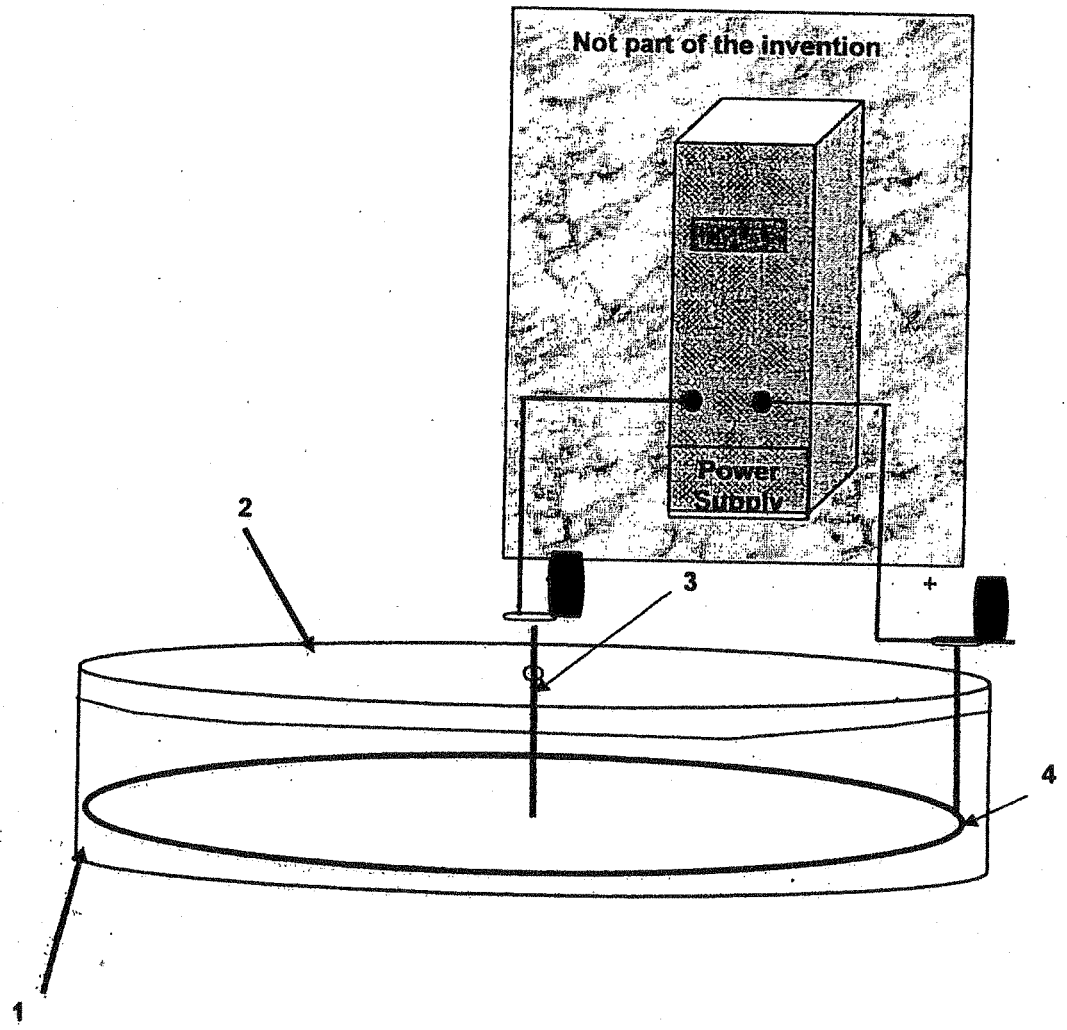


Figure 1

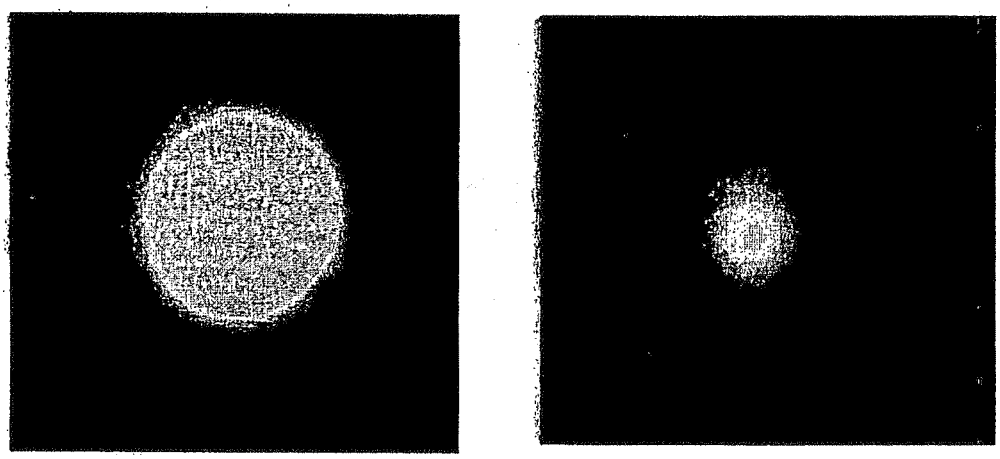


Figure 2

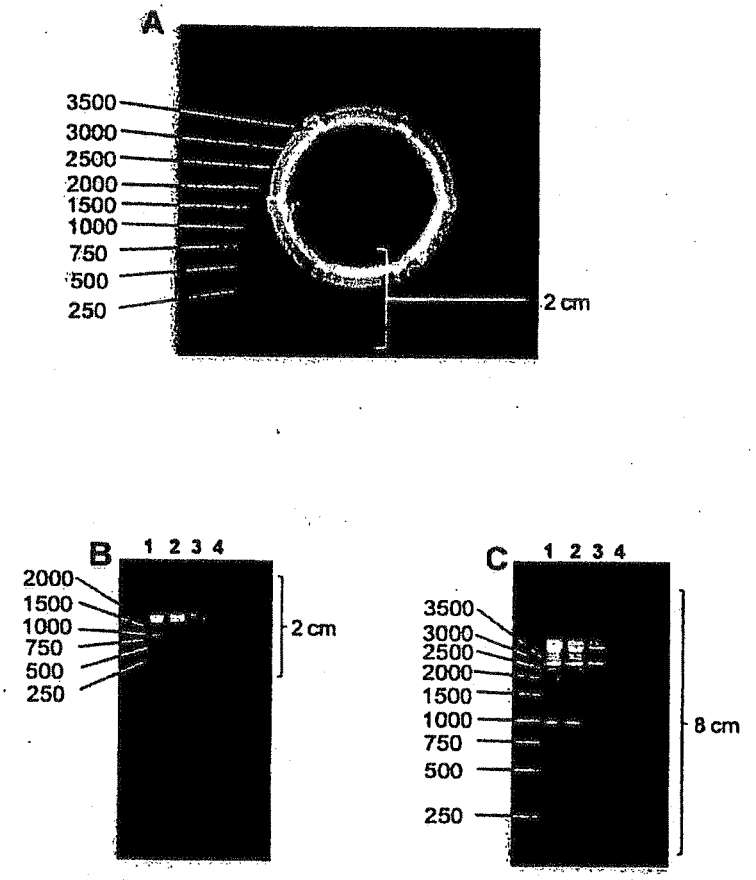


Figure 3: DNA gel electrophoresis in 1% agarose, showing bands of different sizes (base pair) (A) 2µg of DNA loaded into the well and run at 10mA/10V (constant current) for 1 hour in the circular electrophoretic chamber. Distance travelled by DNA was 2cm; (B) Lanes 1, 2, 3, 4 containing 2,1,0.5,0.3 µg of DNA respectively were run for 2cm at 120V/55mA (constant voltage) in the horizontal gel apparatus; (C) lanes 1, 2, 3, 4 containing 2, 1, 0.5, 0.3 µg of DNA respectively were run for 8cm at 120V/55mA (constant voltage) in the horizontal gel apparatus.

Figure 3

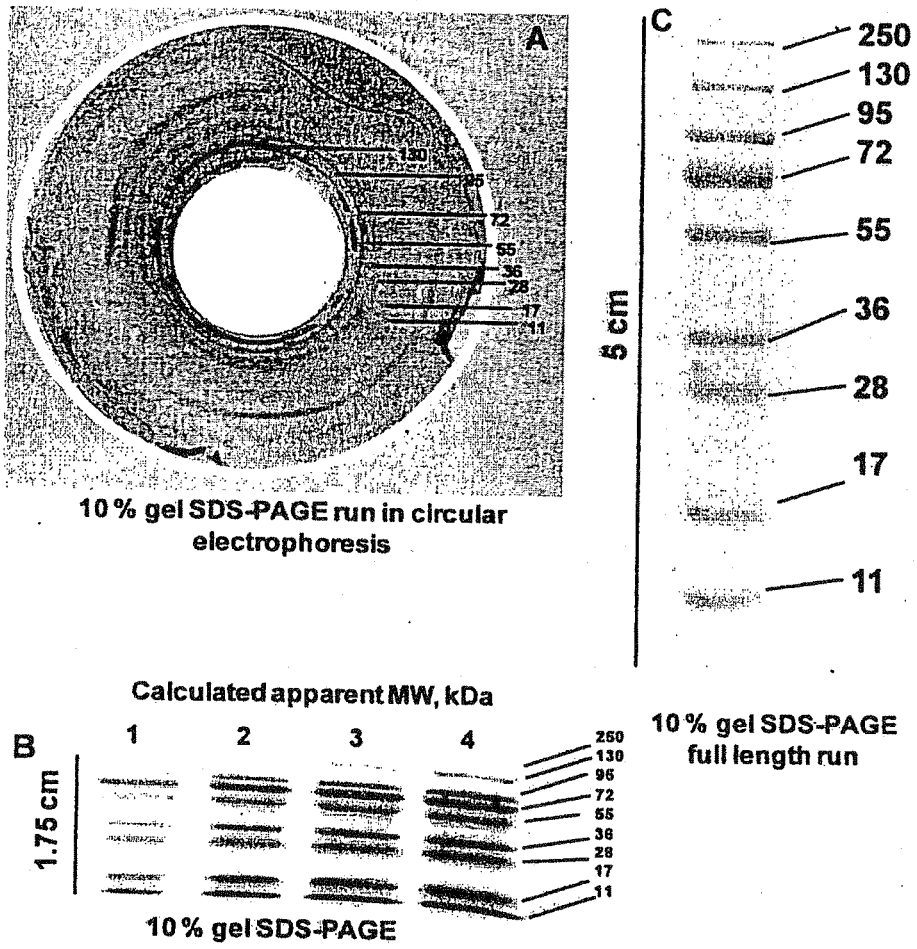

A
130
95
72
55
36
28
17
11
10 % gel SDS-PAGE run in circular electrophoresis
C
250
130
95
72
55
36
28
17
11
5 cm
10 % gel SDS-PAGE full length run
Calculated apparent MW, kDa
B
1
2
3
4
1.75 cm
250
130
95
72
55
36
28
17
11
10 % gel SDS-PAGE

Figure 4