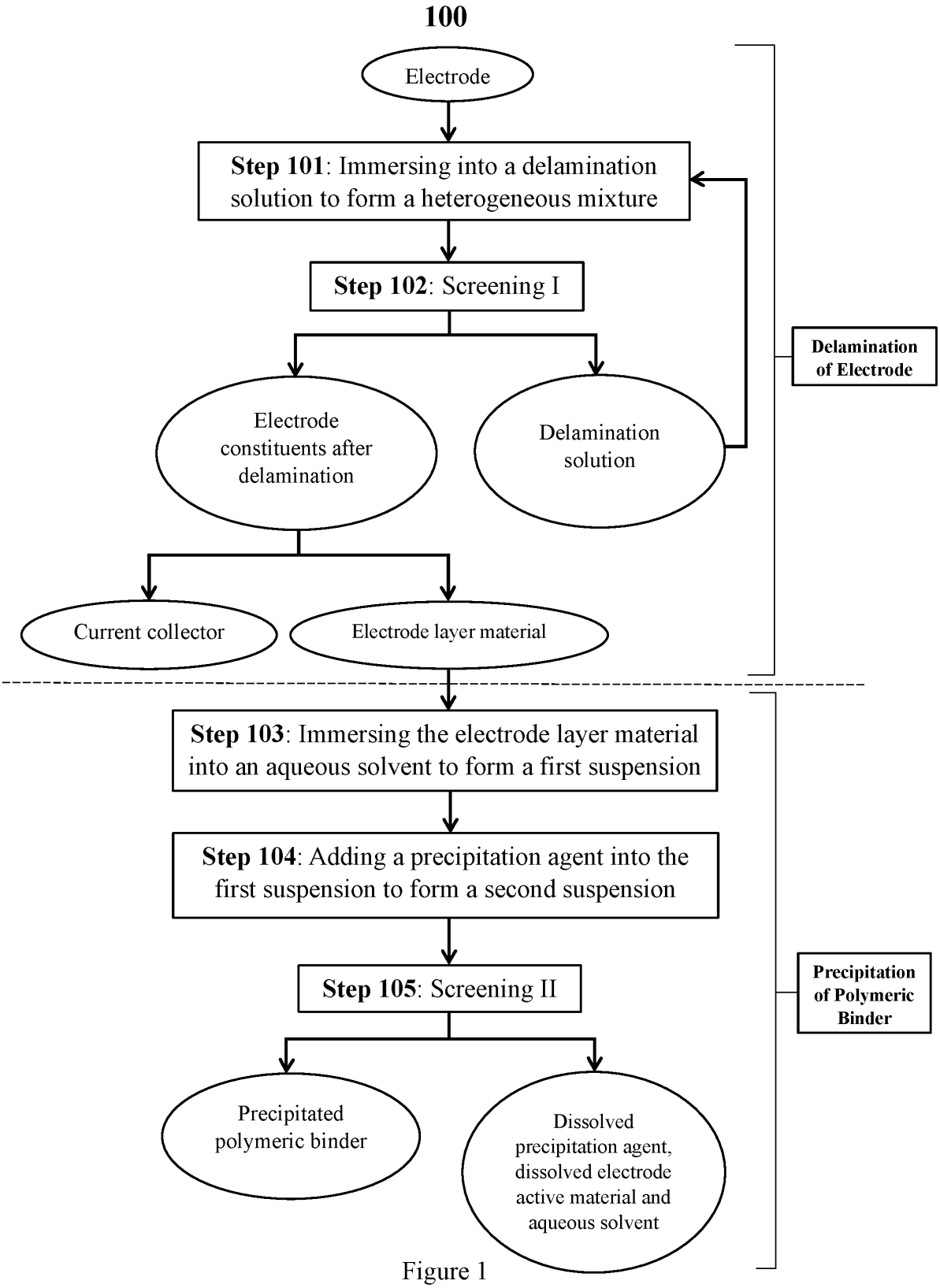

100
Electrode
Step 101: Immersing into a delamination solution to form a heterogeneous mixture
Step 102: Screening I
Electrode constituents after delamination
Delamination solution
Current collector
Electrode layer material
Delamination of Electrode
Step 103: Immersing the electrode layer material into an aqueous solvent to form a first suspension
Step 104: Adding a precipitation agent into the first suspension to form a second suspension
Step 105: Screening II
Precipitated polymeric binder
Dissolved precipitation agent, dissolved electrode active material and aqueous solvent
Precipitation of Polymeric Binder

Figure 1

200



Figure 2

300

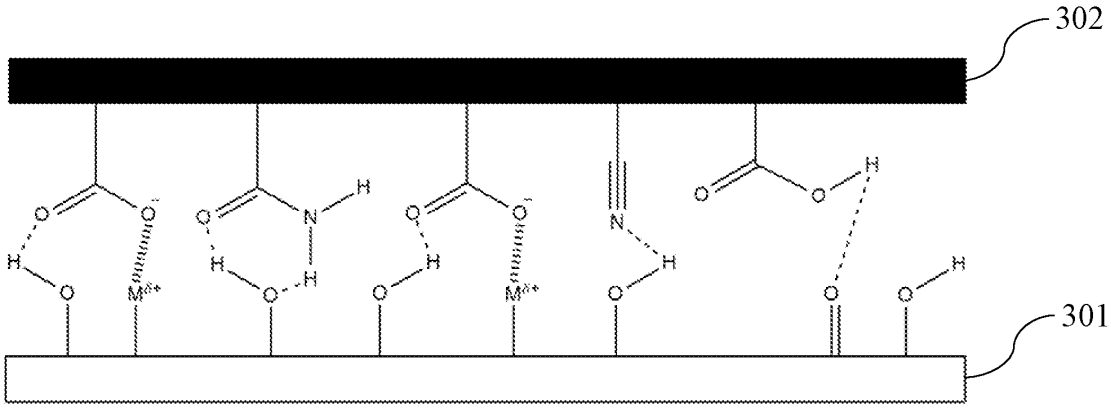


Figure 3

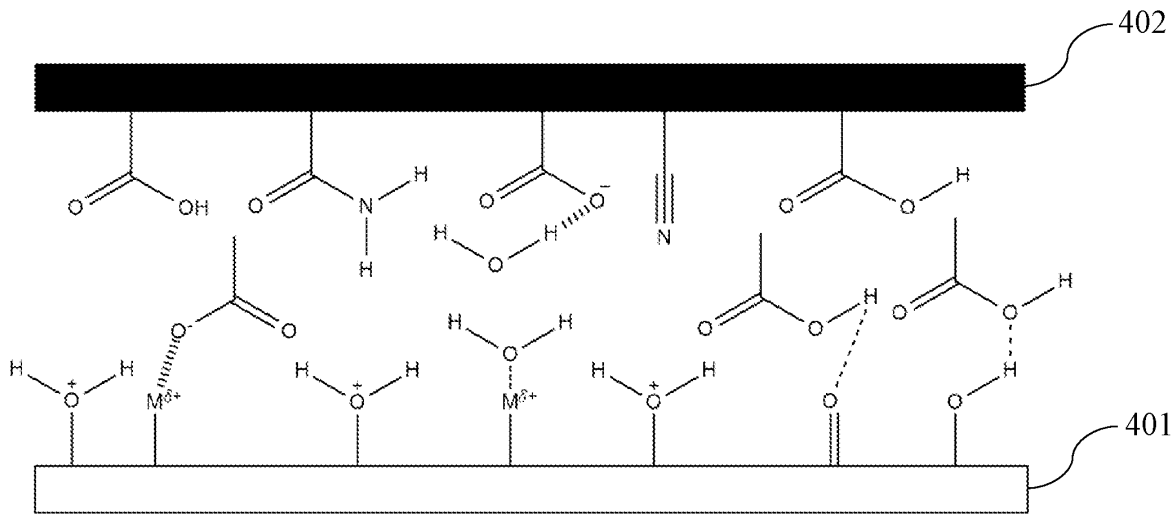


Figure 4

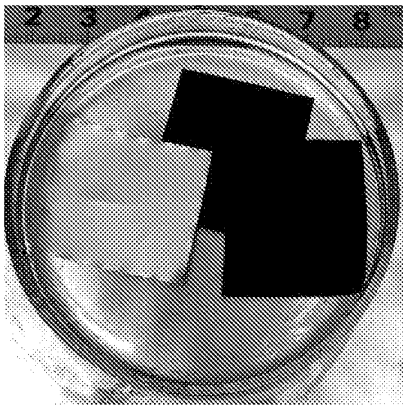


Figure 5

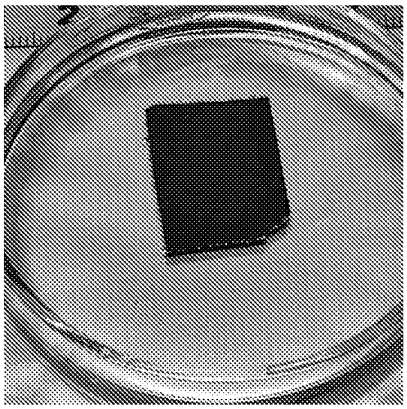


Figure 6

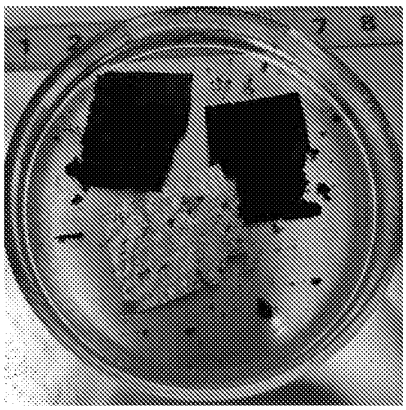
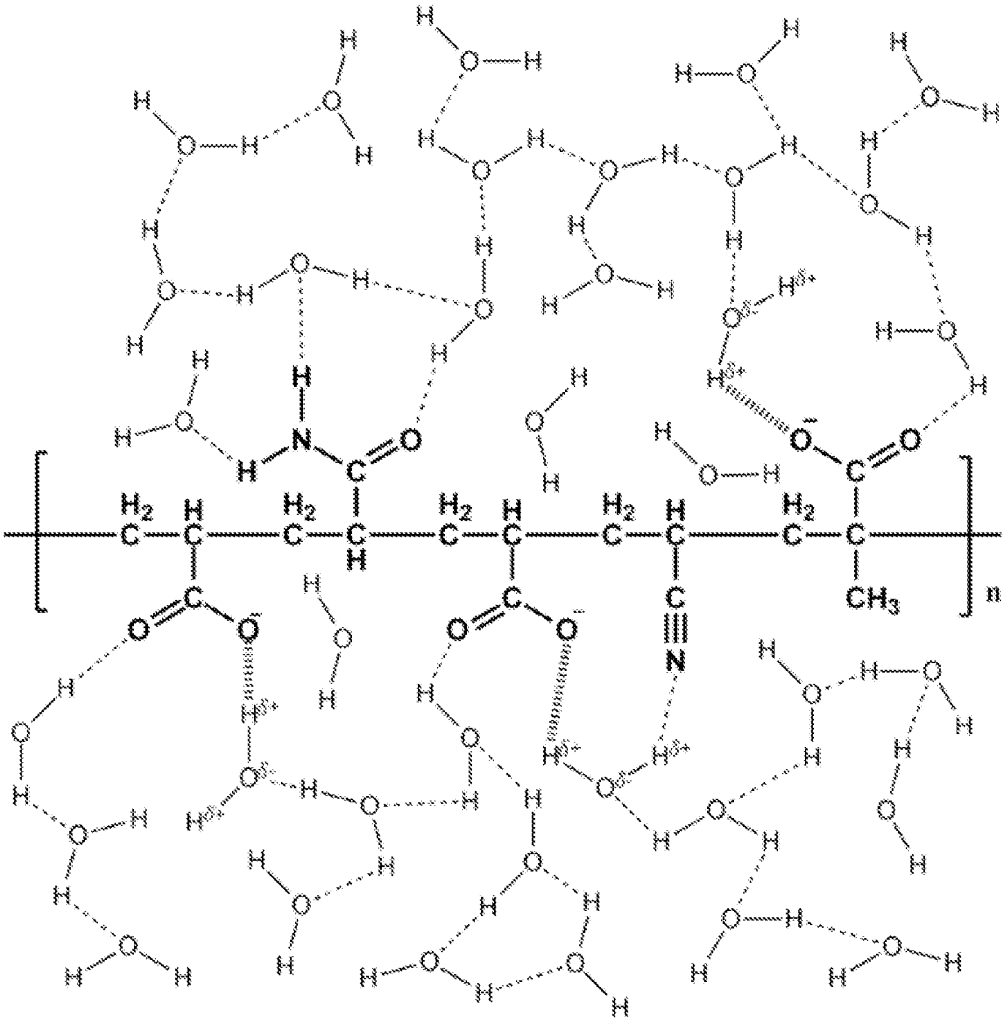


Figure 7



Figure 8



101

Figure 9

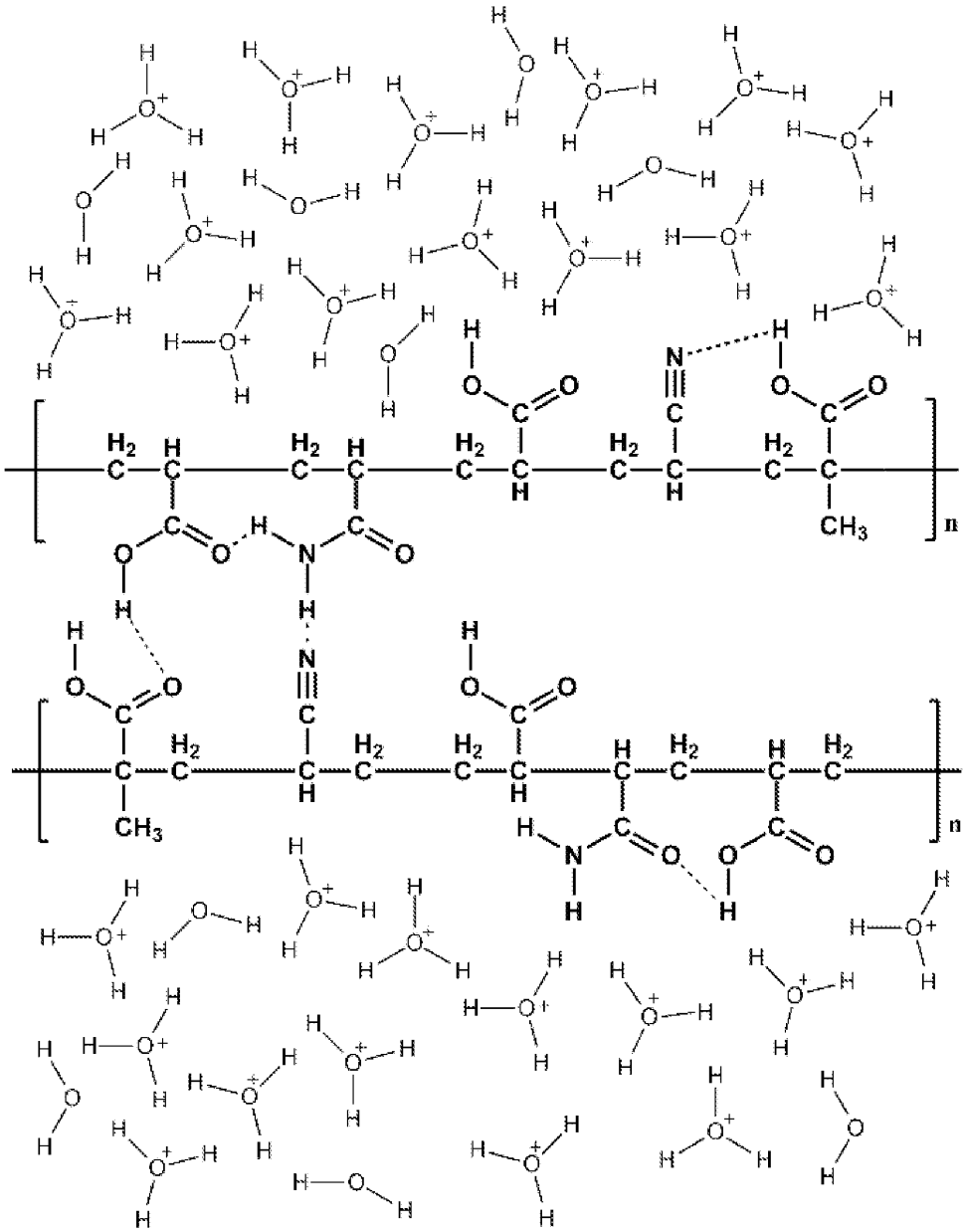
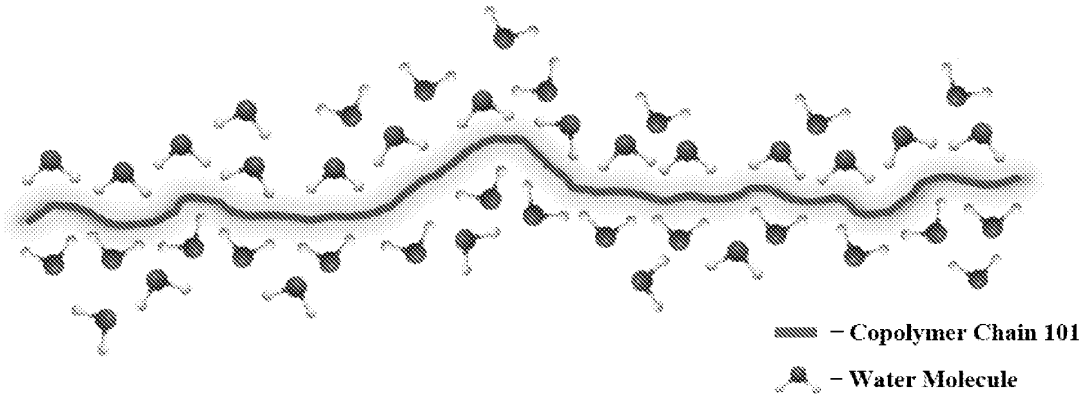
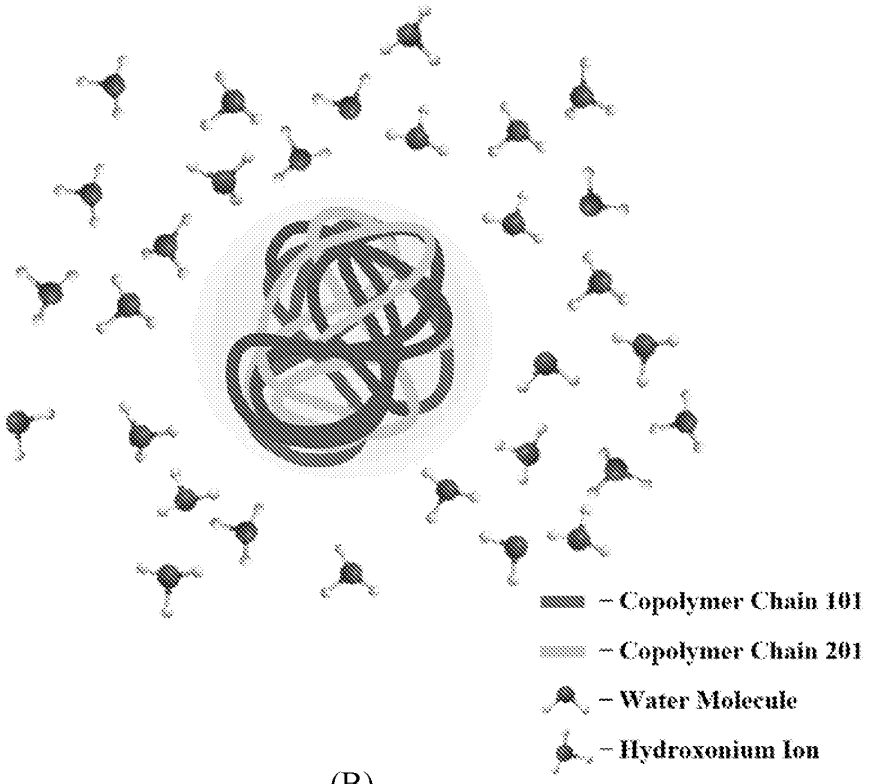


Figure 10

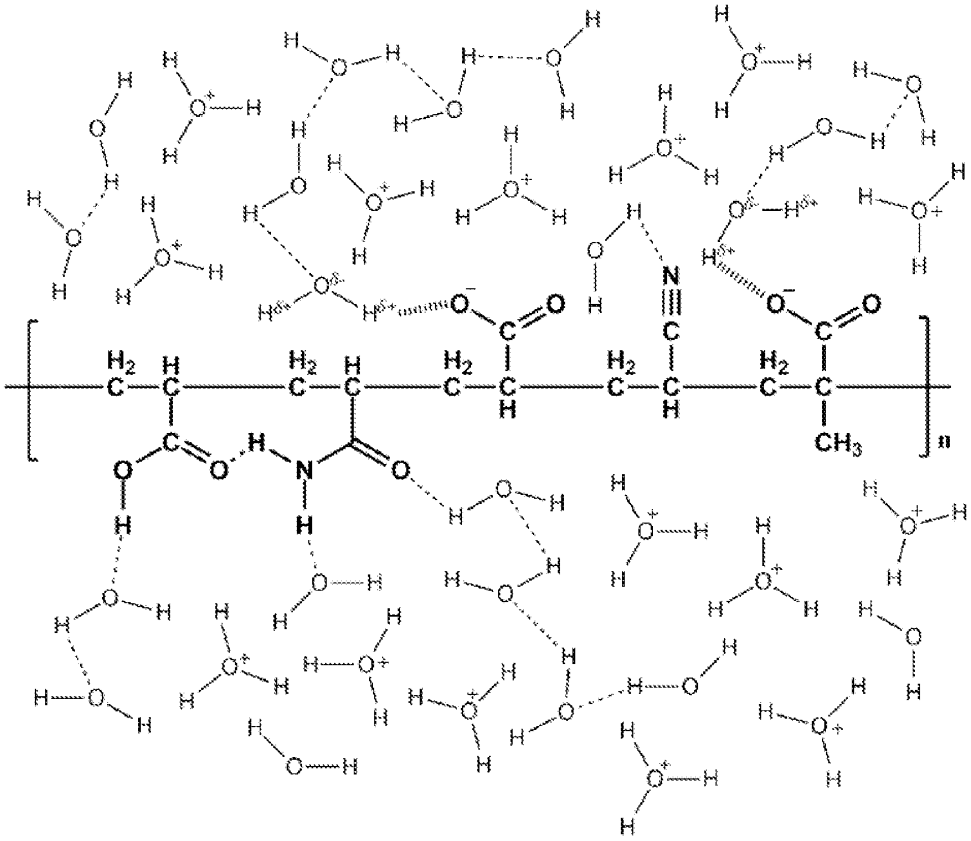

– Copolymer Chain 101
– Water Molecule

(A)


– Copolymer Chain 101
– Copolymer Chain 201
– Water Molecule
– Hydroxonium Ion

(B)

Figure 11



101

Figure 12

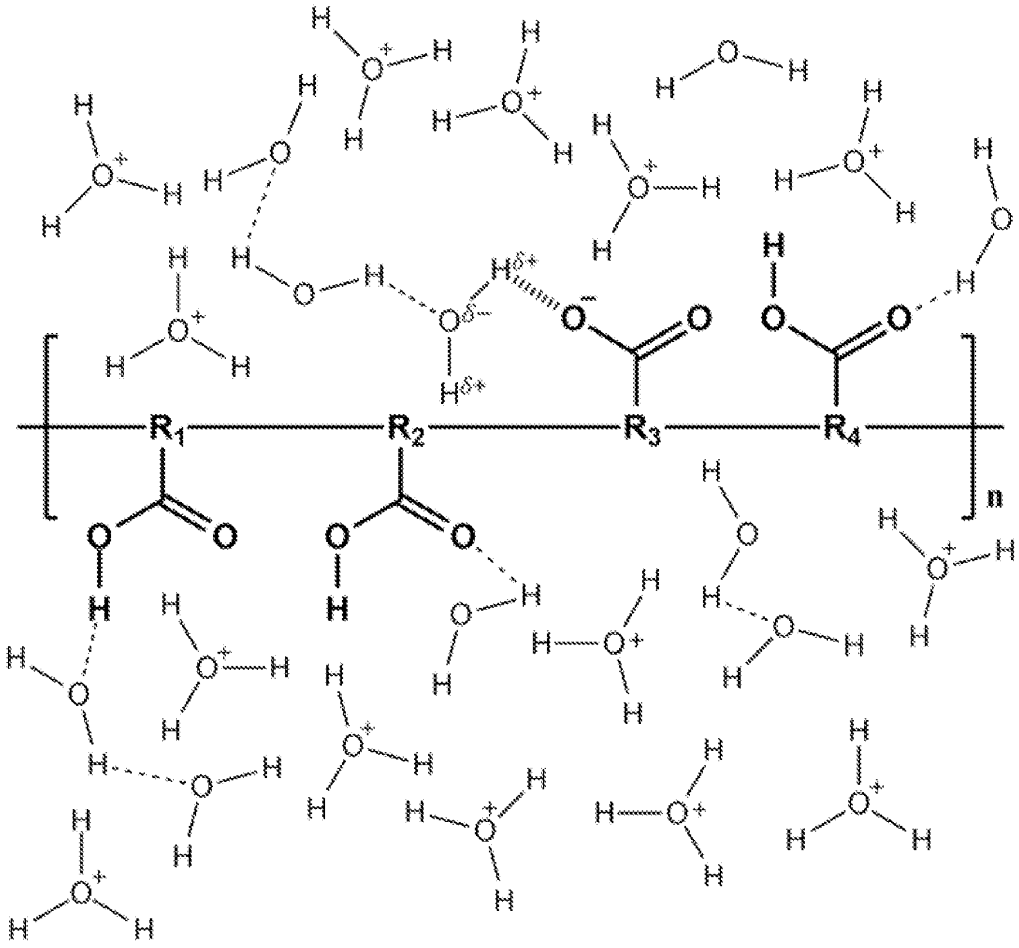
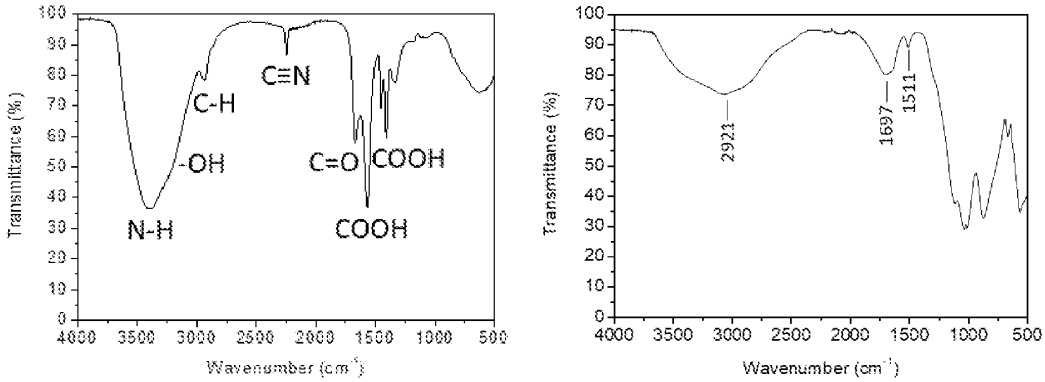
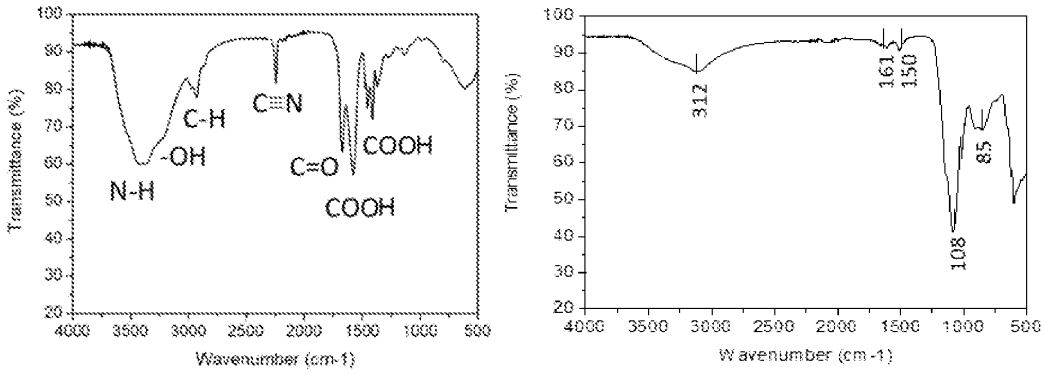


Figure 13



(A) (B)

Figure 14



(A) (B)

Figure 15