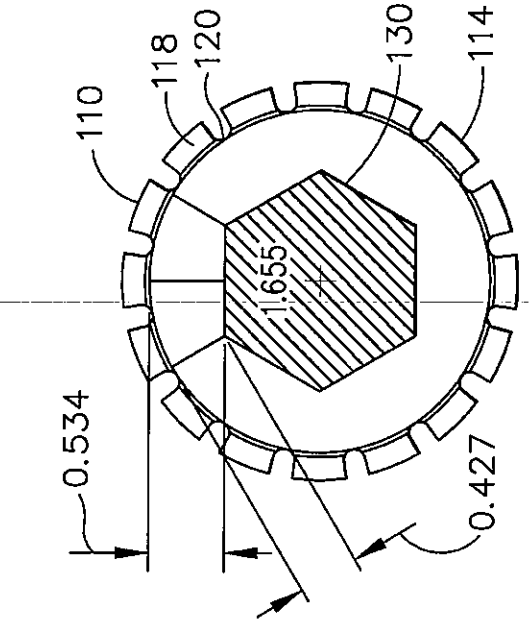


Fig.1A

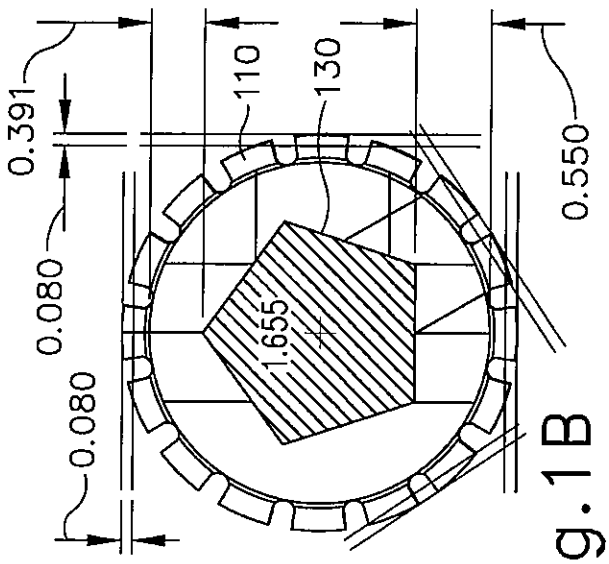


Fig.1B

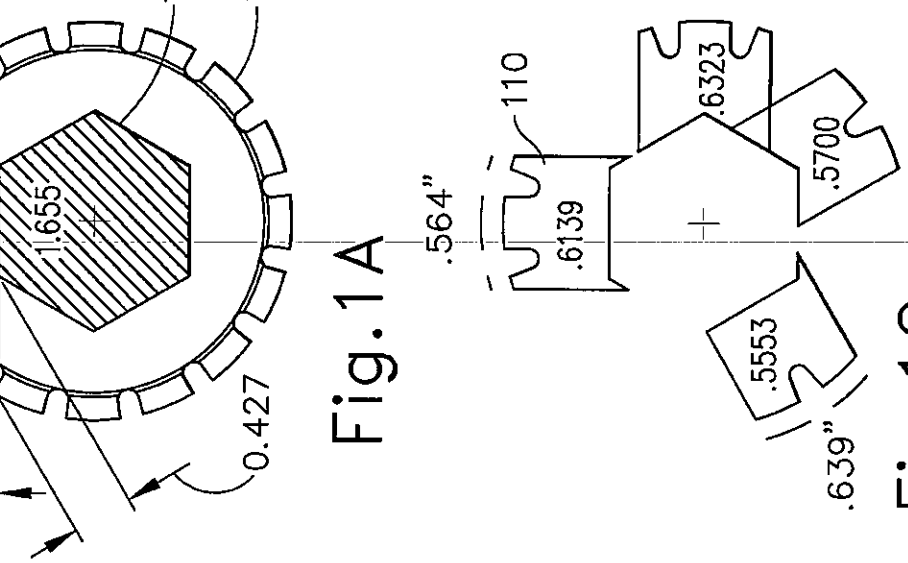


Fig.1C

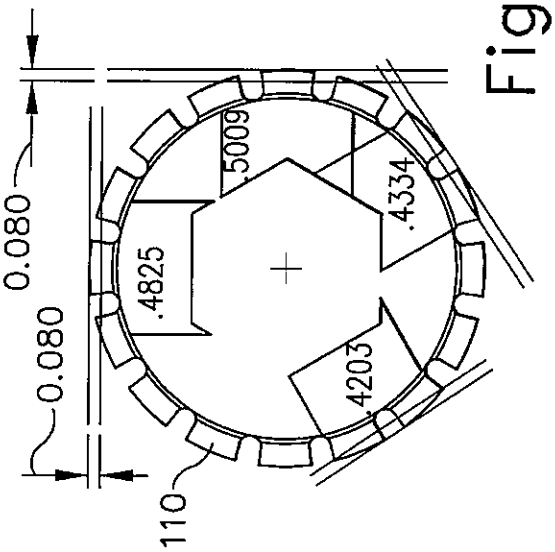


Fig.1D

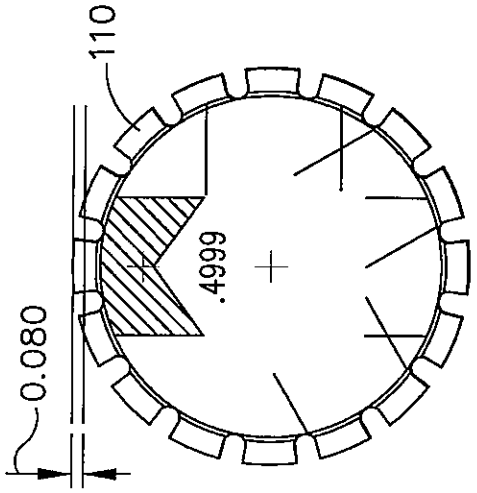


Fig.1F

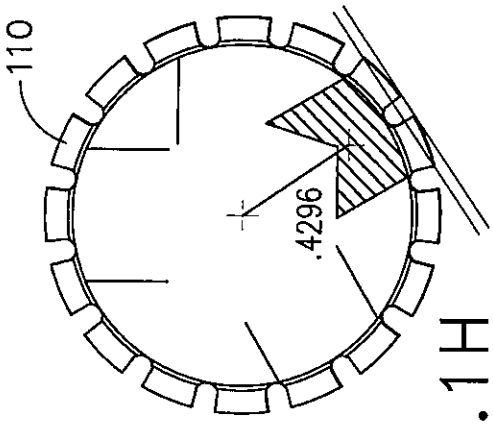


Fig.1H

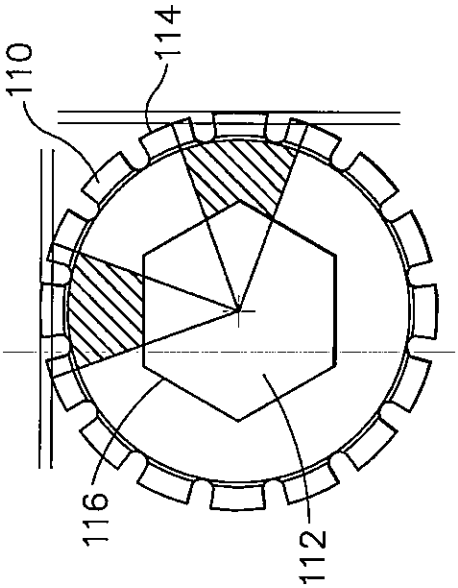


Fig.1E

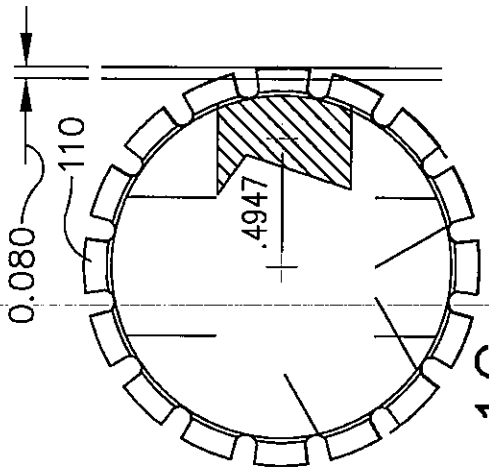


Fig.1G

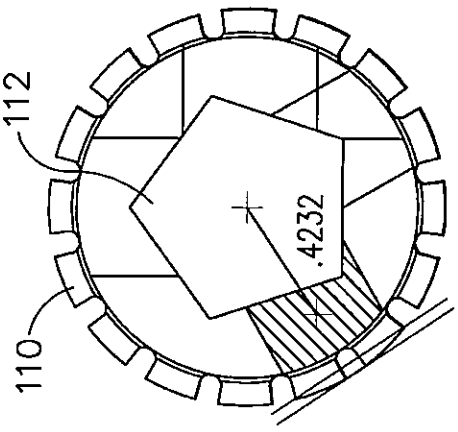


Fig.1J

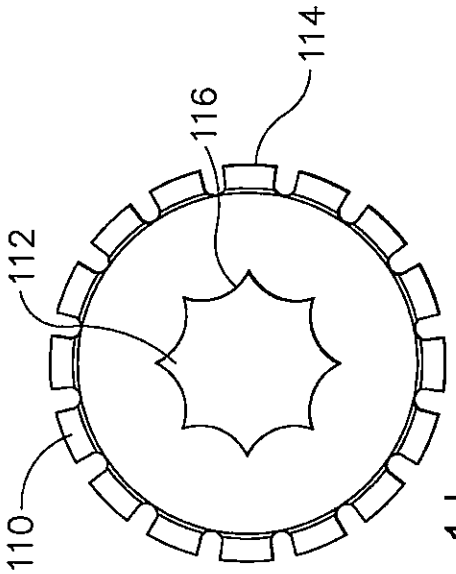


Fig.1L

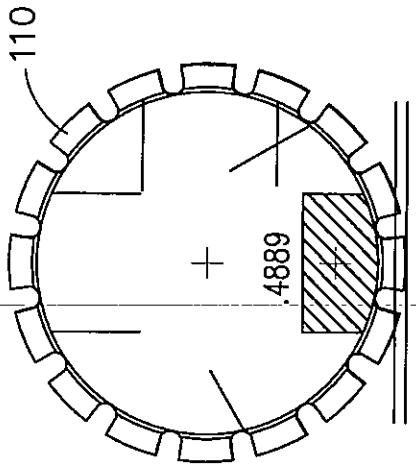


Fig.1I

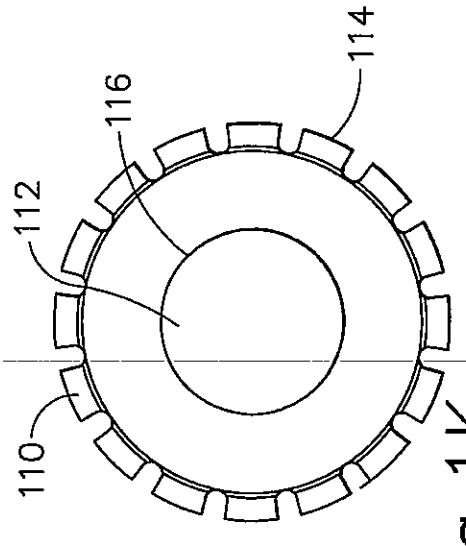


Fig.1K

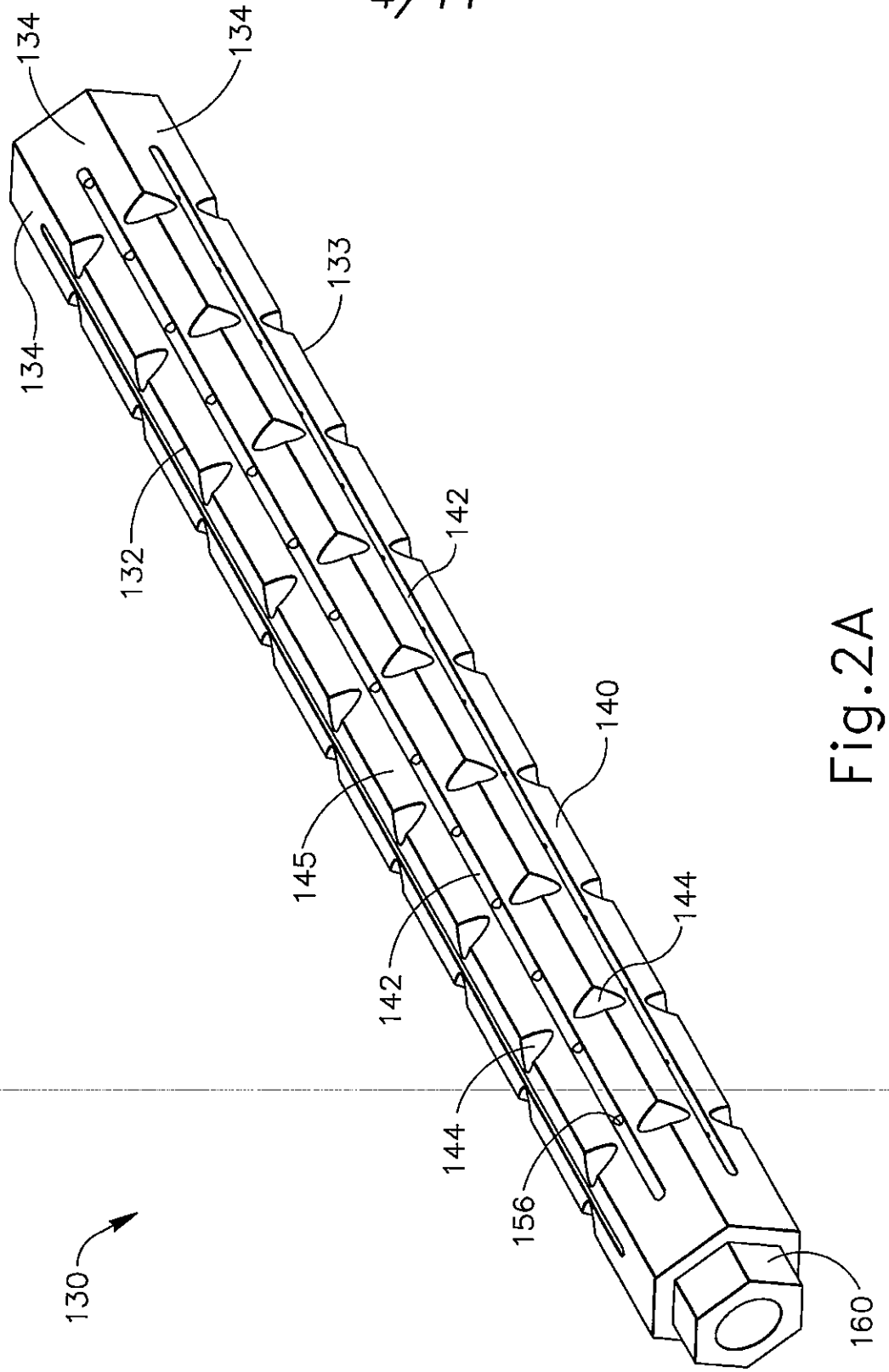


Fig.2A

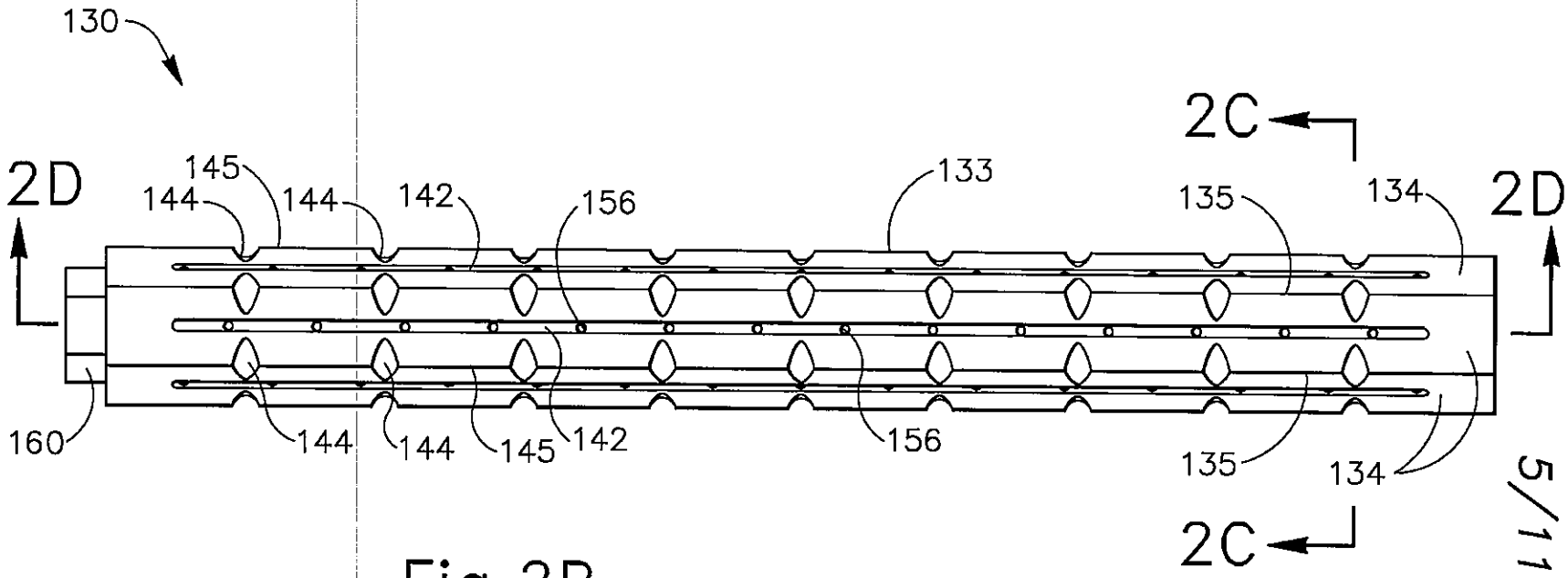

130
2D
145
144
144
142
156
133
135
134
2C
2D
160
144
144
145
142
156
135
134
2C

Fig.2B

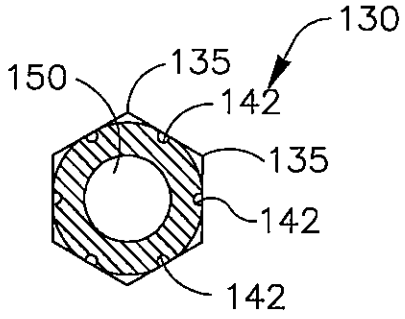

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150
135
142
135
142
142

Fig.2C

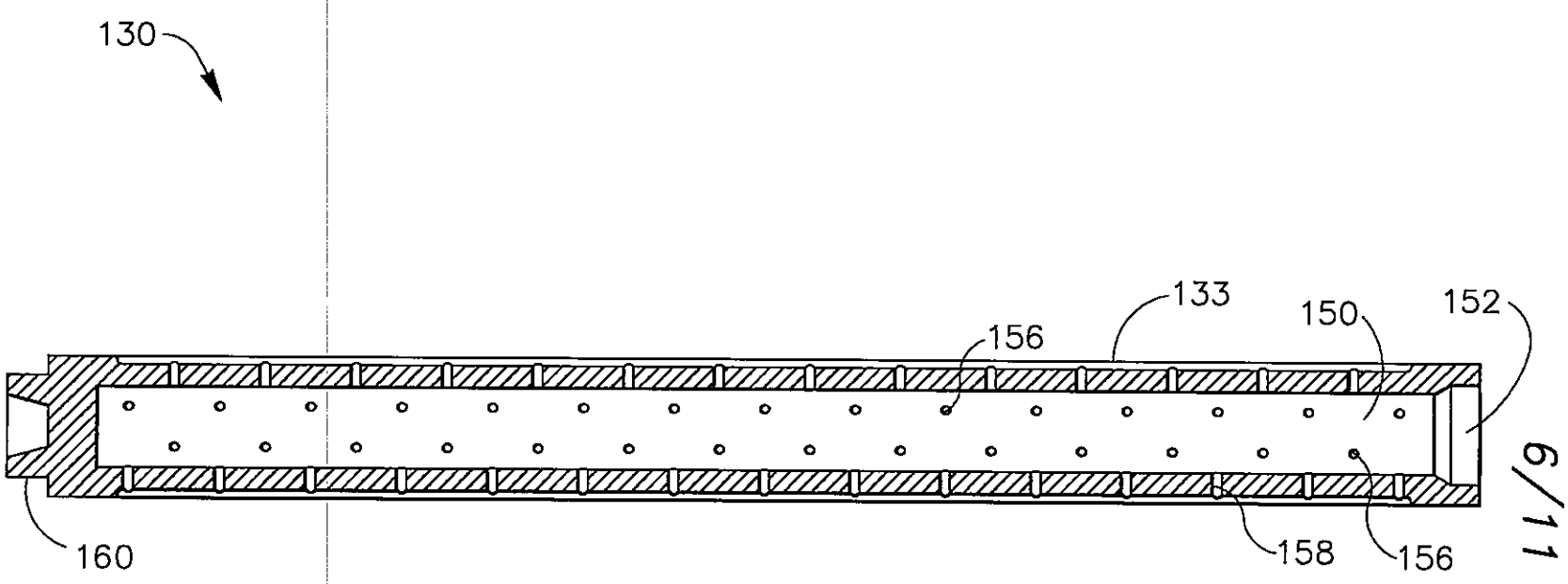


Fig.2D

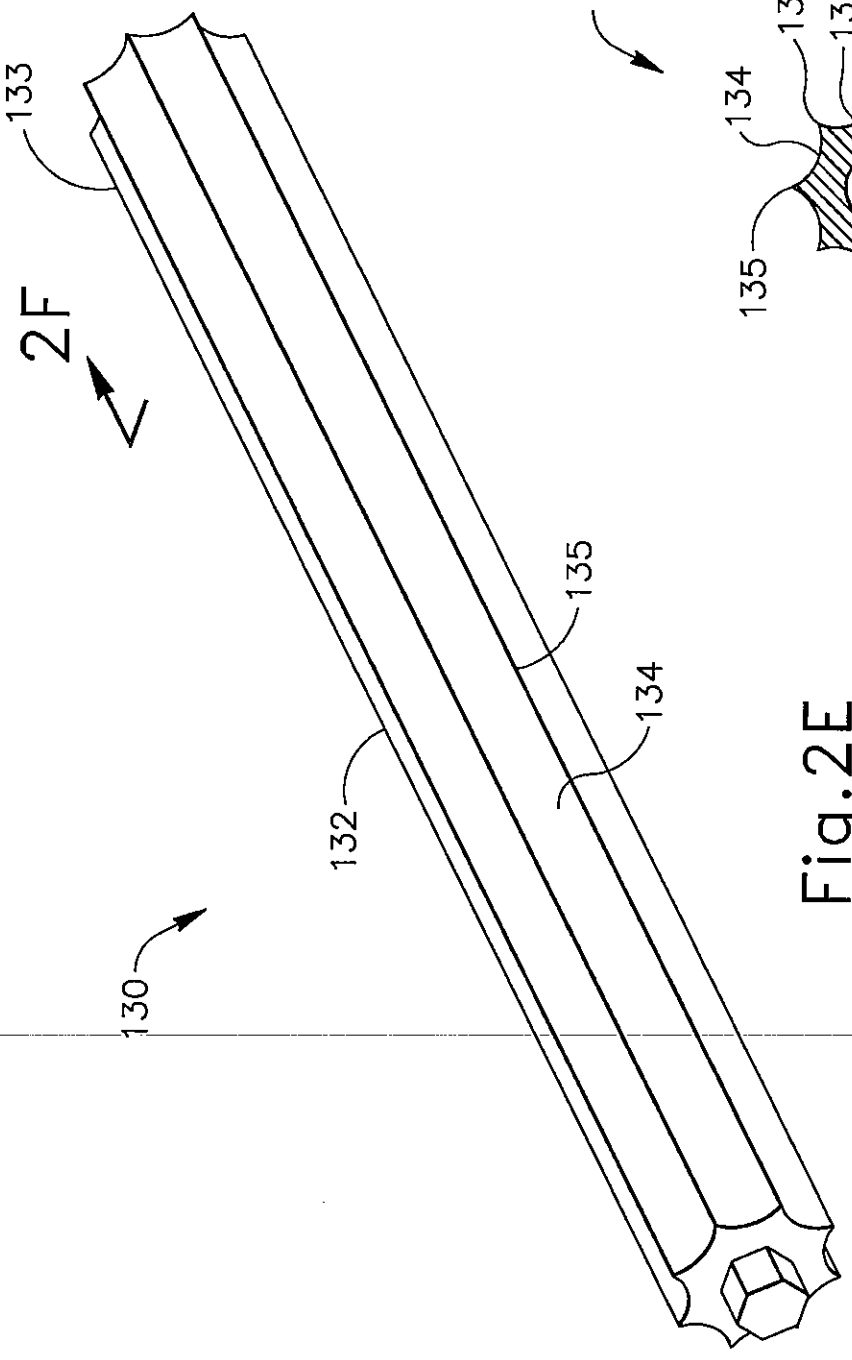


Fig.2E

Fig.2F

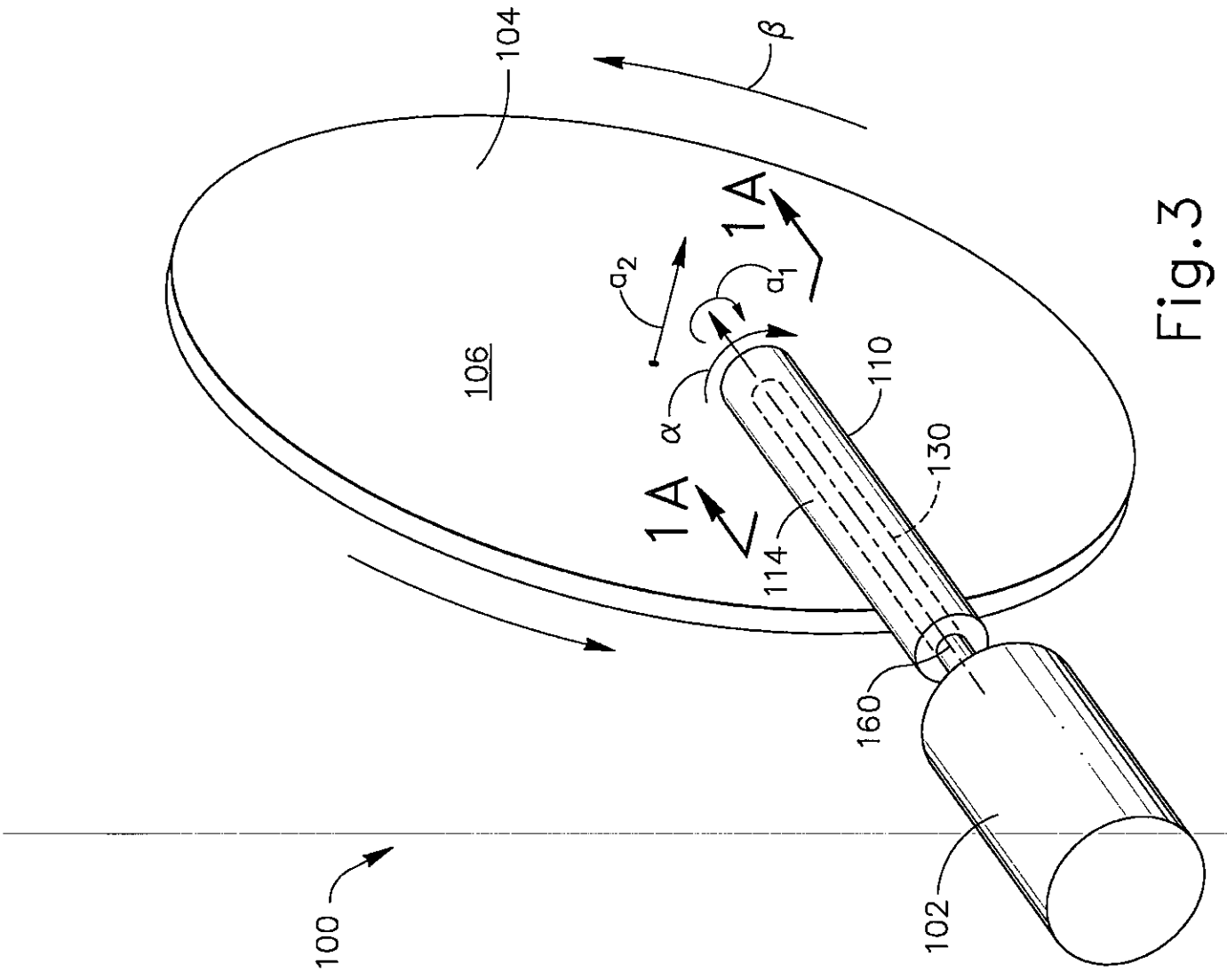


Fig.3

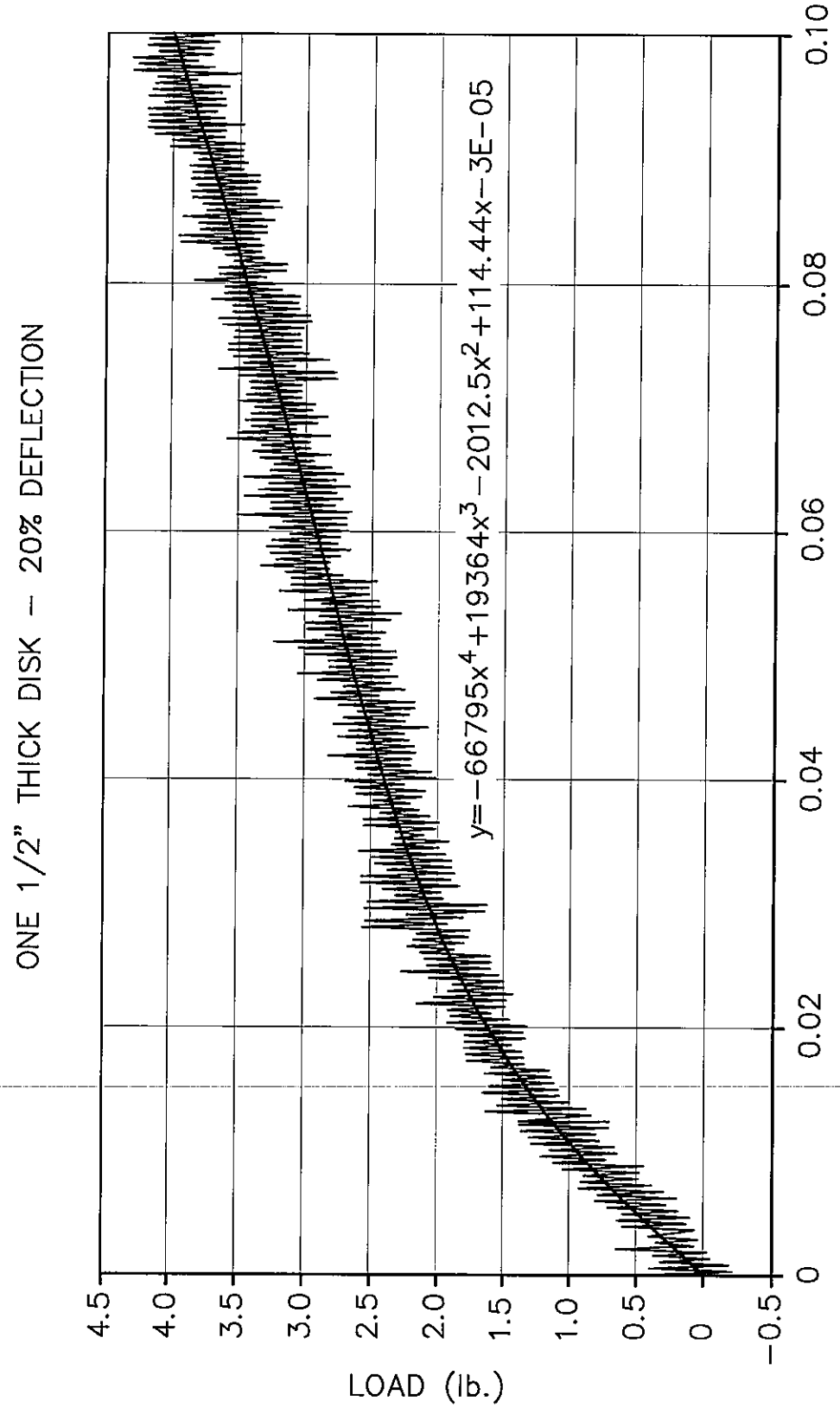

ONE 1/2" THICK DISK – 20% DEFLECTION
y=−66795x4+19364x3−2012.5x2+114.44x−3E−05
LOAD (lb.)
DEFLECTION (in.)
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0
−0.5
0
0.02
0.04
0.06
0.08
0.10

Fig.4

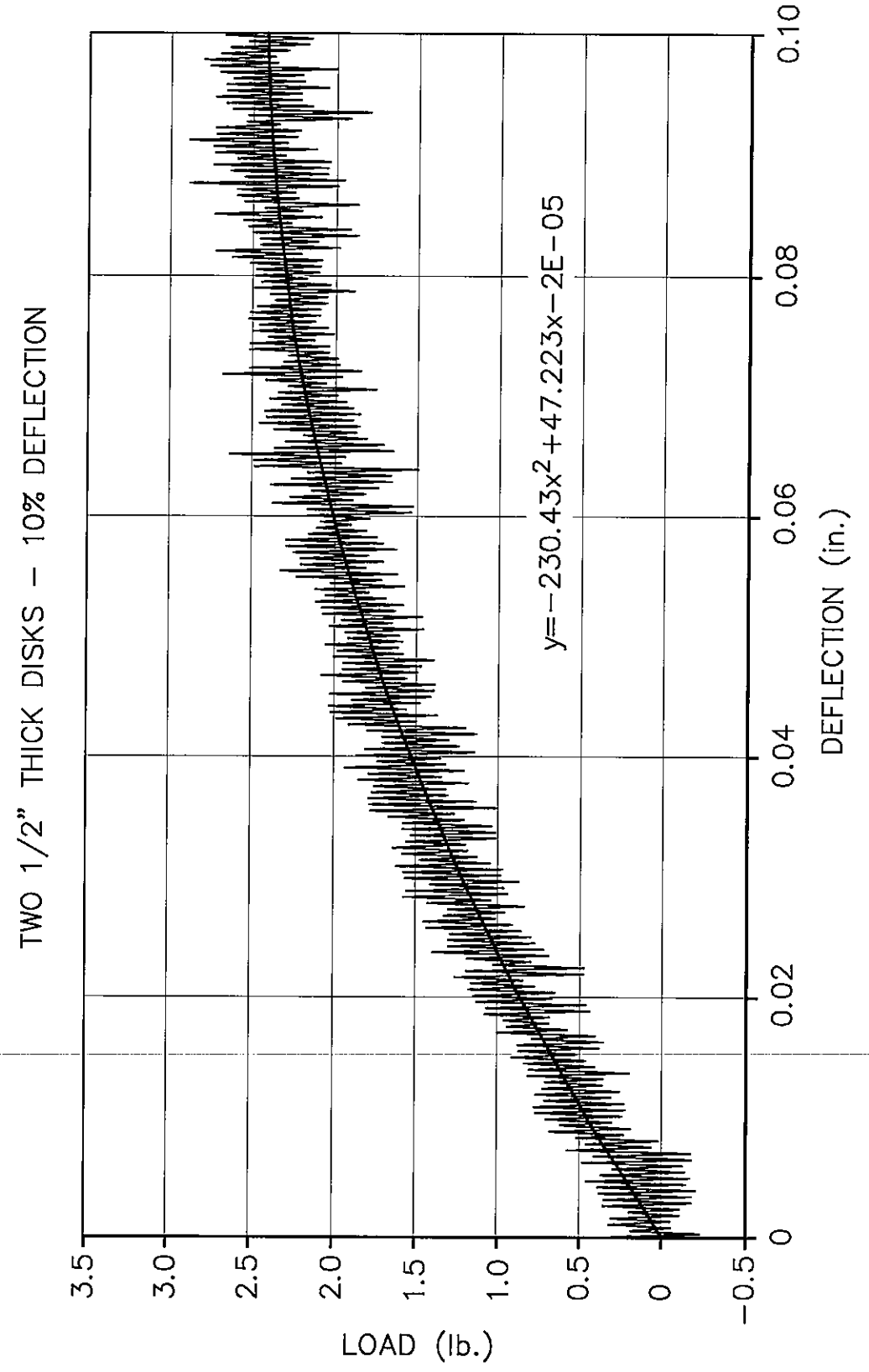

TWO 1/2" THICK DISKS - 10% DEFLECTION
y=−230.43x²+47.223x−2E−05
LOAD (lb.)
DEFLECTION (in.)
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0
−0.5
0
0.02
0.04
0.06
0.08
0.10

Fig.5

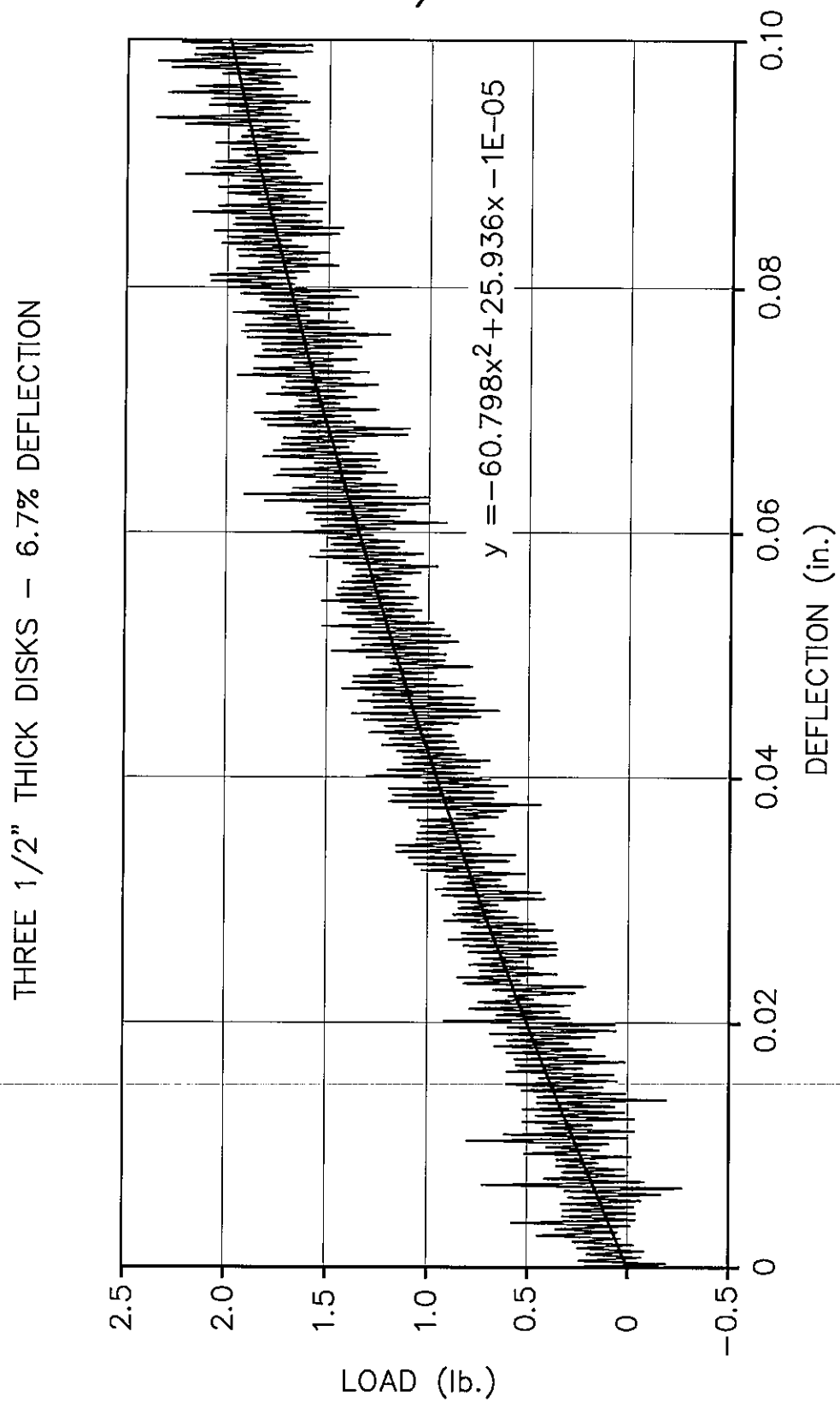

THREE 1/2" THICK DISKS – 6.7% DEFLECTION
y = −60.798x² + 25.936x − 1E-05
LOAD (lb.)
DEFLECTION (in.)
2.5
2.0
1.5
1.0
0.5
0
−0.5
0
0.02
0.04
0.06
0.08
0.10

Fig.6