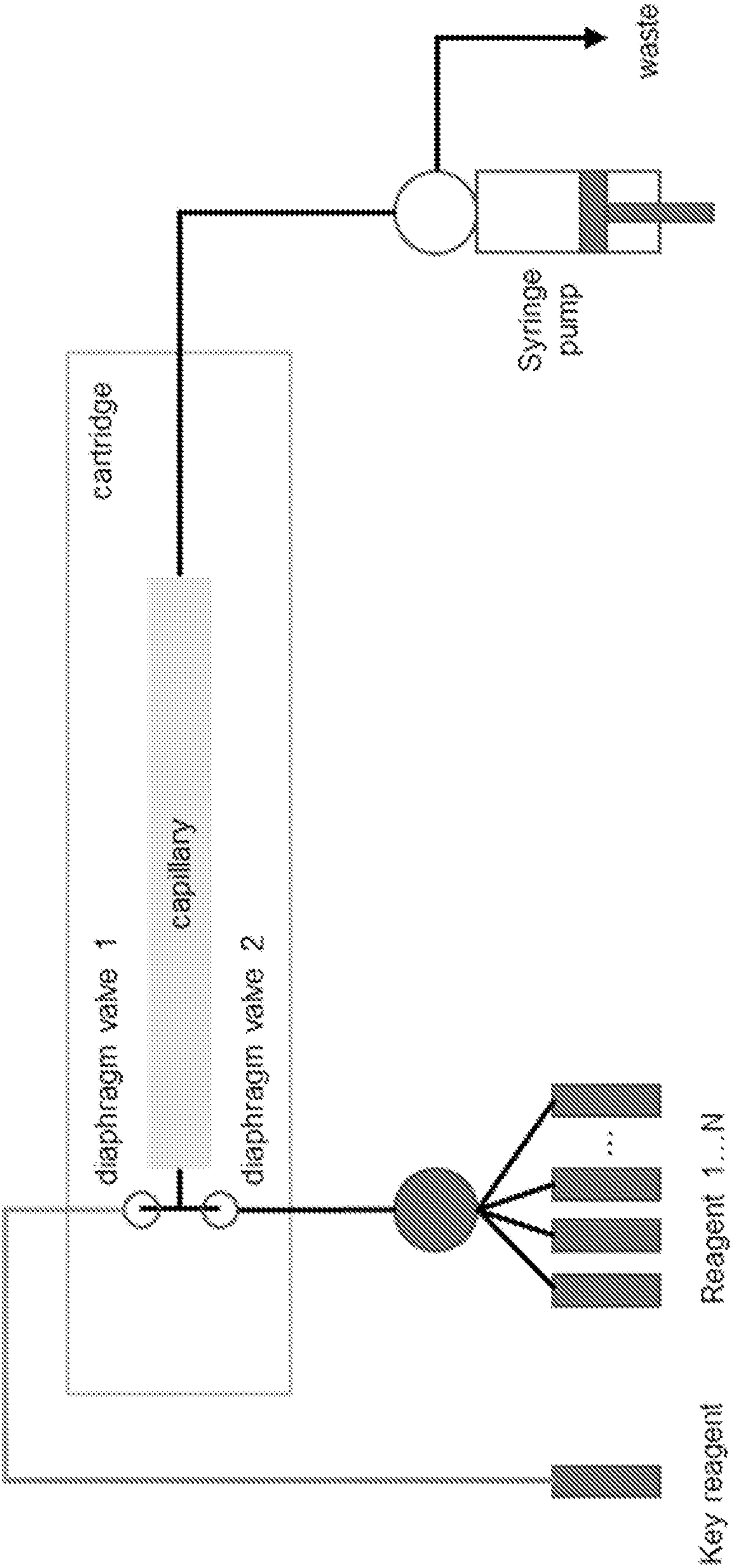


FIG. 32

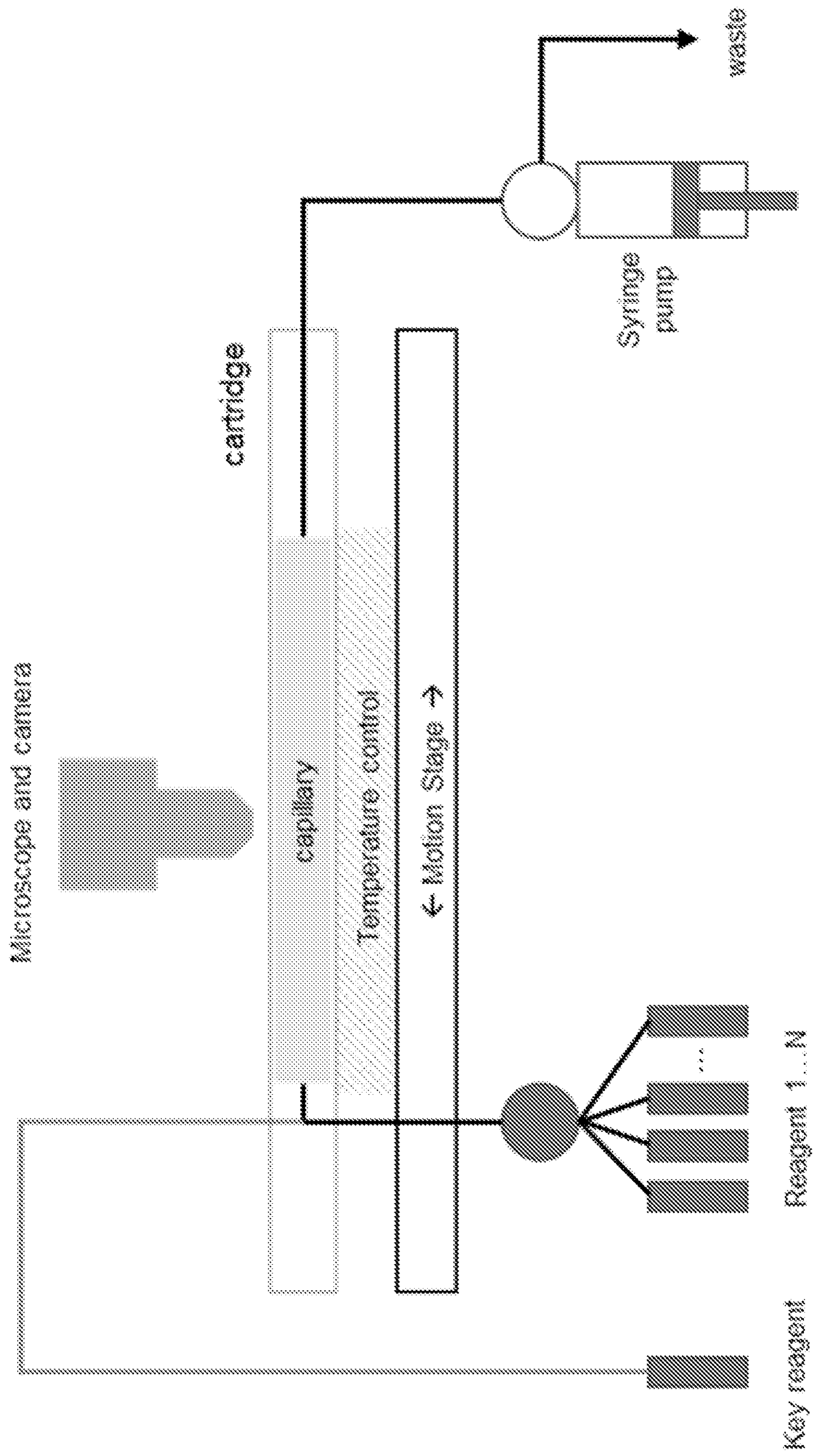


FIG. 33

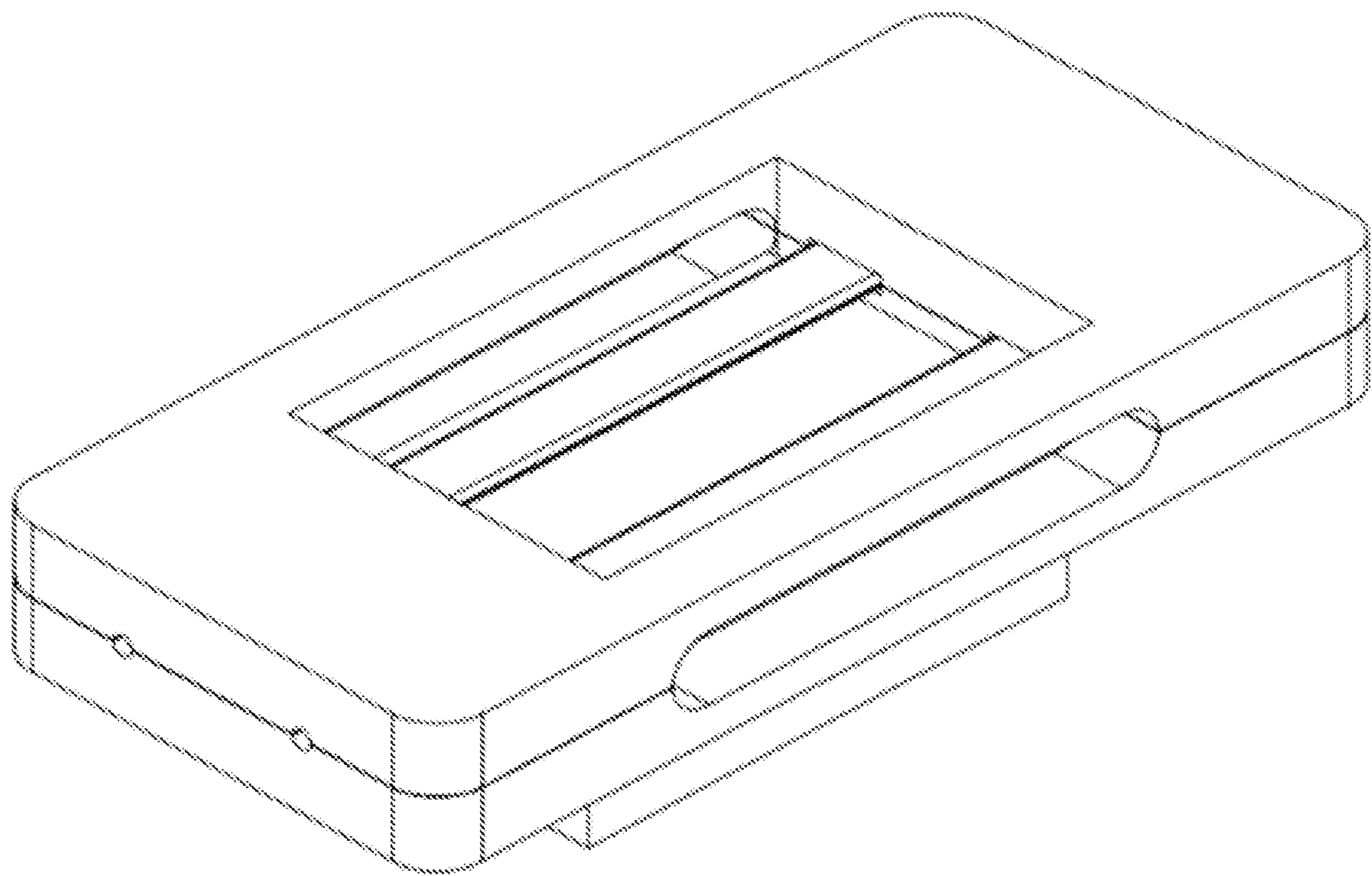


FIG. 34

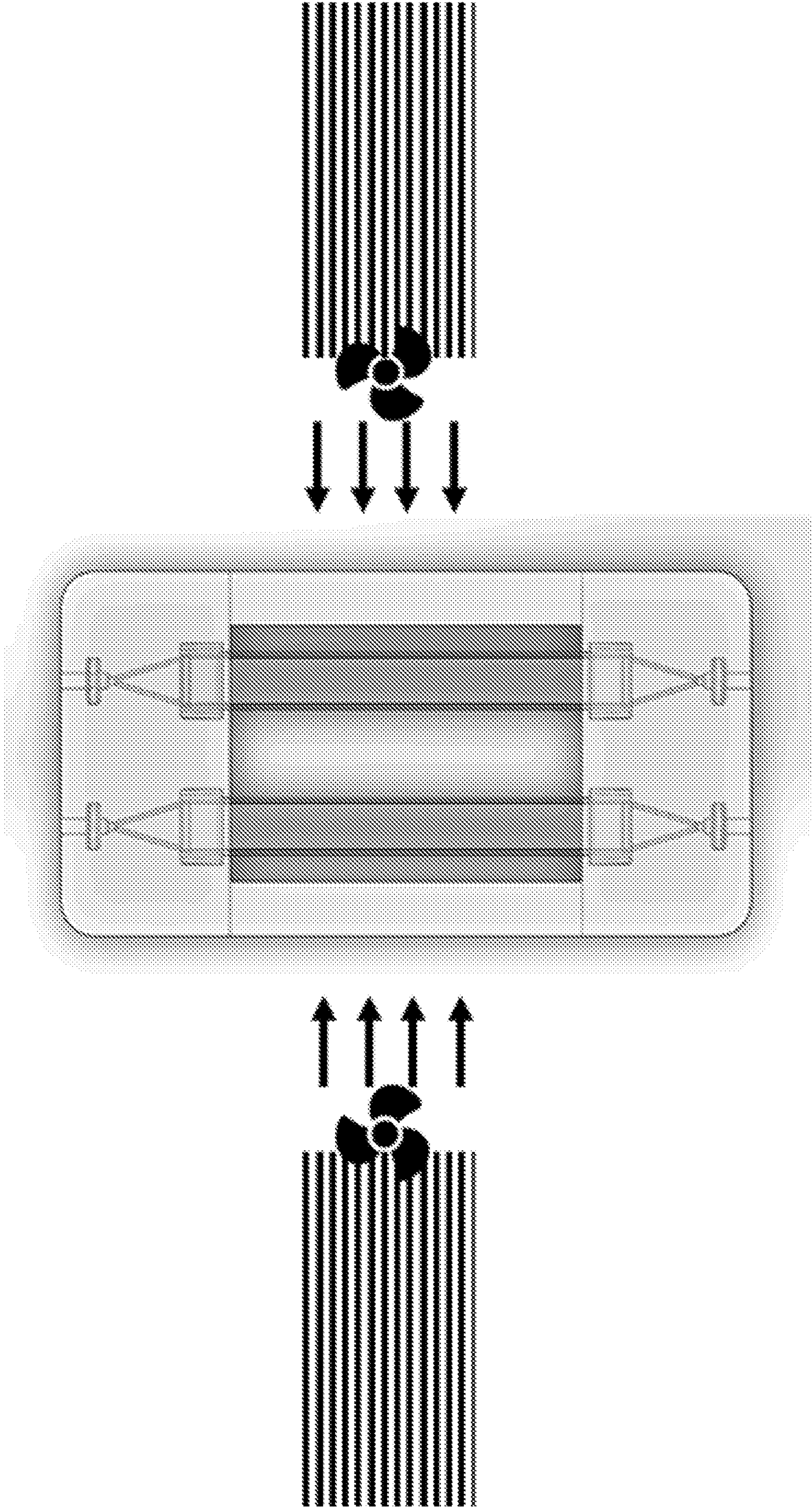


FIG. 35

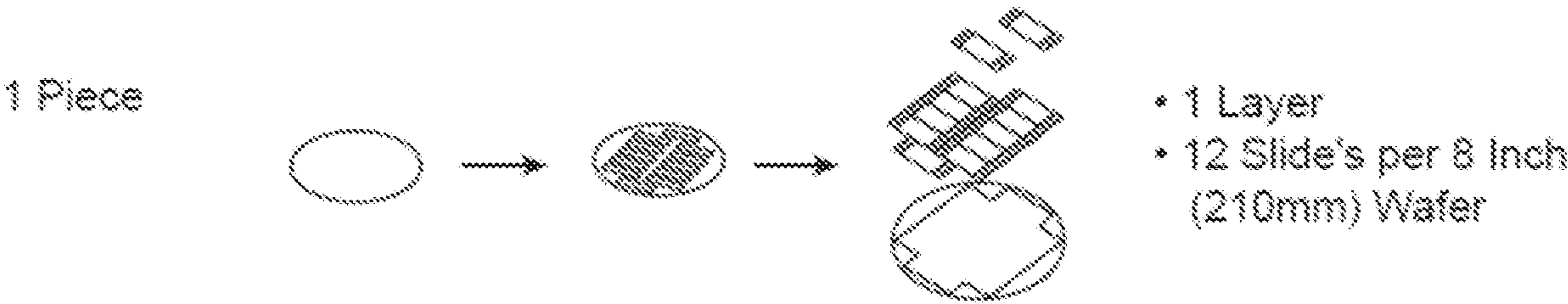


FIG. 36A

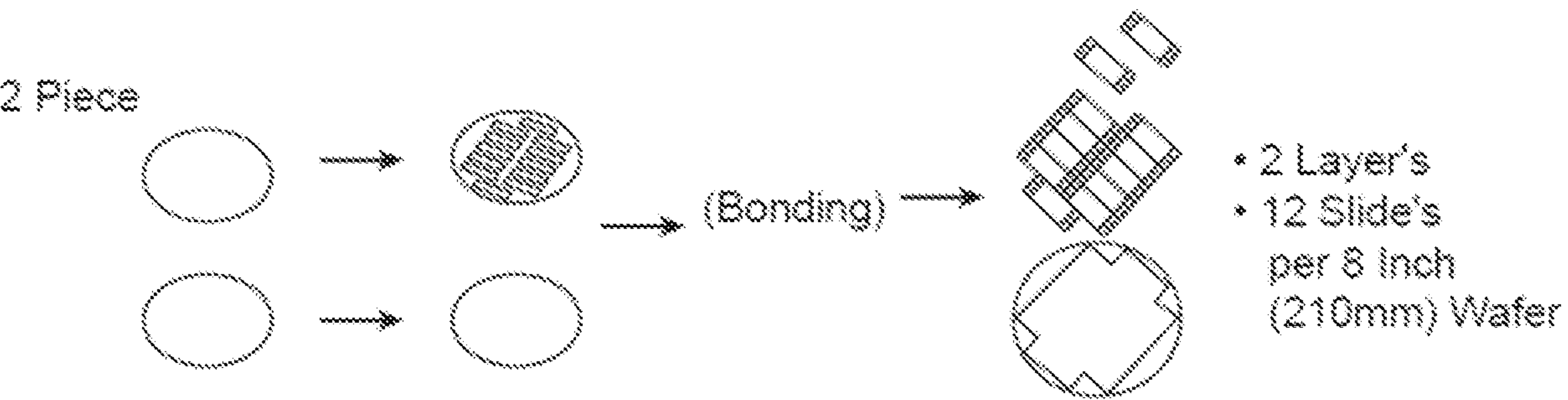


FIG. 36B

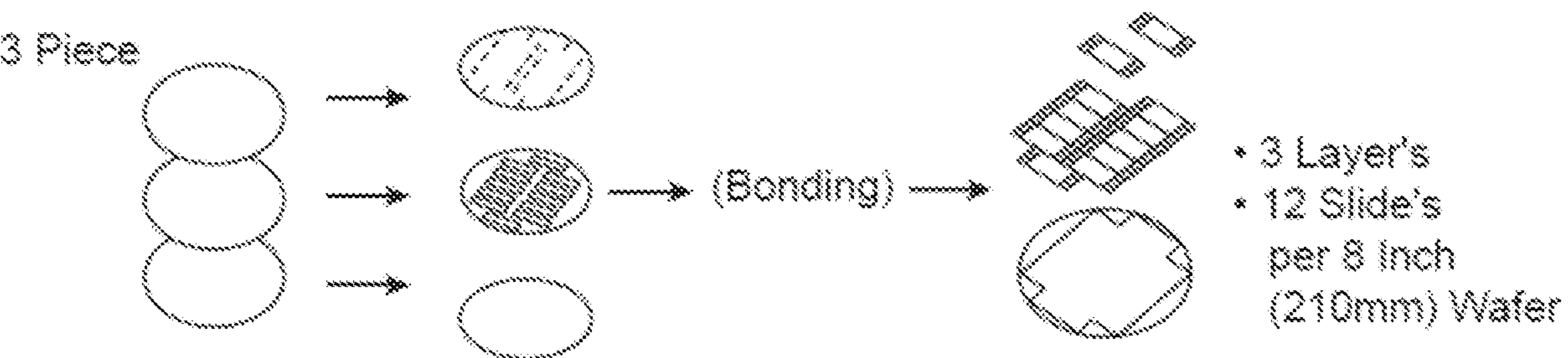


FIG. 36C

Two Lane, One piece FlowCell		
SIZE	Dwg No.	Rev.
B	302_000	@01

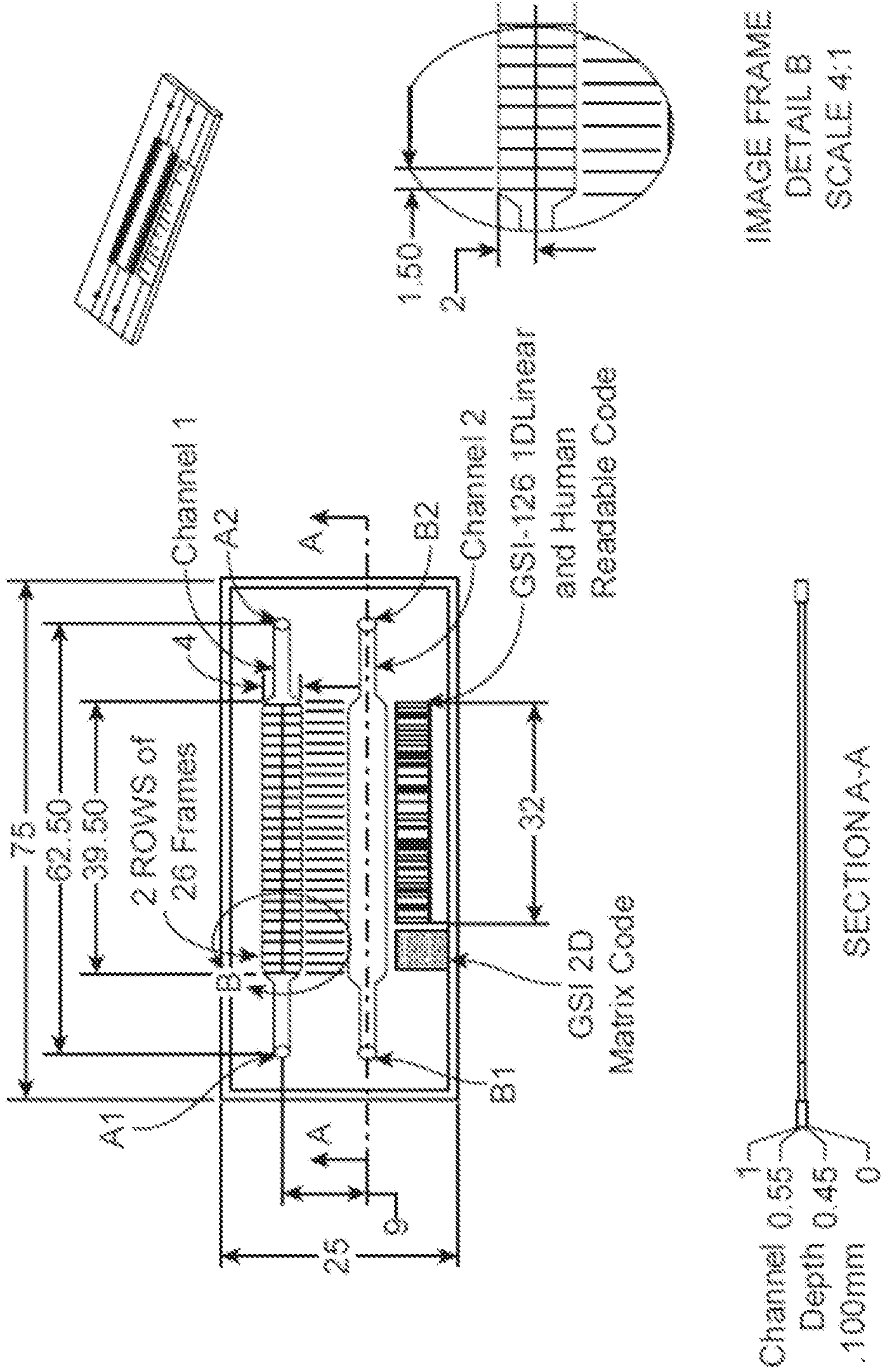


FIG. 37A

Two Lane, Two piece FlowCell		
SIZE	Dwg No.	Rev.
B	303_000	@01

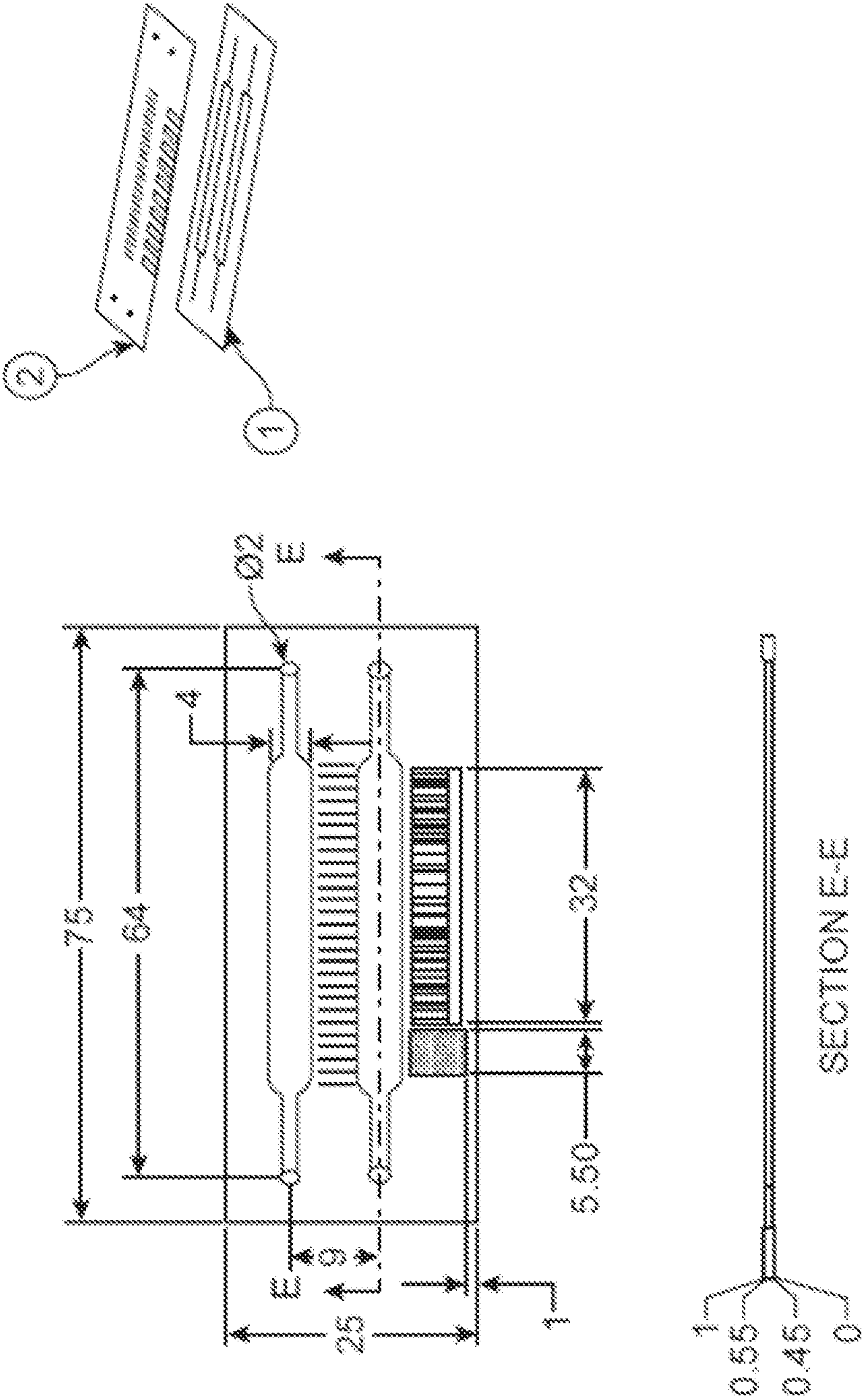
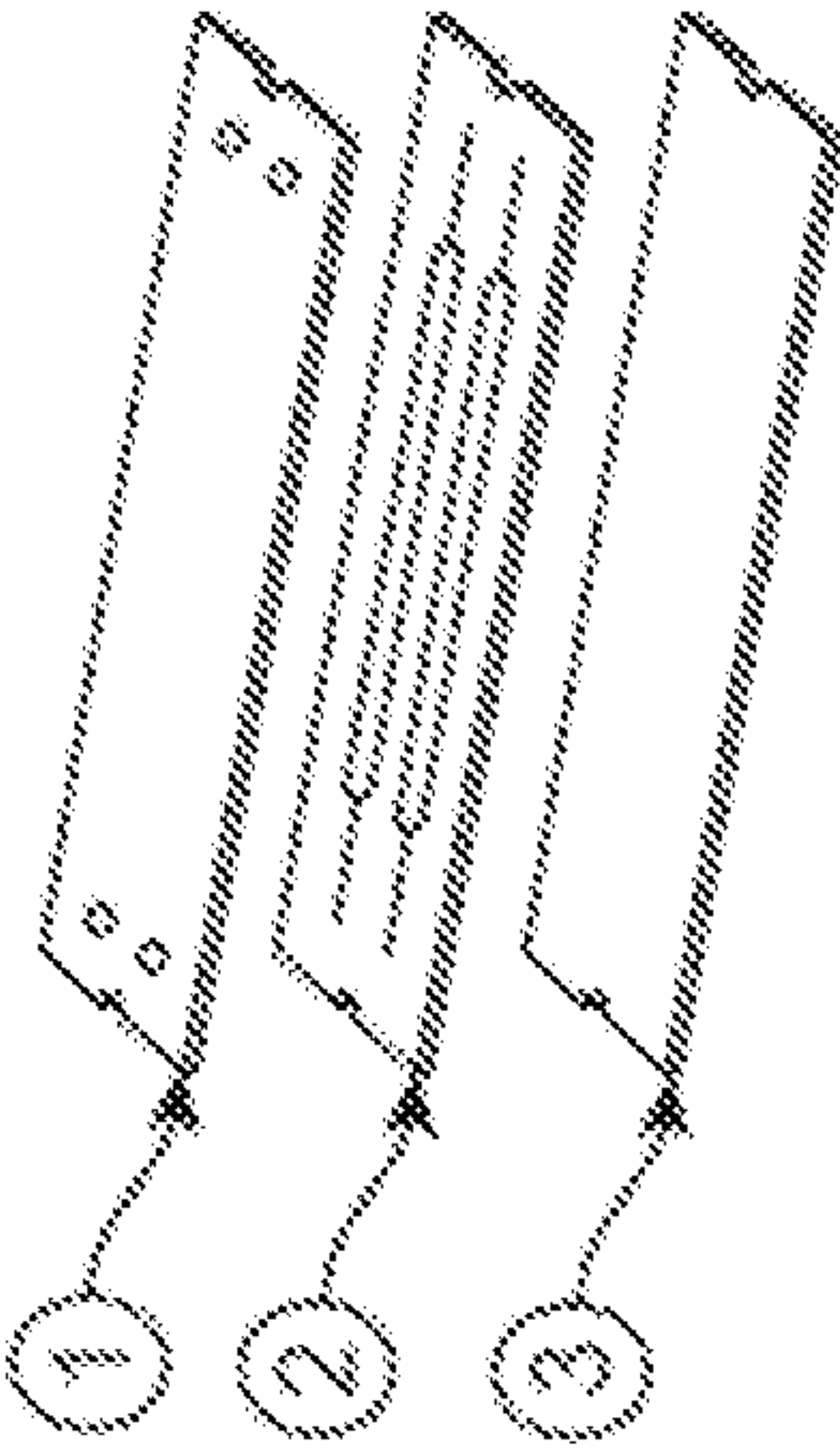
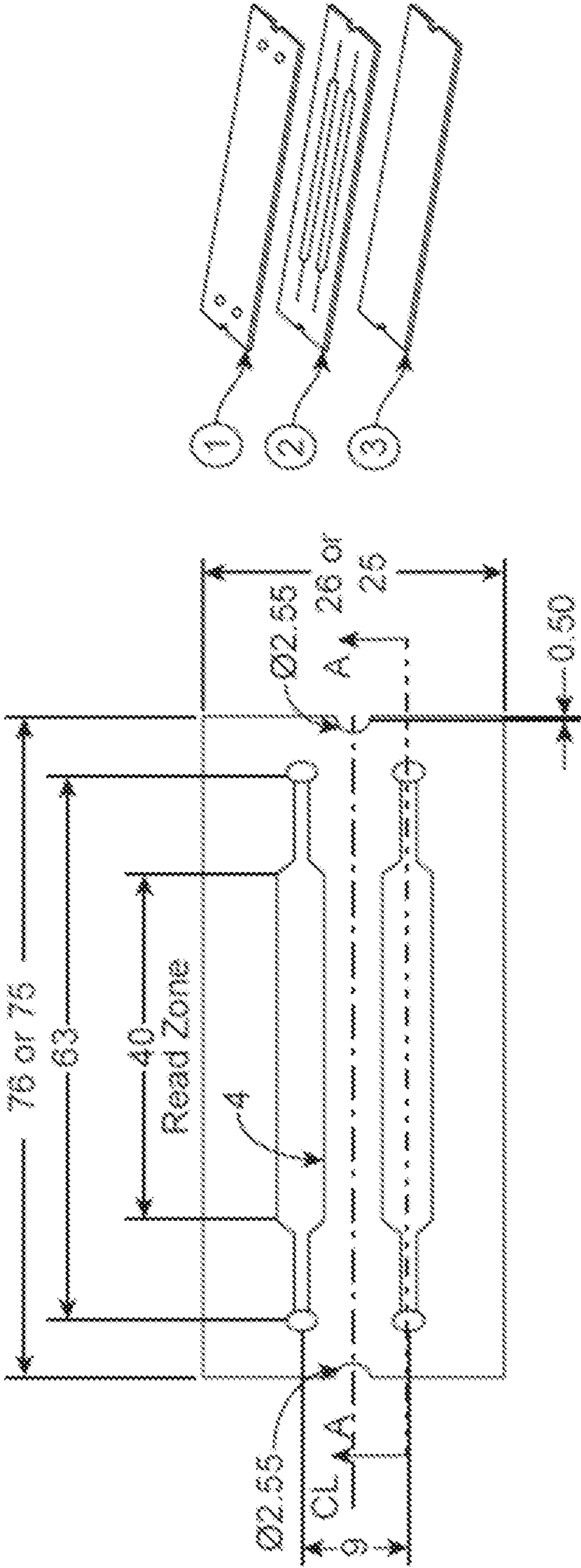
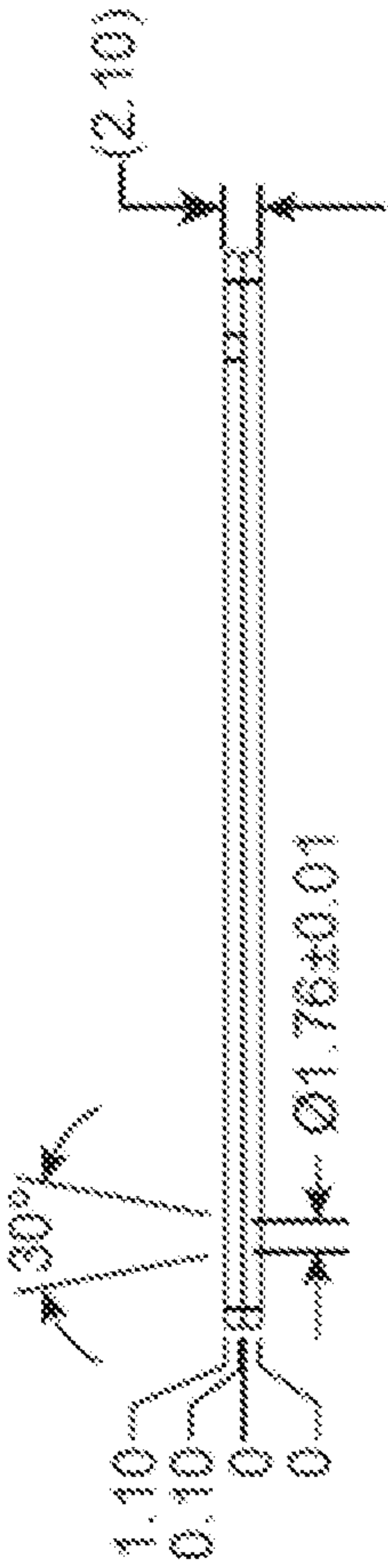


FIG. 37B

Two Lane, Three piece FlowCell		
SIZE	Dwg No.	Rev.
B	312_000	001



BOM Table			
ITEM NO.	Number	DESCRIPTION	QTY.
1	311_0001	Inlet Layer, Eight Lane FlowCell	1
2	311_0002	Channel Layer, Eight Lane FlowCell	1
3	311_0003	Base Layer, Eight Lane FlowCell	1



SECTION A-A

FIG. 37C

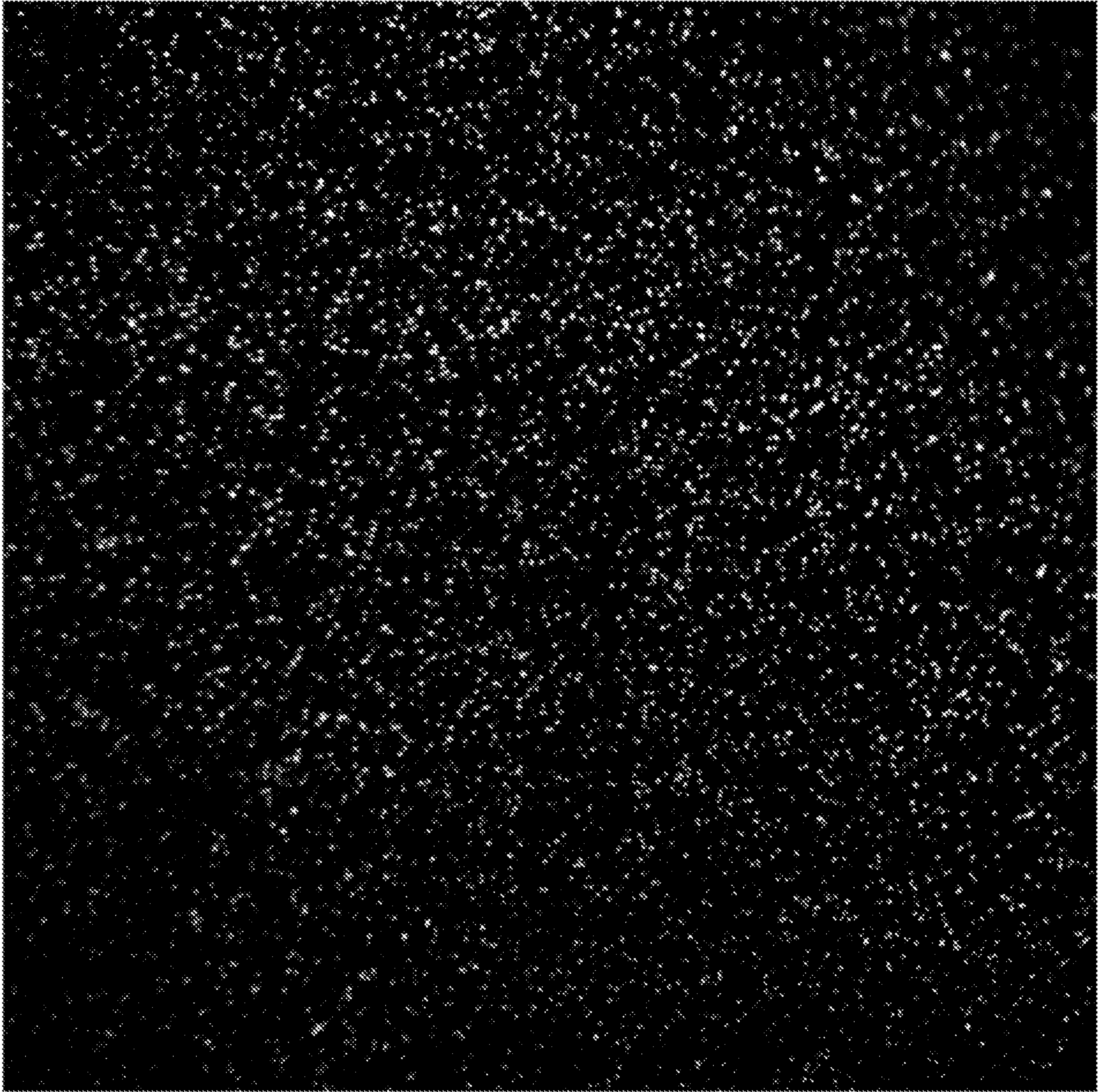


FIG. 38

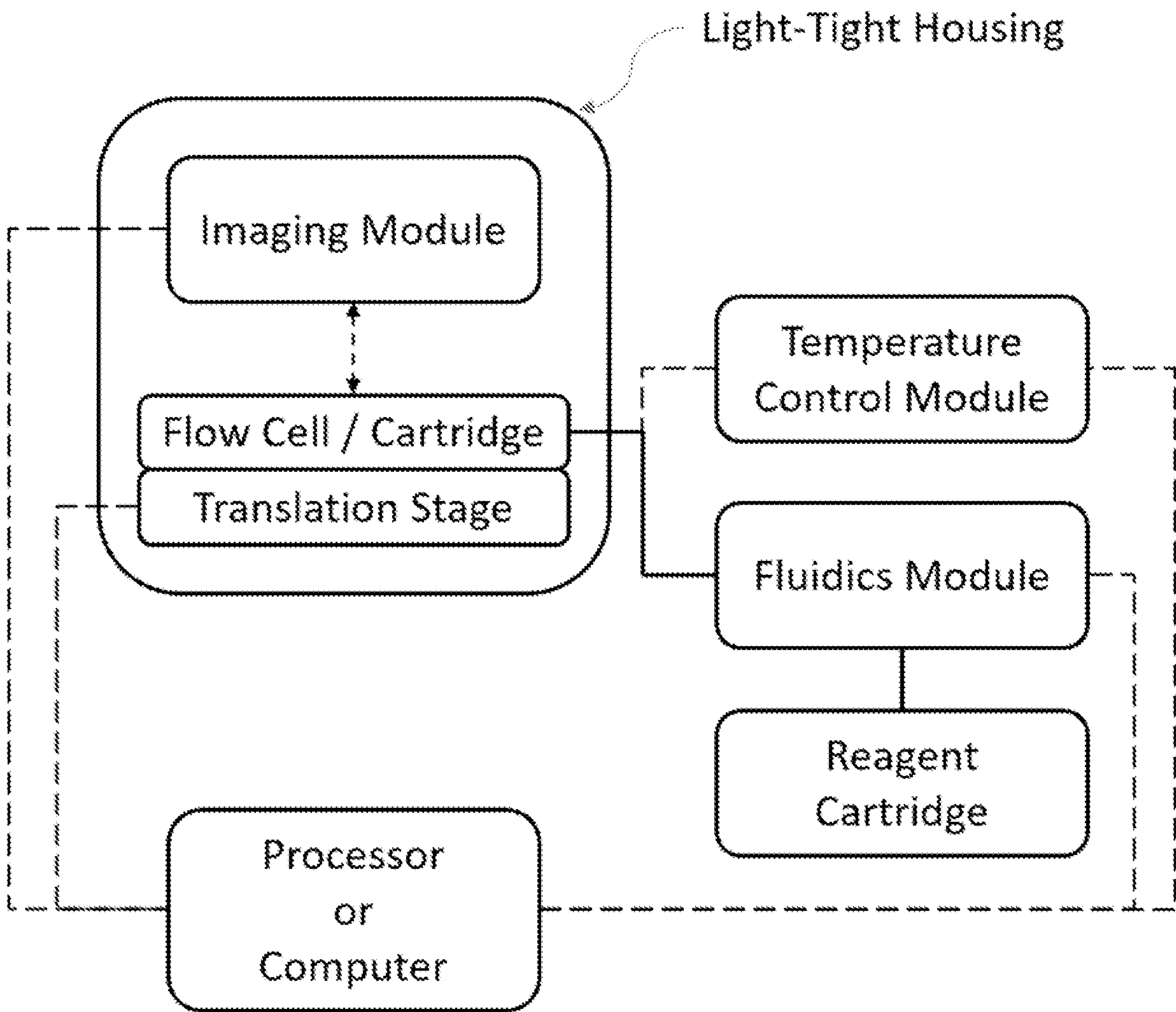


FIG. 39

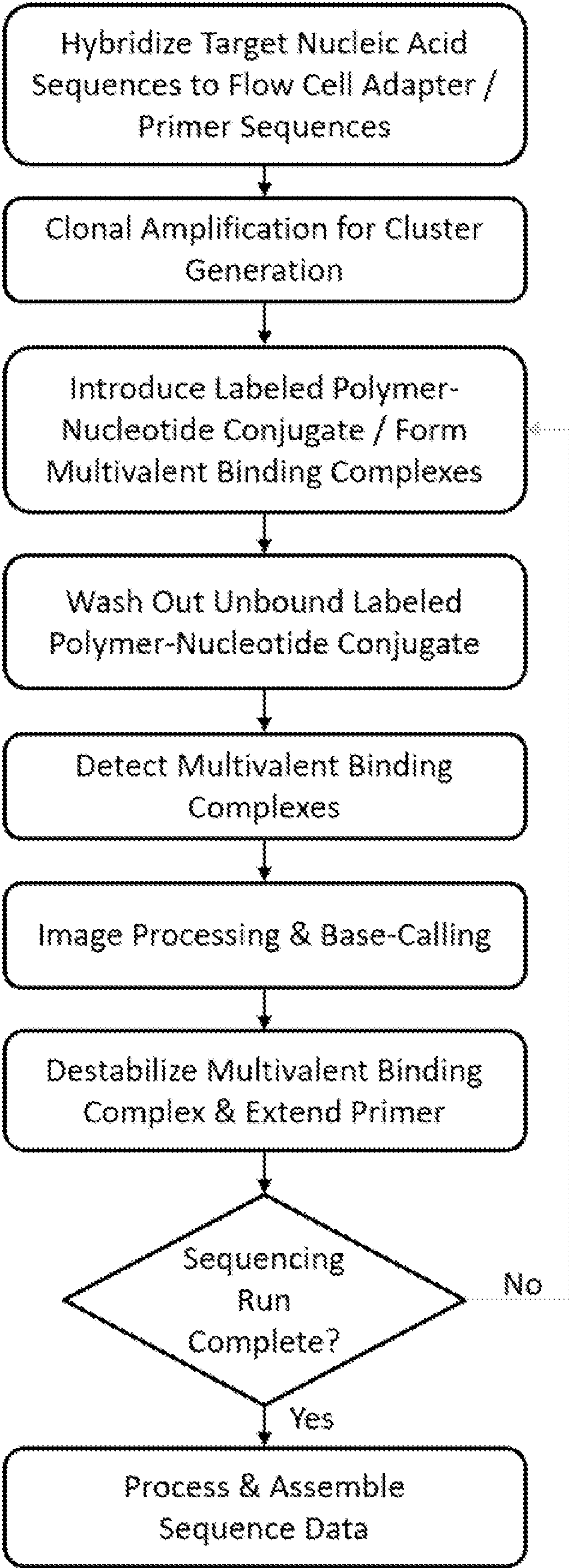


FIG. 40

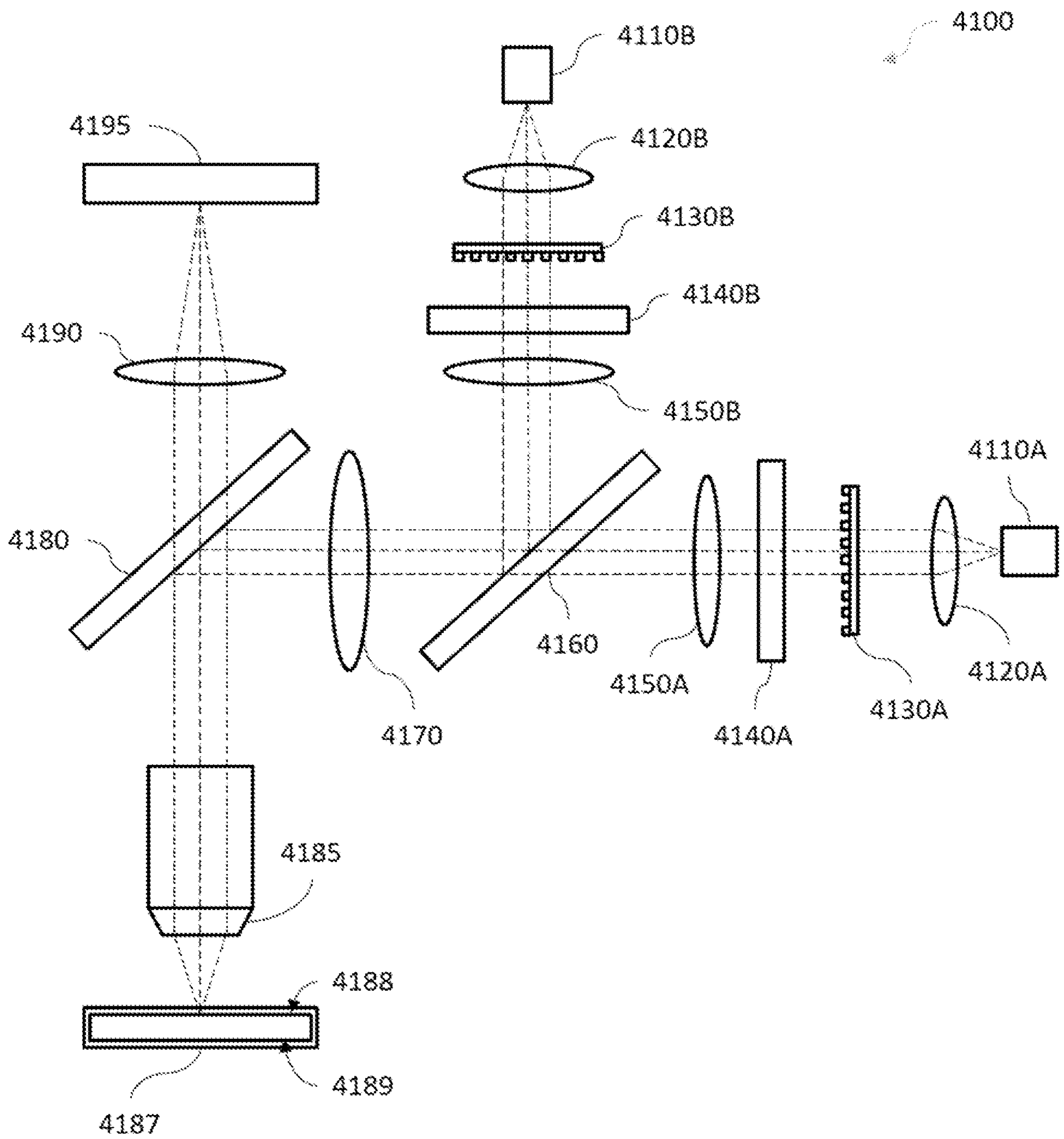


FIG. 41

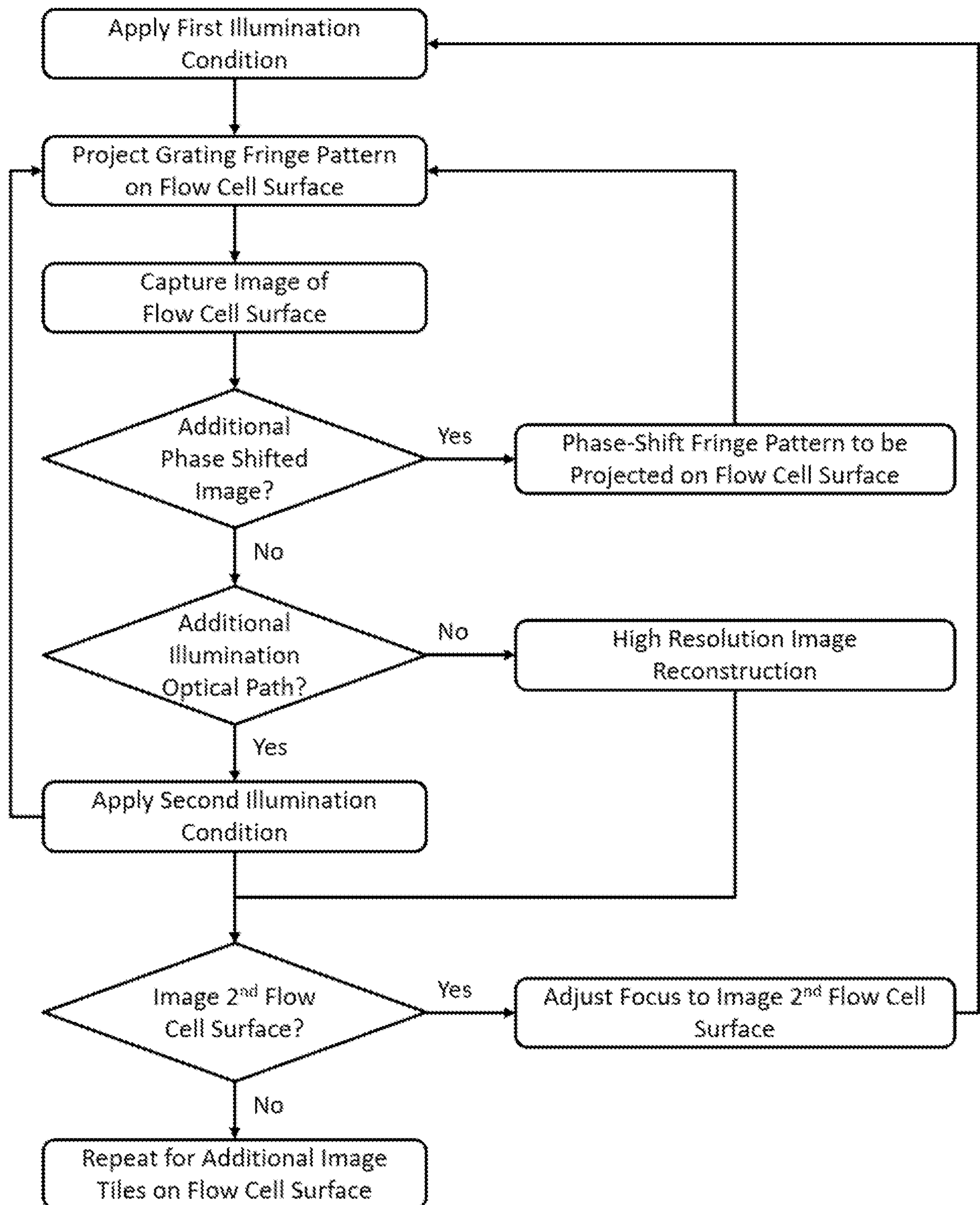


FIG. 42

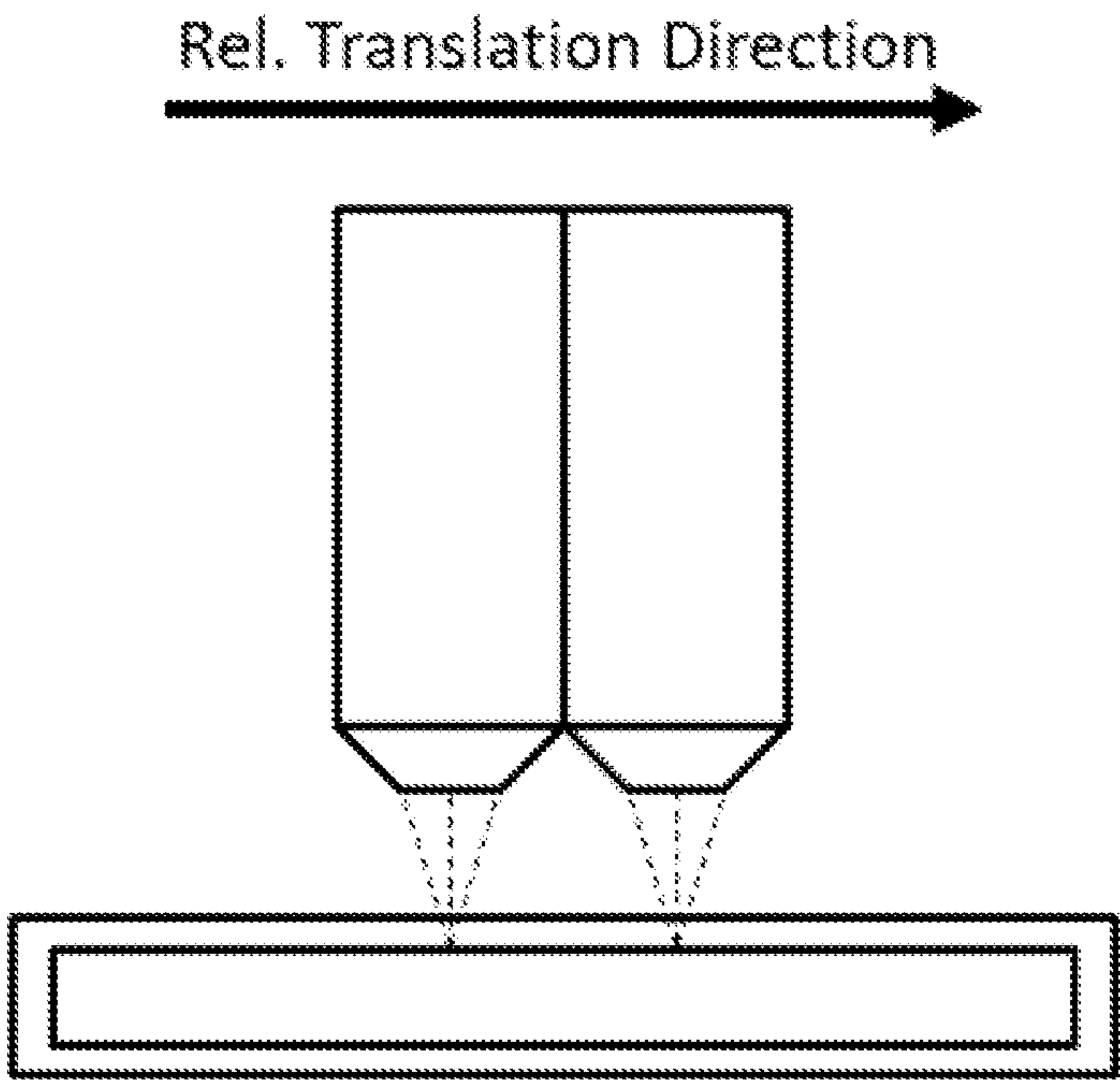


FIG. 43A

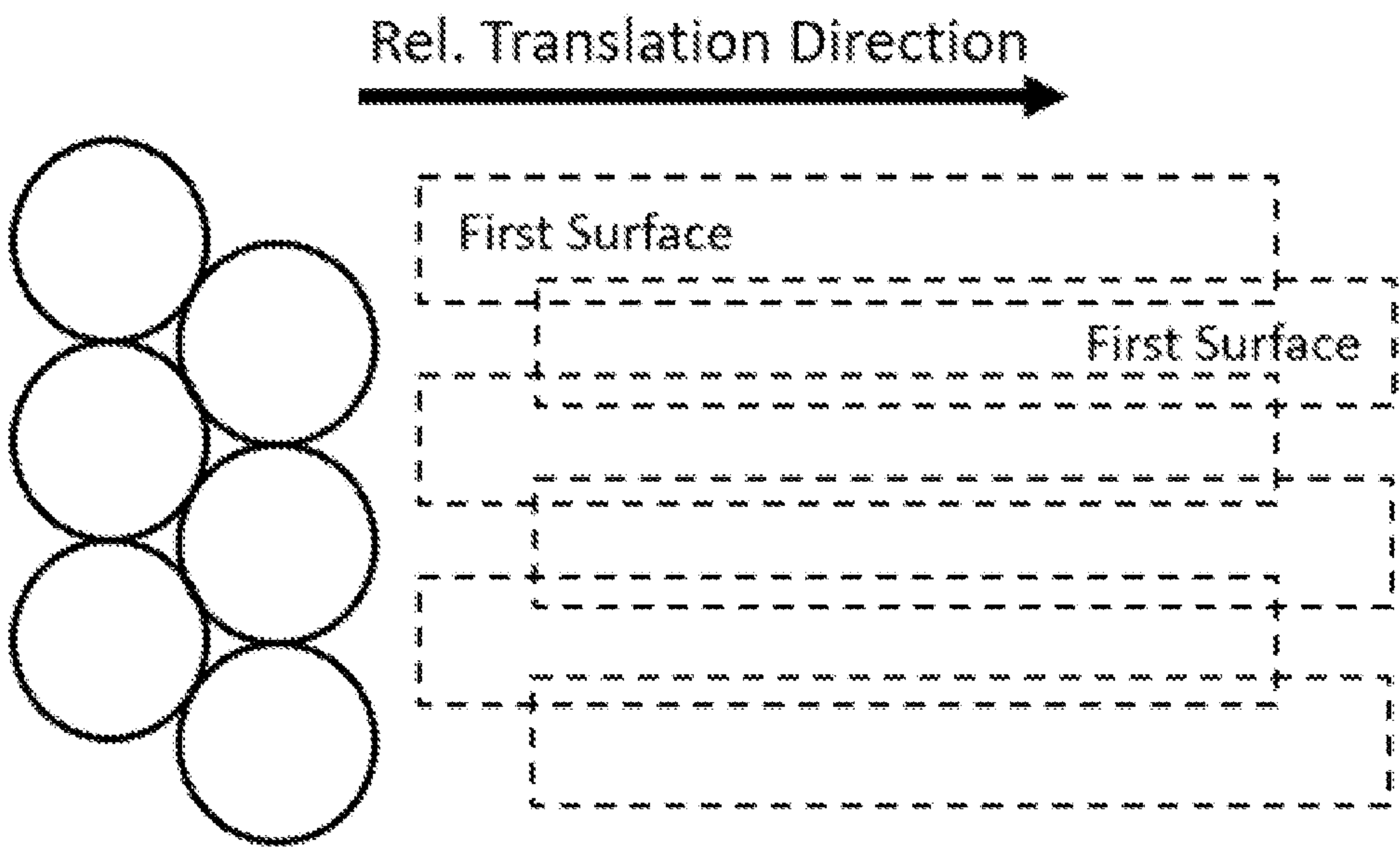


FIG. 43B

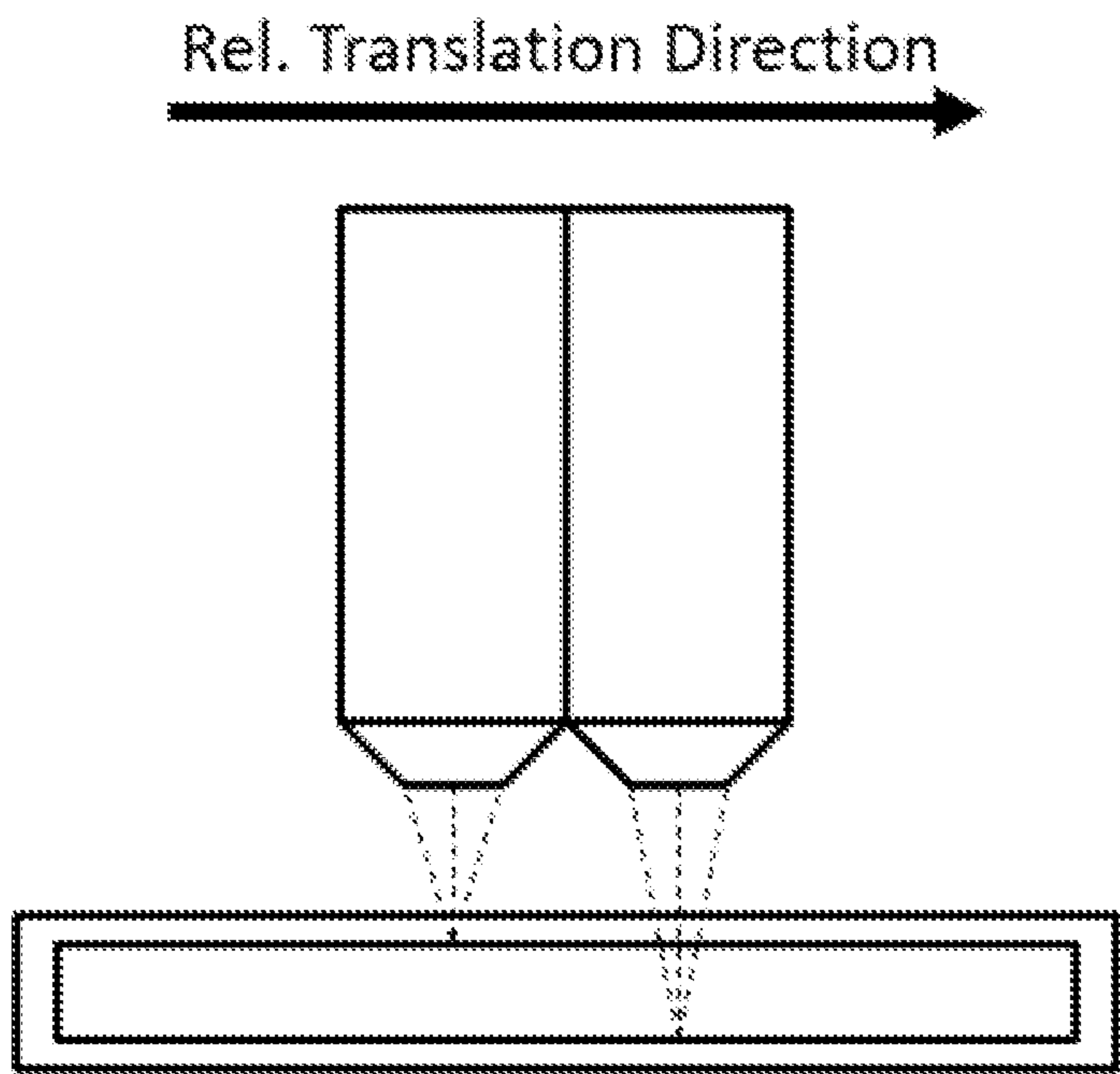


FIG. 44A

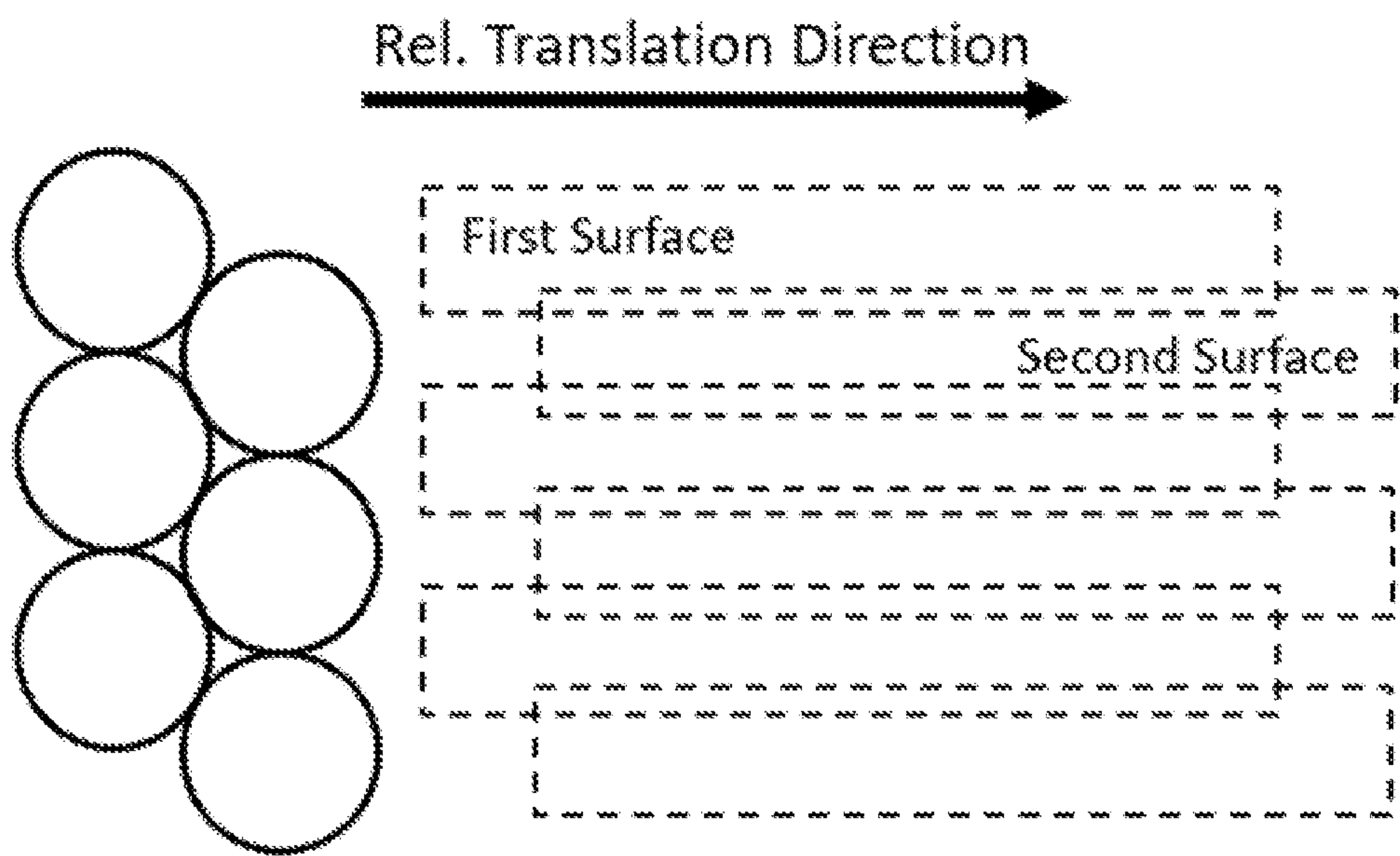


FIG. 44B