

Paramagnetic Material

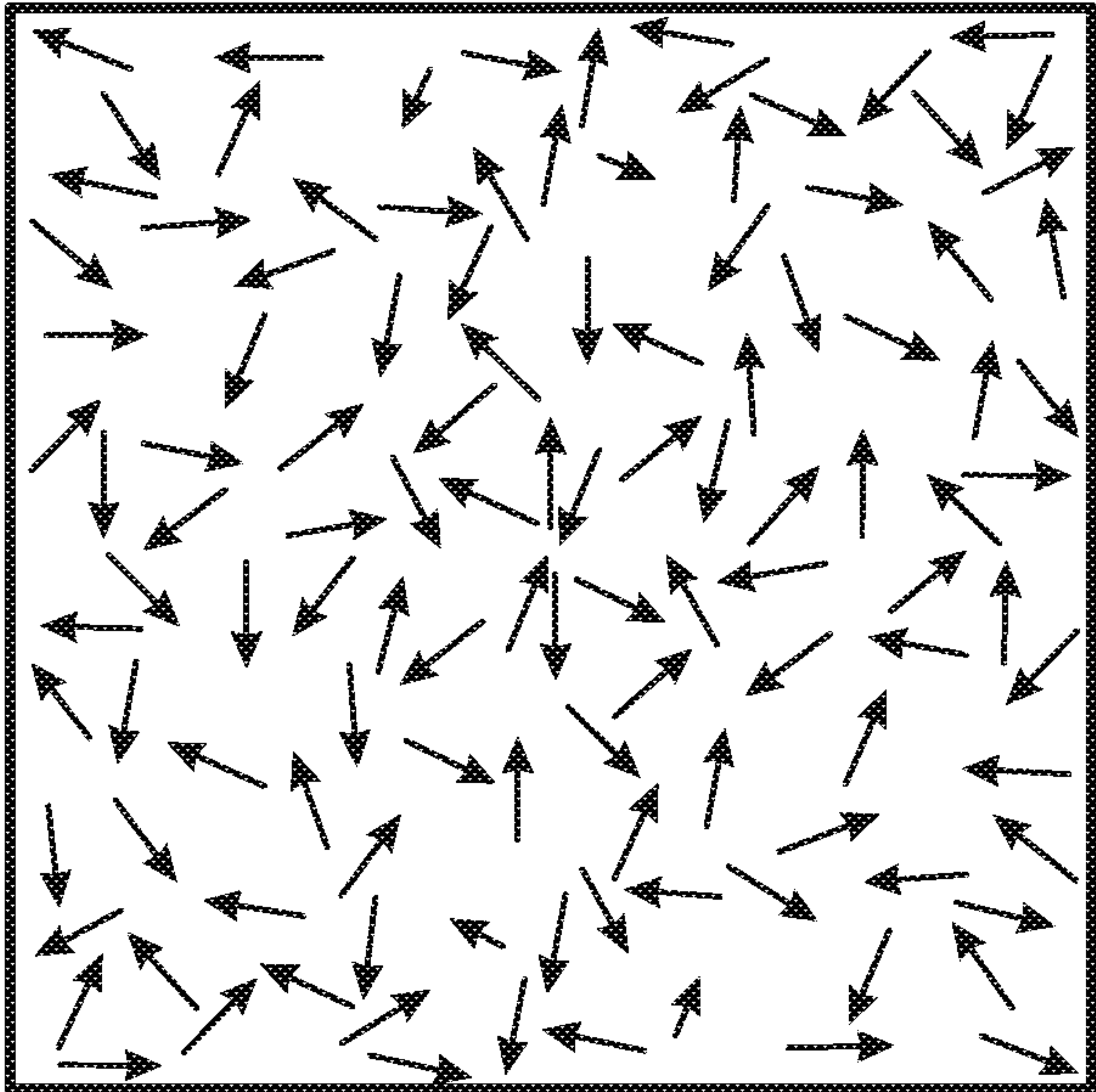


FIG. 1A

Ferromagnetic Material

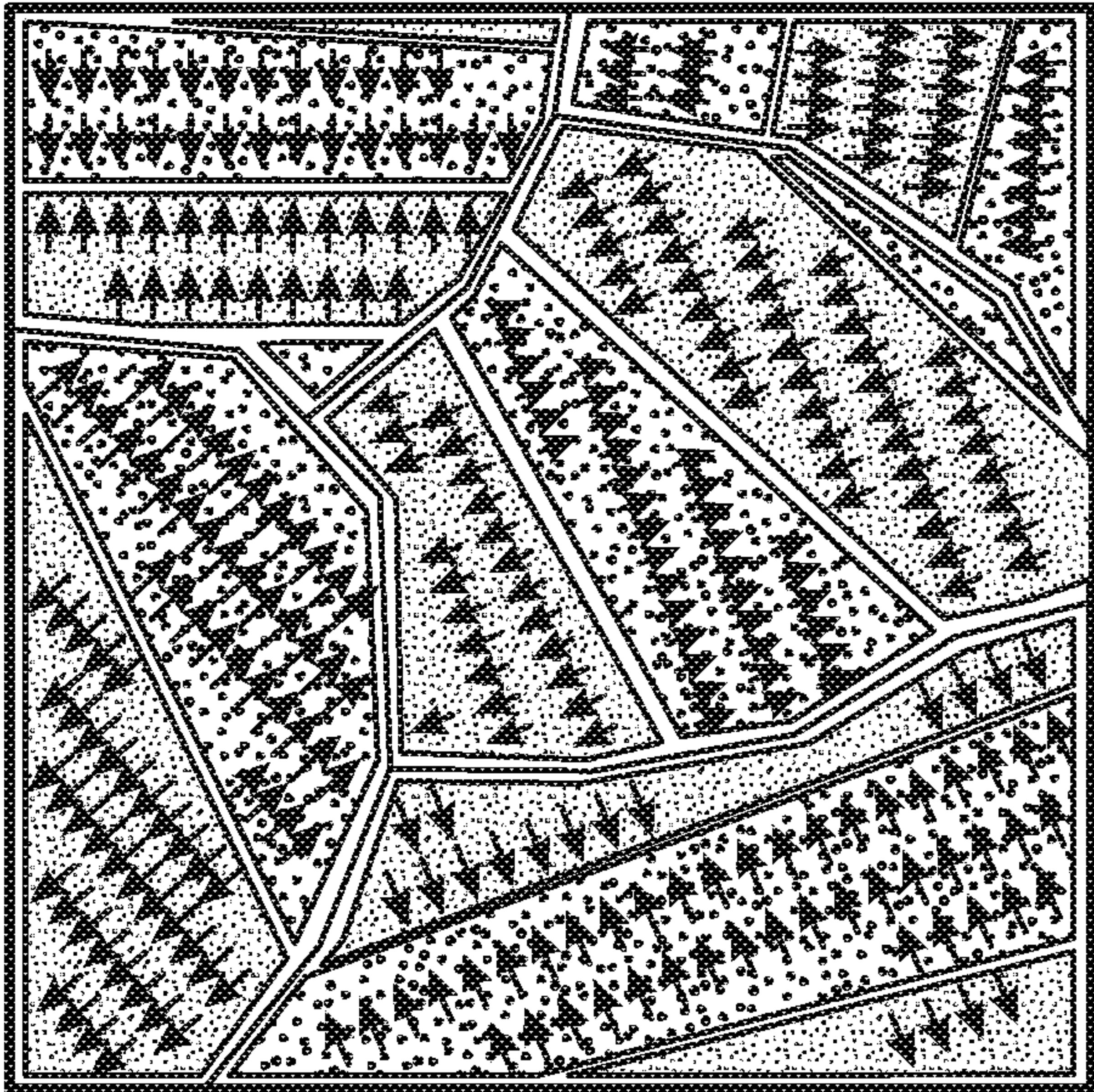


FIG. 1B

Antiferromagnetic Material

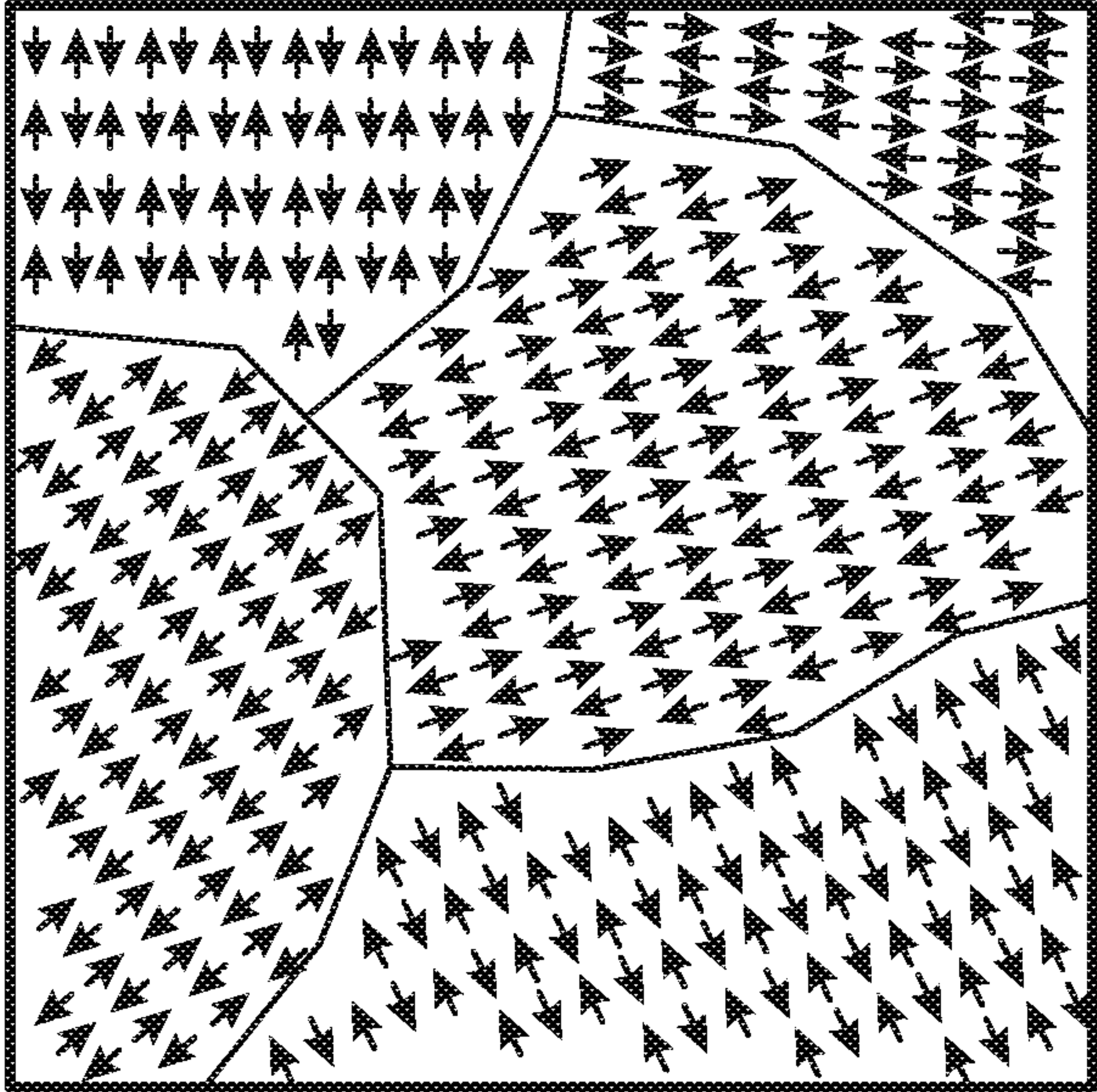


FIG. 1C

Ferrimagnetic Material

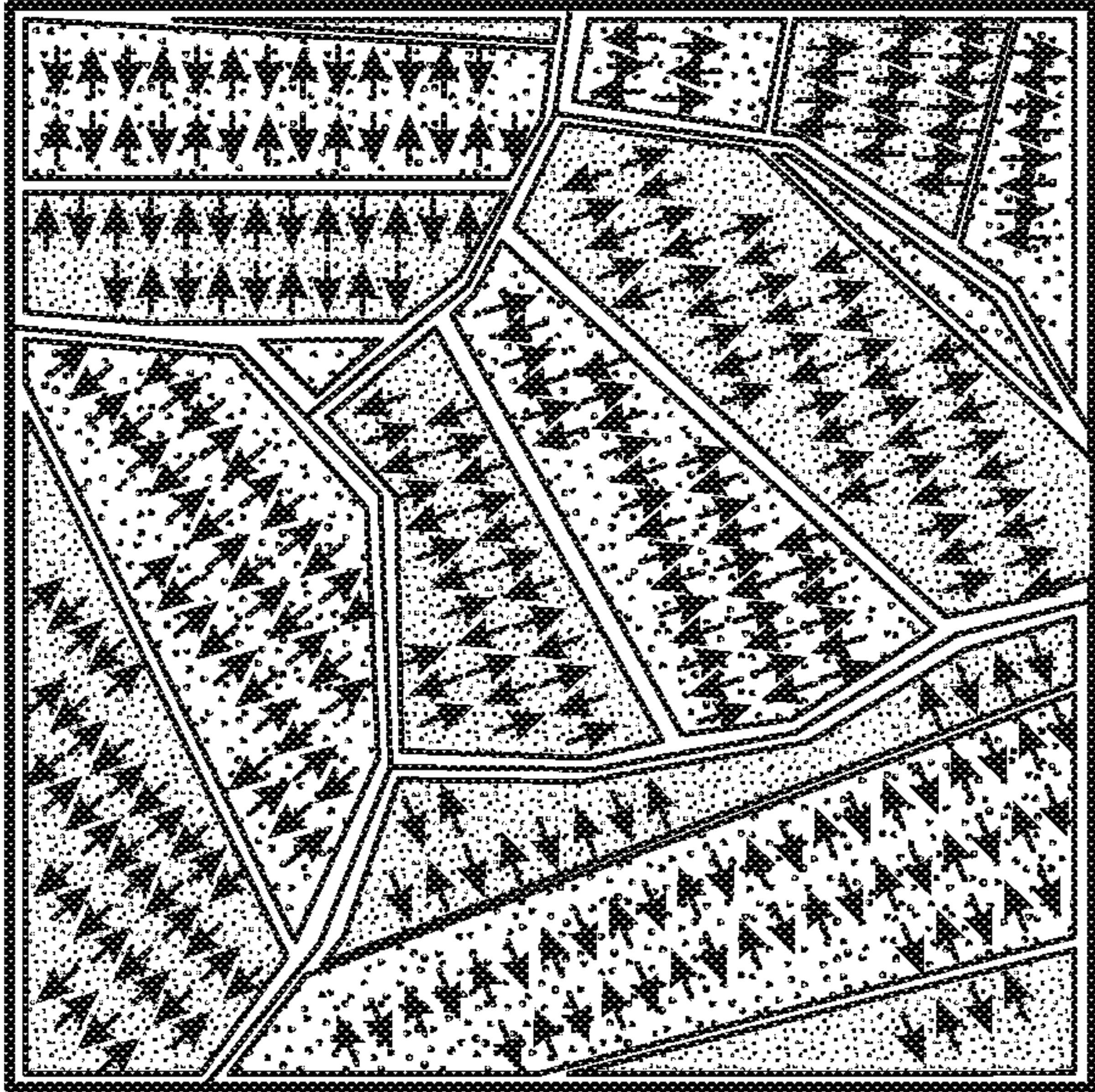
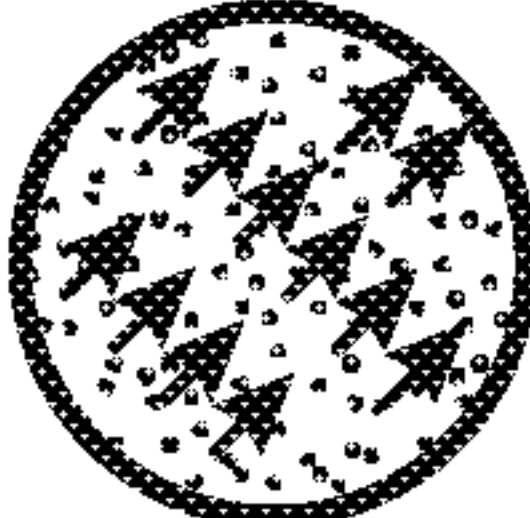
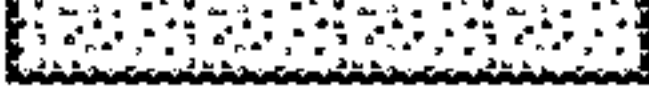


FIG. 1D


Superparamagnetic
Particle Made from
Ferromagnetic Material


Superparamagnetic
Particle Made from
Ferrimagnetic Material

	Material Boundary
	Crystal Grain Boundary
	Magnetic Spin Structure
	Magnetic Domains (Color Indicates Opposing Magnetic Spin Orientation Within the Crystal Grain)
	

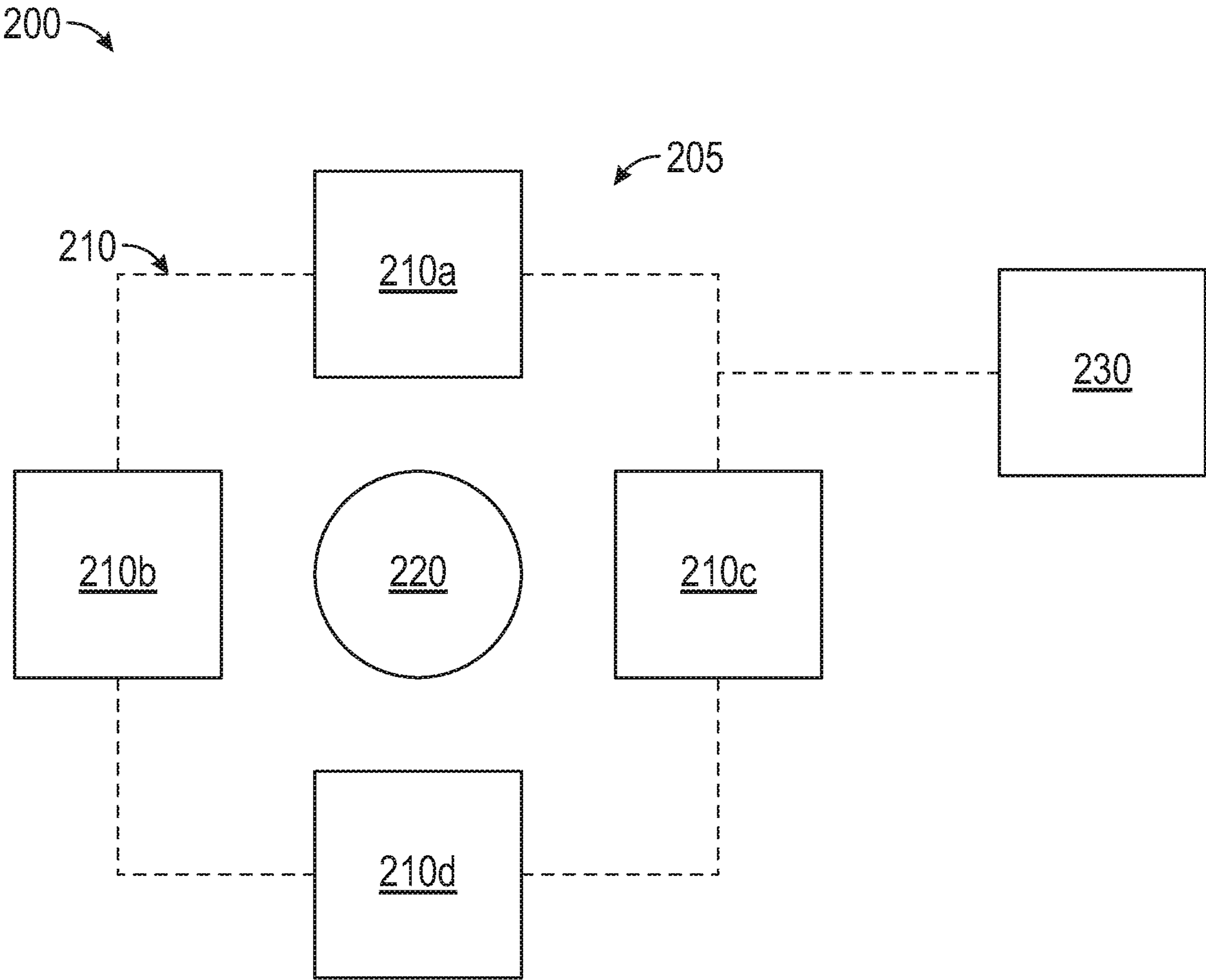


FIG. 2

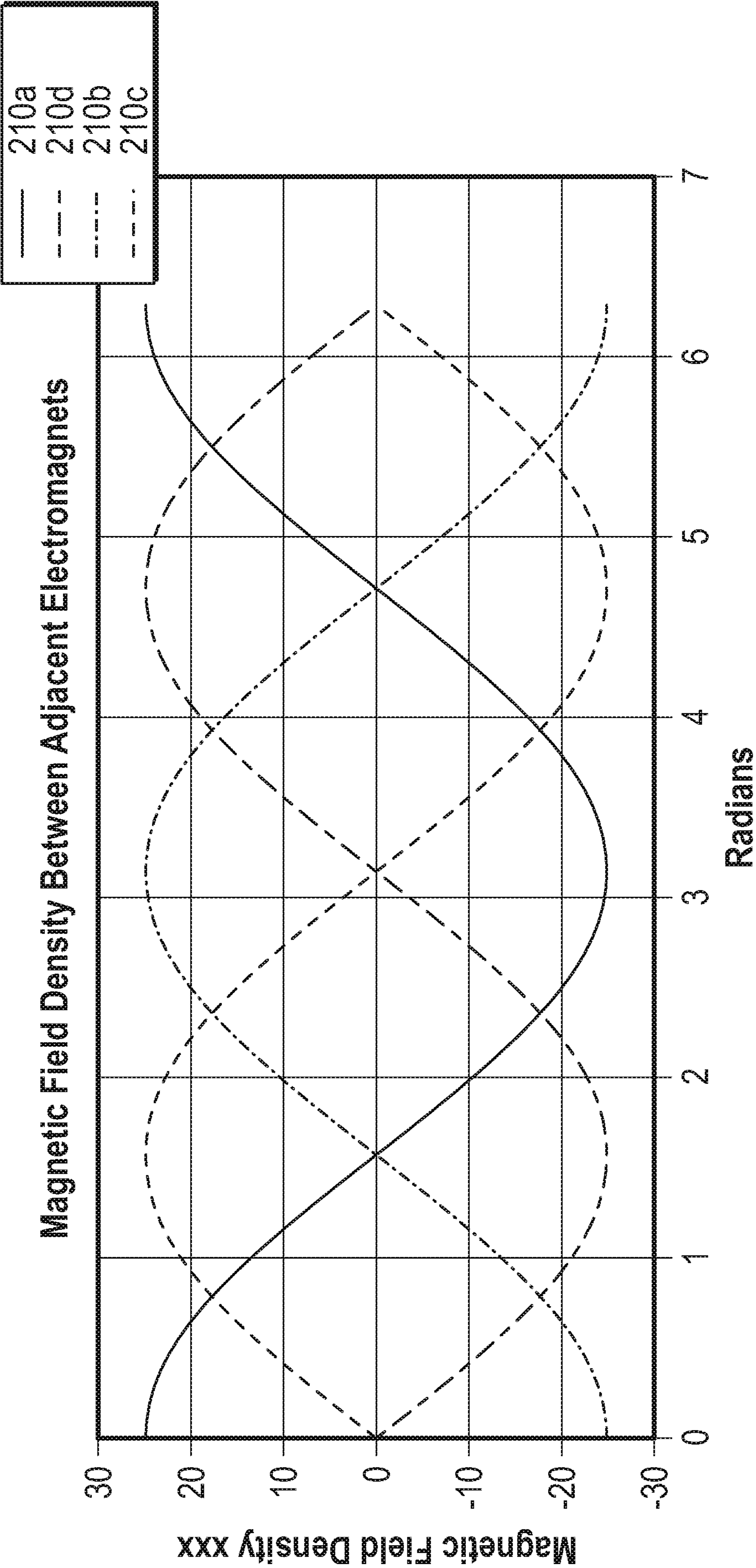


FIG. 3

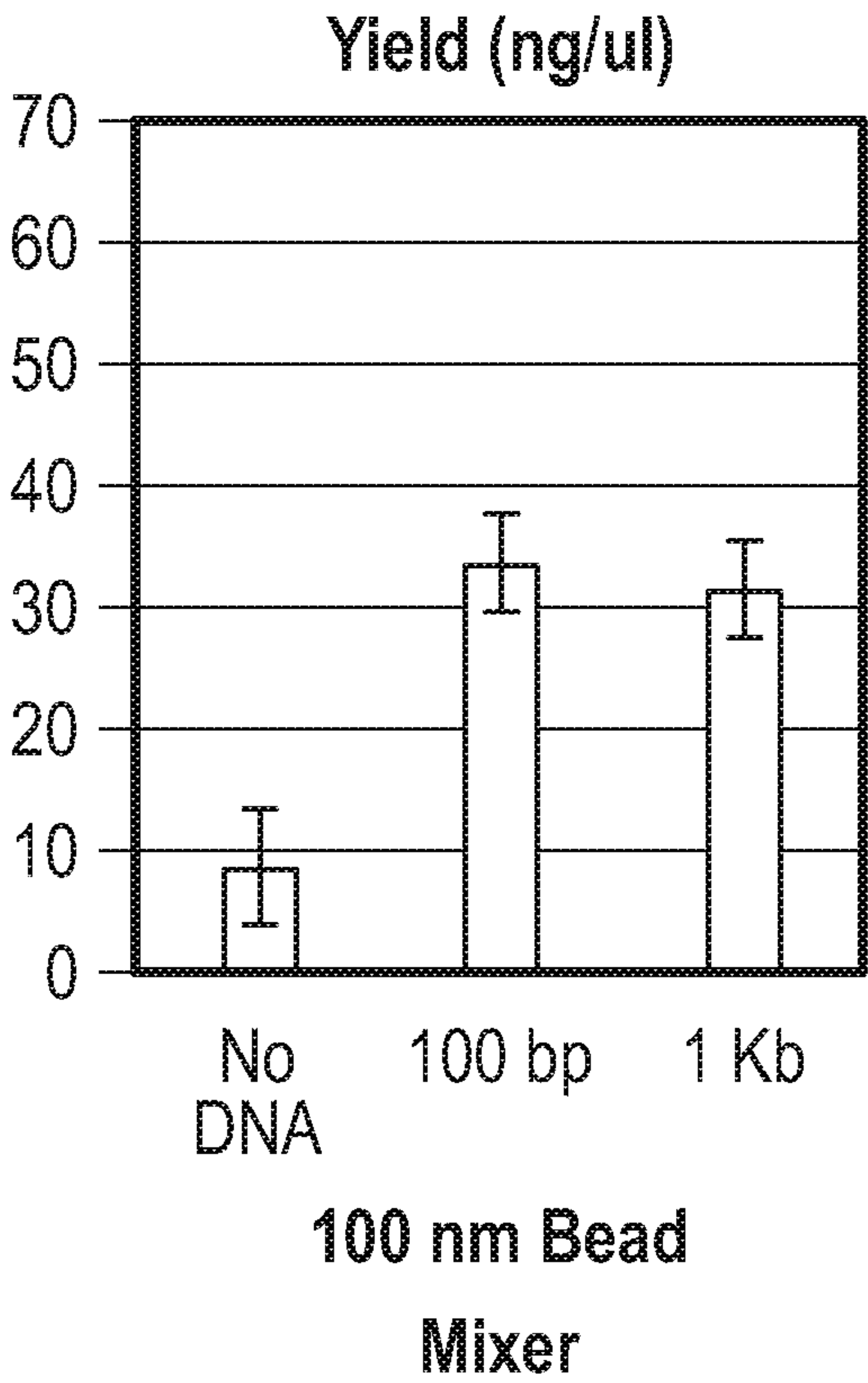


FIG. 4A

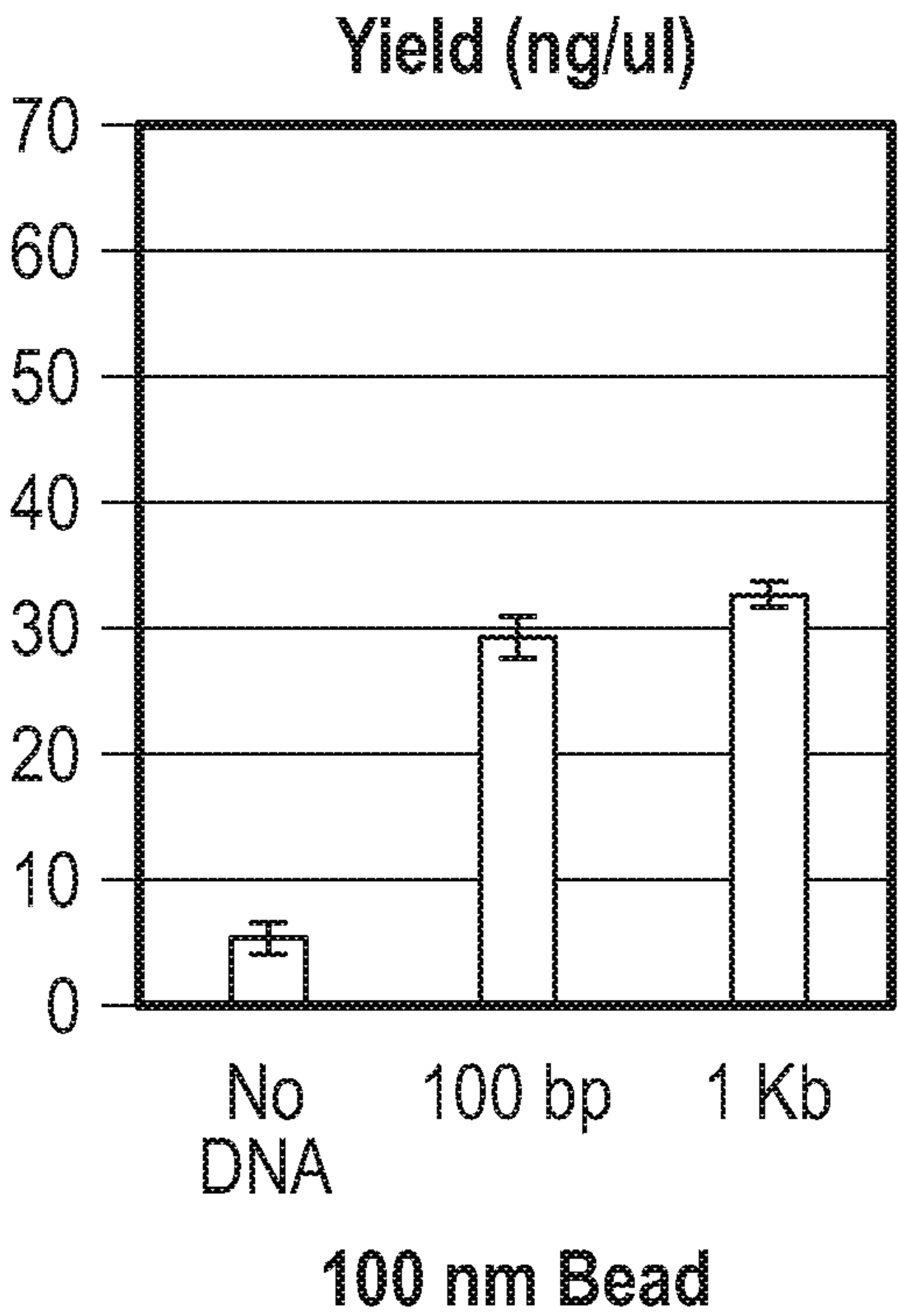


FIG. 4B

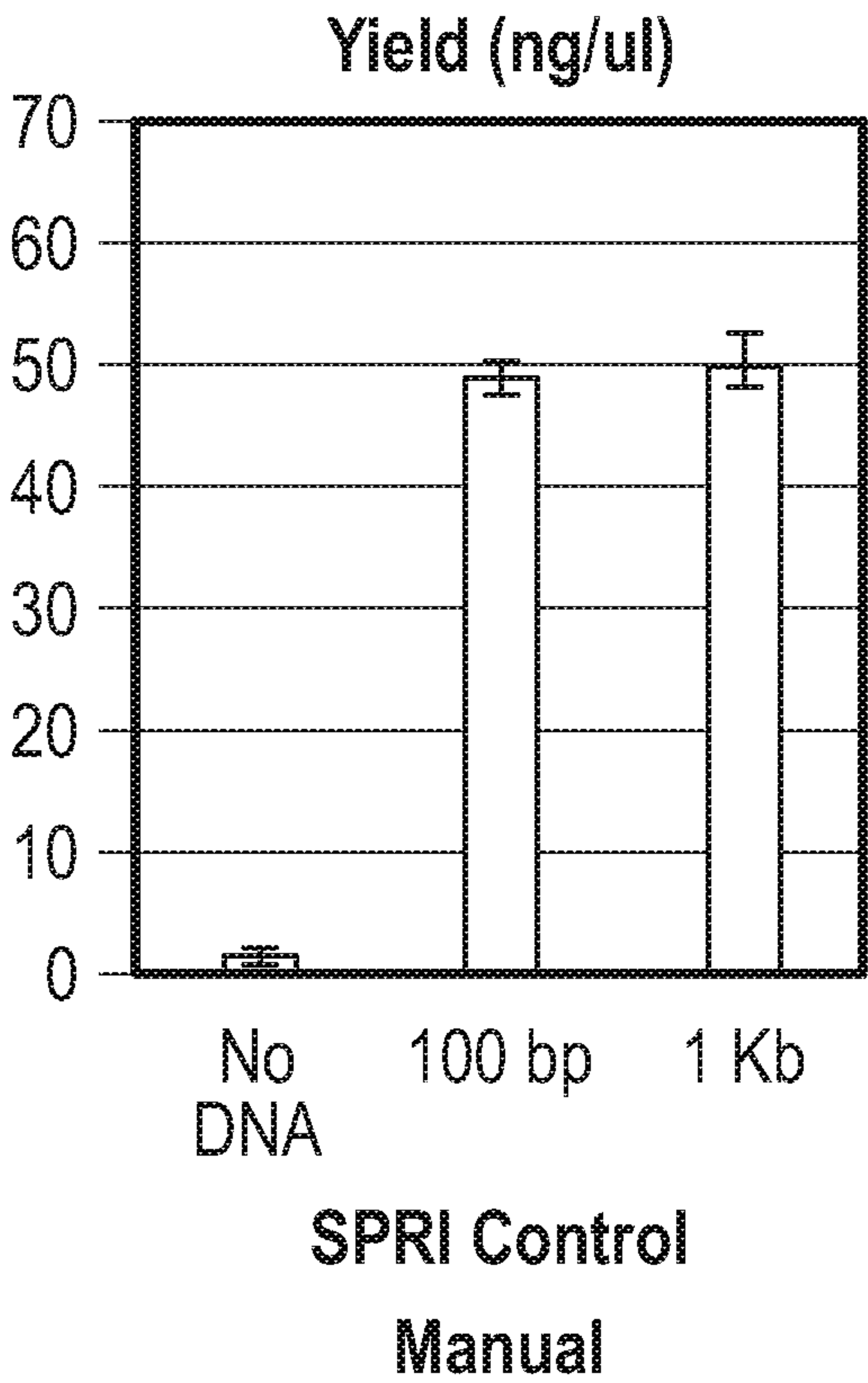


FIG. 4C

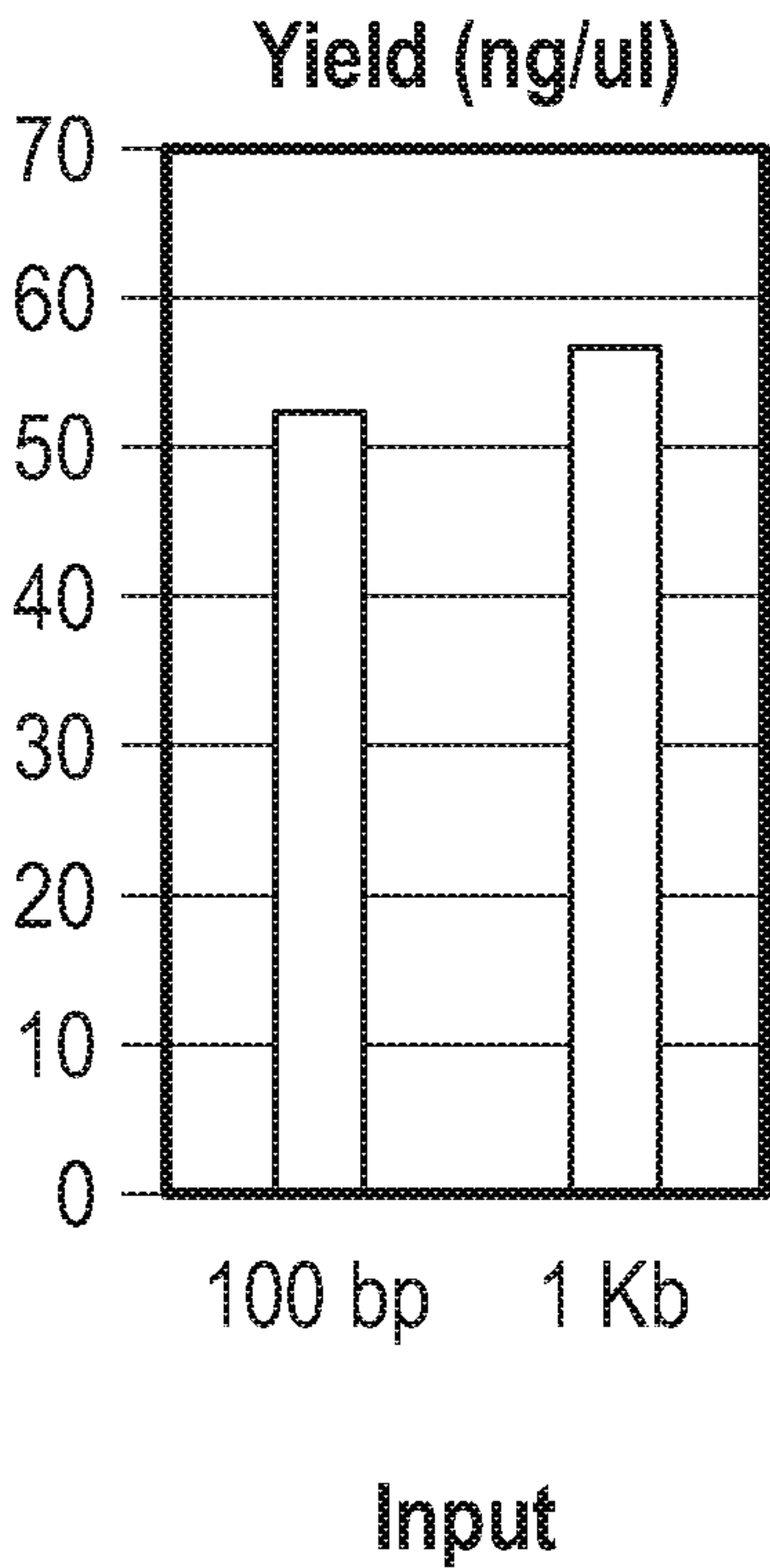


FIG. 4D

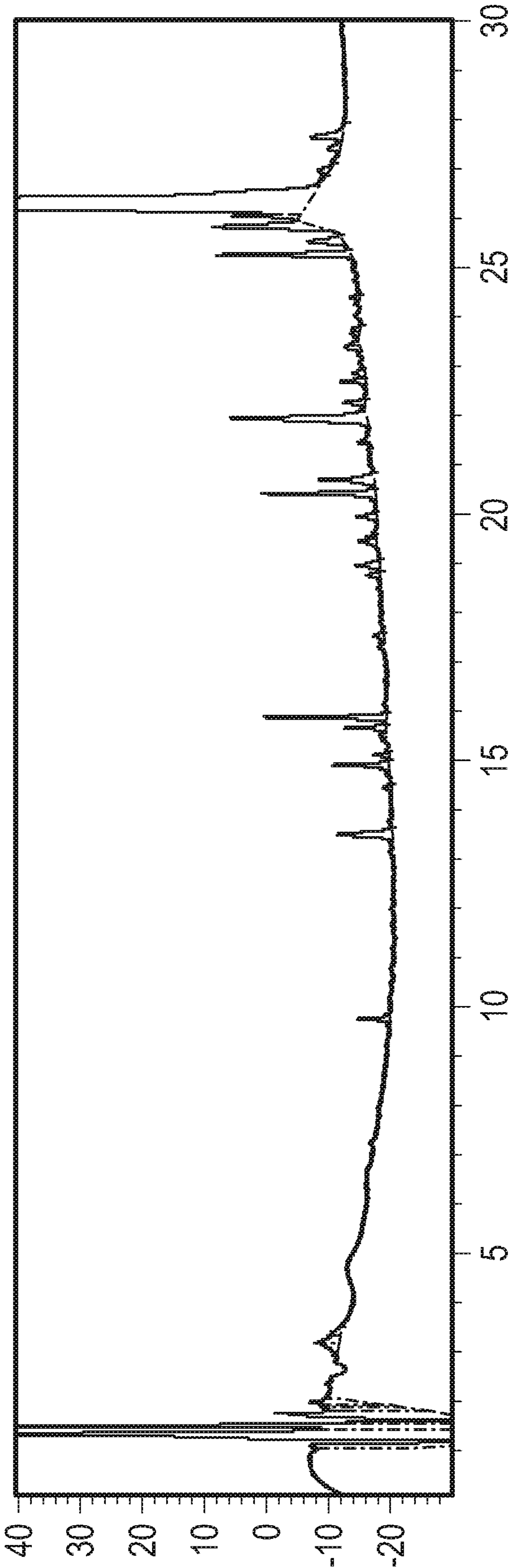


FIG. 5