

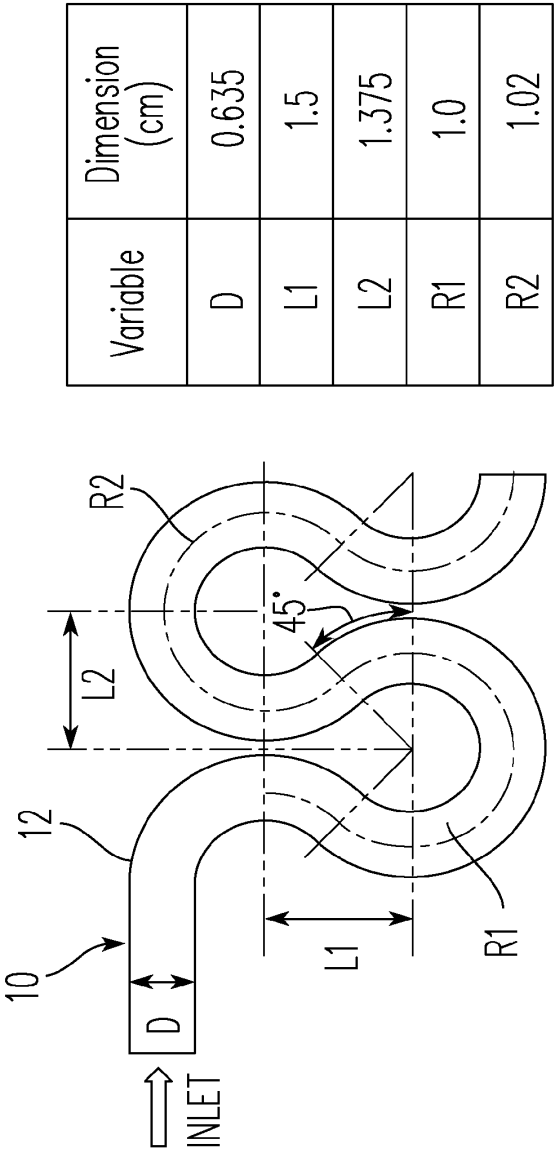
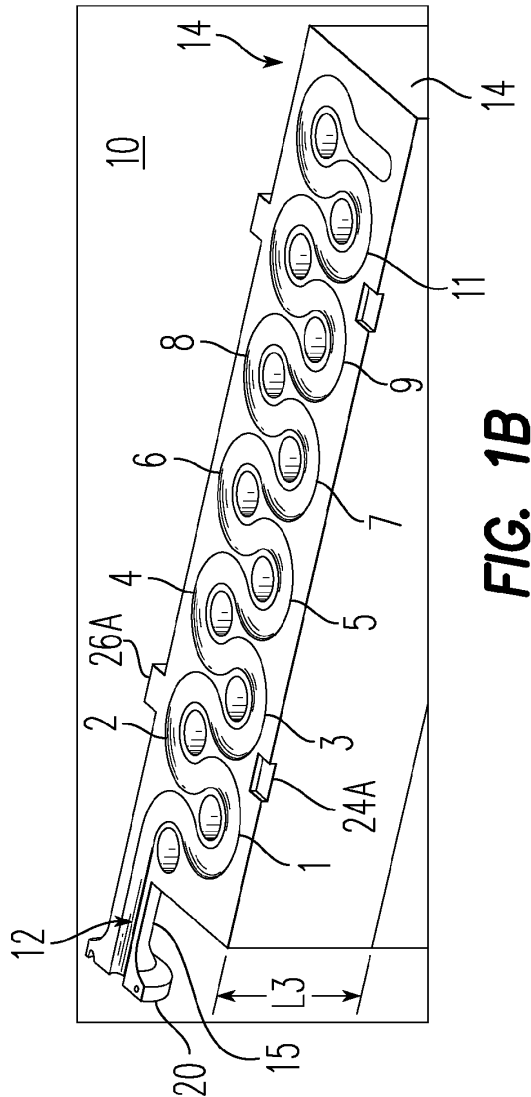
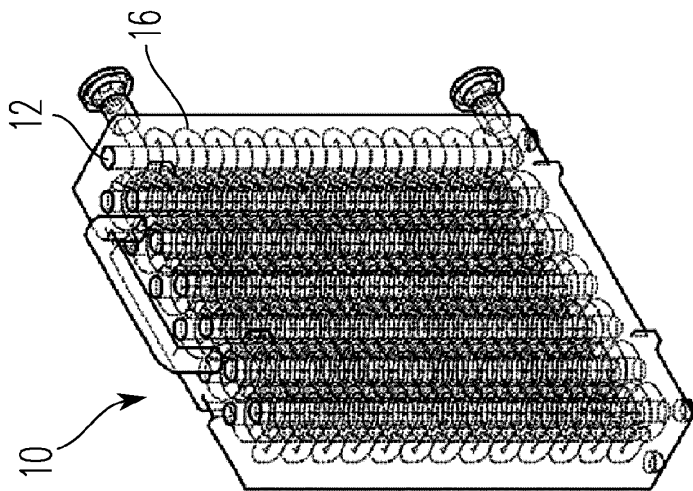


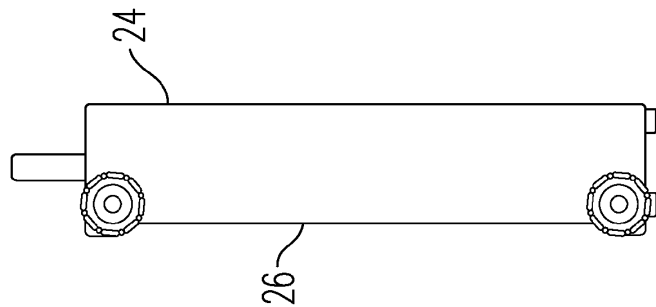
FIG. 1A





(ISOMETRIC VIEW)

FIG. 1C



(SIDE VIEW)

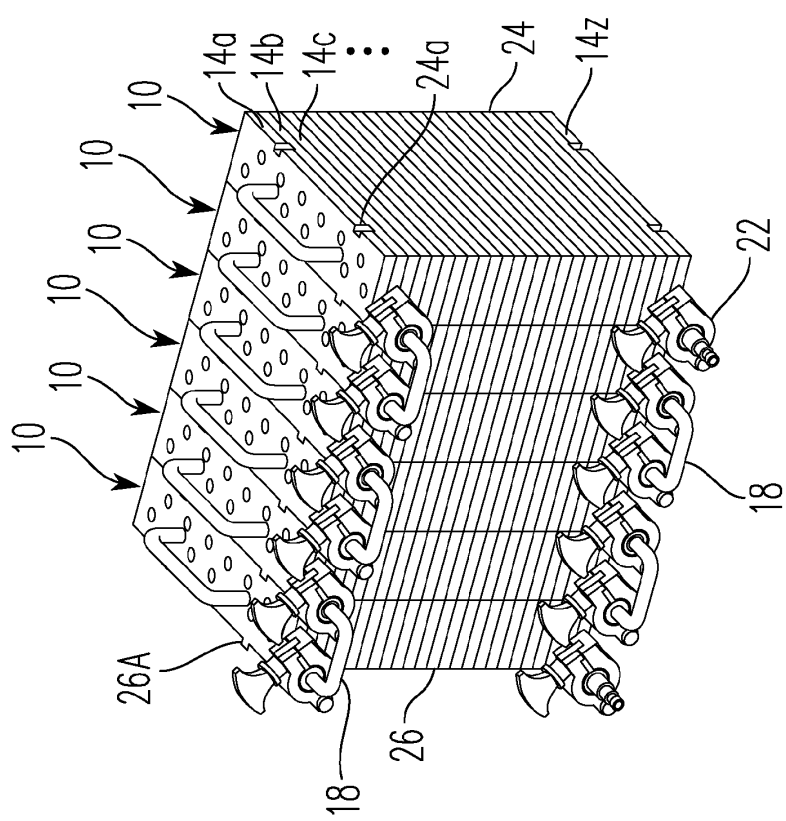


FIG. 1D

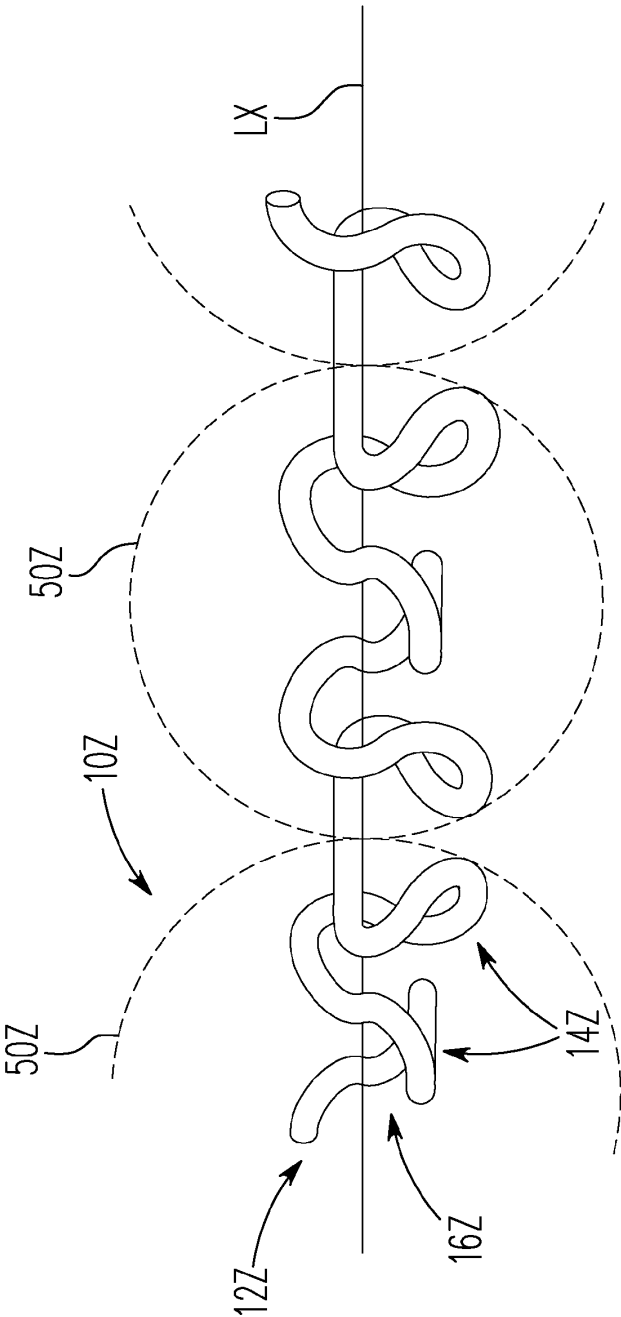


FIG. 1E

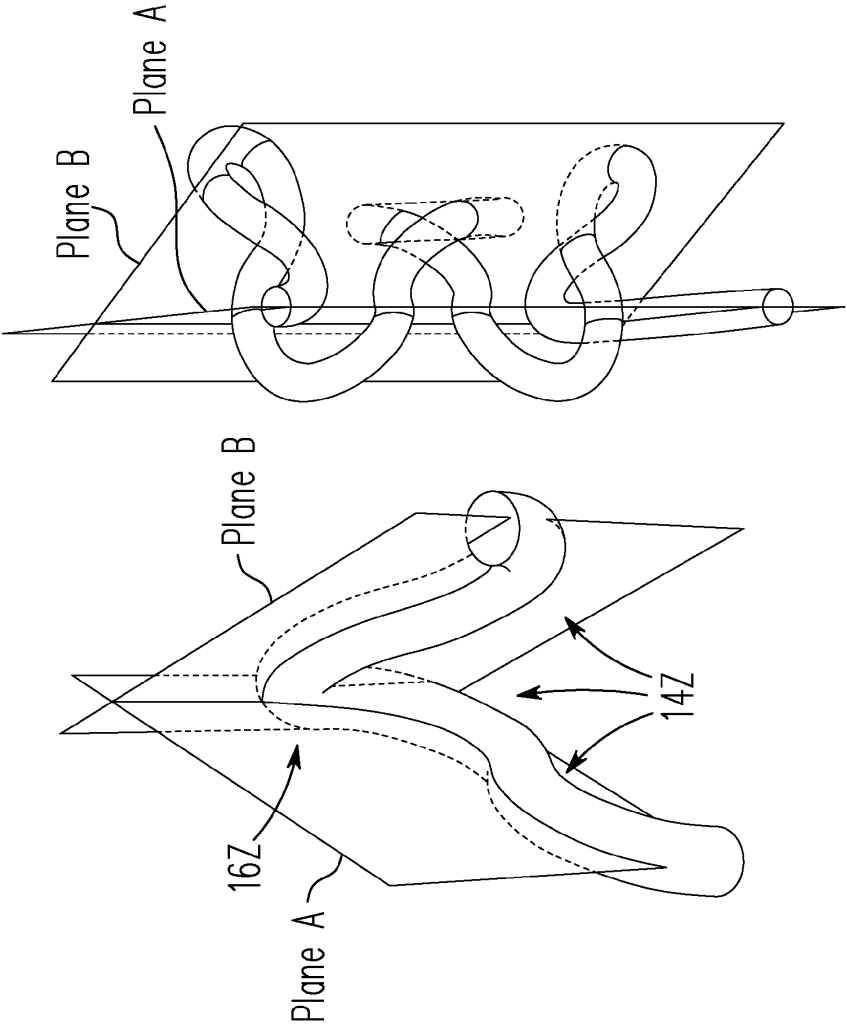
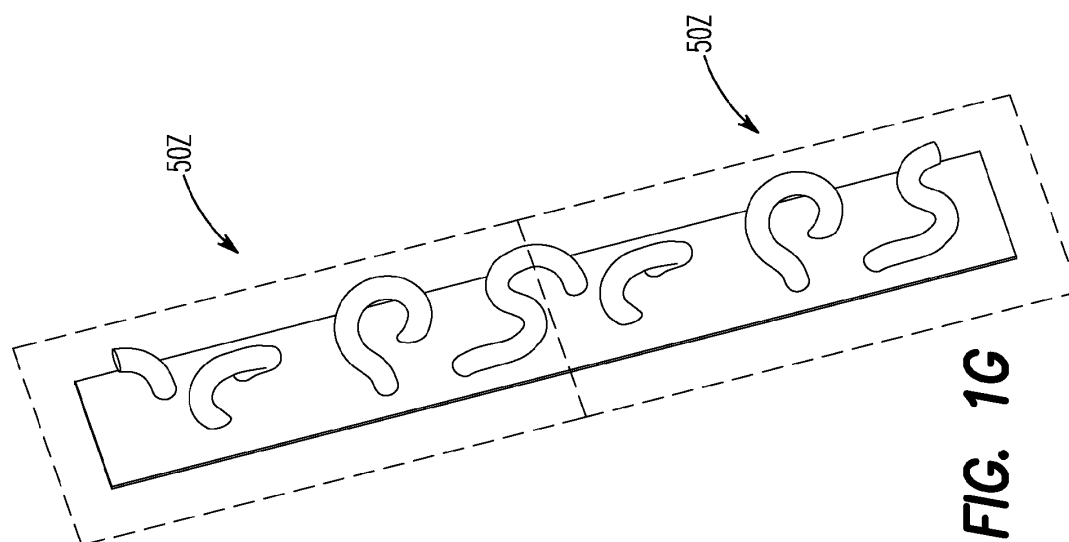


FIG. 1F



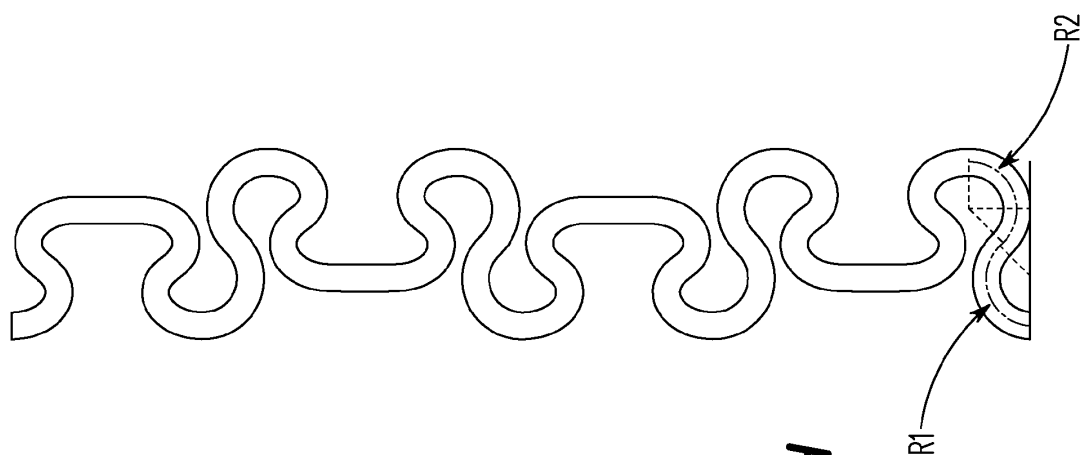


FIG. 1H

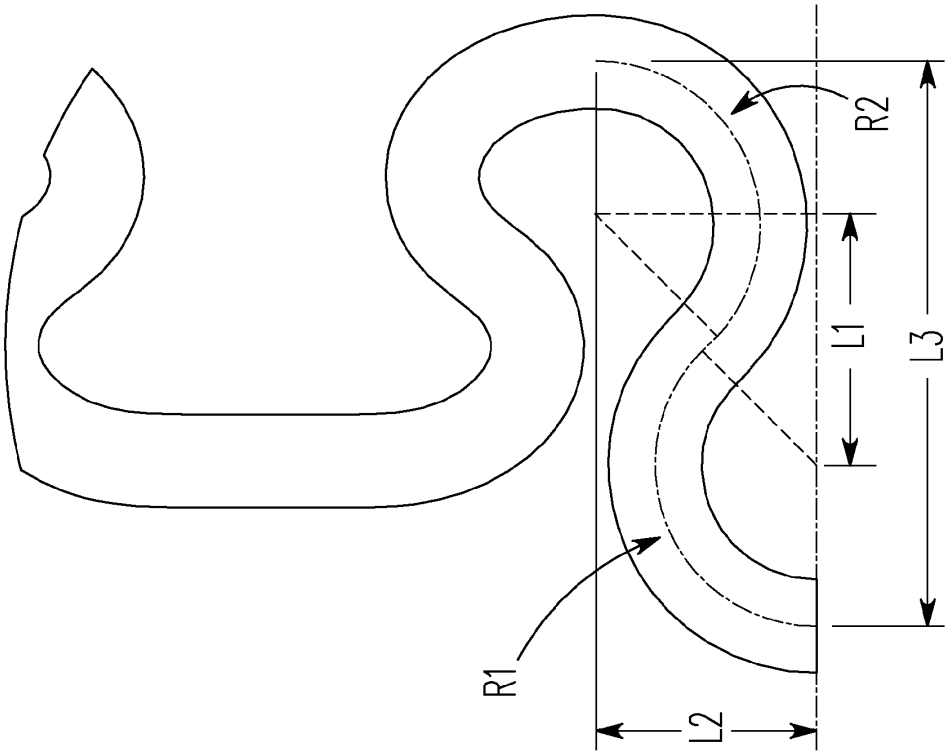
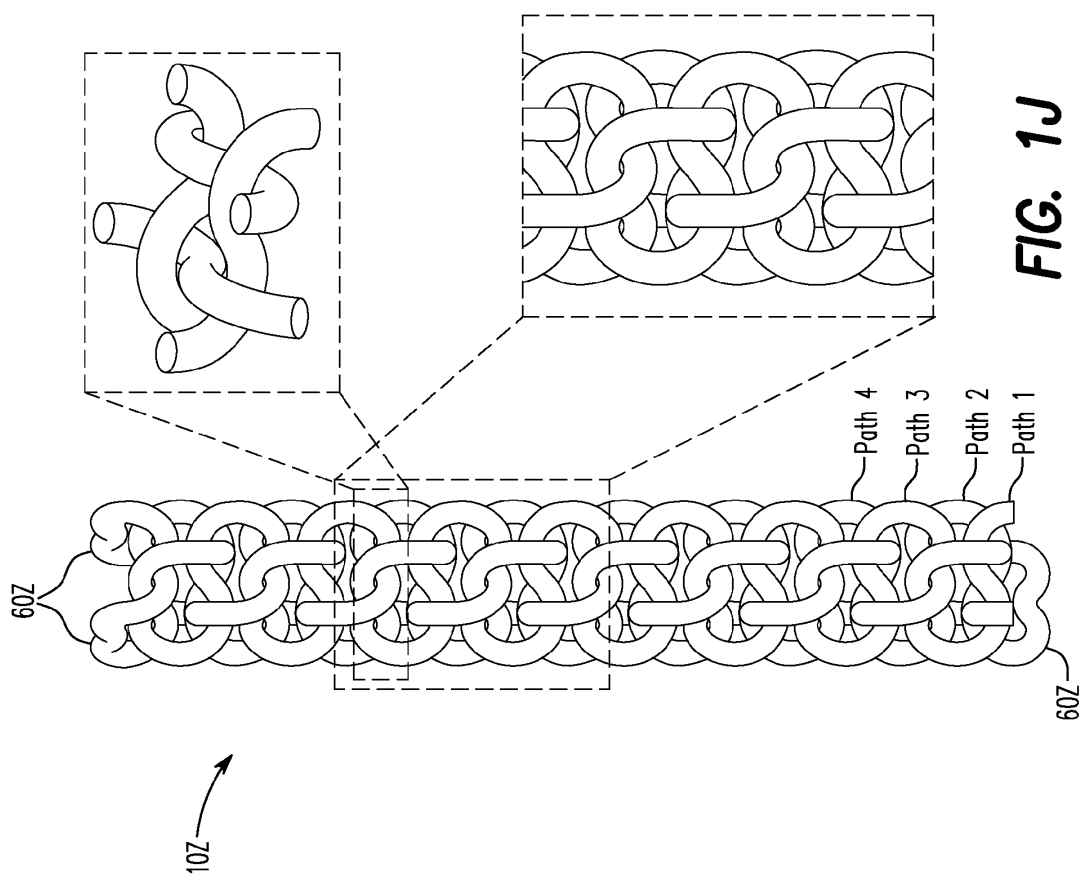


FIG. 11



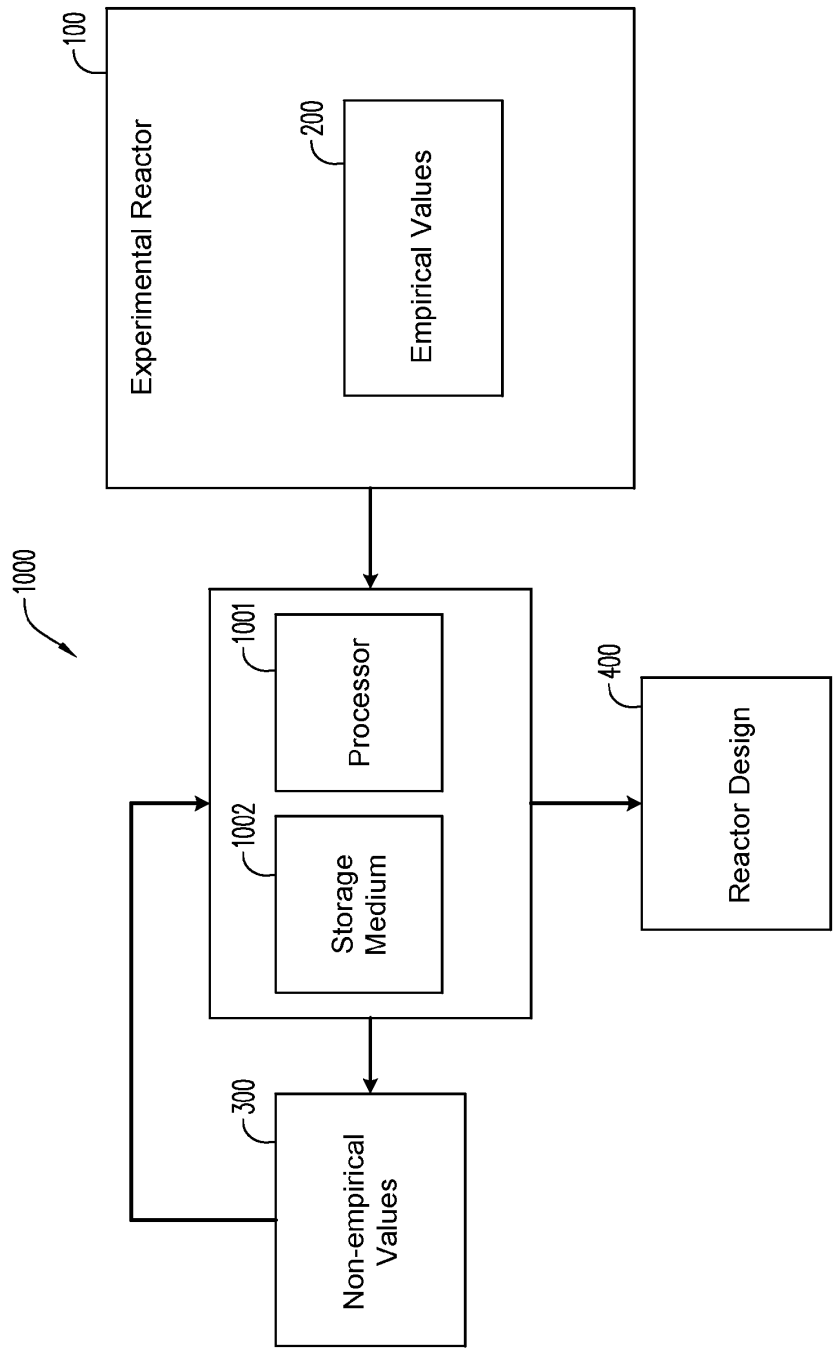


FIG. 1K

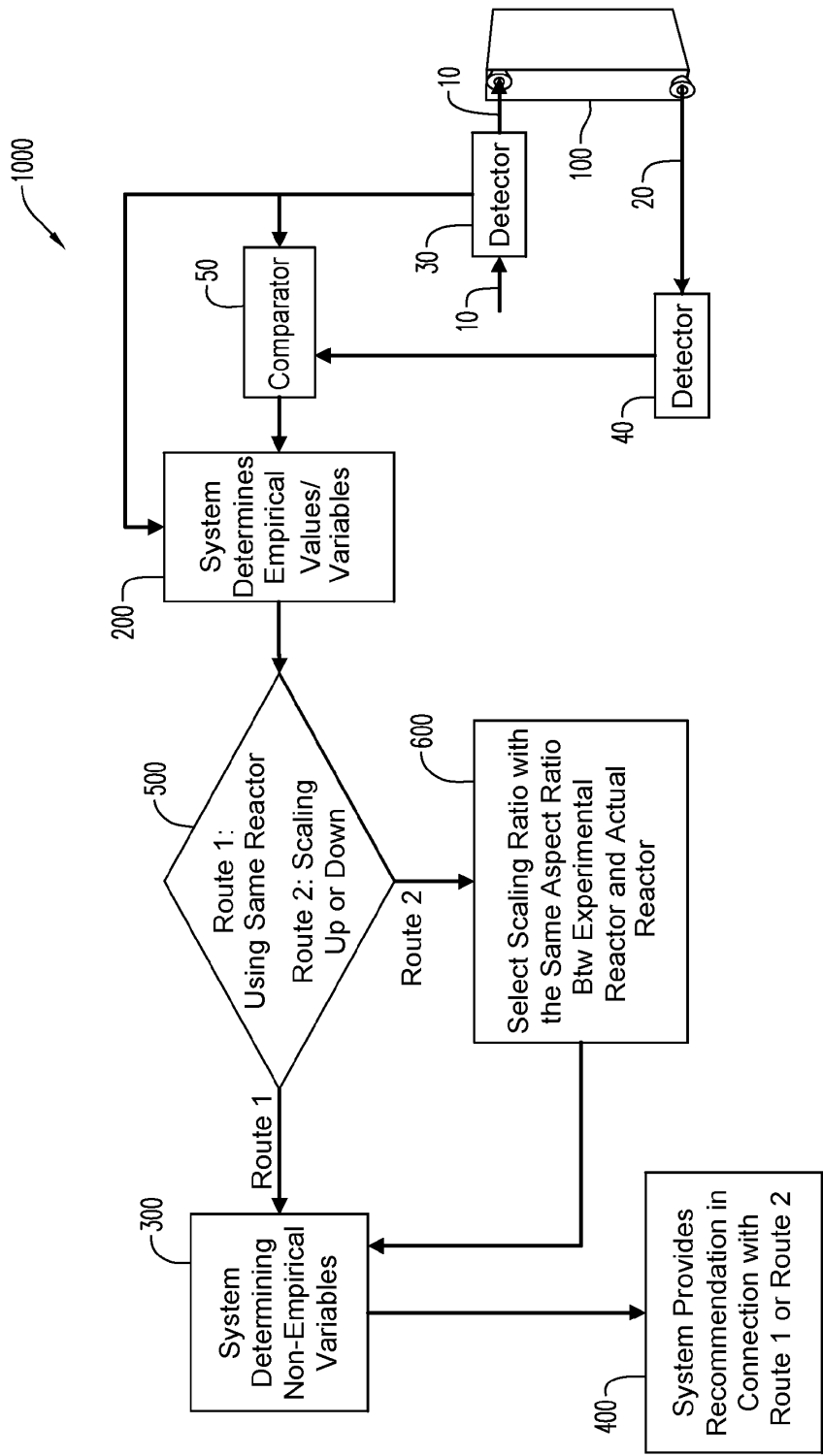


FIG. 2A

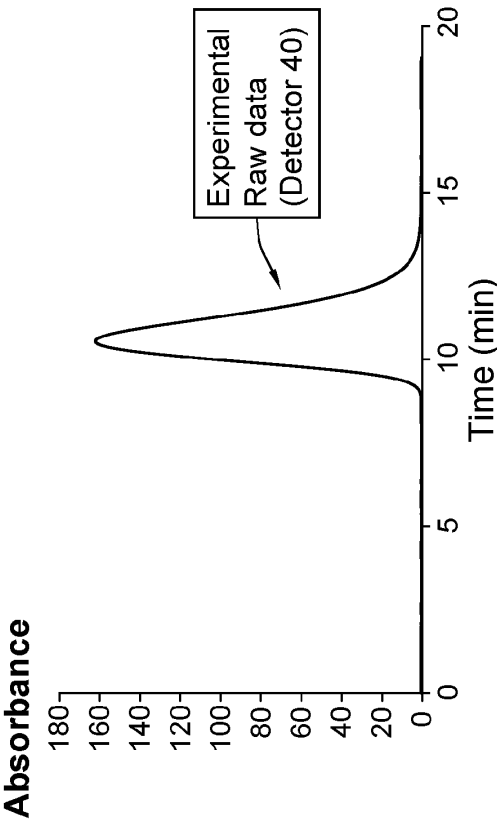


FIG. 2B

Input 30:
• Water
• JIB(1)
• 50 mL/min
• 1644 cm path length
• 520 mL reactor
• Dean Number=118.94

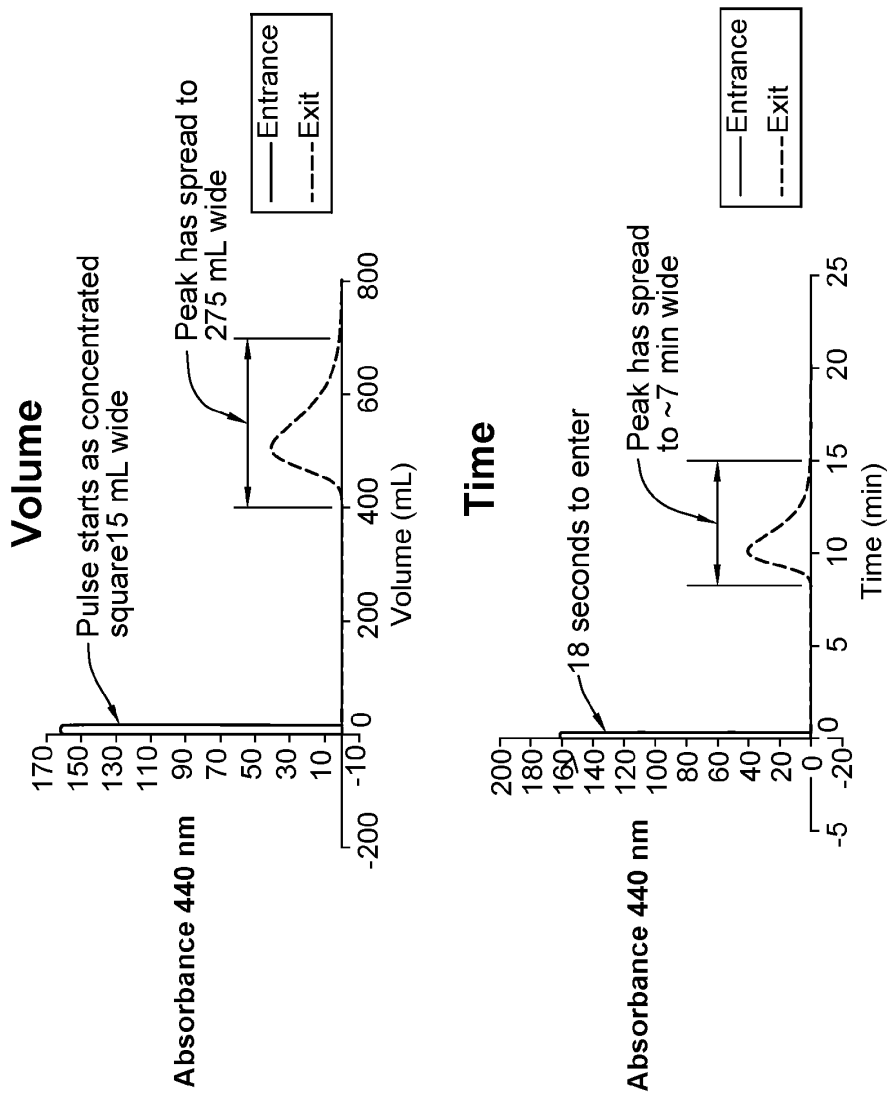


FIG. 2C

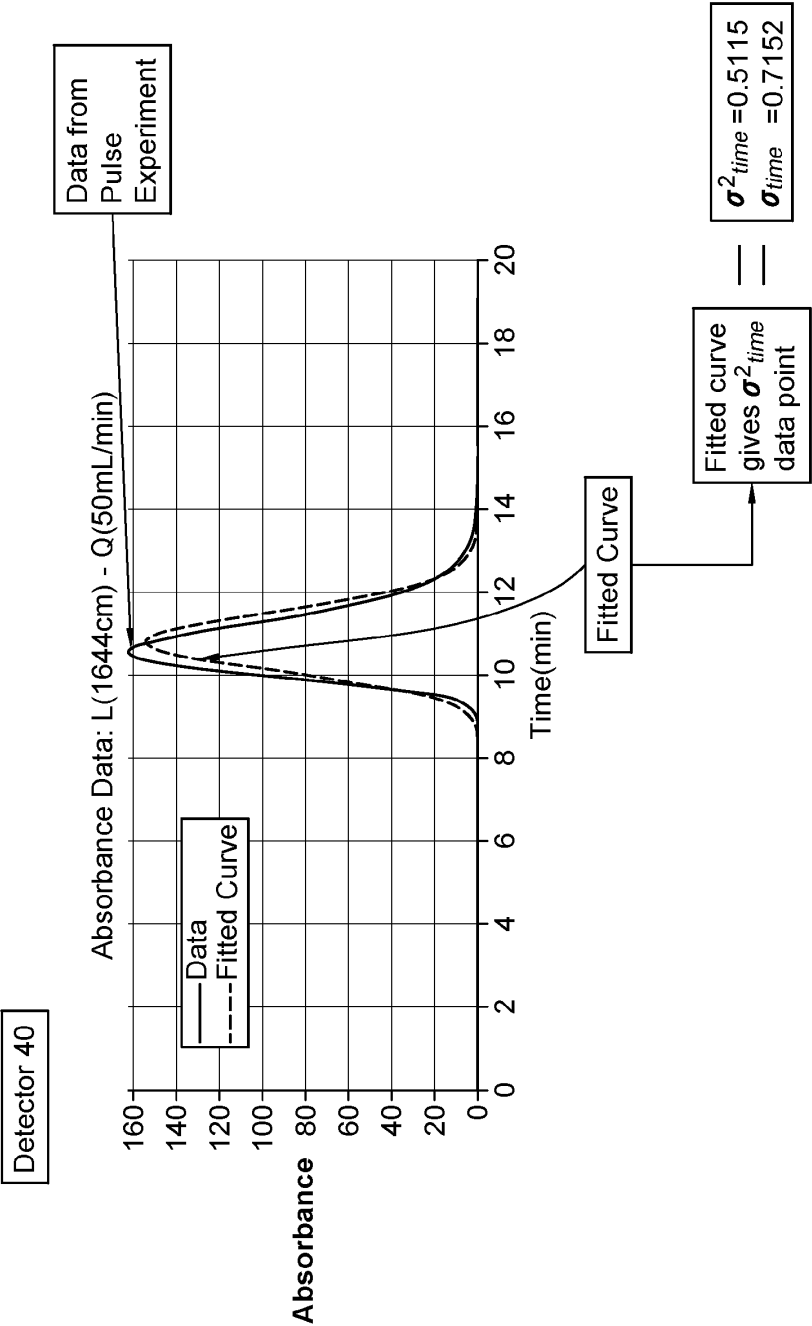


FIG. 2D

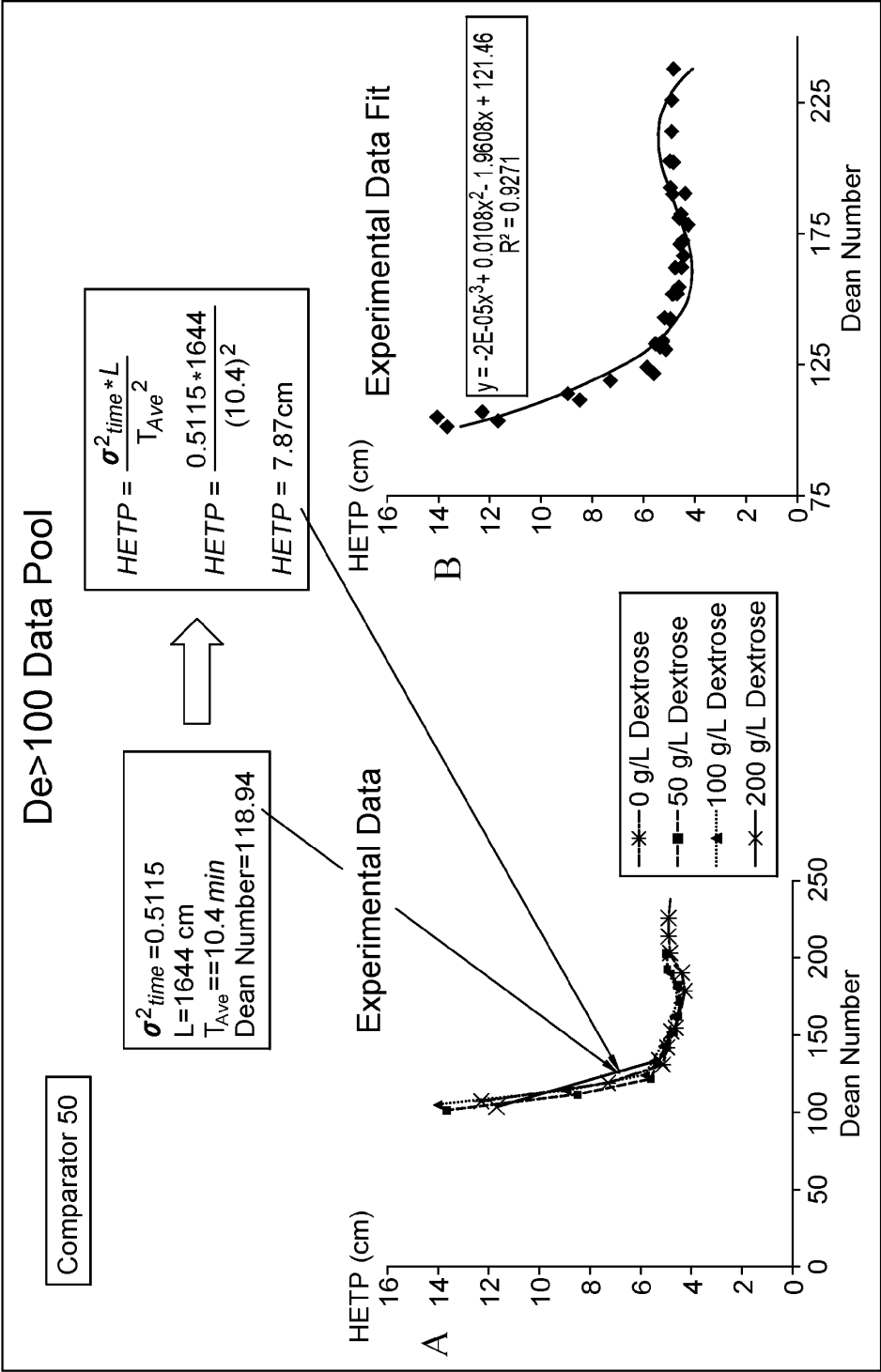


FIG. 2E

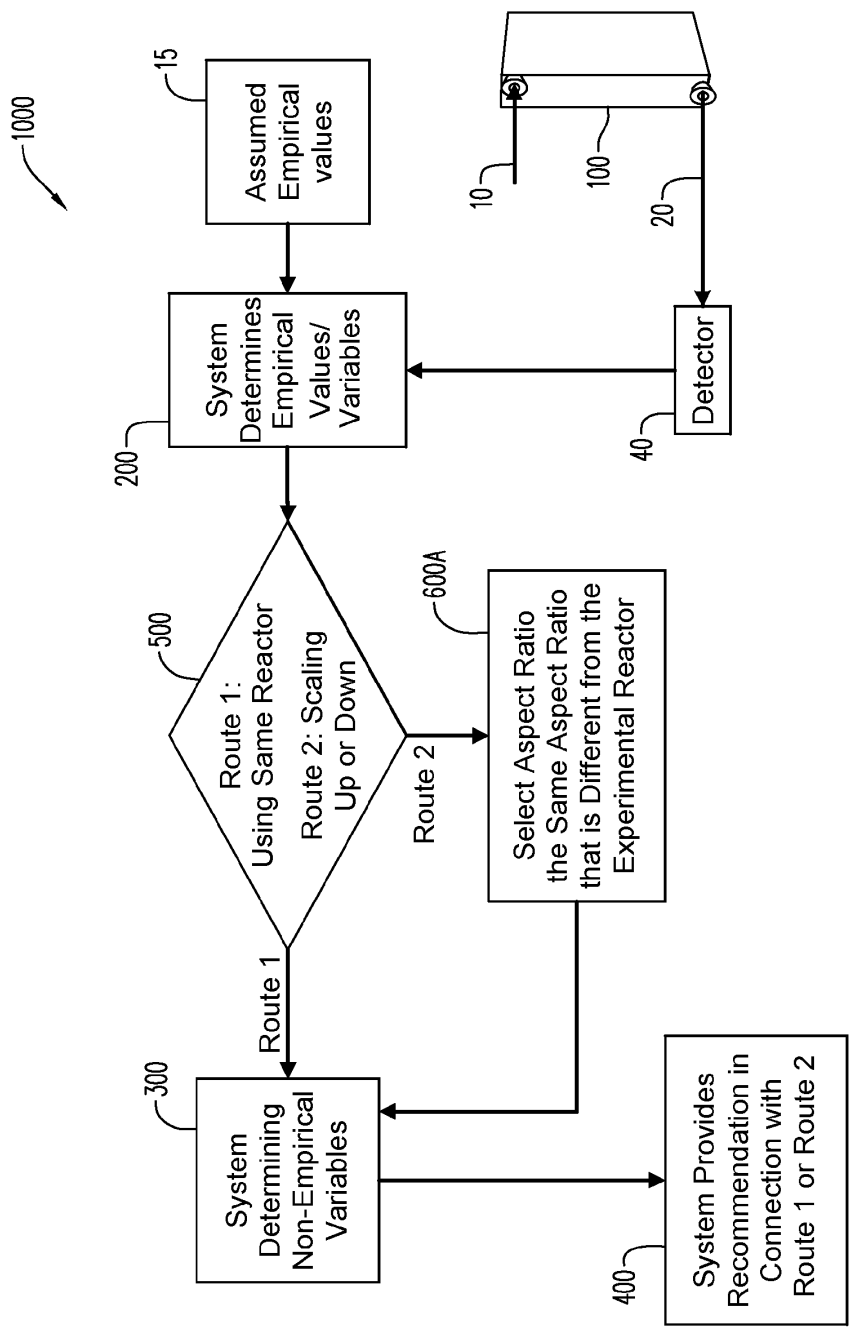


FIG. 3

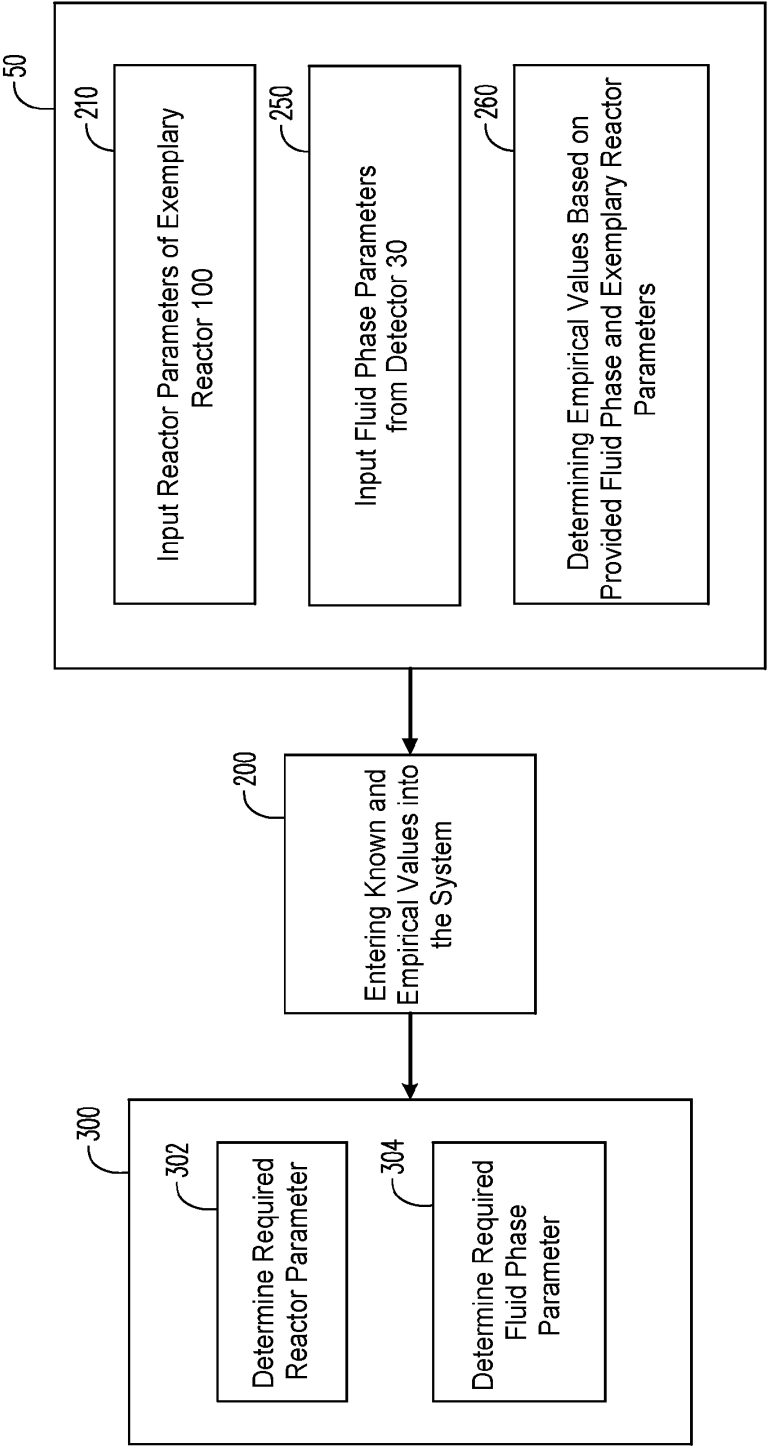


FIG. 4

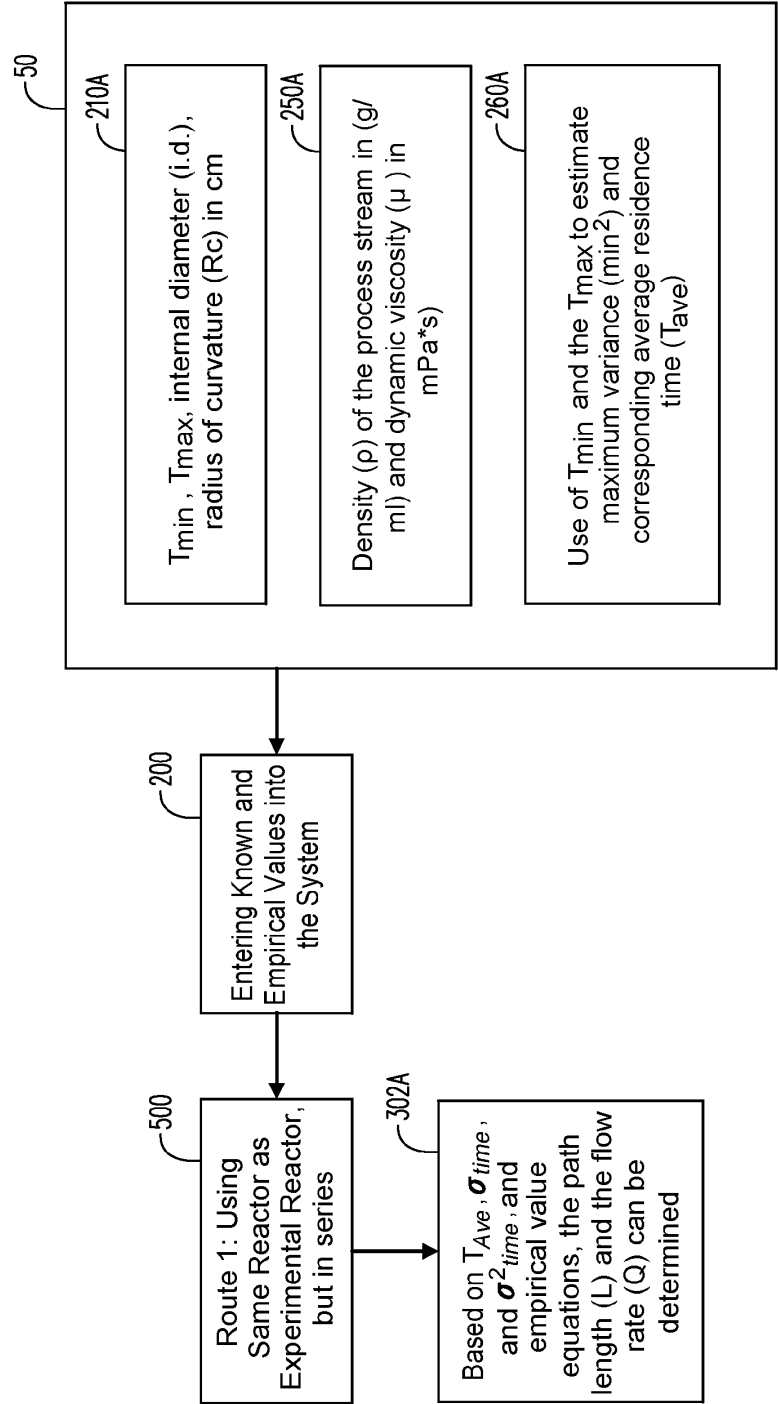


FIG. 5A

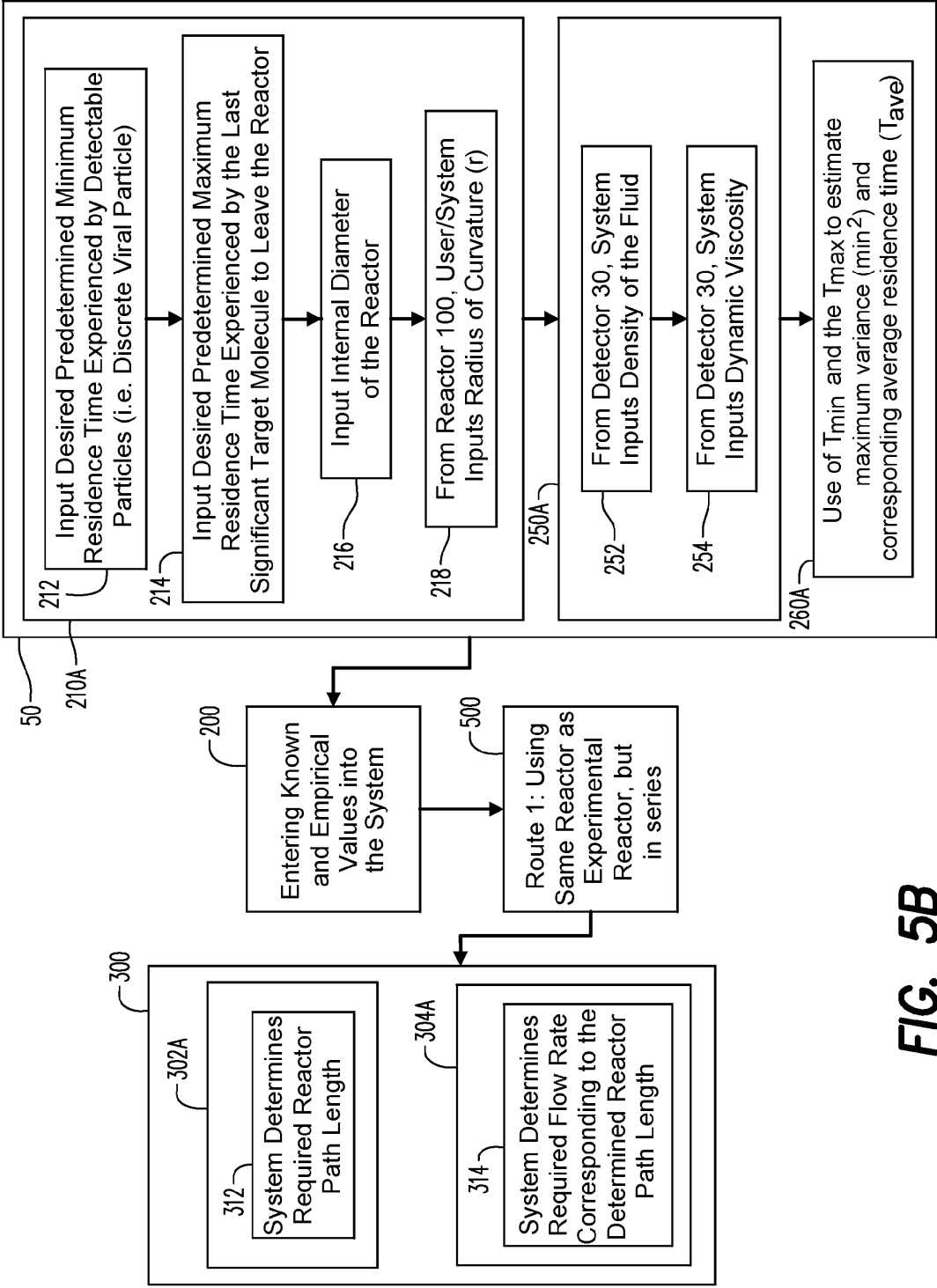


FIG. 5B

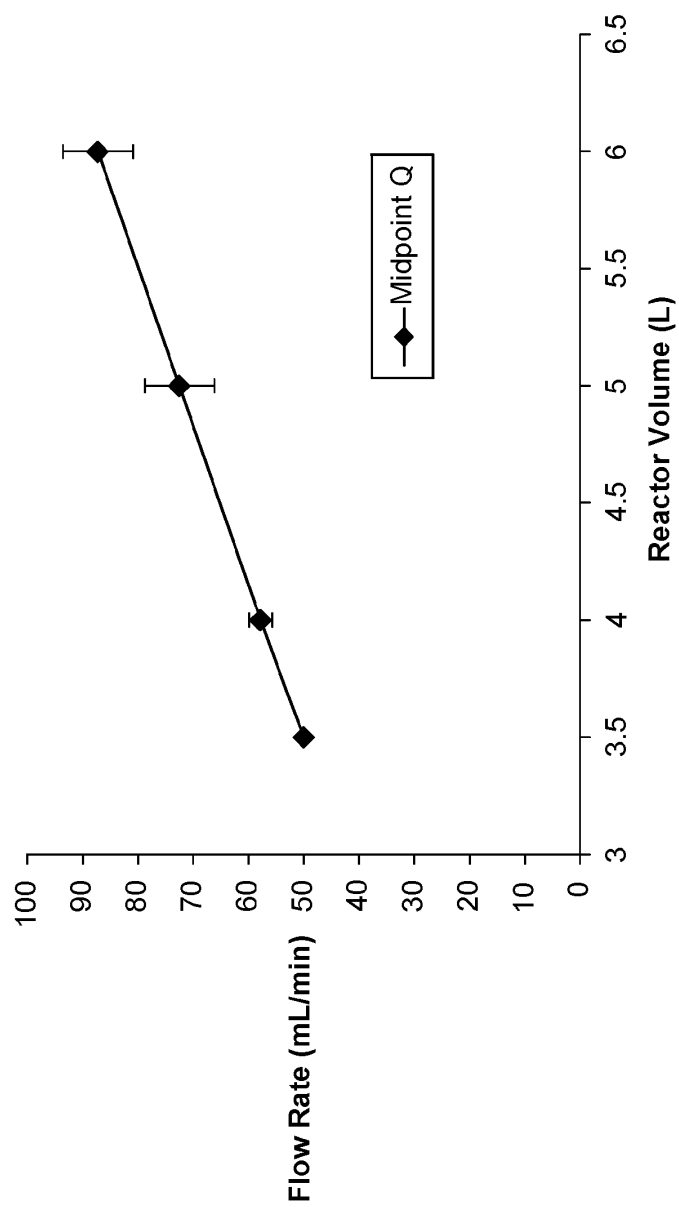


FIG. 5C

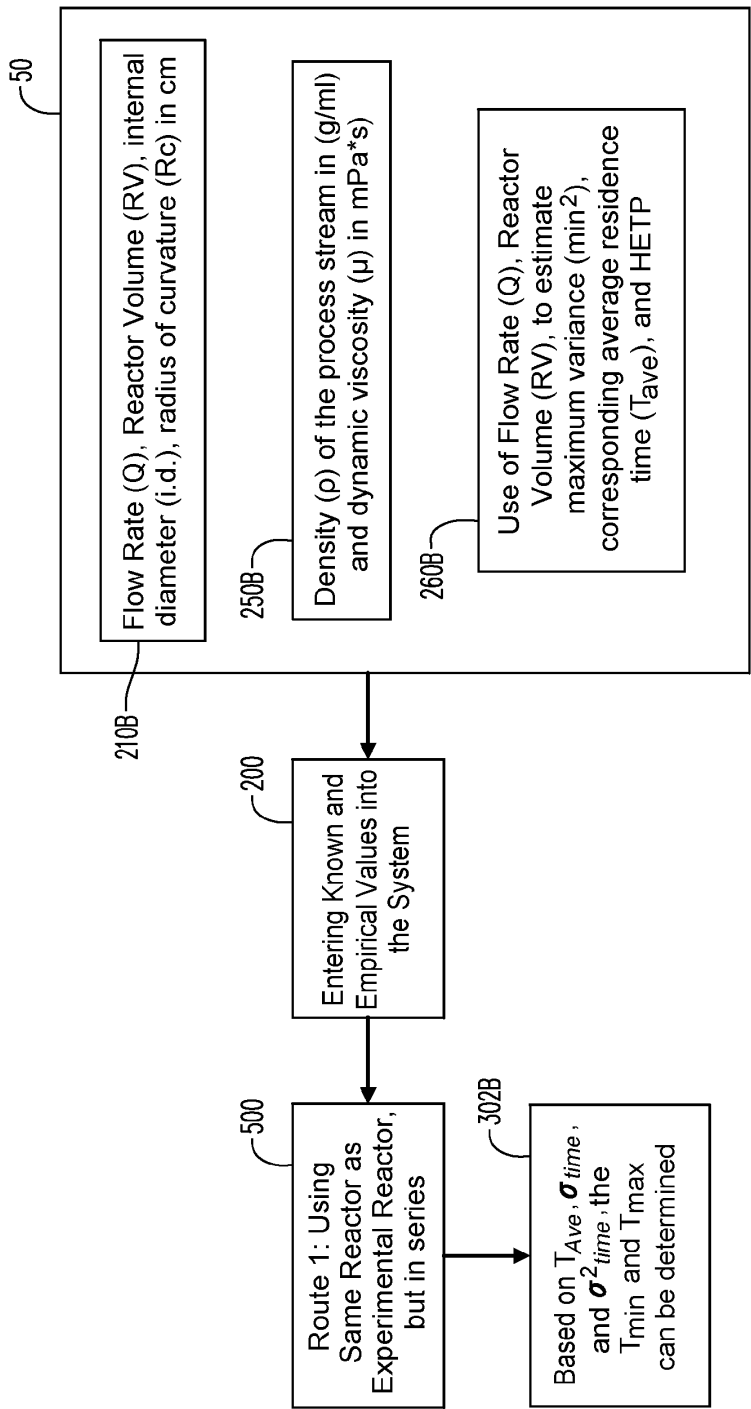


FIG. 6A

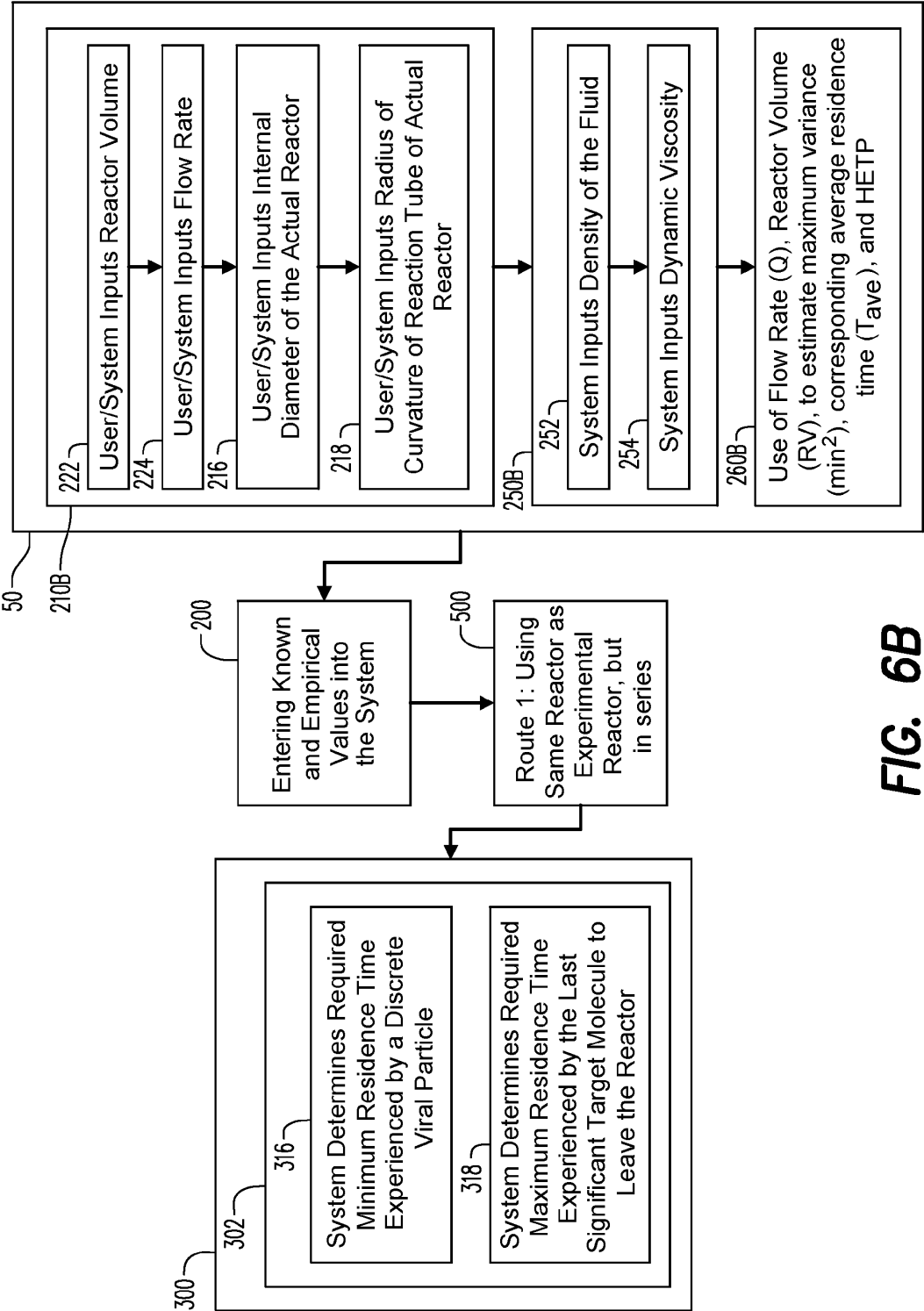


FIG. 6B

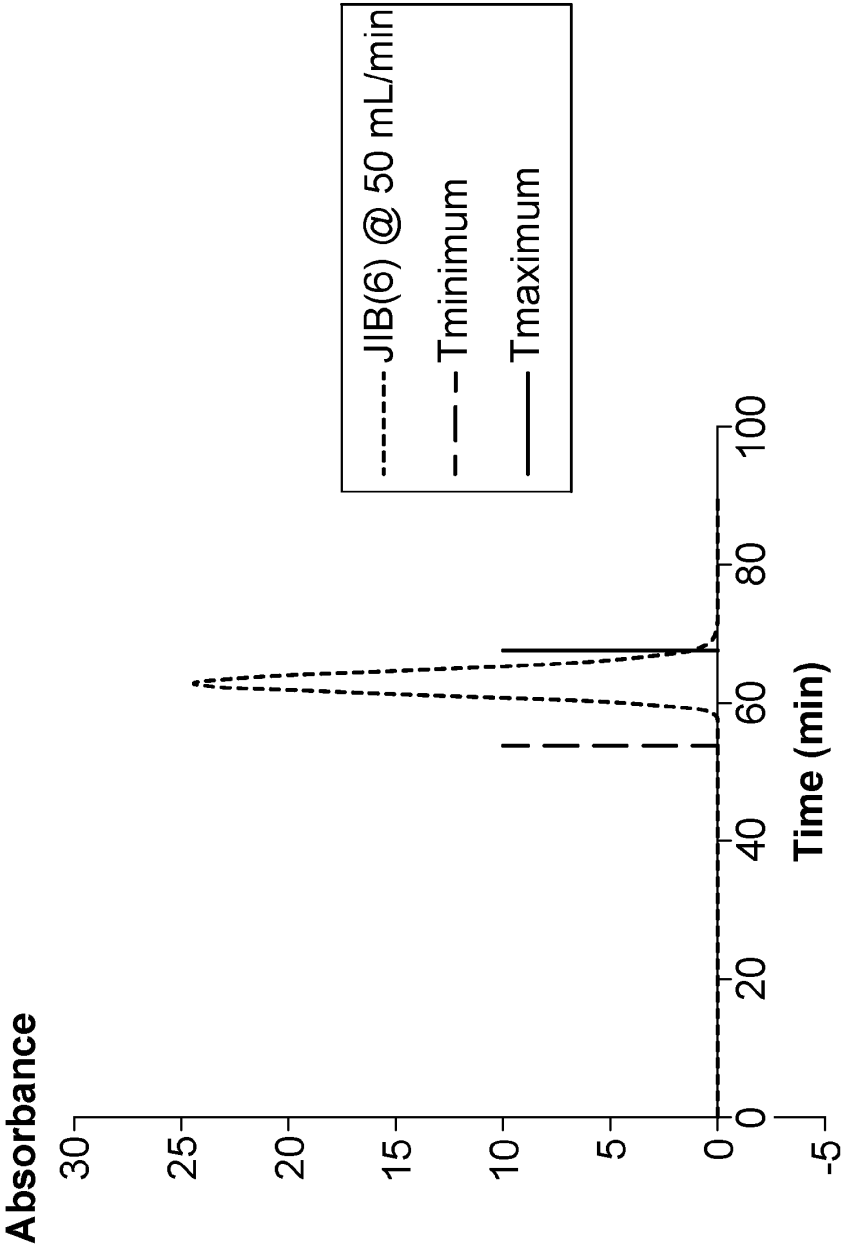


FIG. 6C

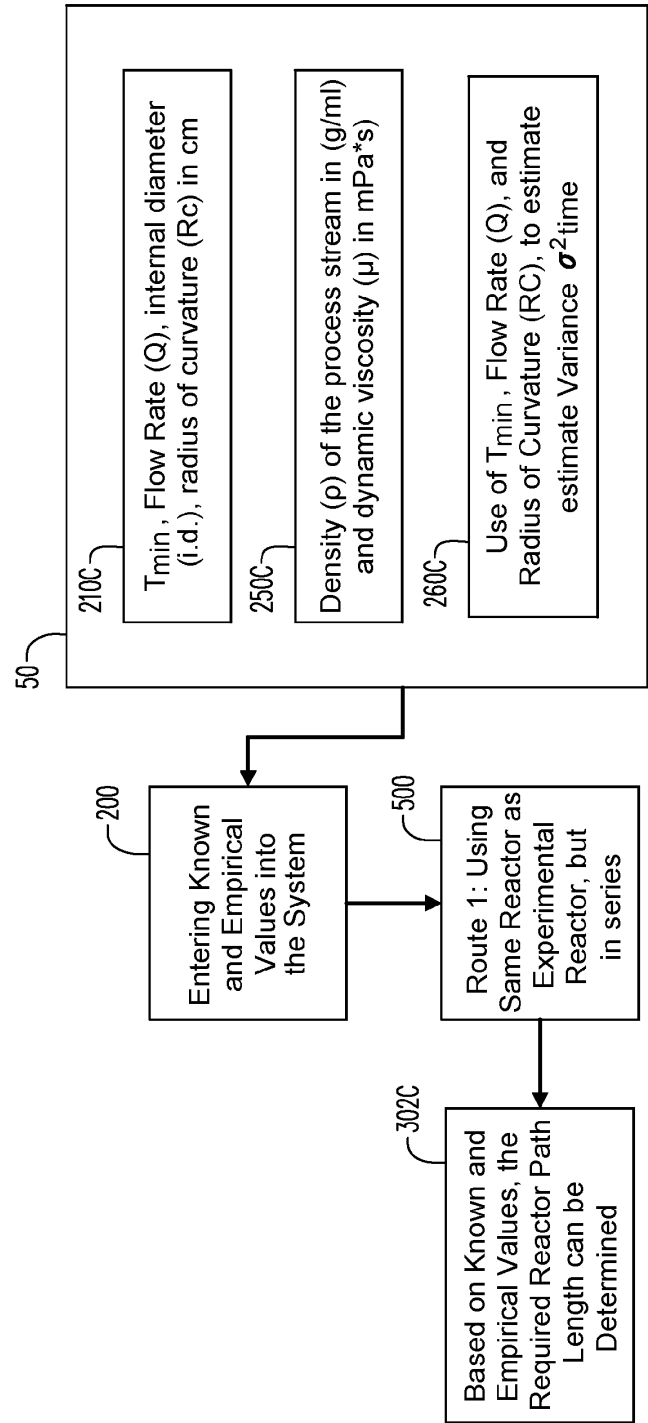


FIG. 7A

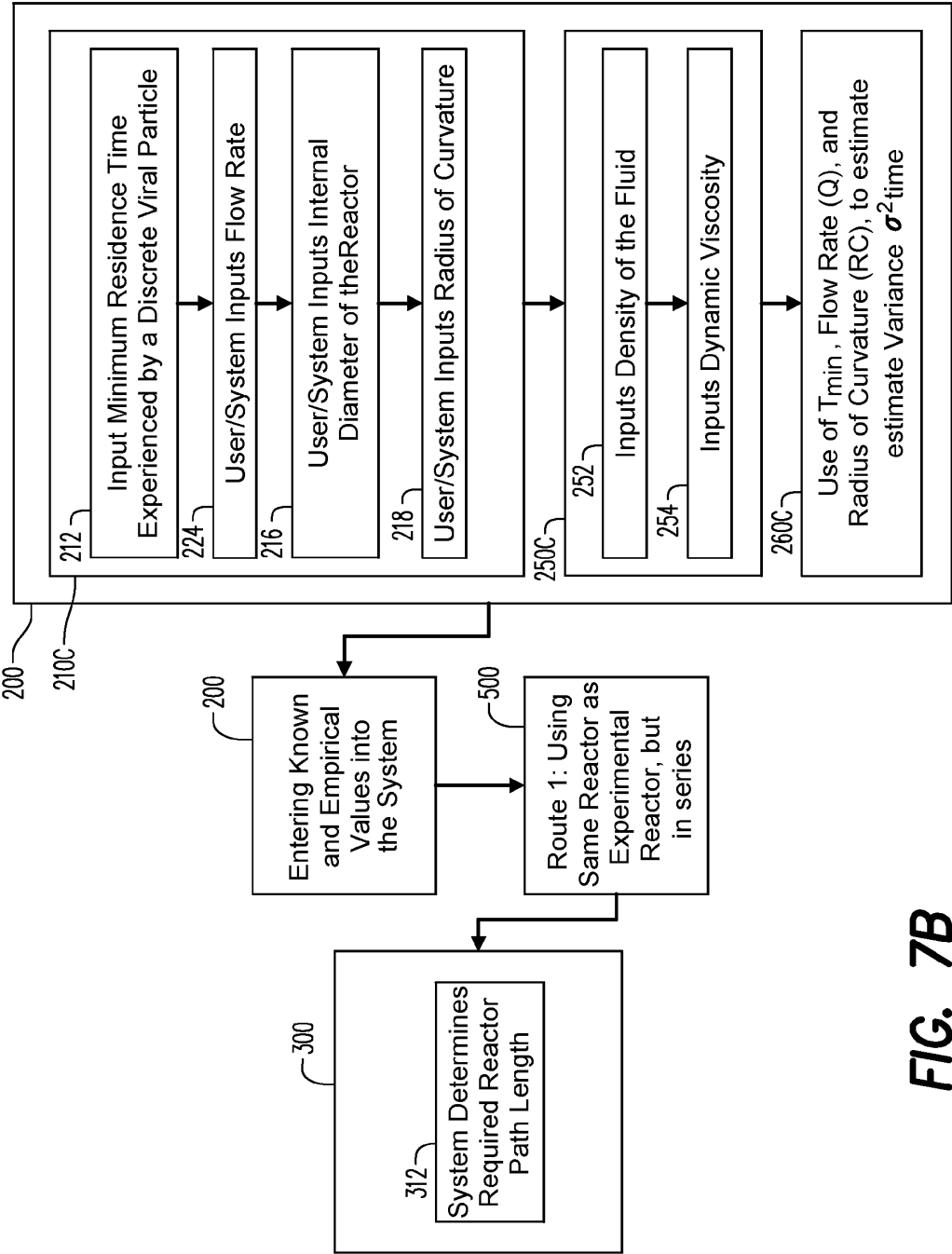


FIG. 7B

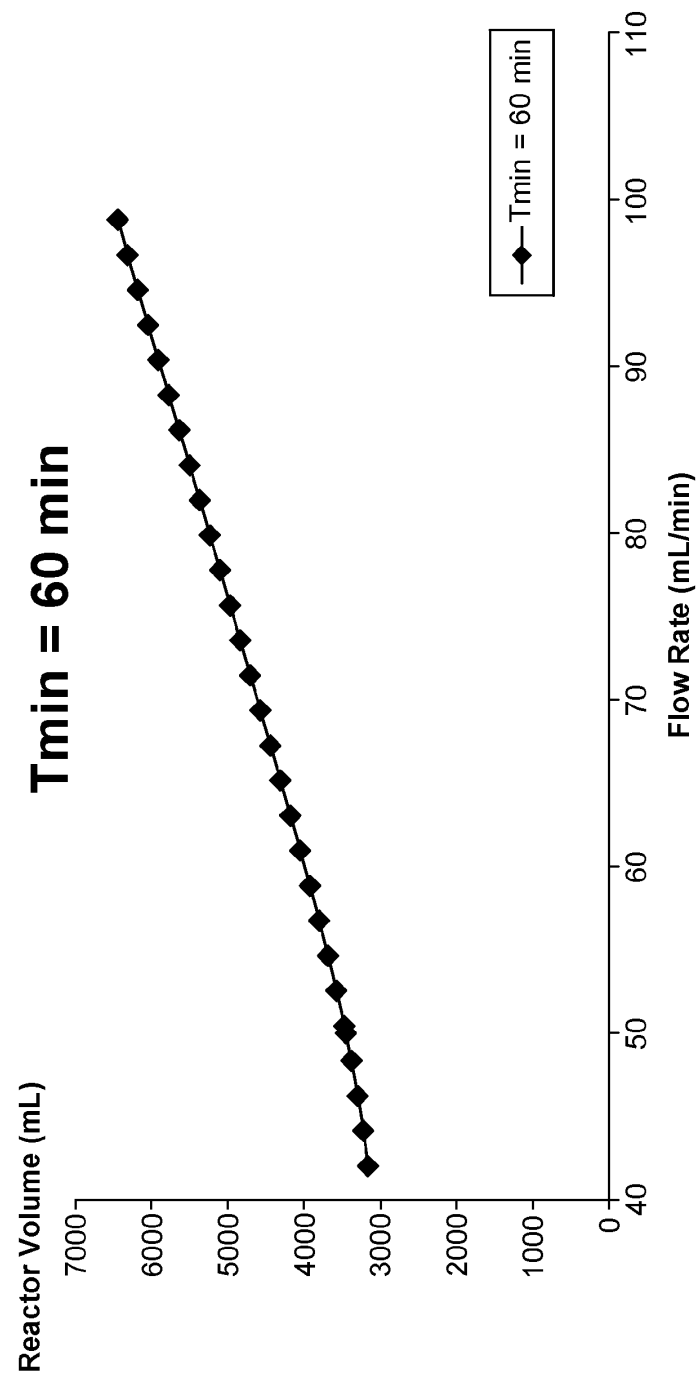


FIG. 7C

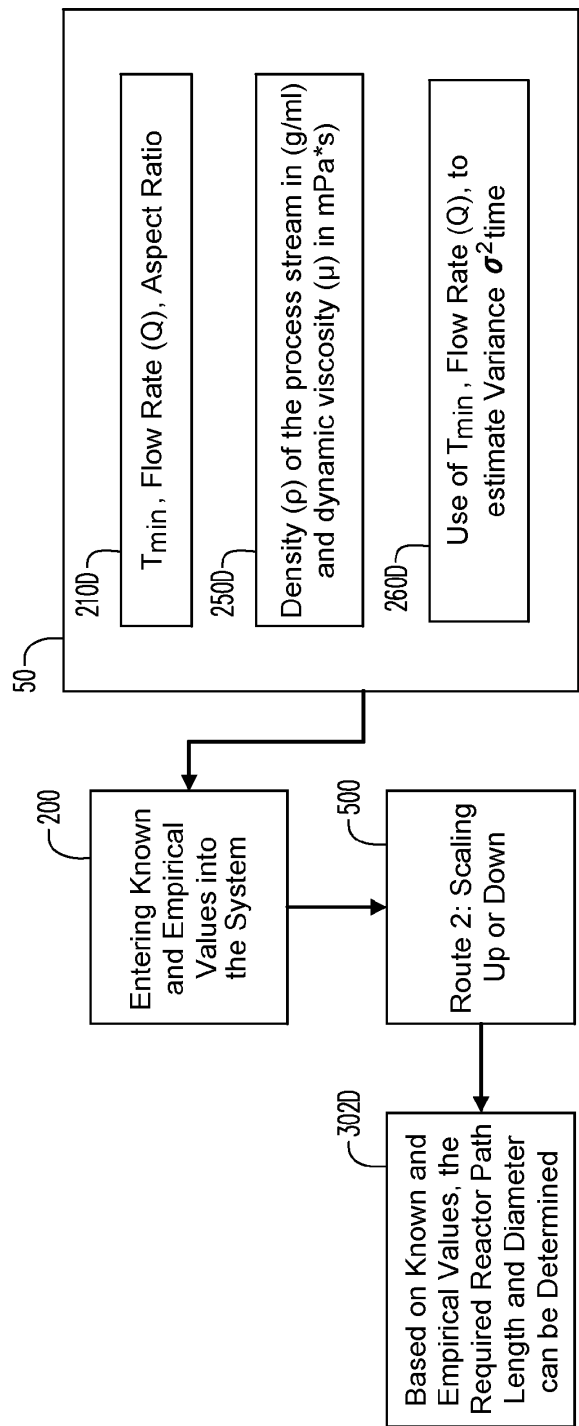


FIG. 8A

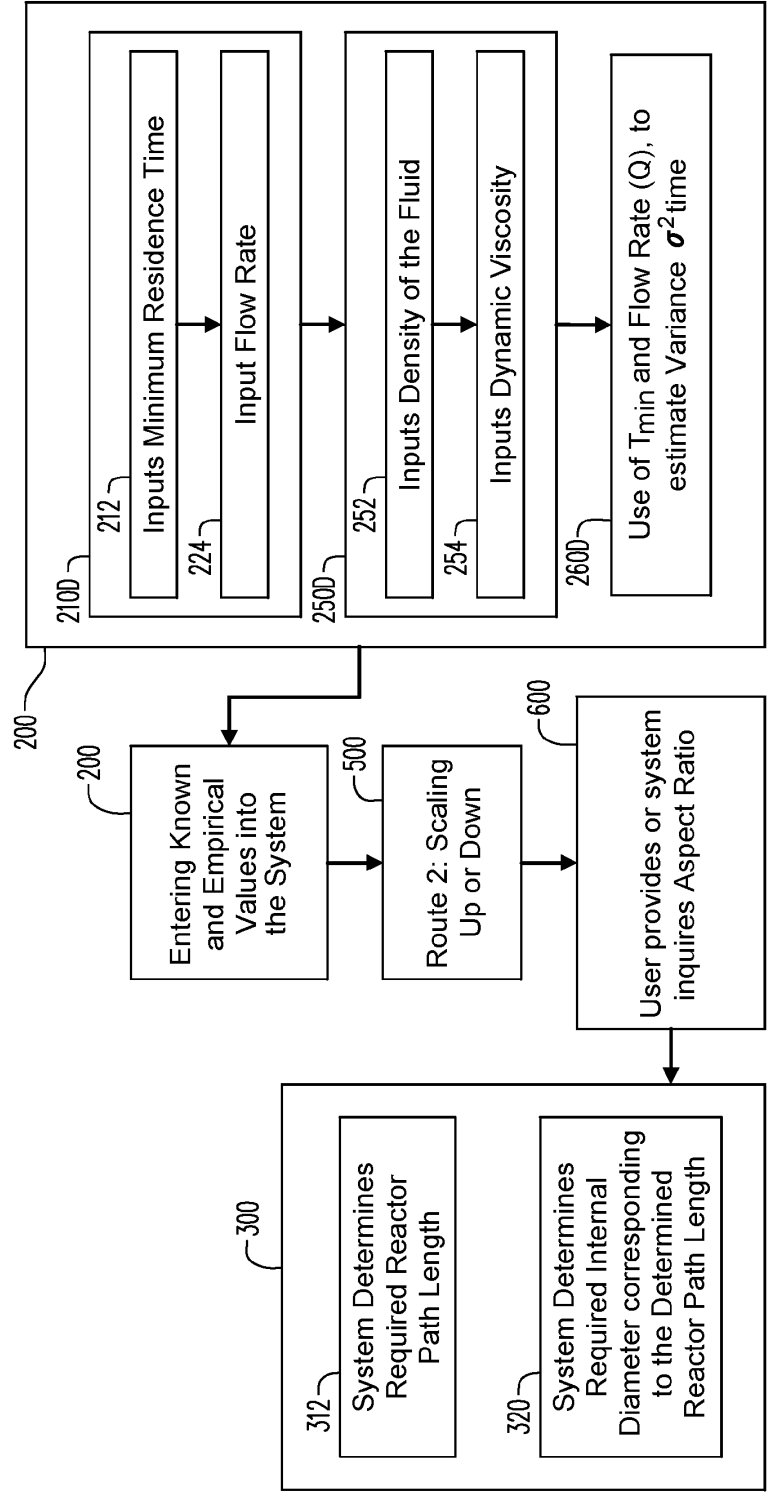


FIG. 8B

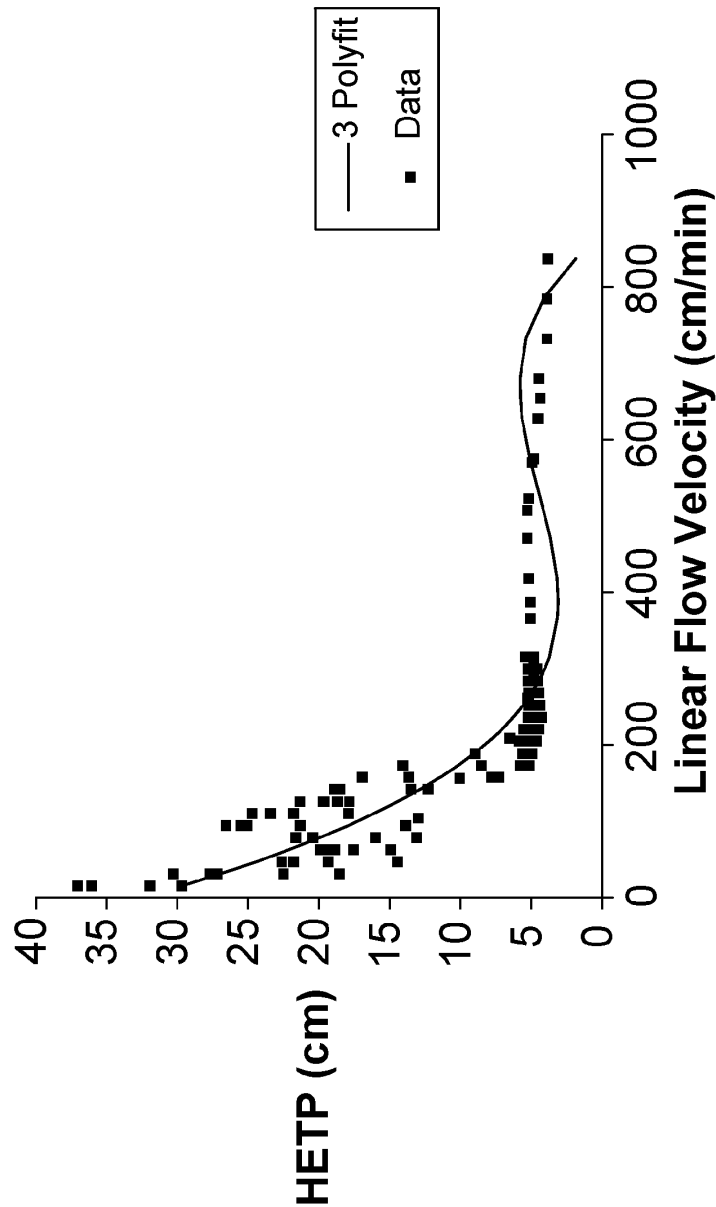


FIG. 8C

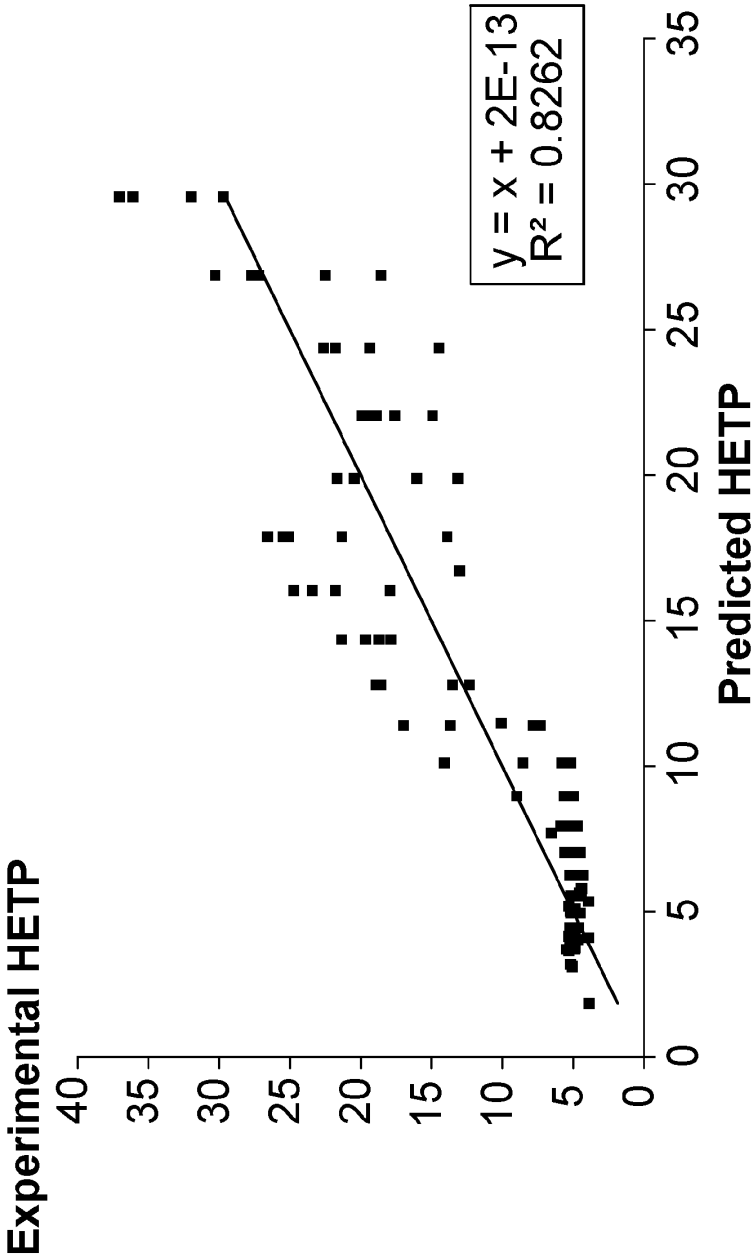


FIG. 8D

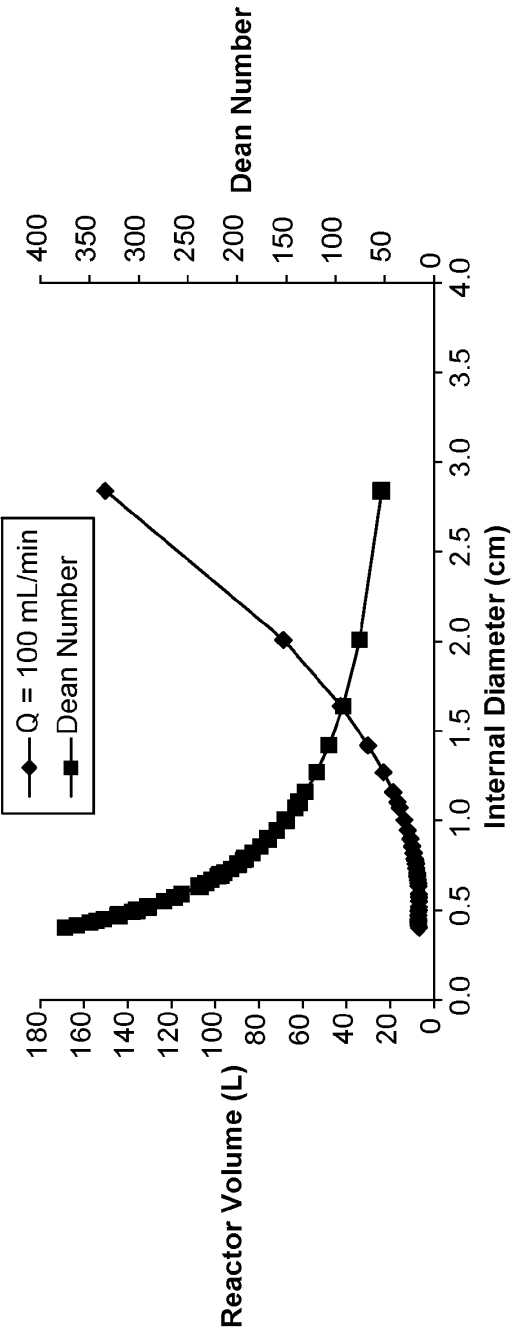
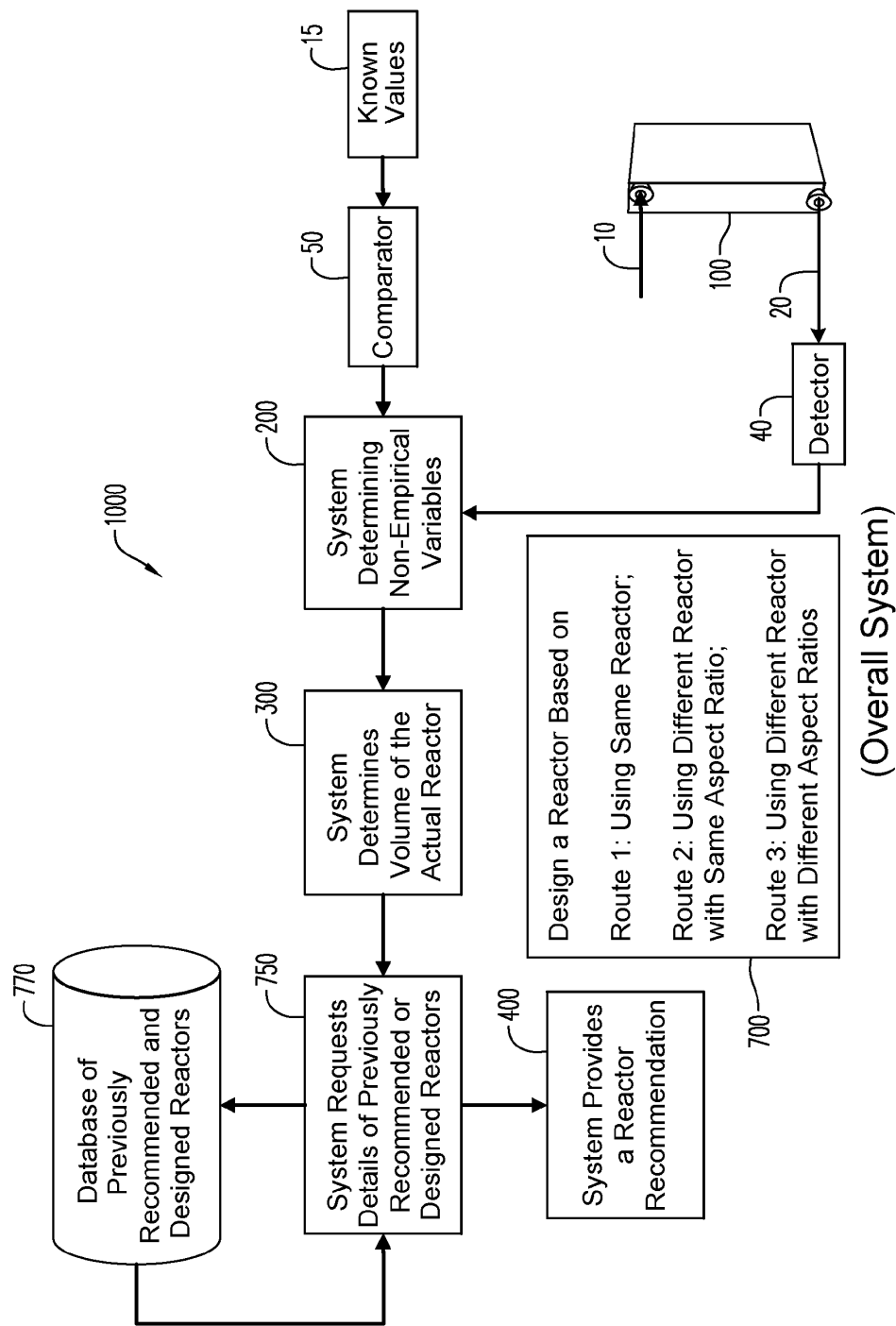


FIG. 8E



(Overall System)
FIG. 9

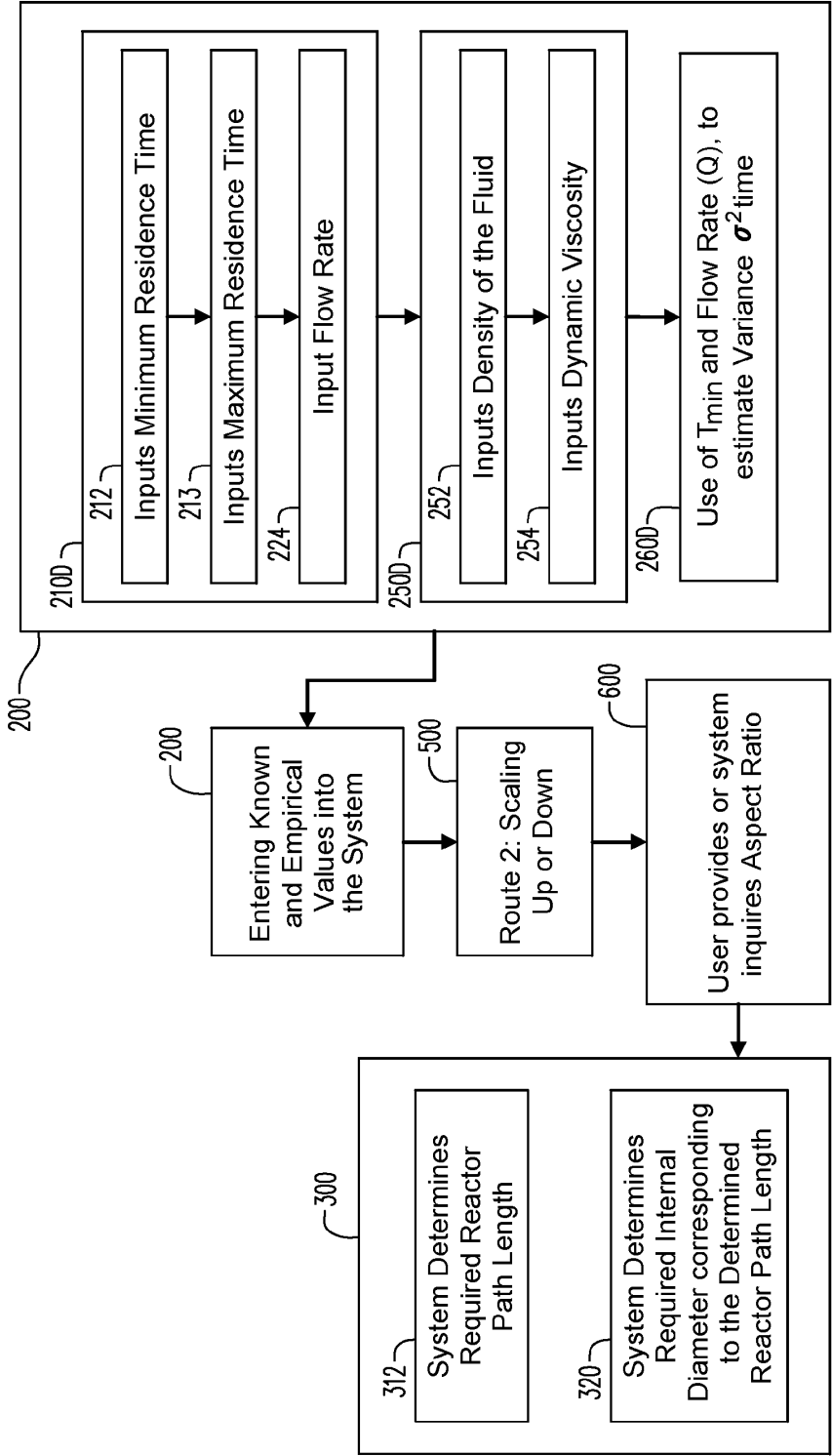


FIG. 10A

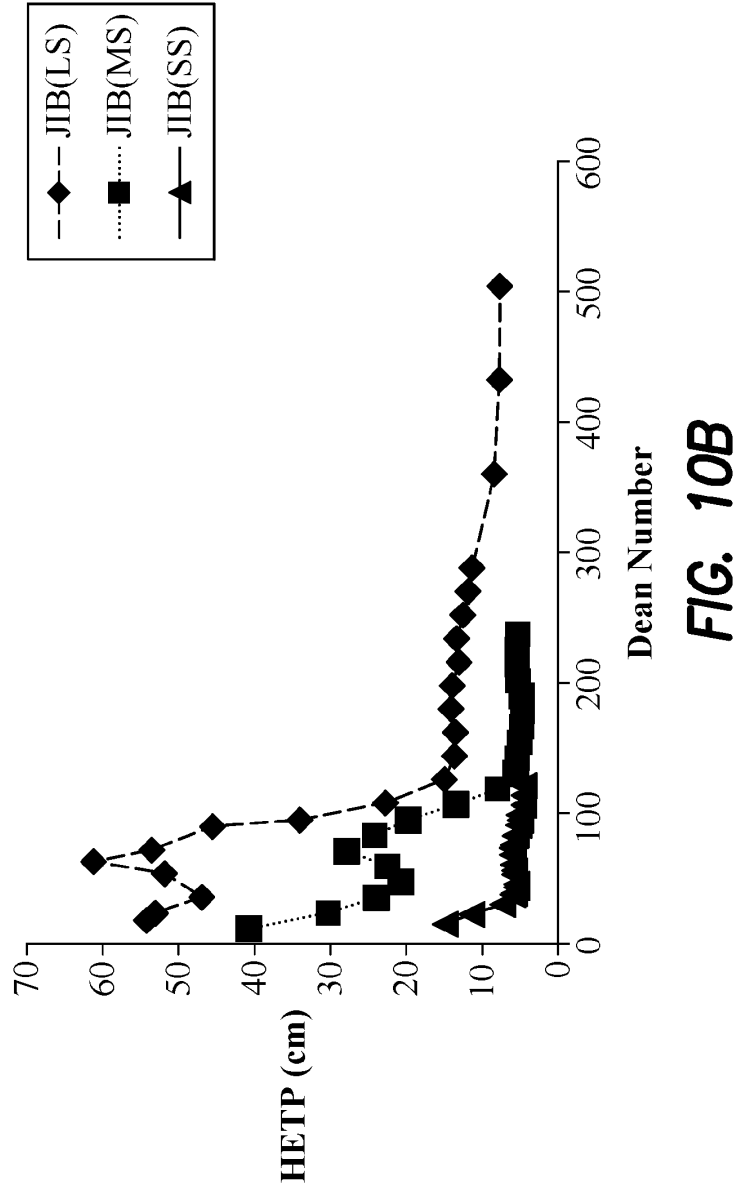


FIG. 10B

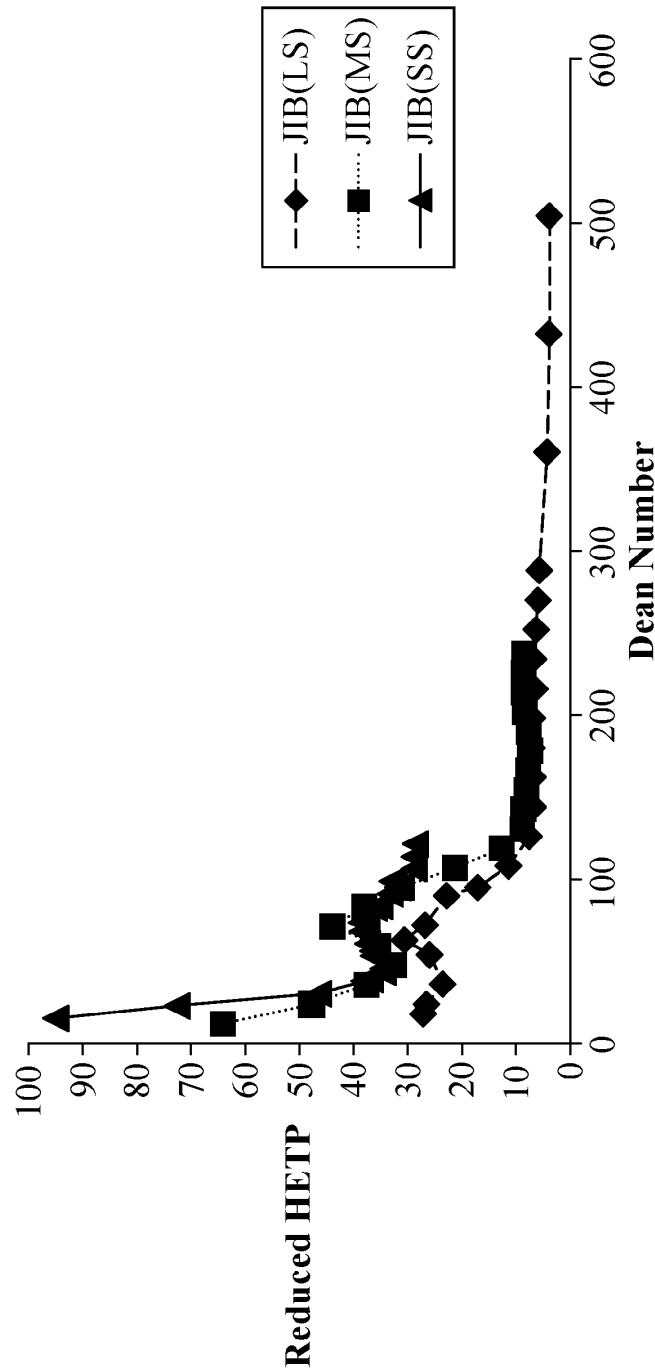


FIG. 10C

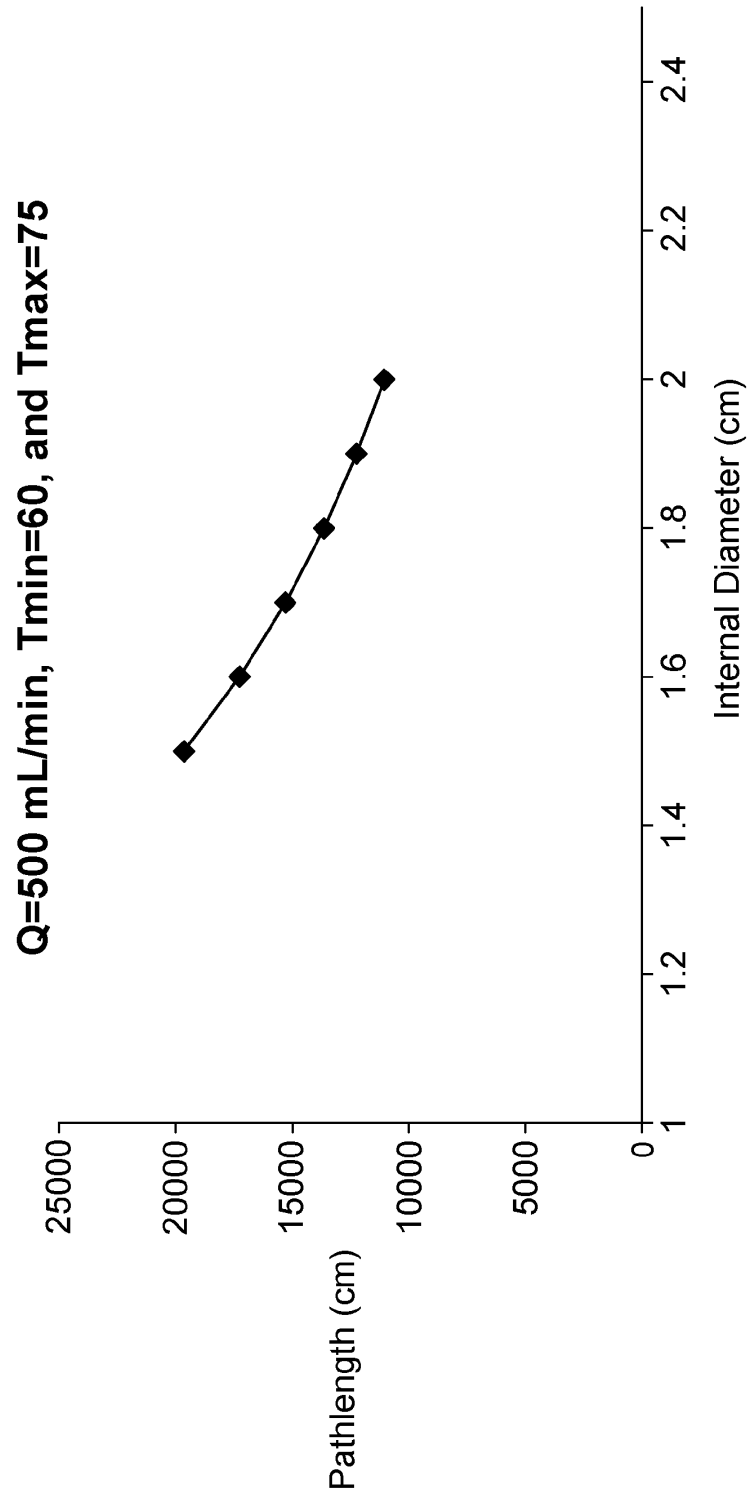


FIG. 10D

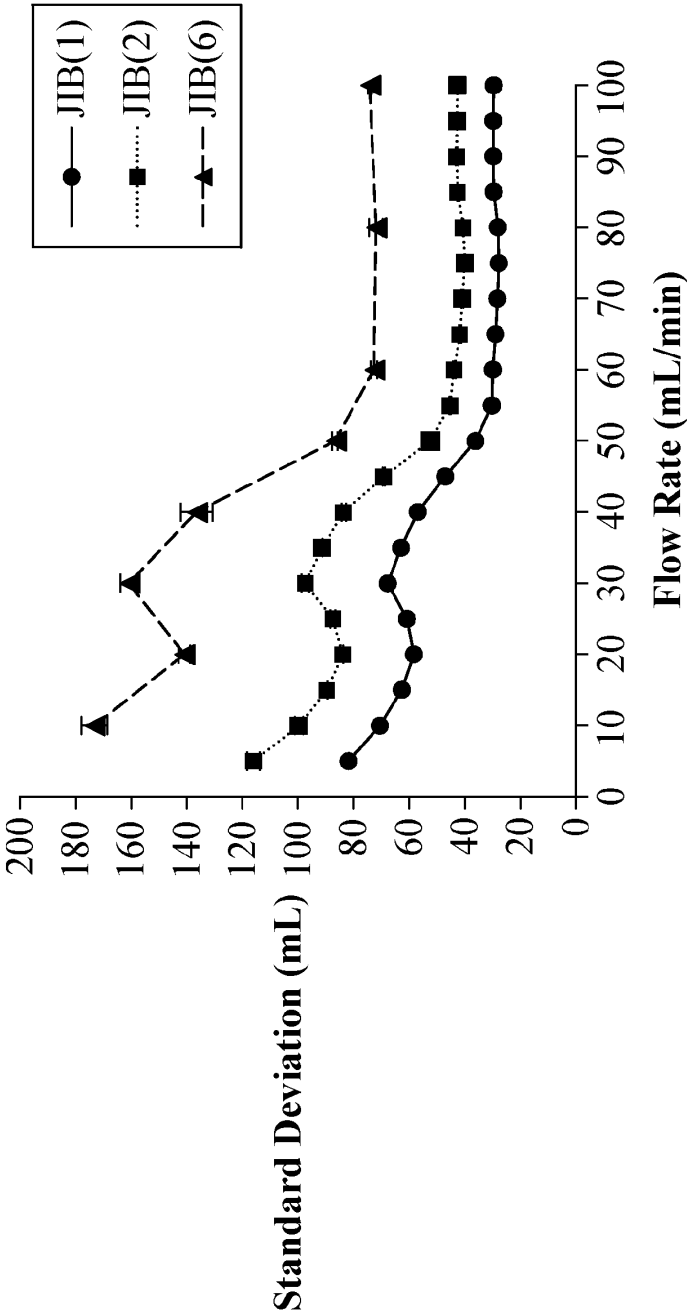


FIG. 11A

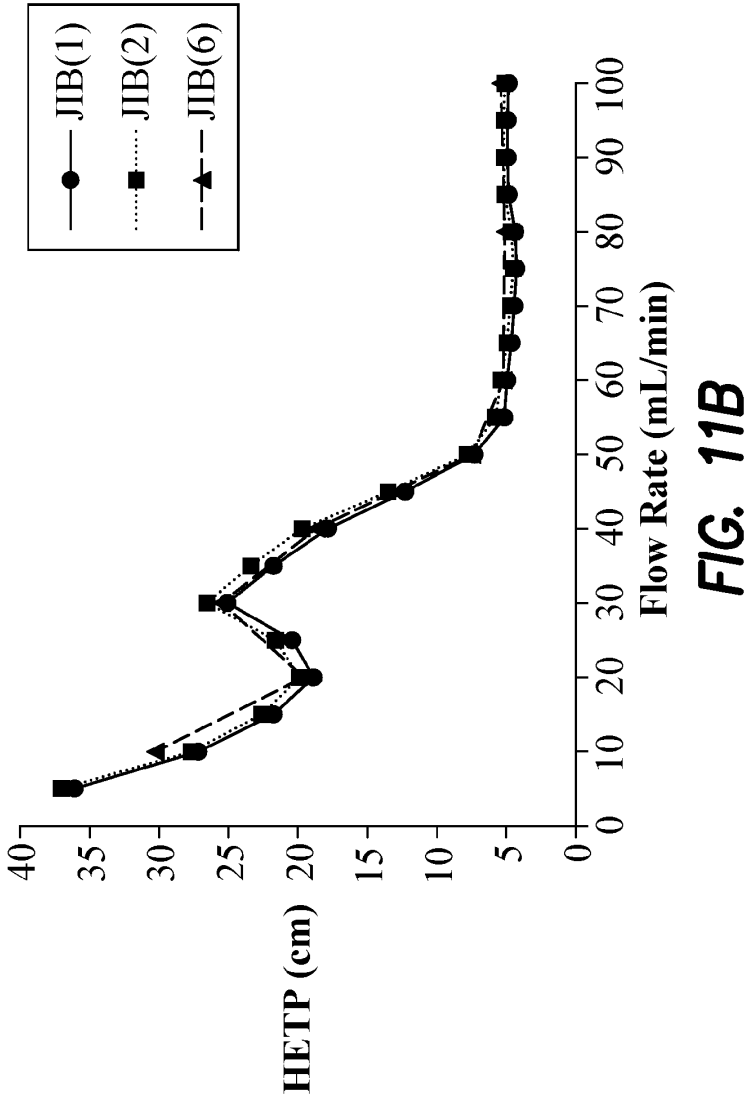
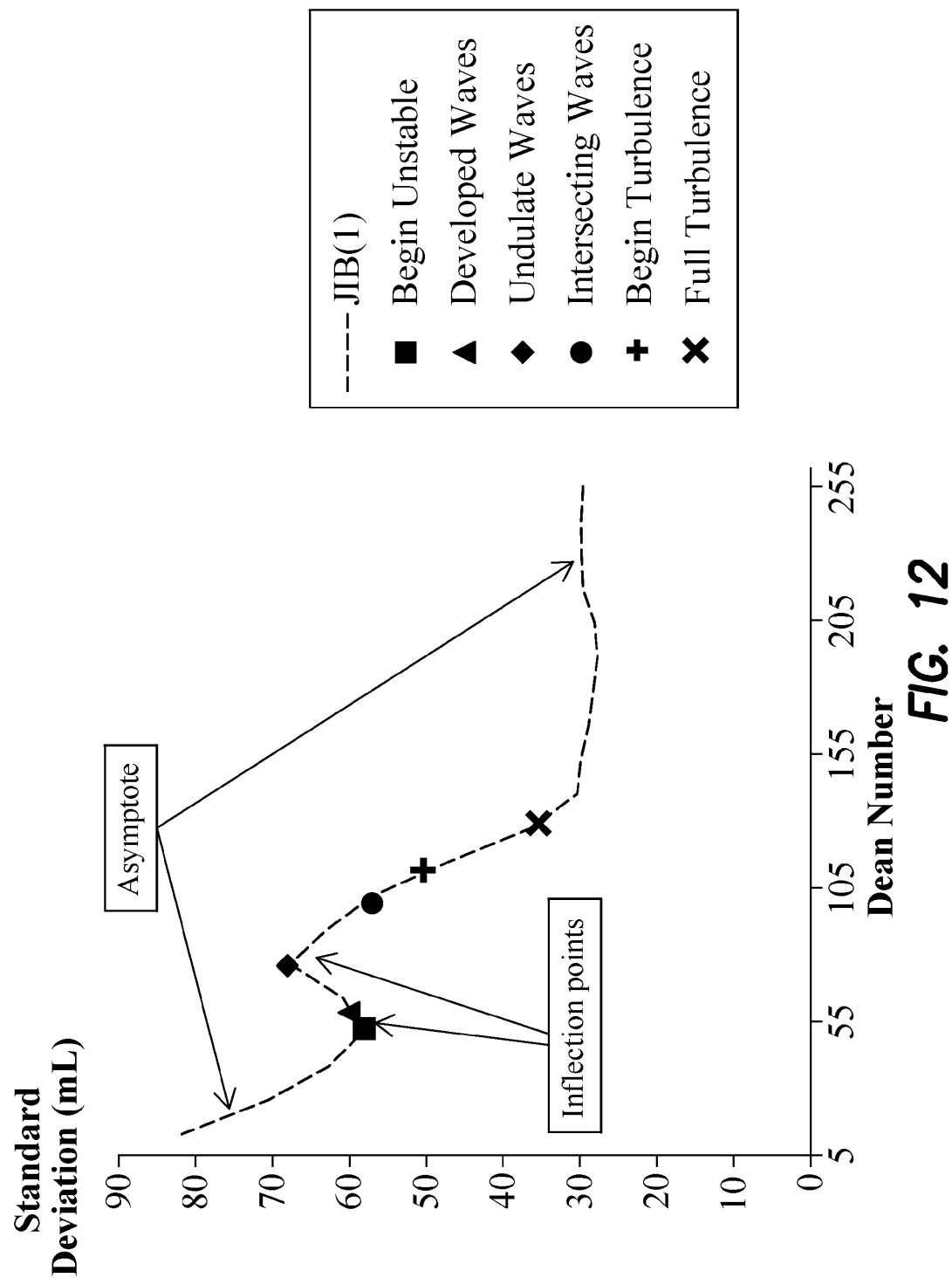


FIG. 11B



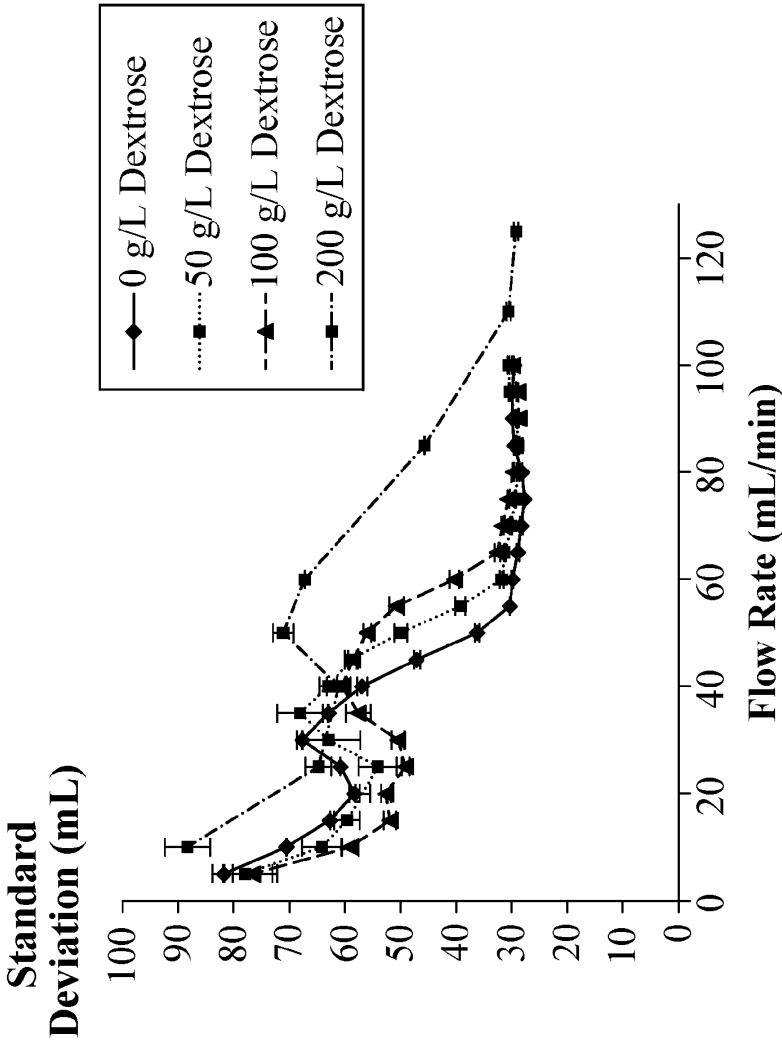


FIG. 13A

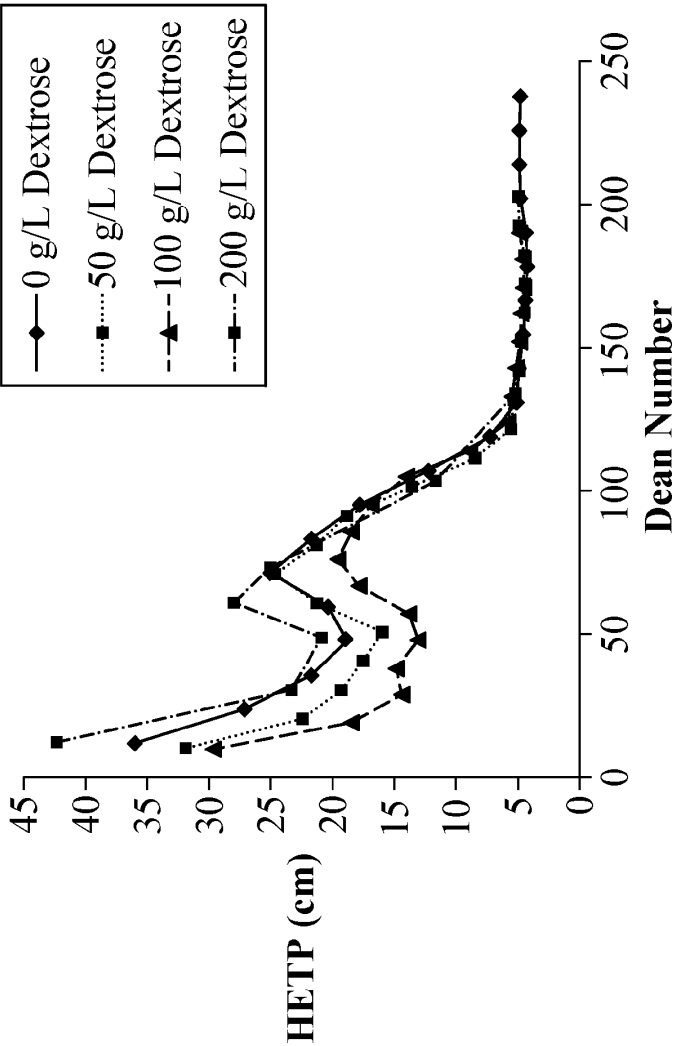


FIG. 13B

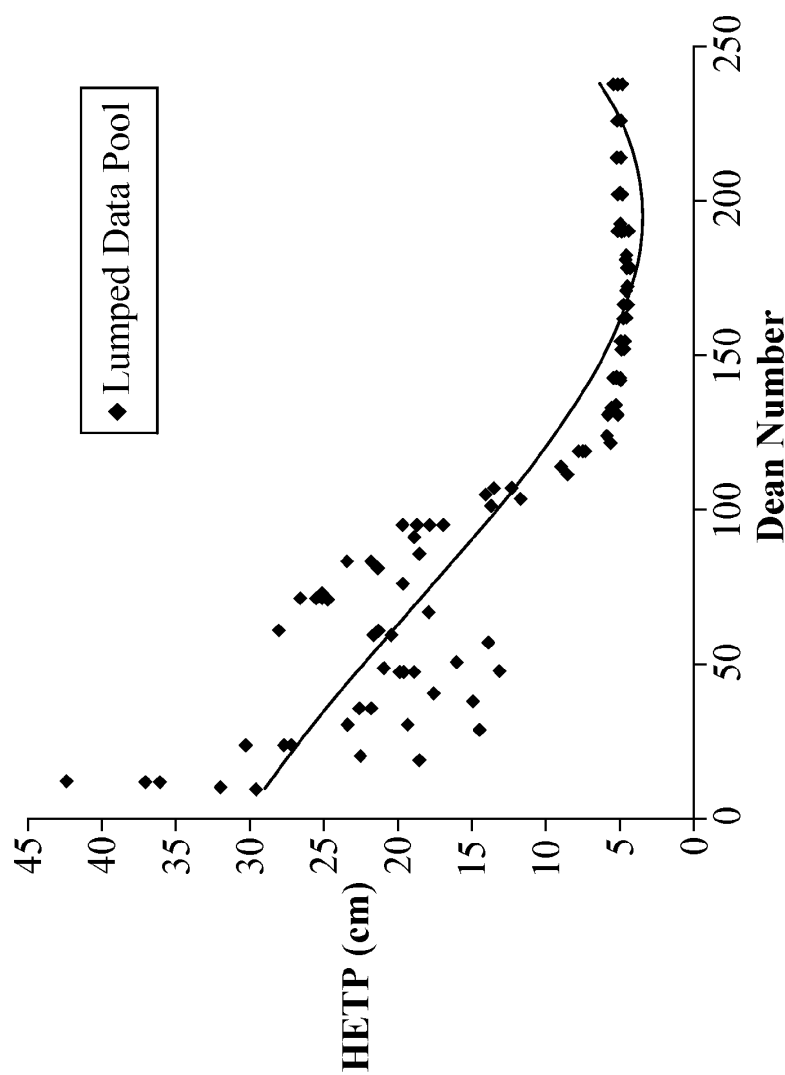


FIG. 13C

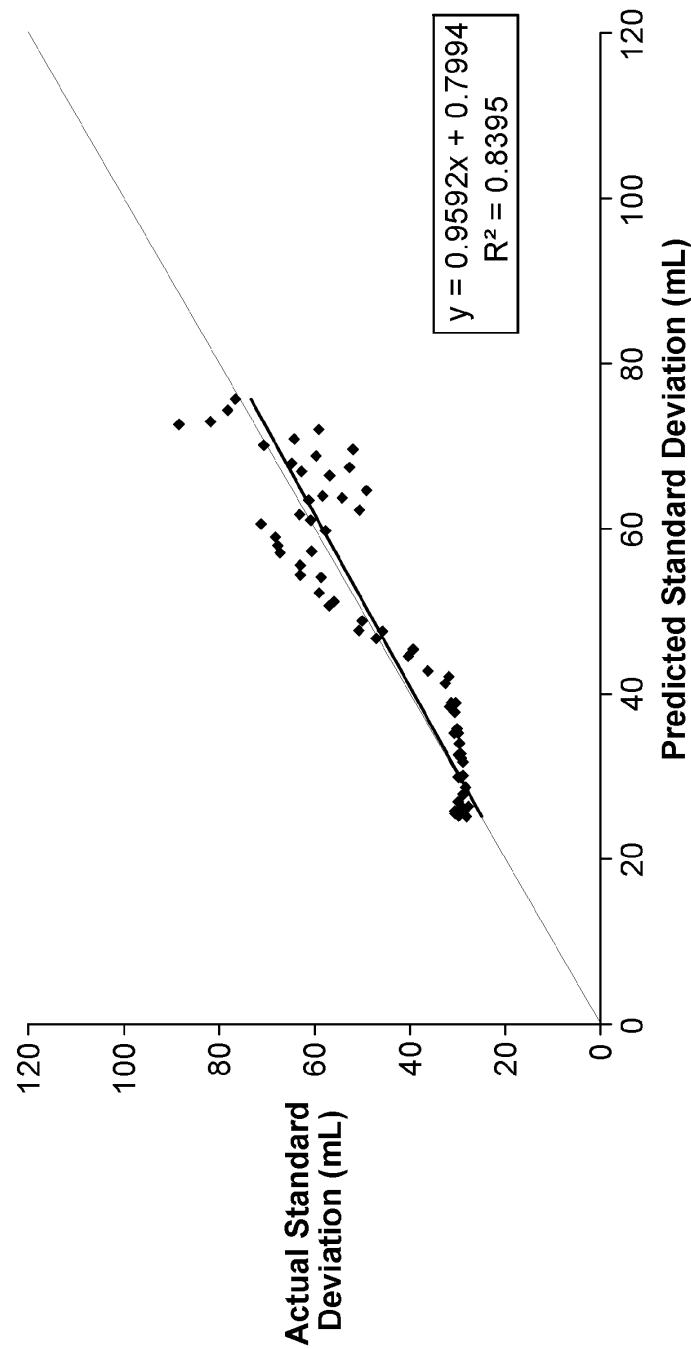


FIG. 13D

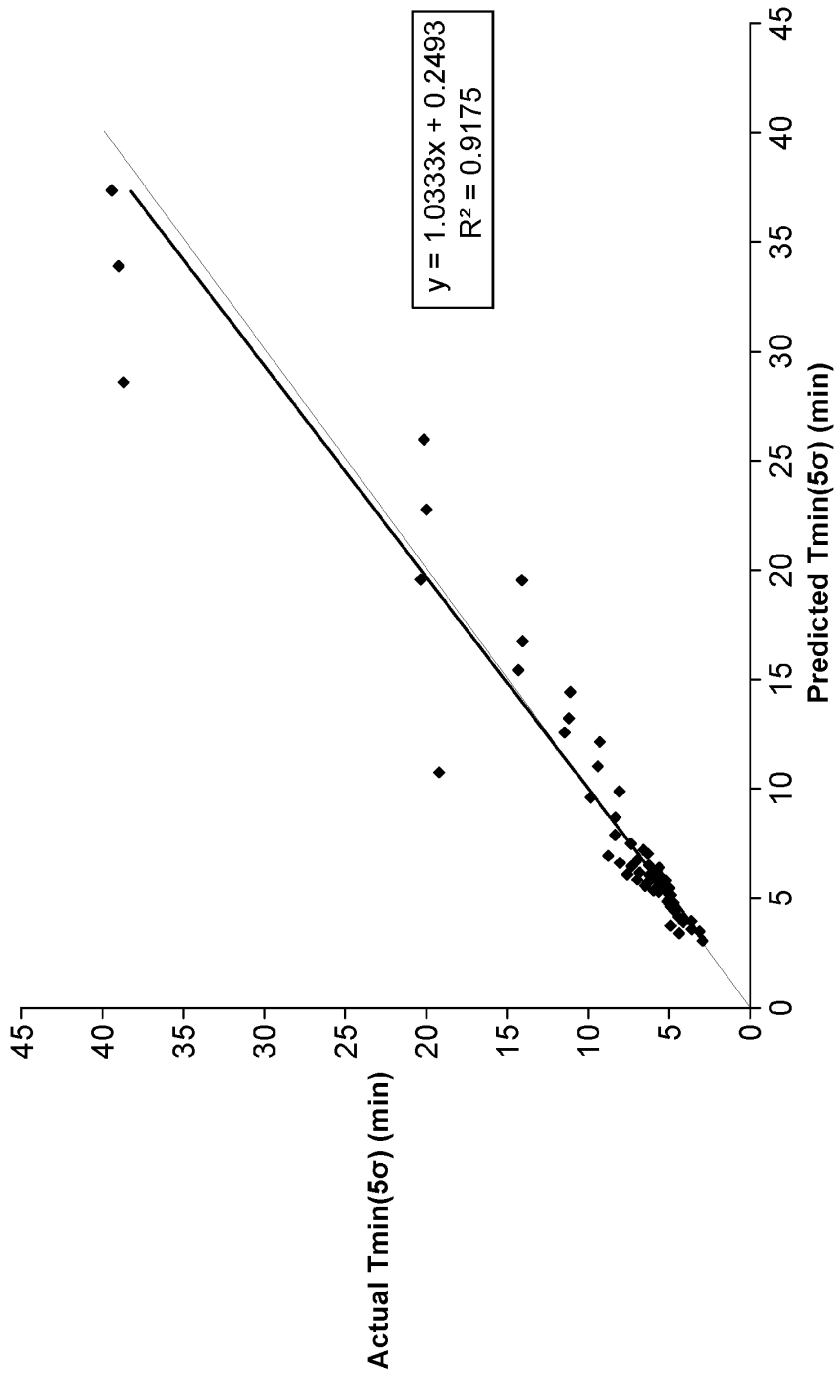


FIG. 13E

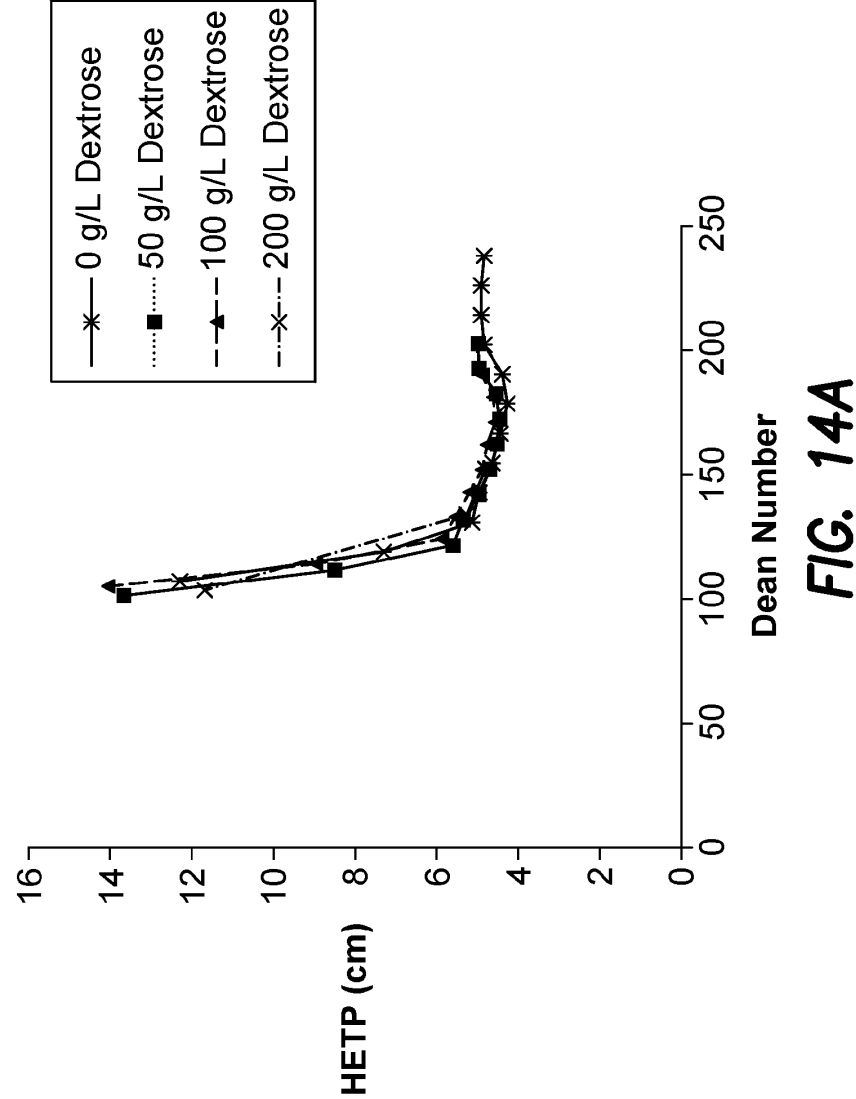


FIG. 14A

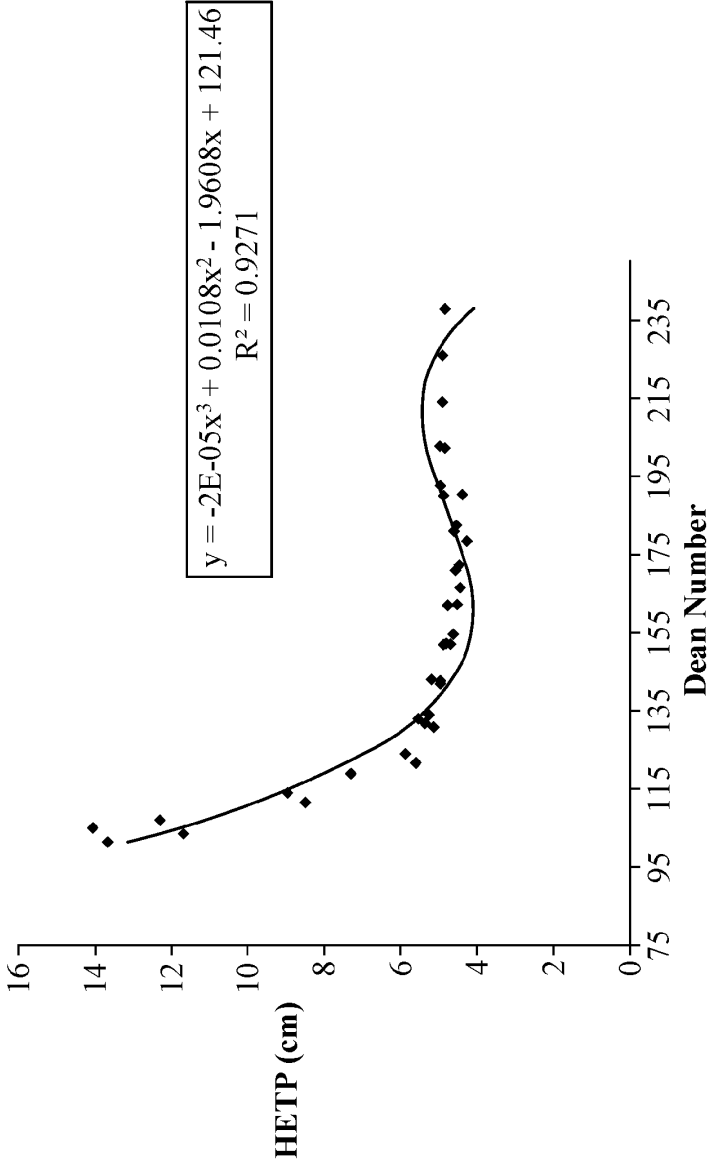


FIG. 14B

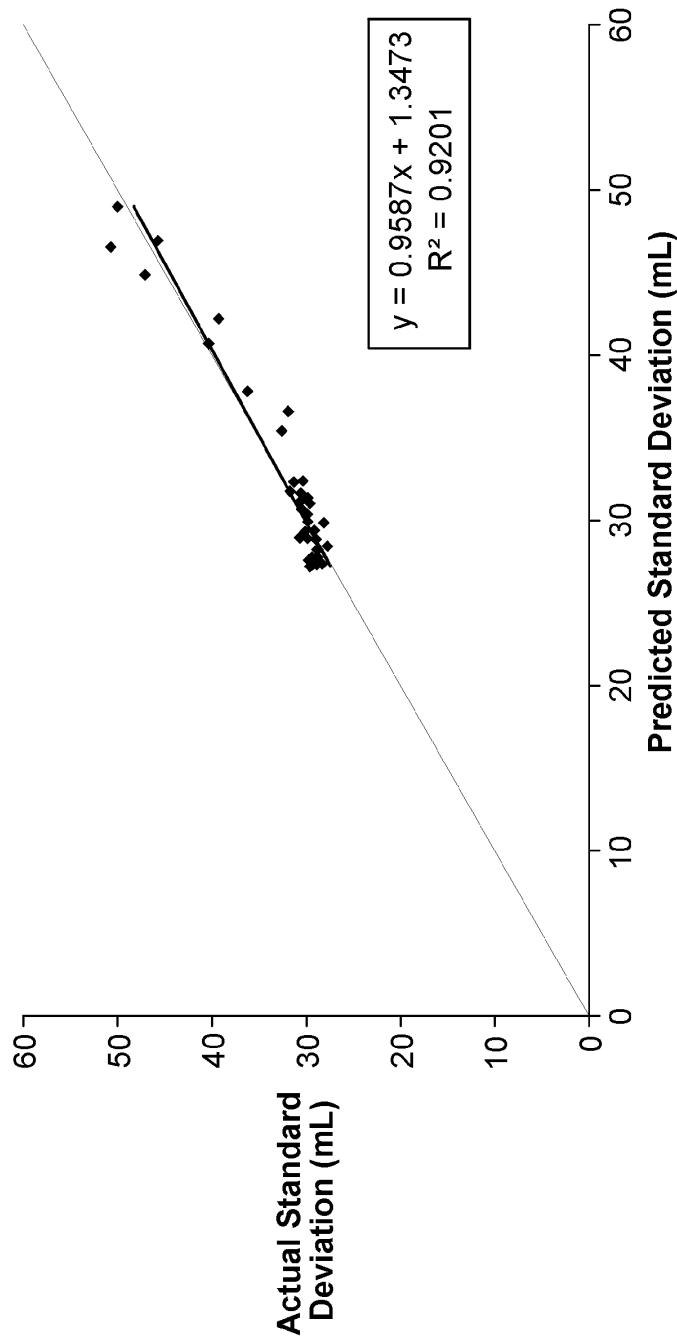


FIG. 14C

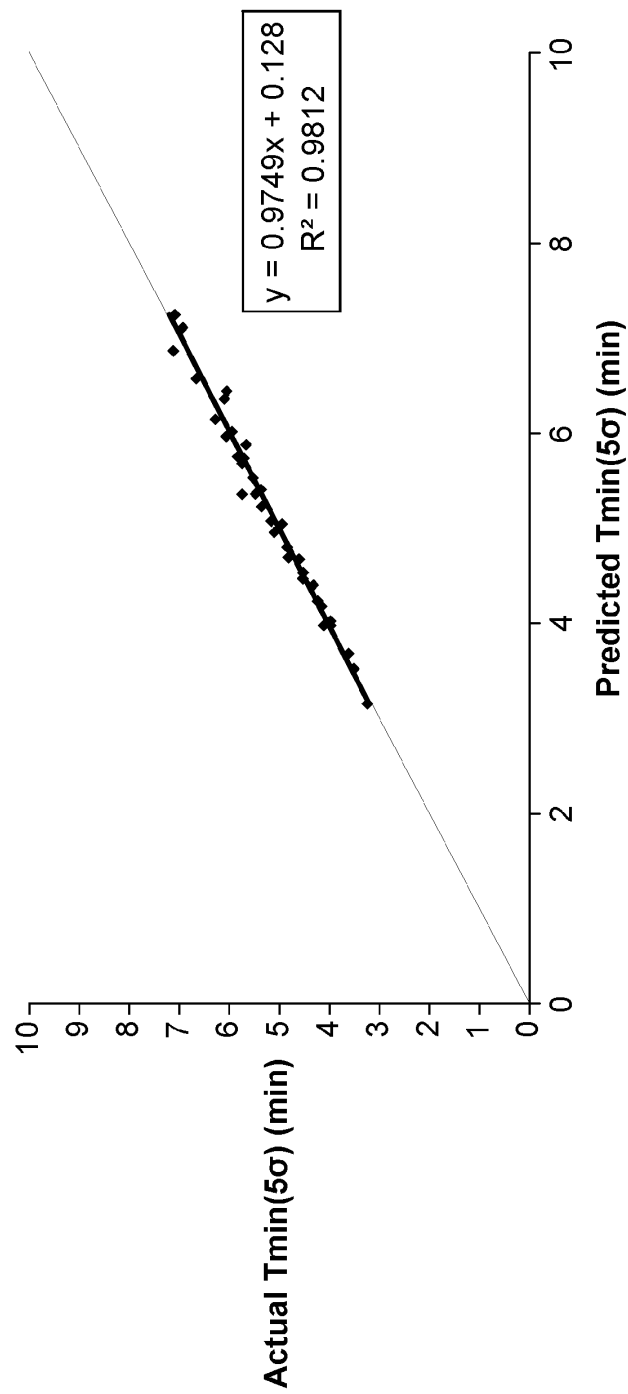


FIG. 14D

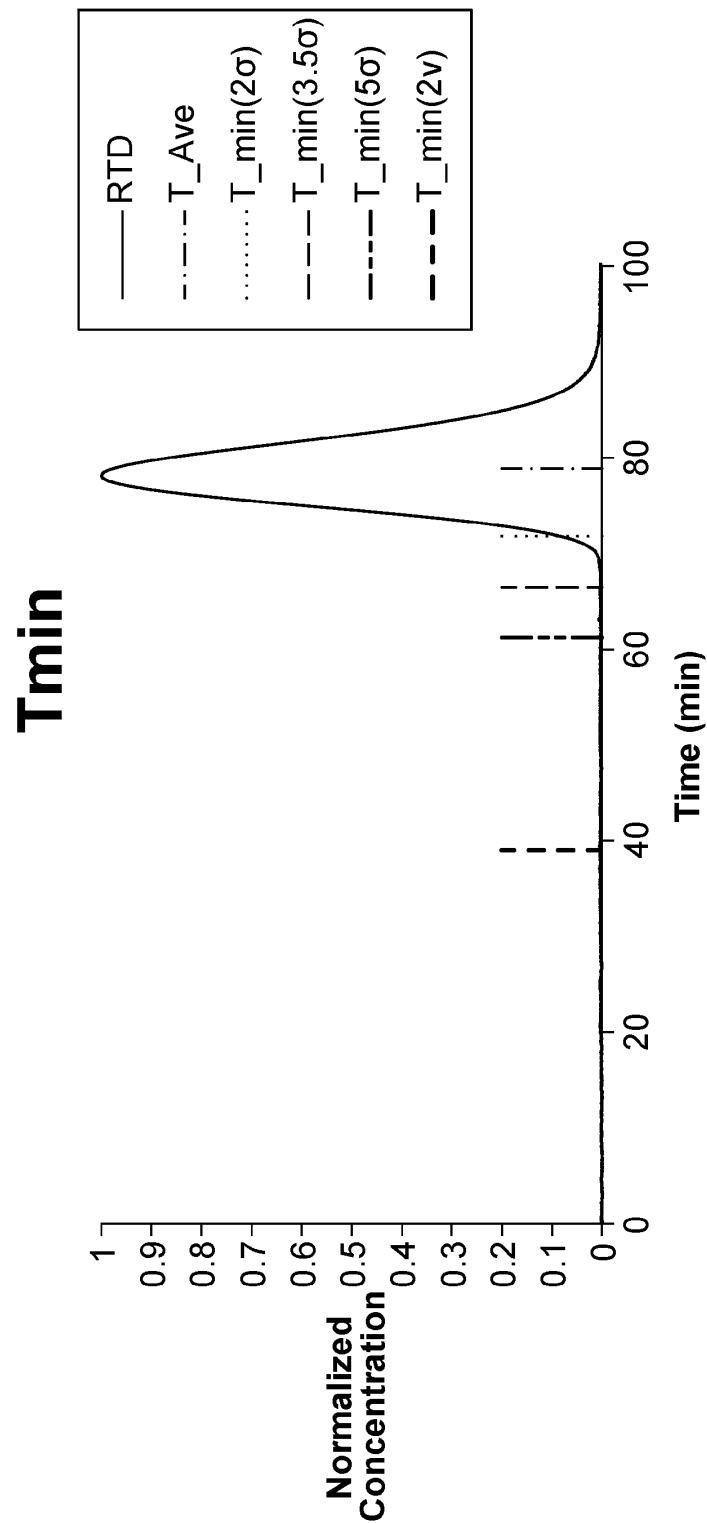
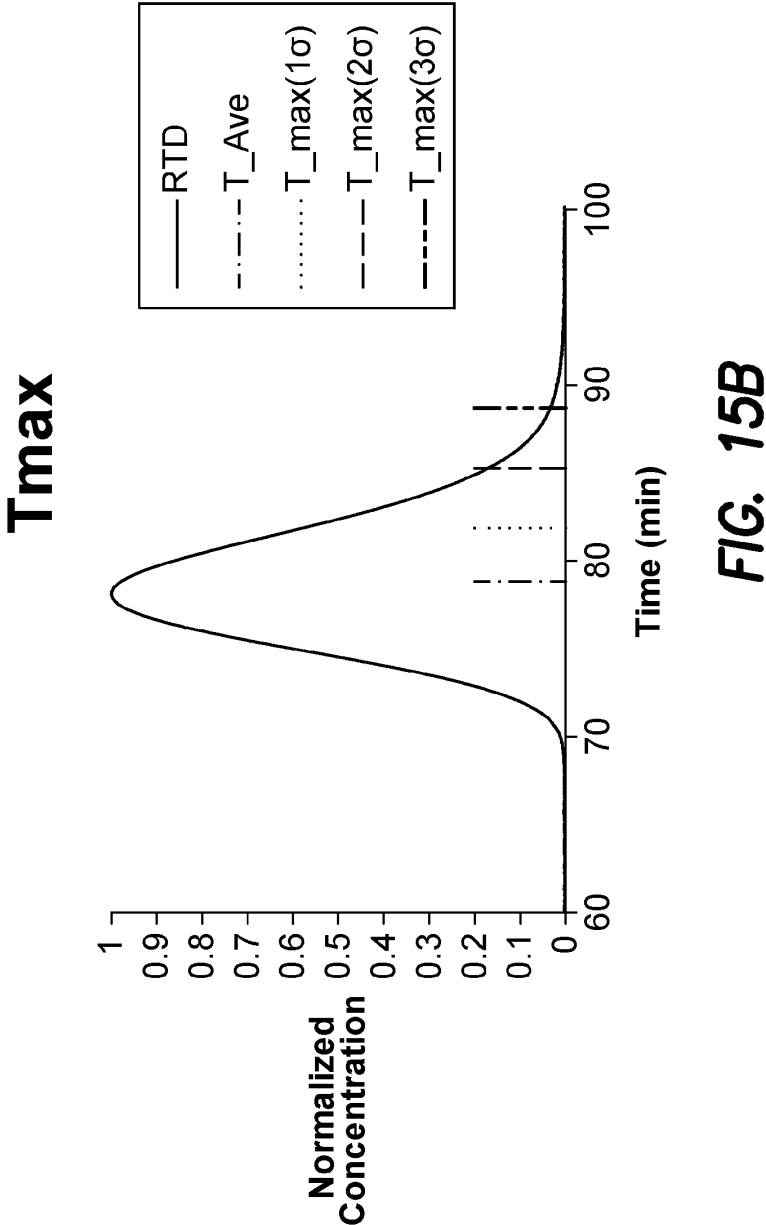


FIG. 15A



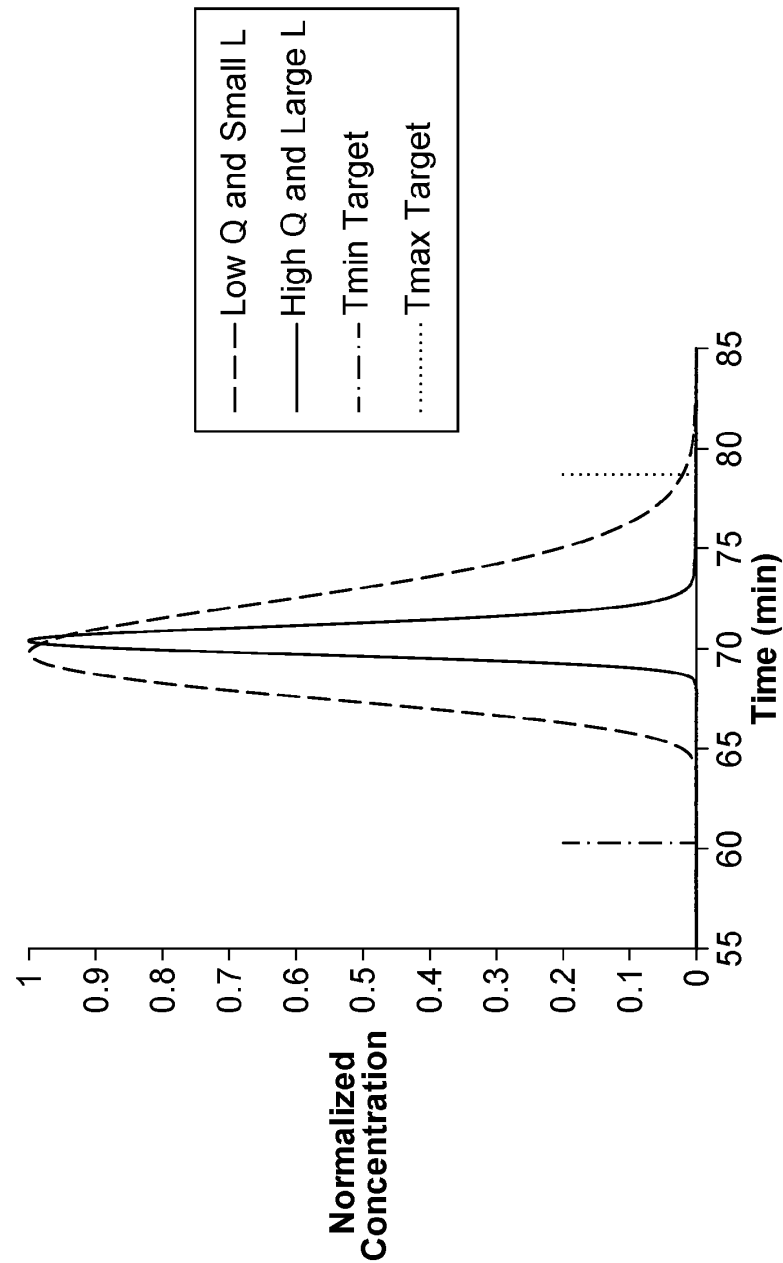
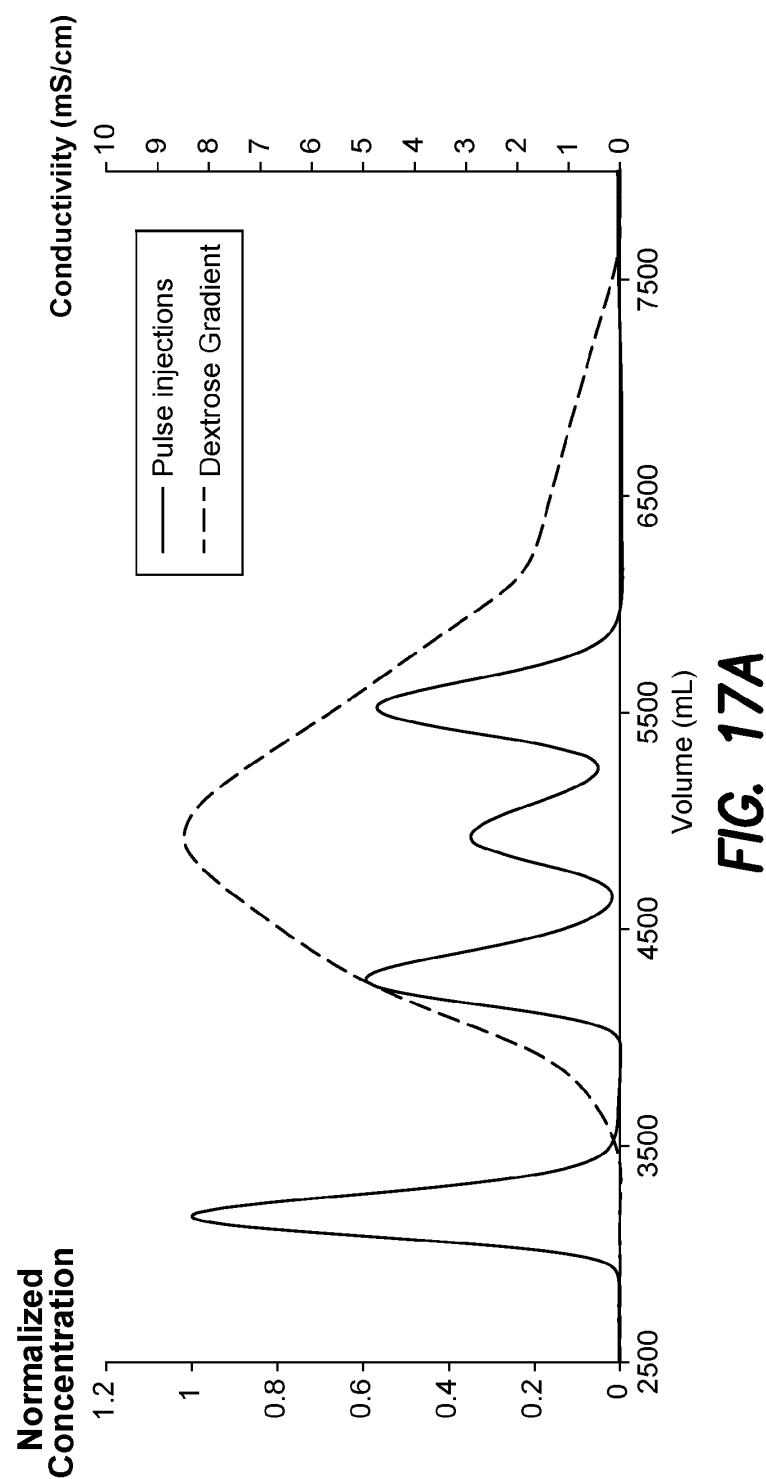


FIG. 16



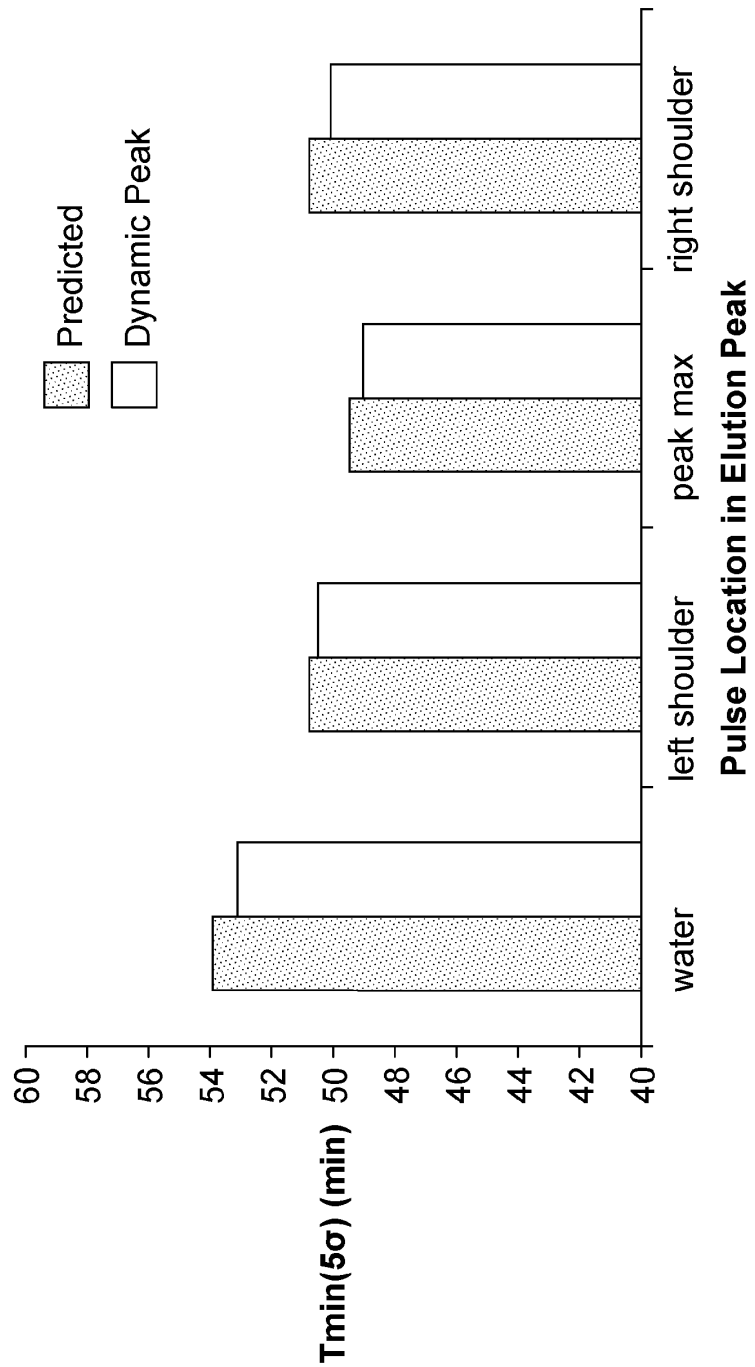


FIG. 17B

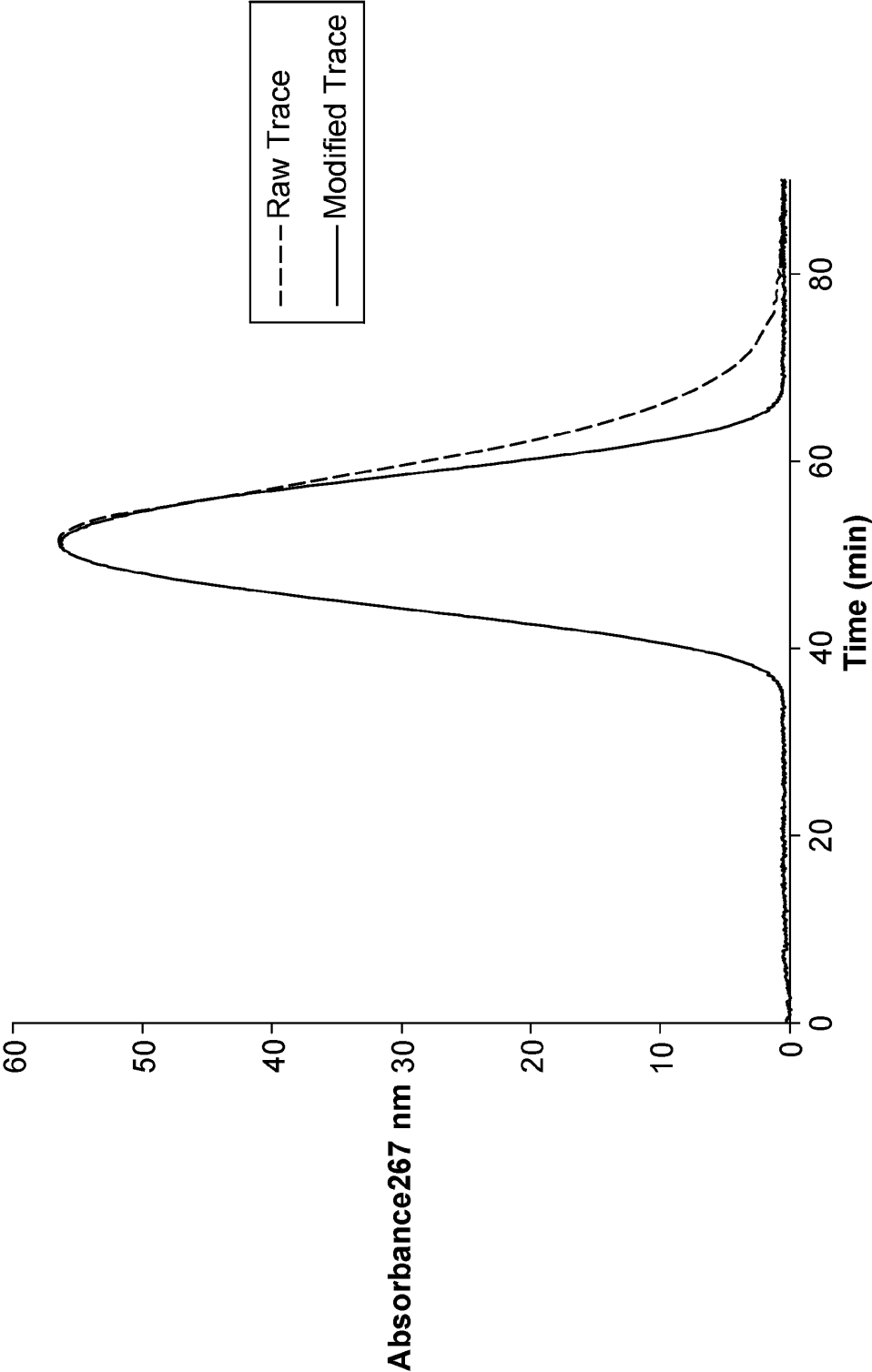
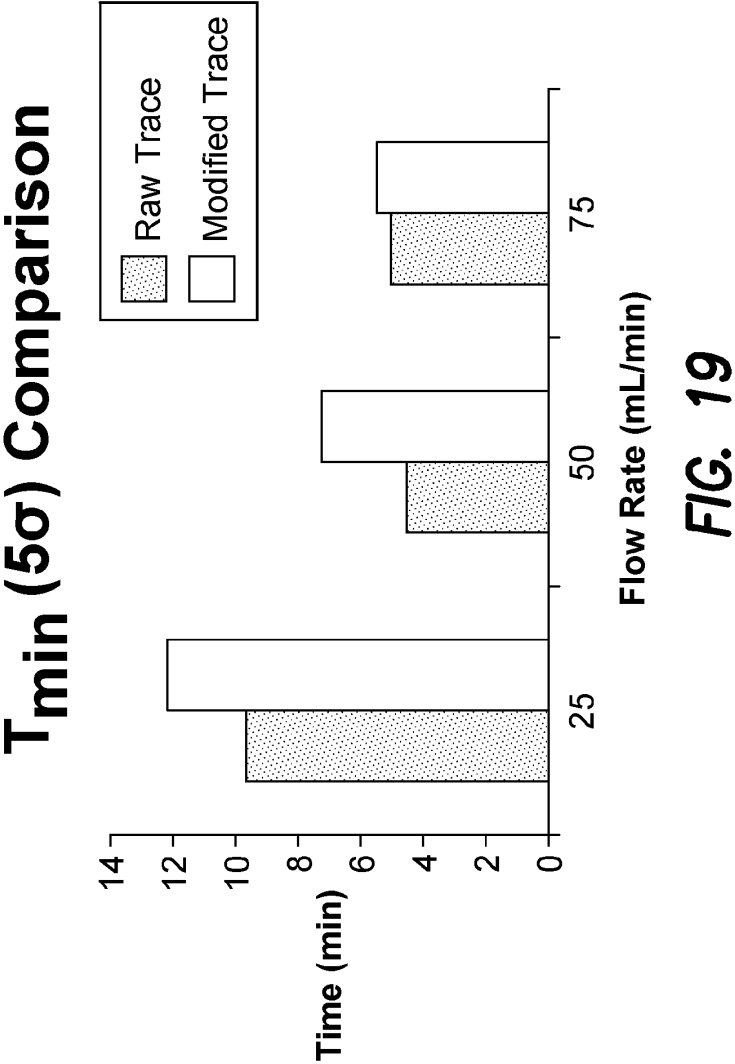
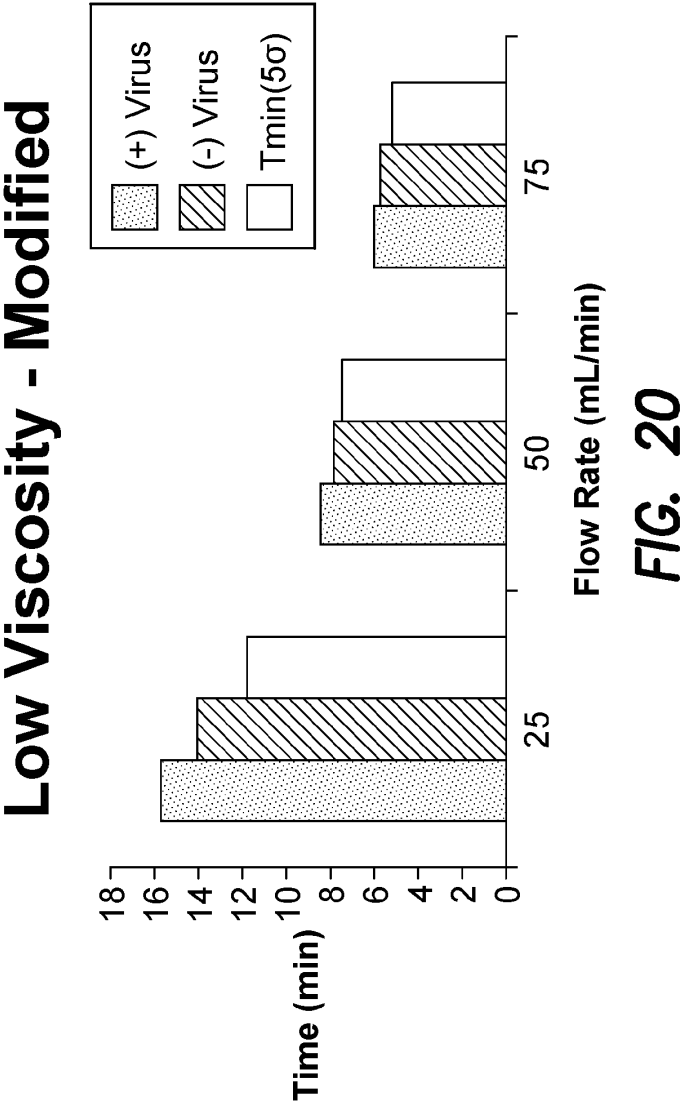


FIG. 18





High Viscosity - Modified

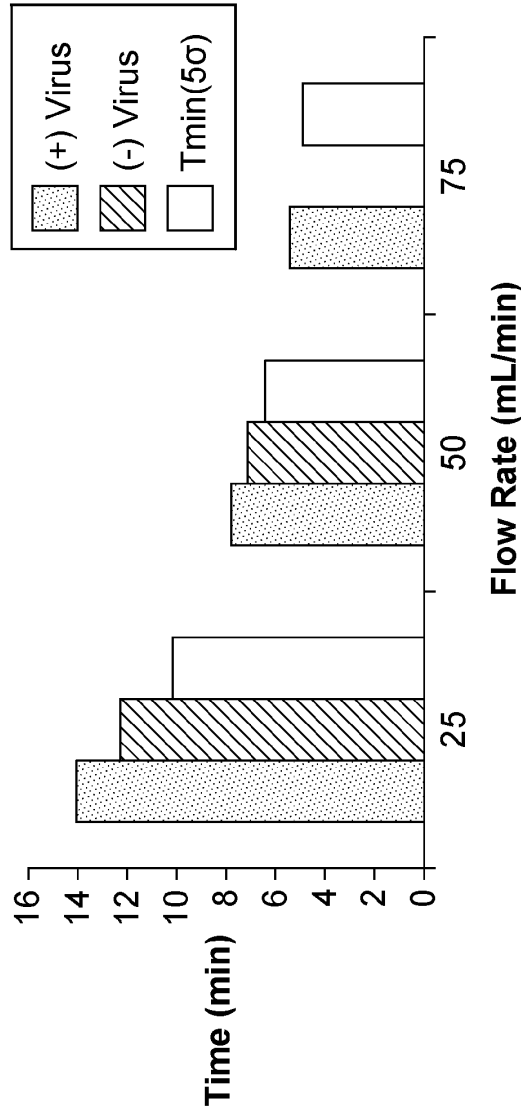


FIG. 21

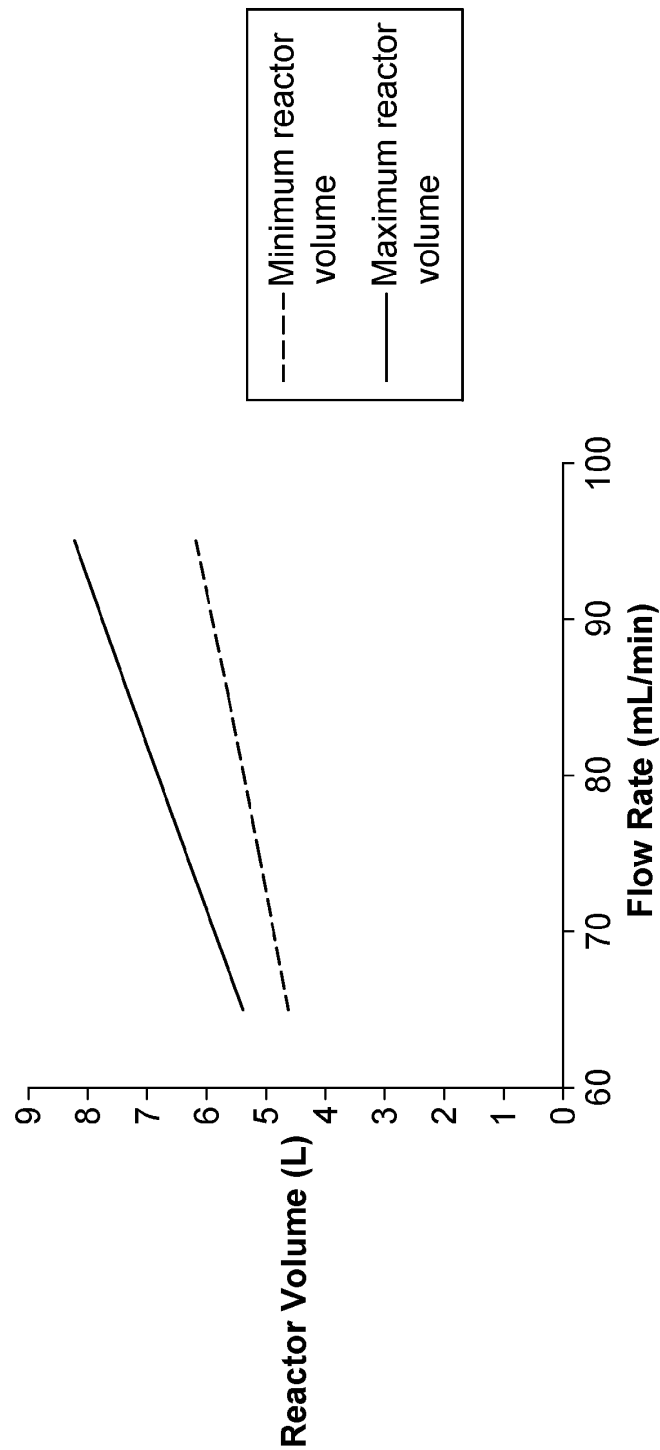


FIG. 22

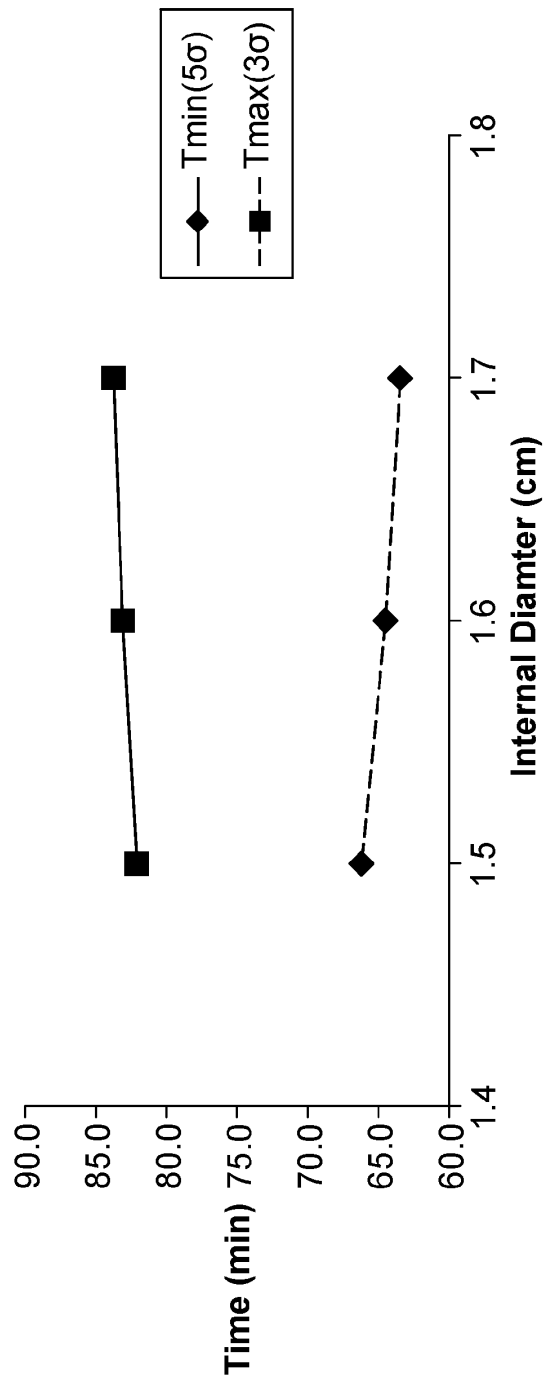


FIG. 23