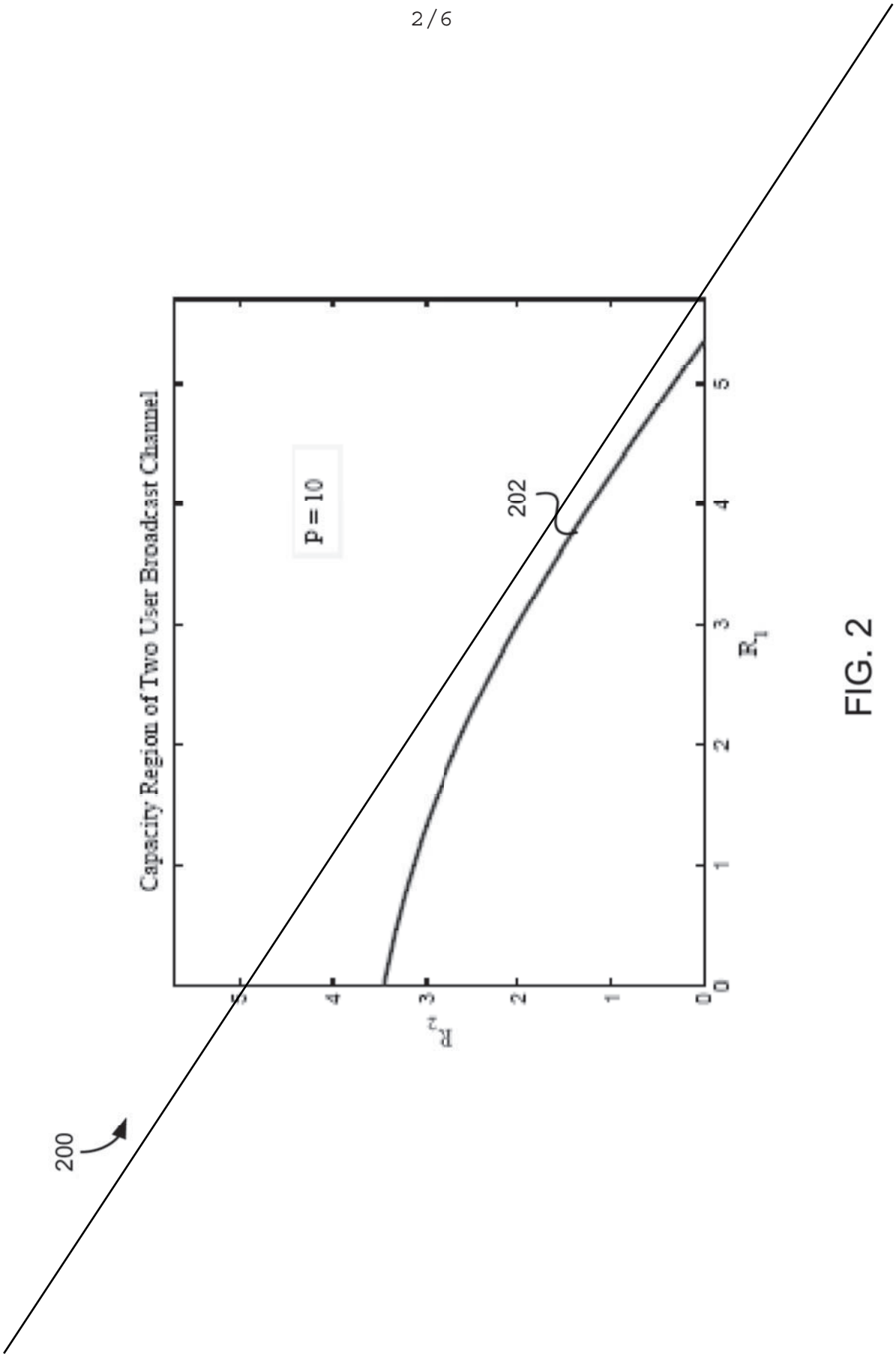

200
Capacity Region of Two User Broadcast Channel
P = 10
202
R_2
R_1
0
1
2
3
4
5

FIG. 2

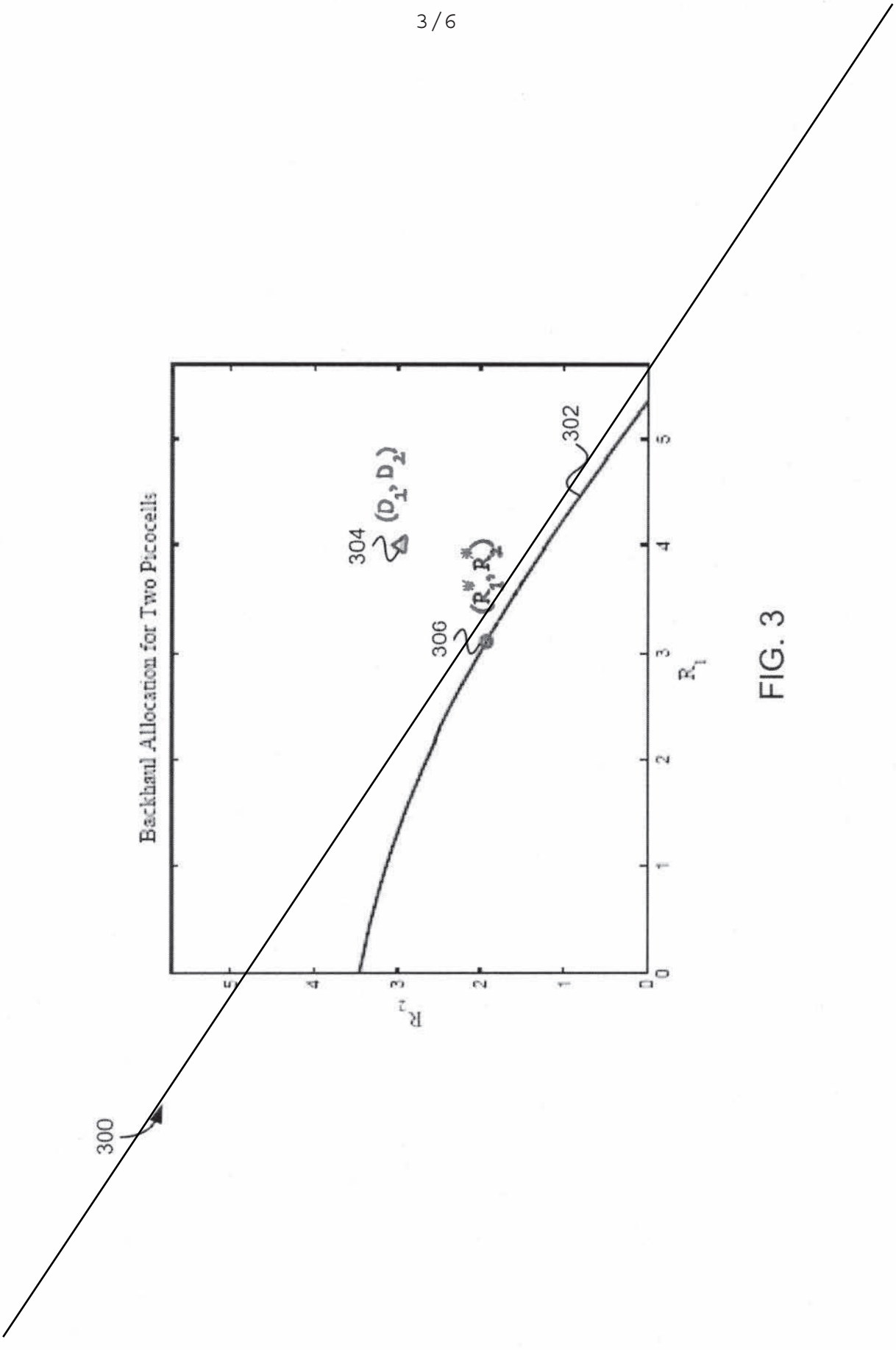

300
Backhaul Allocation for Two Picocells
304
(D_1, D_2)
306
(R_1^*, R_2^*)
302
R_2
R_1
0
1
2
3
4
5

FIG. 3

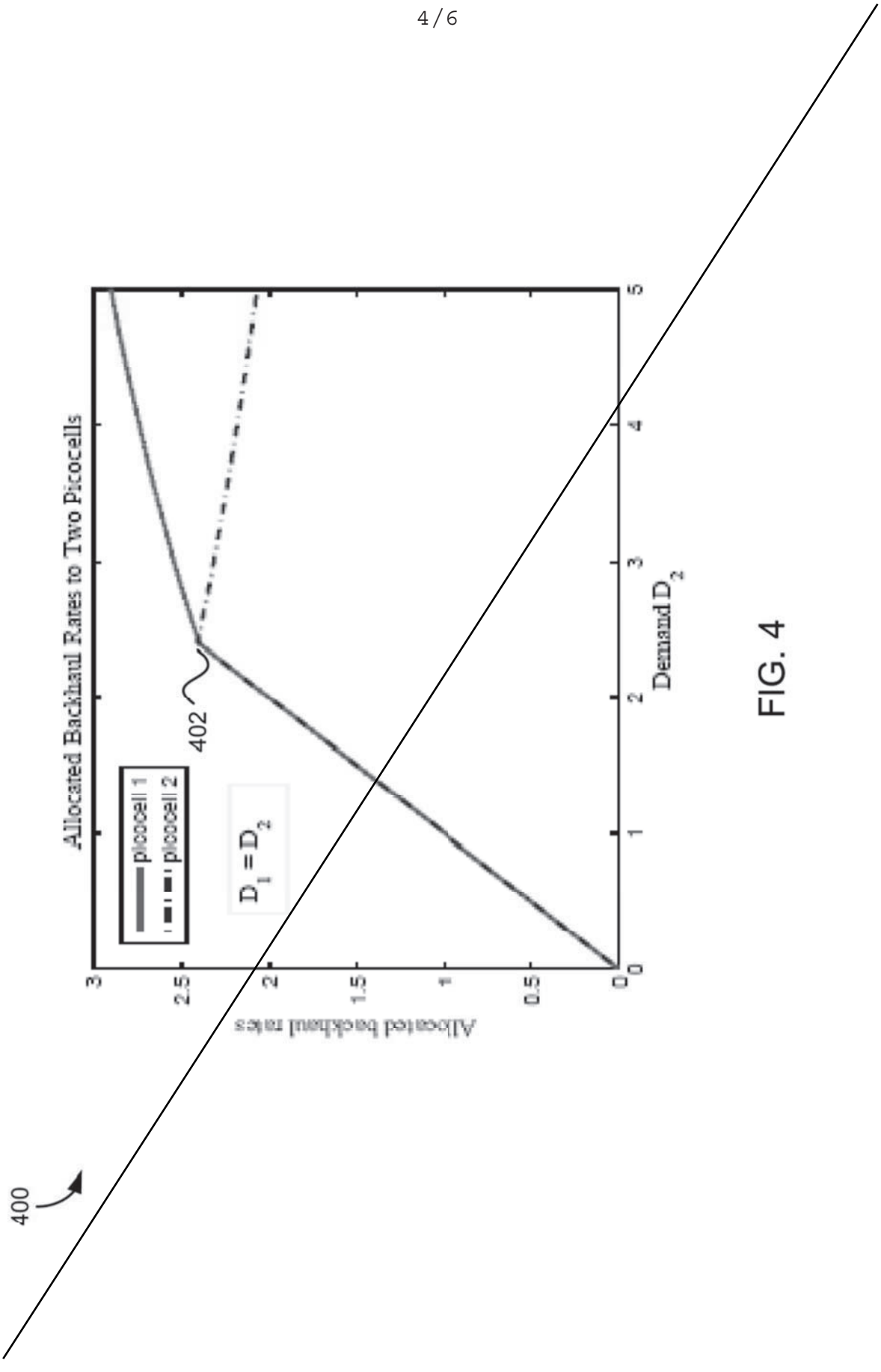

400
Allocated Backhaul Rates to Two Picocells
Allocated backhaul rates
Demand D_2
picocell 1
picocell 2
$D_1 = D_2$
402
0
0.5
1
1.5
2
2.5
3
0
1
2
3
4
5

FIG. 4

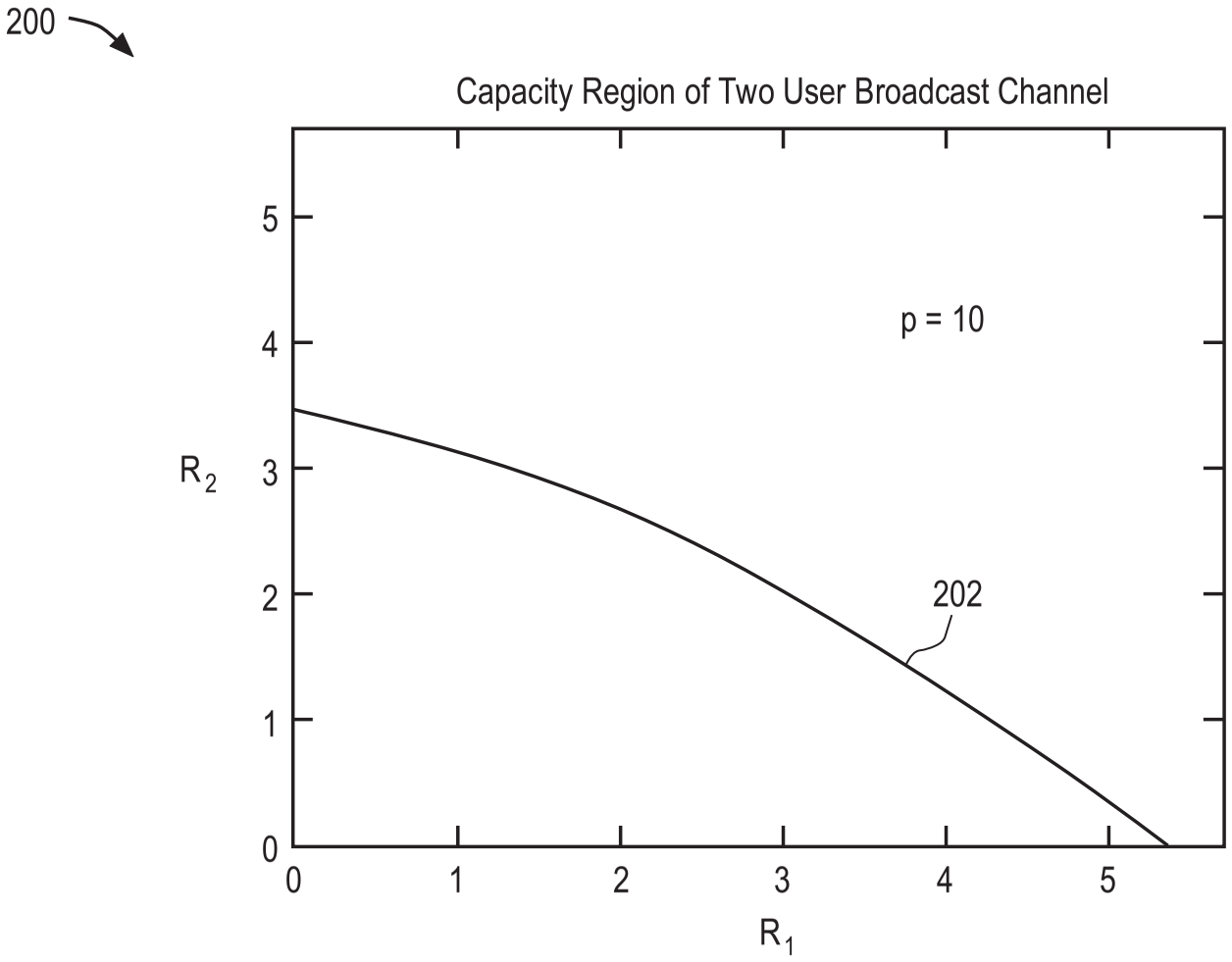

200
Capacity Region of Two User Broadcast Channel
p = 10
202
R_2
R_1
0
1
2
3
4
5

FIG. 2

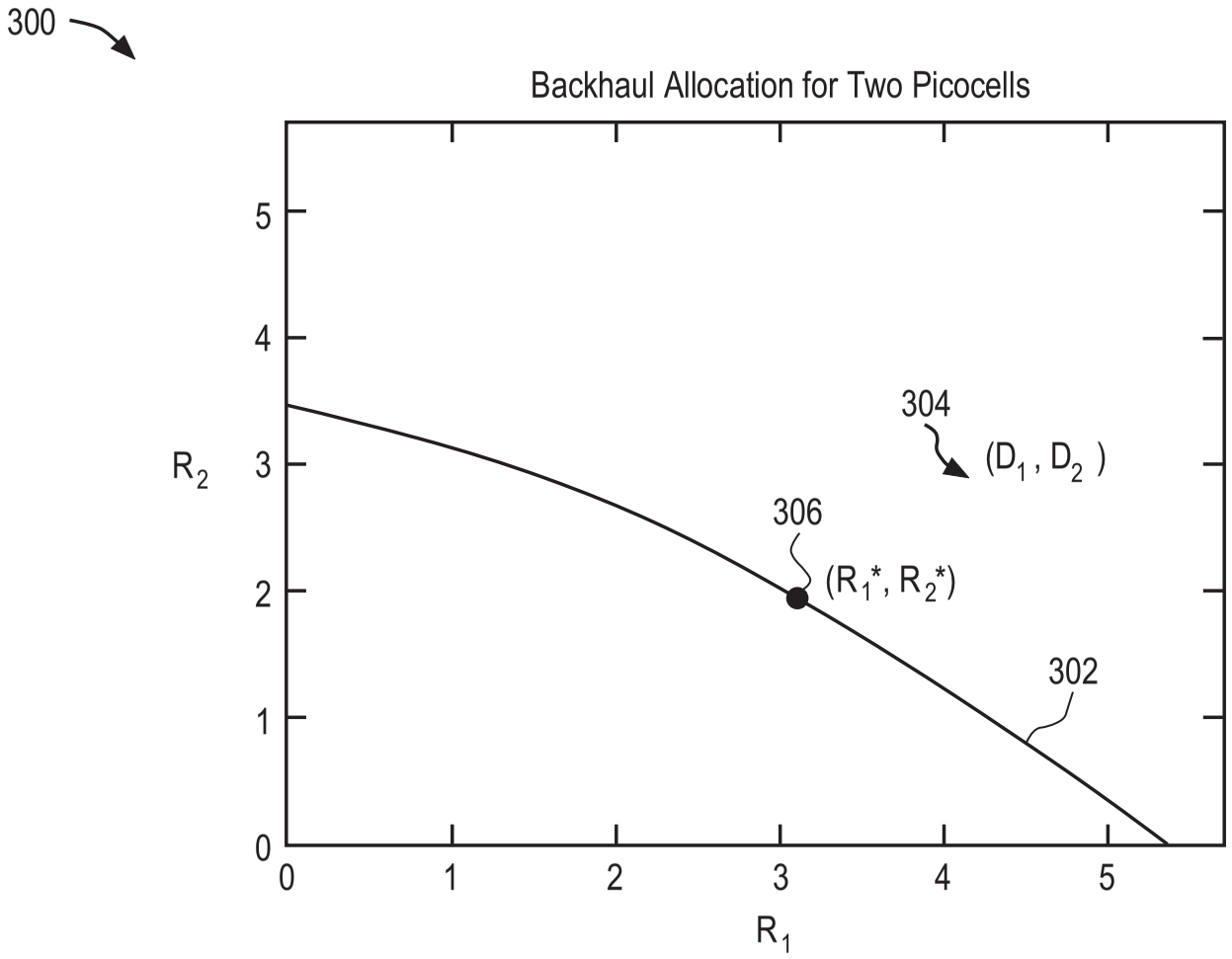

300
Backhaul Allocation for Two Picocells
R_2
R_1
0
1
2
3
4
5
304
(D_1, D_2)
306
(R_1^*, R_2^*)
302

FIG. 3

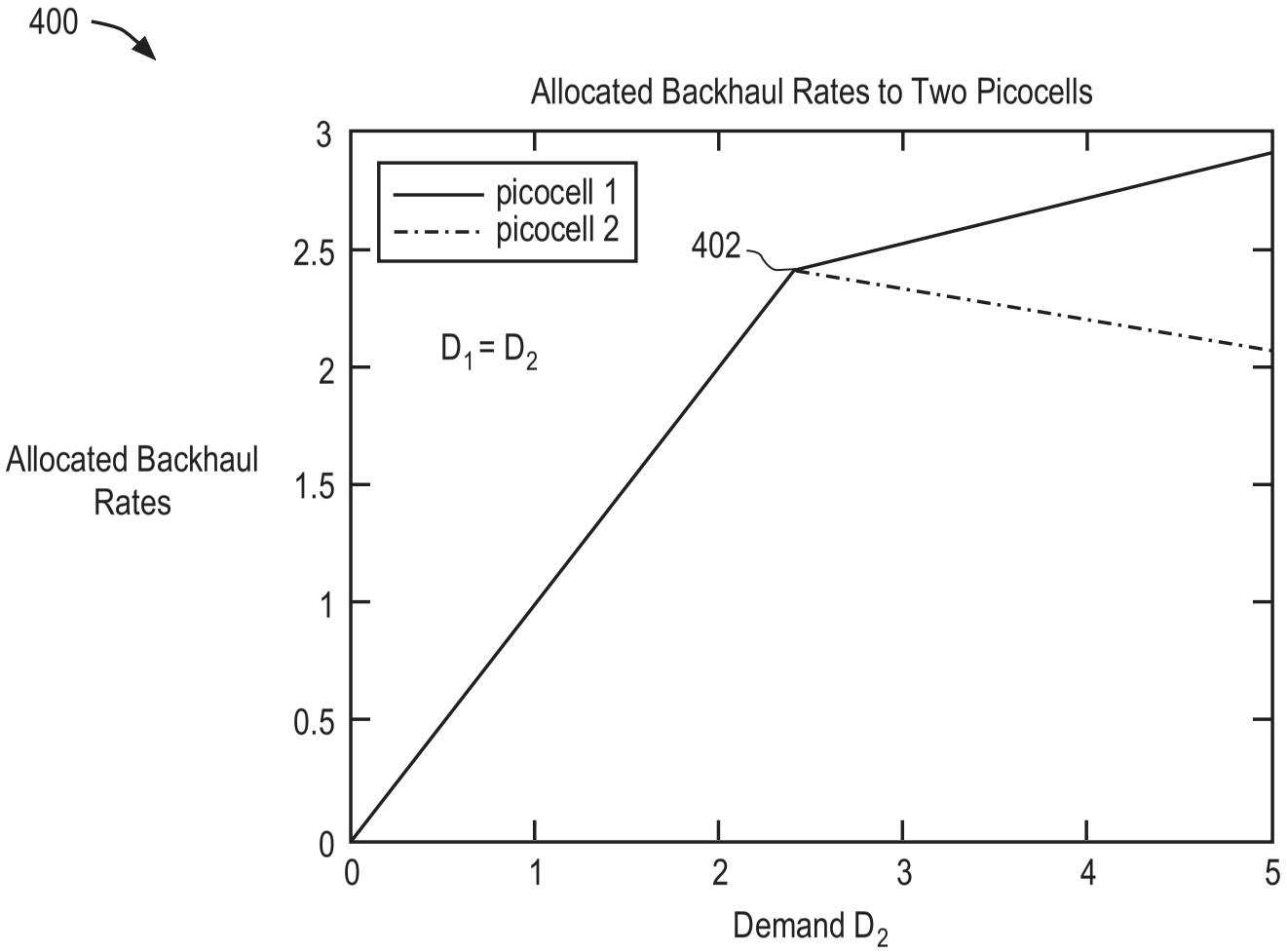

400
Allocated Backhaul Rates to Two Picocells
picocell 1
picocell 2
402
$D_1 = D_2$
Allocated Backhaul Rates
Demand D_2
0
0.5
1
1.5
2
2.5
3
0
1
2
3
4
5

FIG. 4