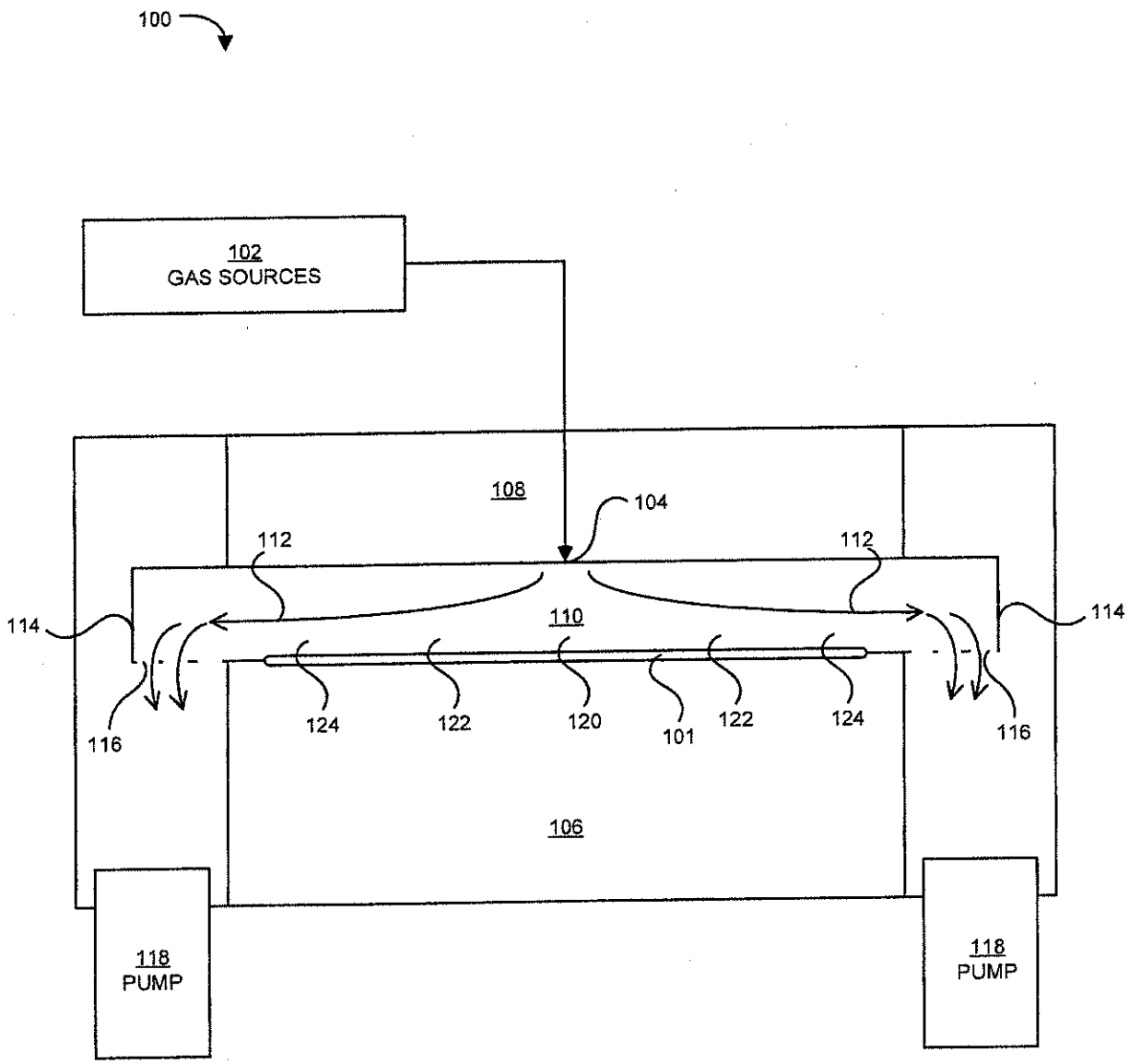

FIG. 1
Prior Art

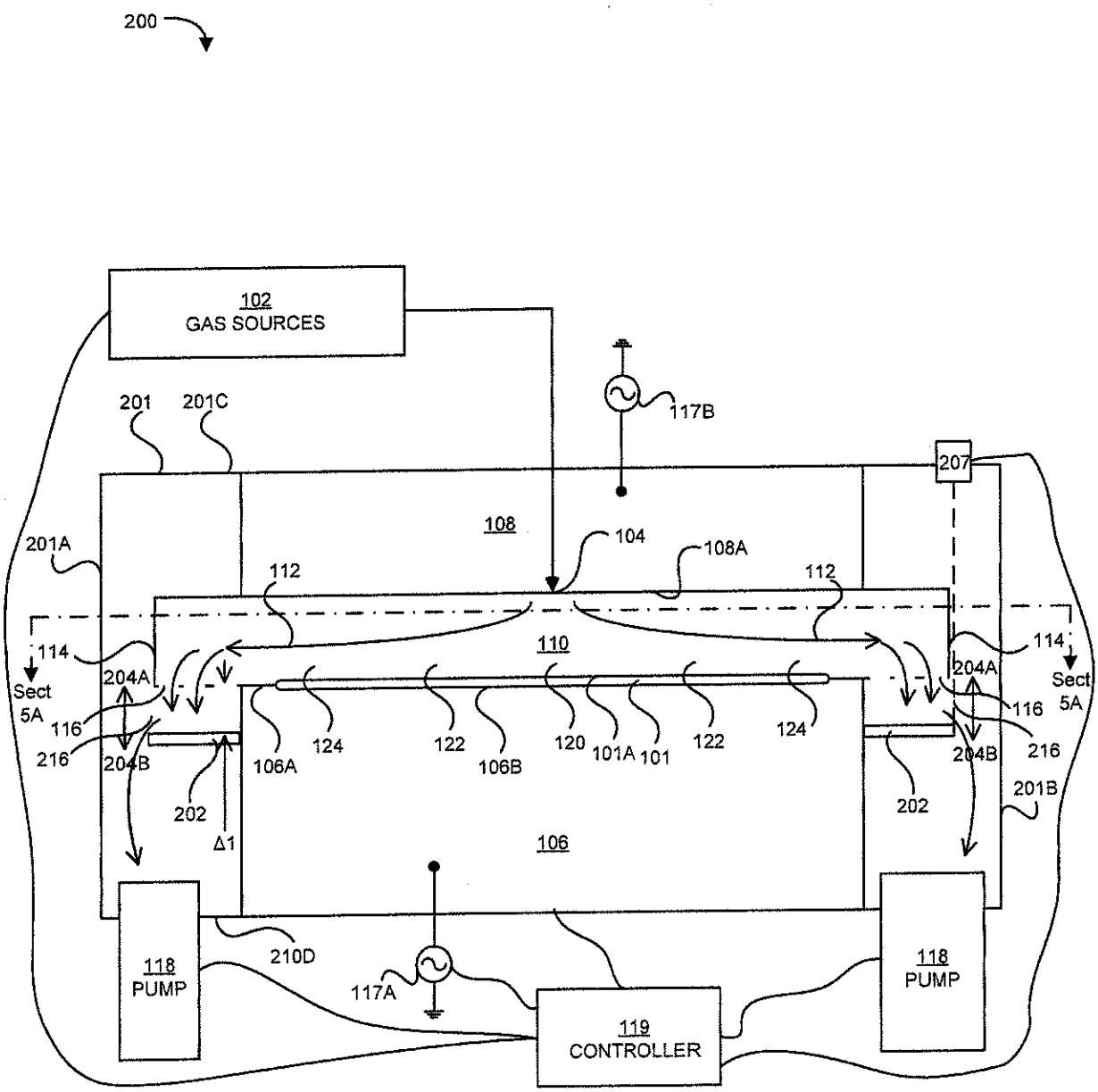
200
102
GAS SOURCES
117B
201
201C
207
108
104
108A
201A
112
112
114
110
114
Sect
5A
204A
204A
Sect
5A
116
216
204B
106A
124
122
106B
120
101A
101
122
124
116
216
204B
202
Δ1
202
201B
106
118
PUMP
210D
117A
119
CONTROLLER
118
PUMP

FIG. 2B

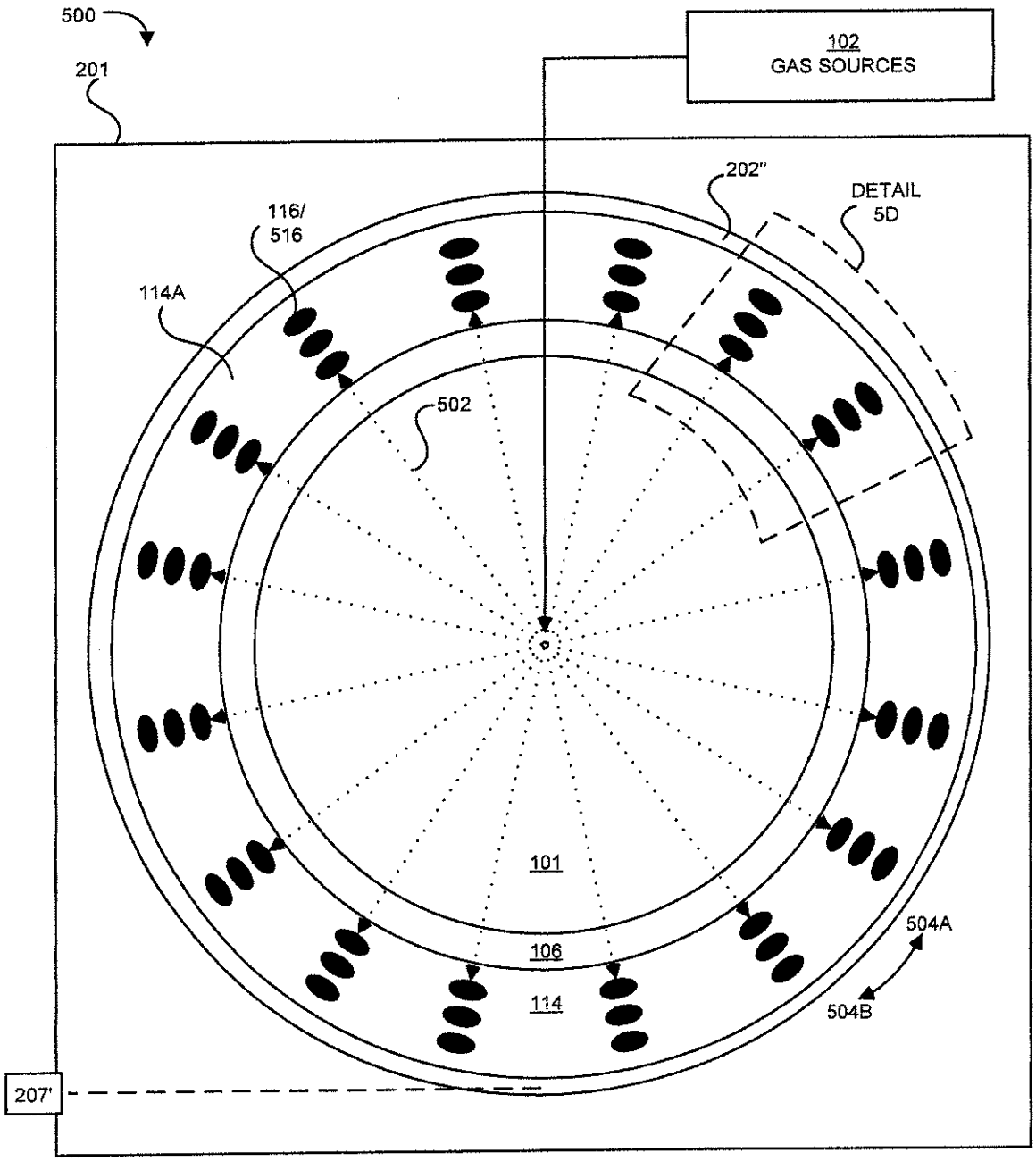
500
201
102
GAS SOURCES
202"
DETAIL
5D
116/
516
114A
502
101
106
114
504A
504B
207'

FIG. 5B

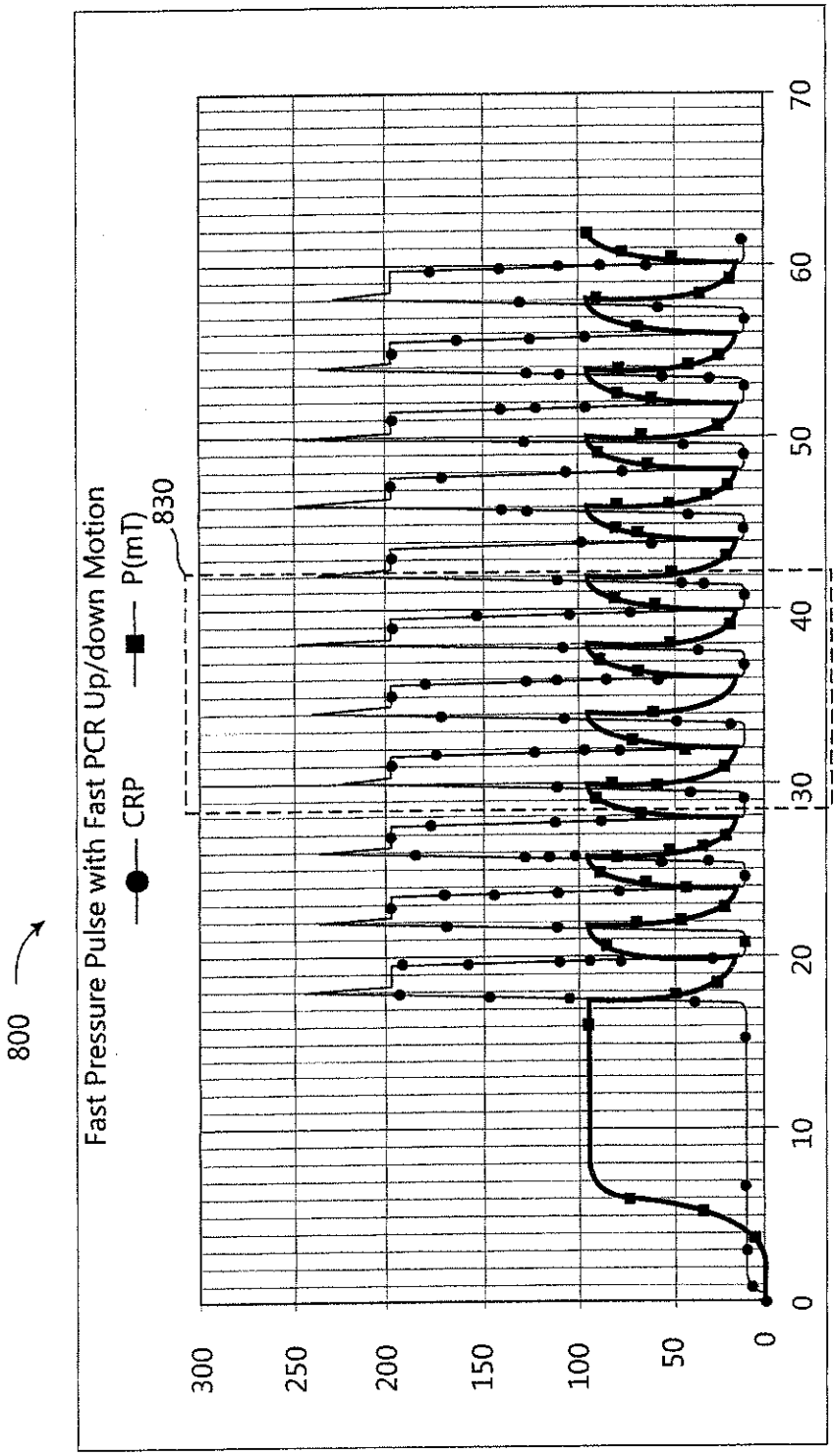
800
Fast Pressure Pulse with Fast PCR Up/down Motion
CRP
P(mT)
830
300
250
200
150
100
50
0
0
10
20
30
40
50
60
70

FIG. 8A

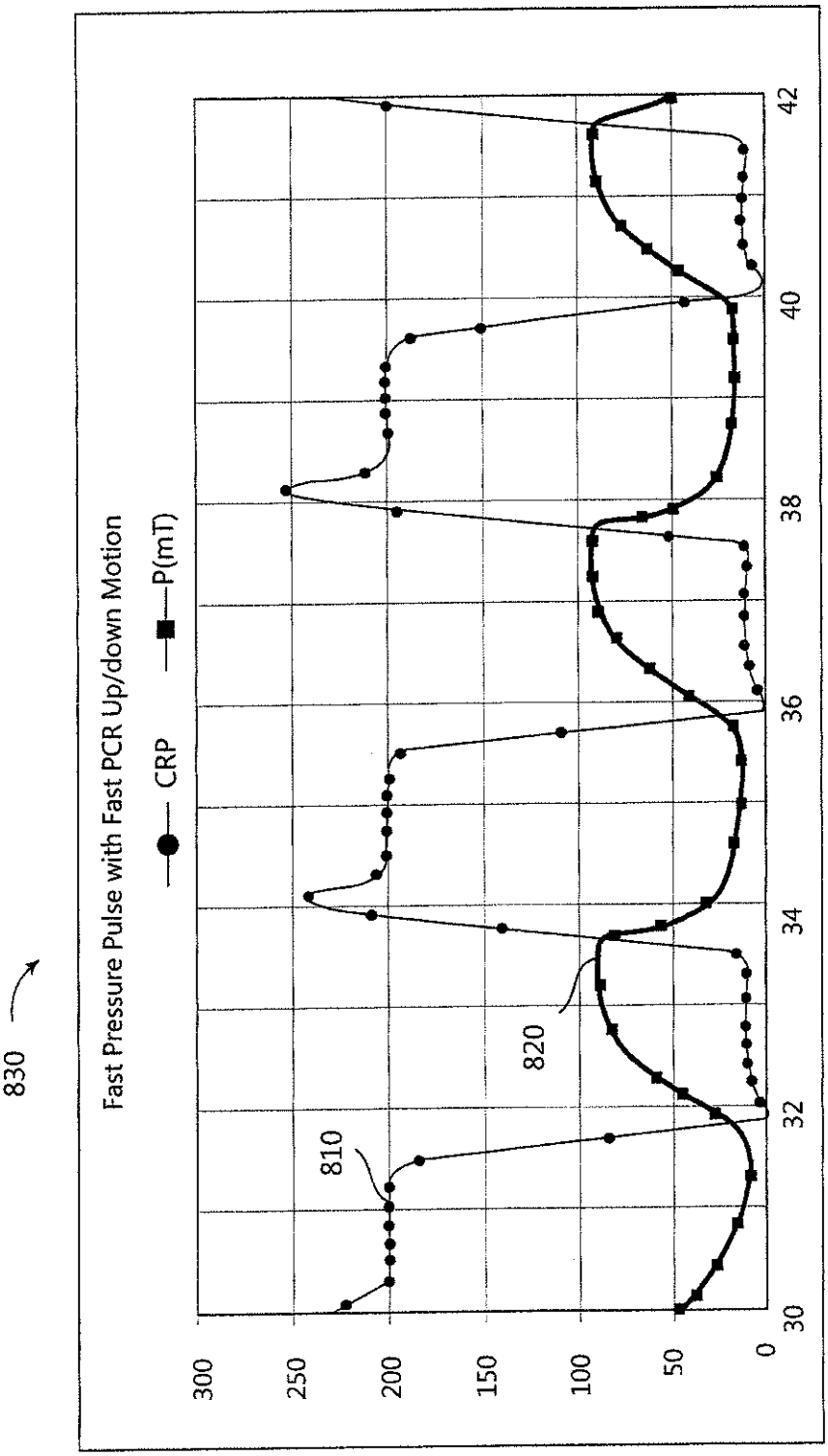
830
Fast Pressure Pulse with Fast PCR Up/down Motion
CRP
P(mT)
810
820
300
250
200
150
100
50
0
30
32
34
36
38
40
42

FIG. 8B

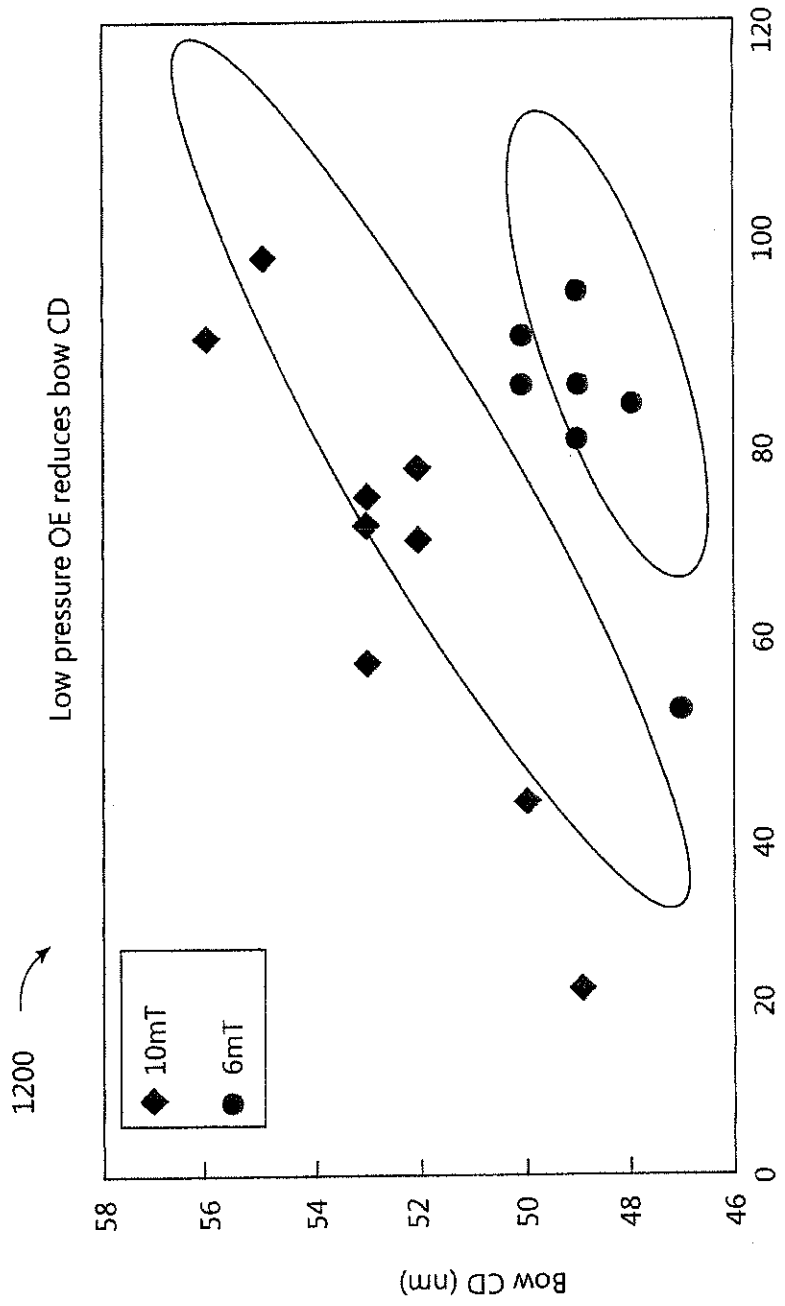
1200
Low pressure OE reduces bow CD
10mT
6mT
Bow CD (nm)
58
56
54
52
50
48
46
0
20
40
60
80
100
120
Dimple Observed (%)

FIG. 12A

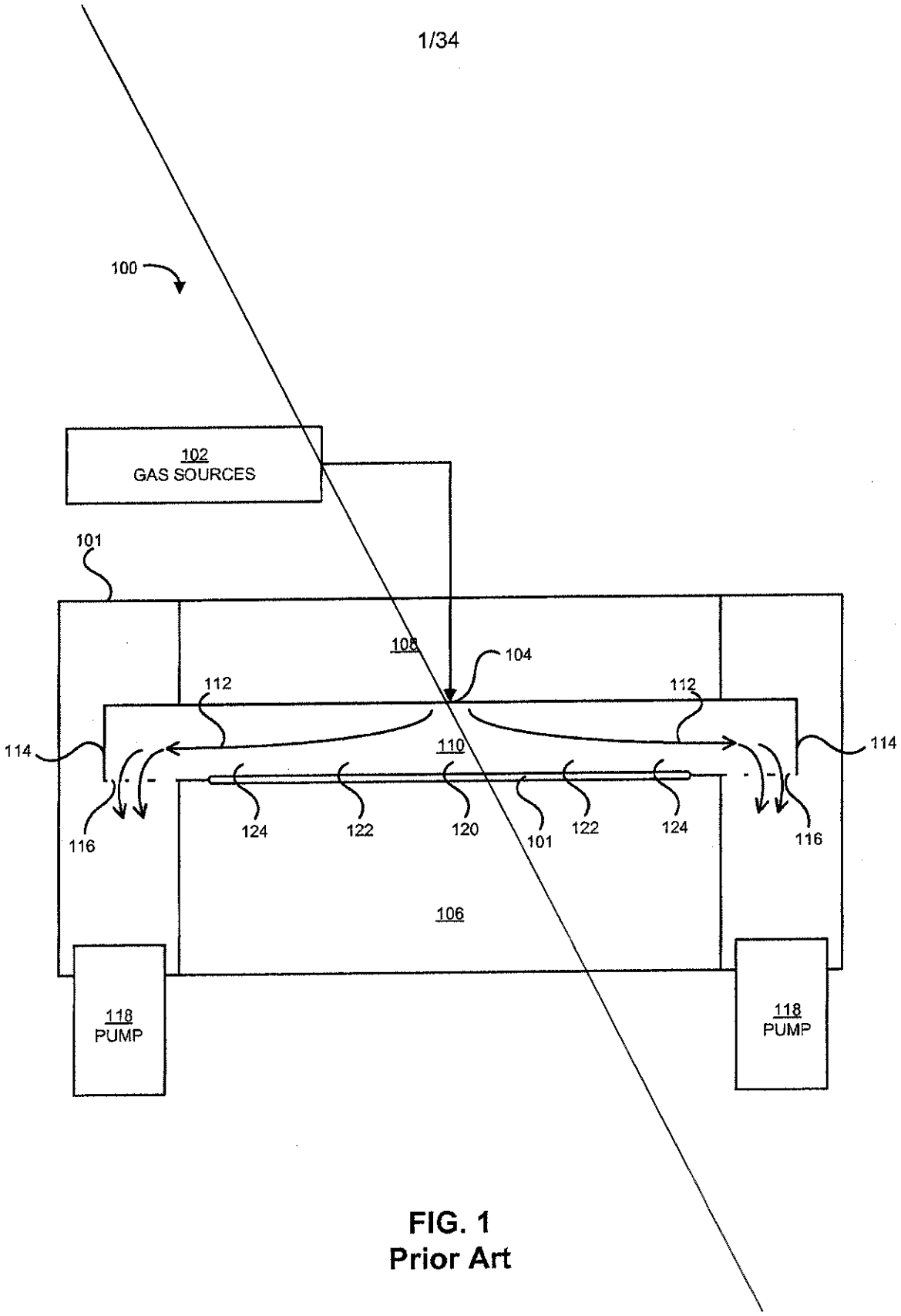

FIG. 1
Prior Art

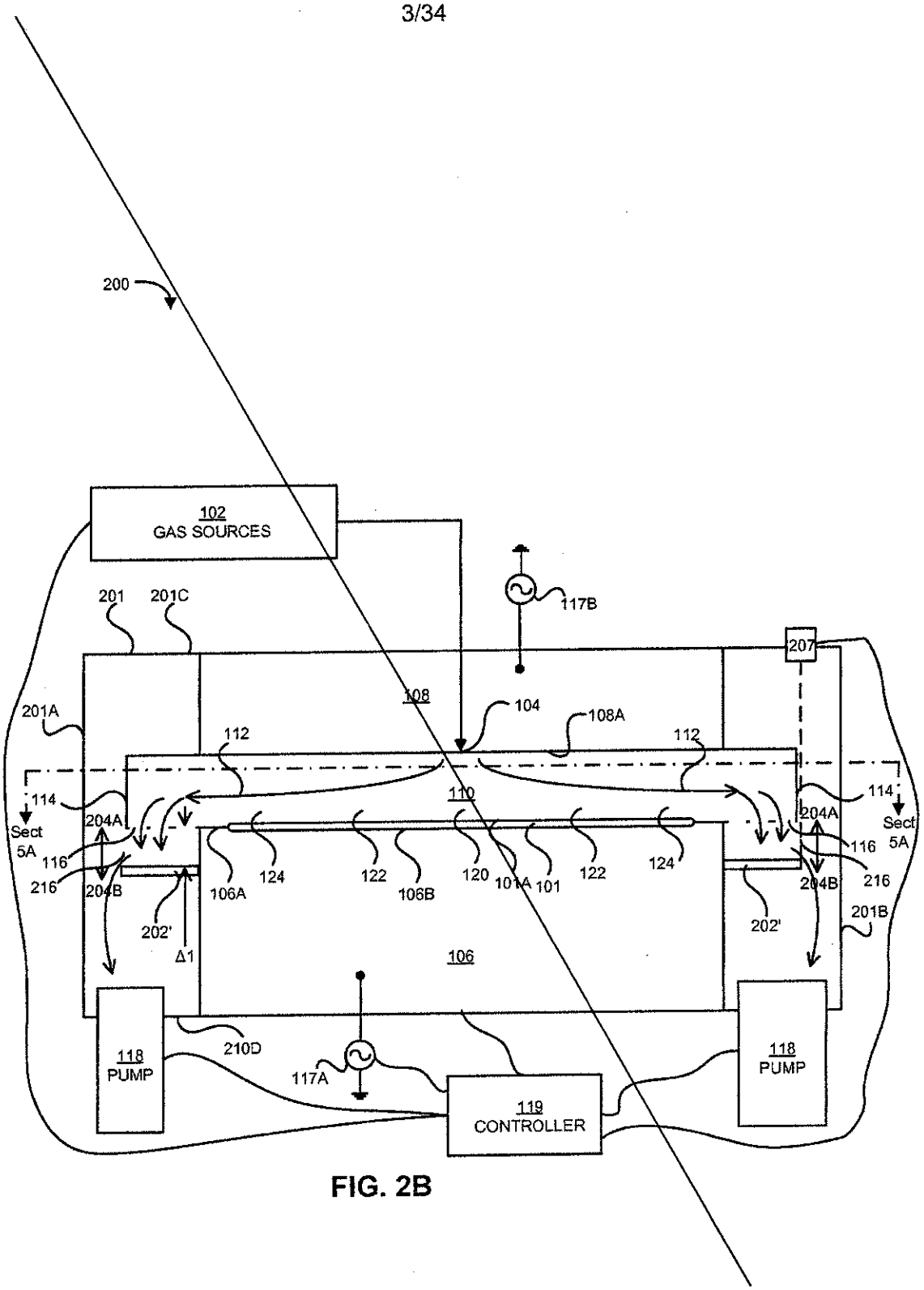
200
102
GAS SOURCES
117B
201
201C
207
201A
108
104
108A
112
112
110
114
114
Sect
5A
204A
204A
Sect
5A
116
216
204B
106A
124
122
108B
120
101A
101
122
124
204B
116
216
202'
202'
201B
Δ1
106
118
PUMP
210D
117A
119
CONTROLLER
118
PUMP

FIG. 2B

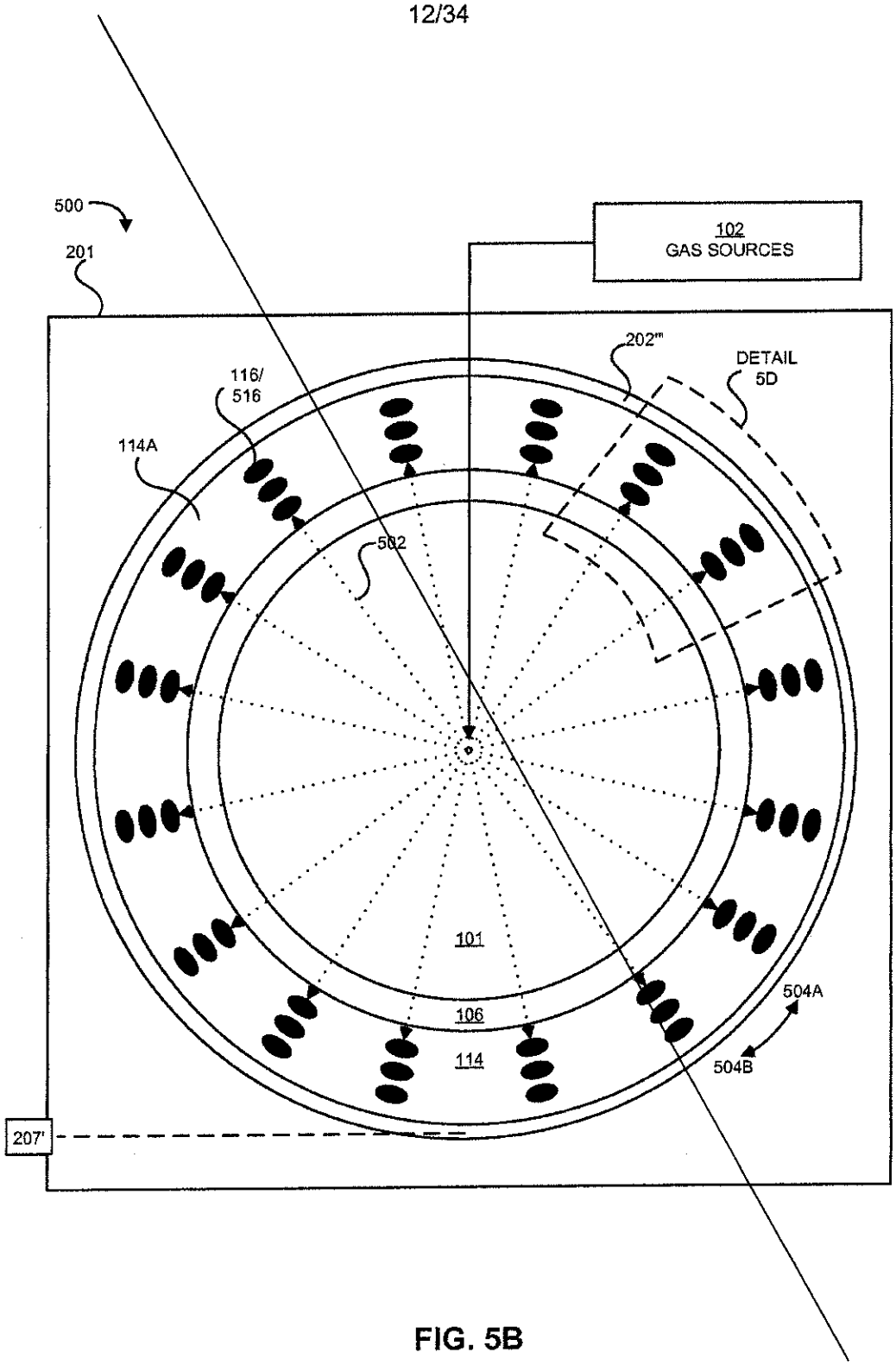
500
201
102
GAS SOURCES
202'''
DETAIL
5D
116/
516
114A
502
101
106
114
504A
504B
207'

FIG. 5B

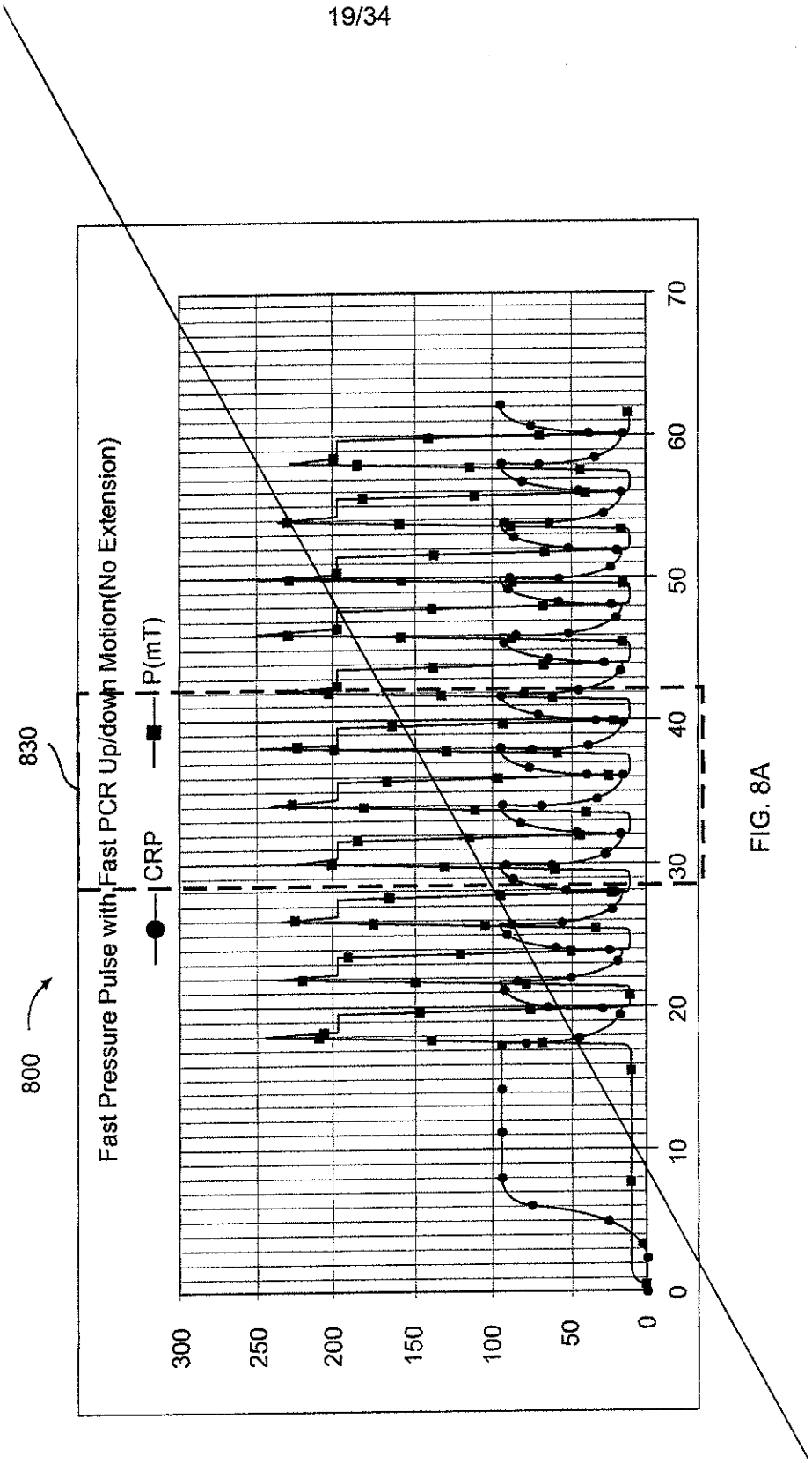
800
830
Fast Pressure Pulse with Fast PCR Up/down Motion(No Extension)
CRP
P(mT)
300
250
200
150
100
50
0
0
10
20
30
40
50
60
70

FIG. 8A

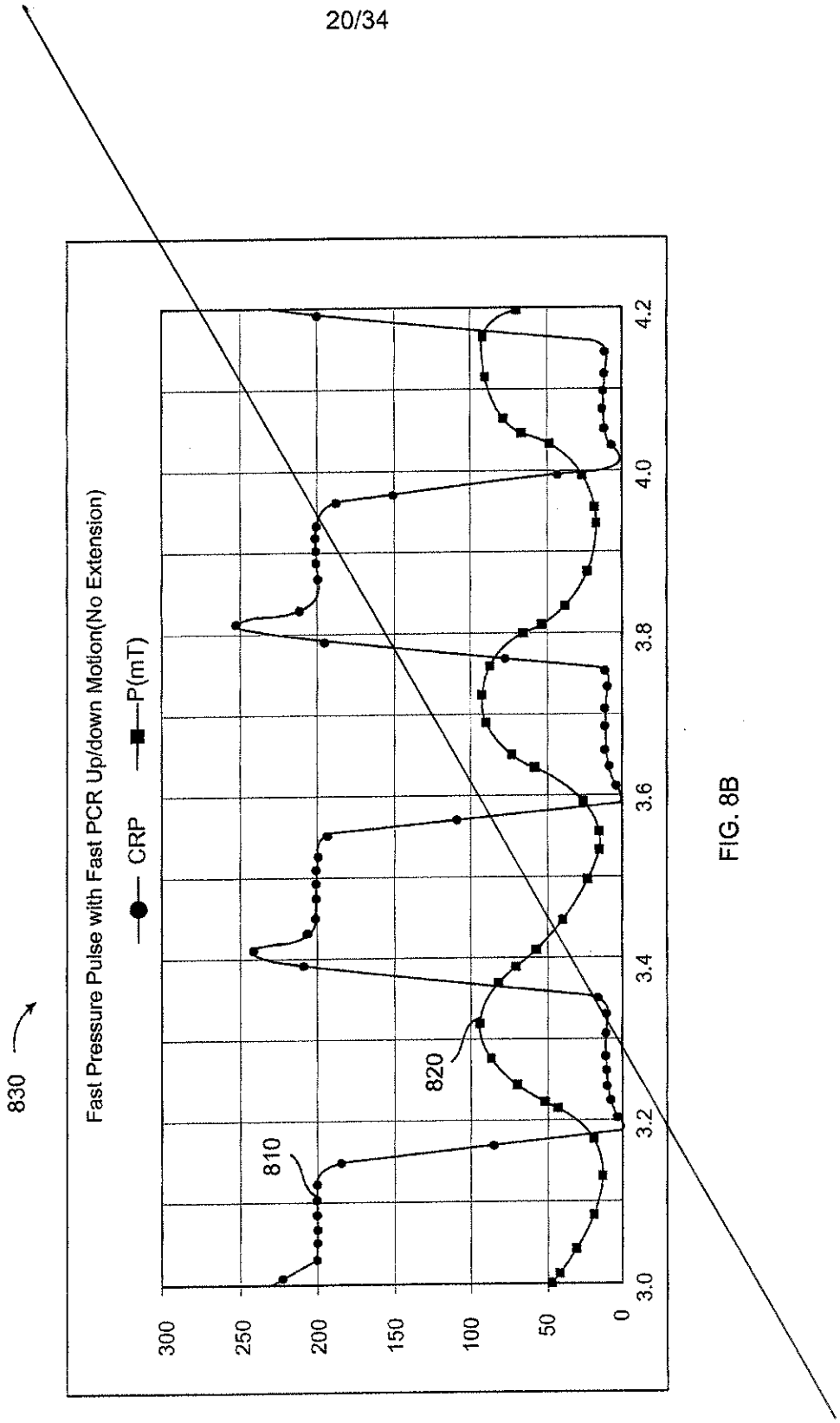
830
Fast Pressure Pulse with Fast PCR Up/down Motion(No Extension)
CRP
P(mT)
810
820
300
250
200
150
100
50
0
3.0
3.2
3.4
3.6
3.8
4.0
4.2

FIG. 8B

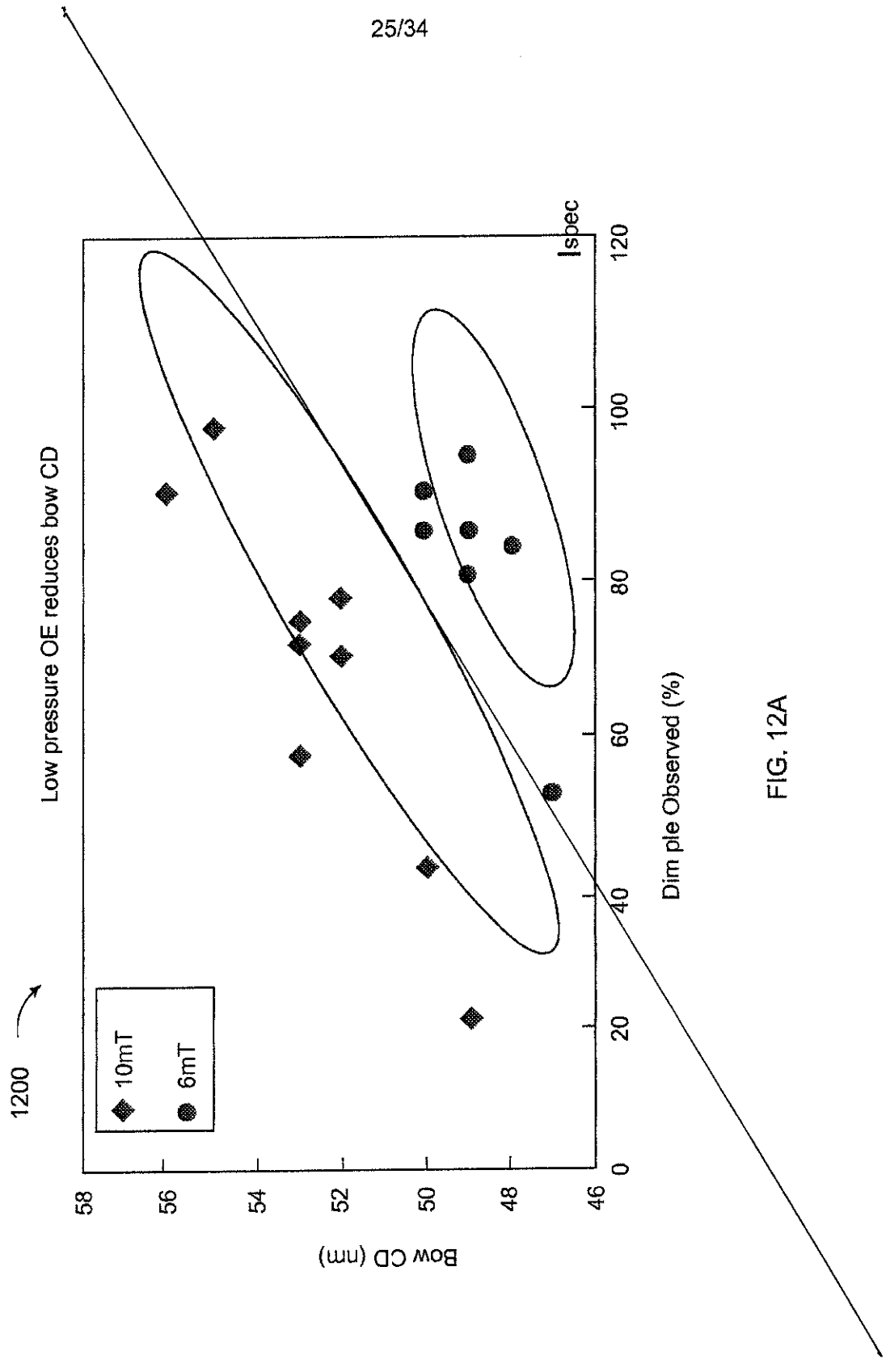
1200
Low pressure OE reduces bow CD
10mT
6mT
Bow CD (nm)
58
56
54
52
50
48
46
0
20
40
60
80
100
120
Ispec
Dim ple Observed (%)

FIG. 12A