```
100%|                              | 10/10 [21:47<00:00, 130.80s/it]
Initial separations: 461466.4179670947
Final separations: [   2200.            457229.50012594  918904.59644391 1379500
.98102774
 1838478.99543806  462208.21519059  923873.09676953 1384453.72970101
  462206.72288136  923870.39883255  462205.51252872]
Magnitude of desired separation change: 46155.77151617433
Separation changes: [ 733.45357238 1472.94772086 2210.5555165   2946.35938138
 740.04073679
 1478.74132164 2216.18350473  739.25229   1477.79674699  739.09456163]
```