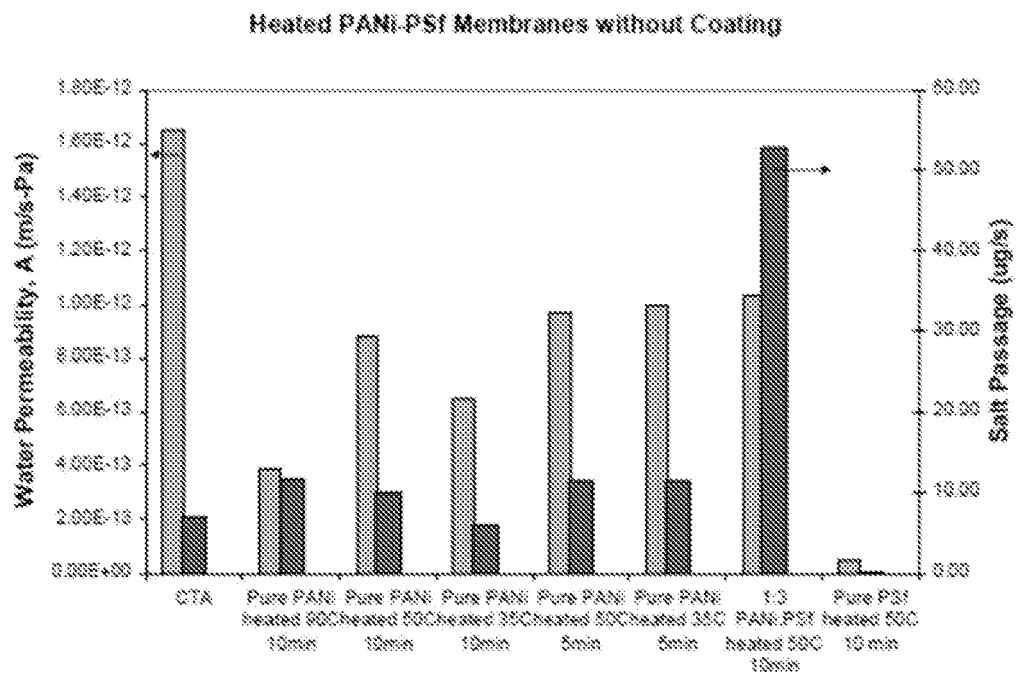


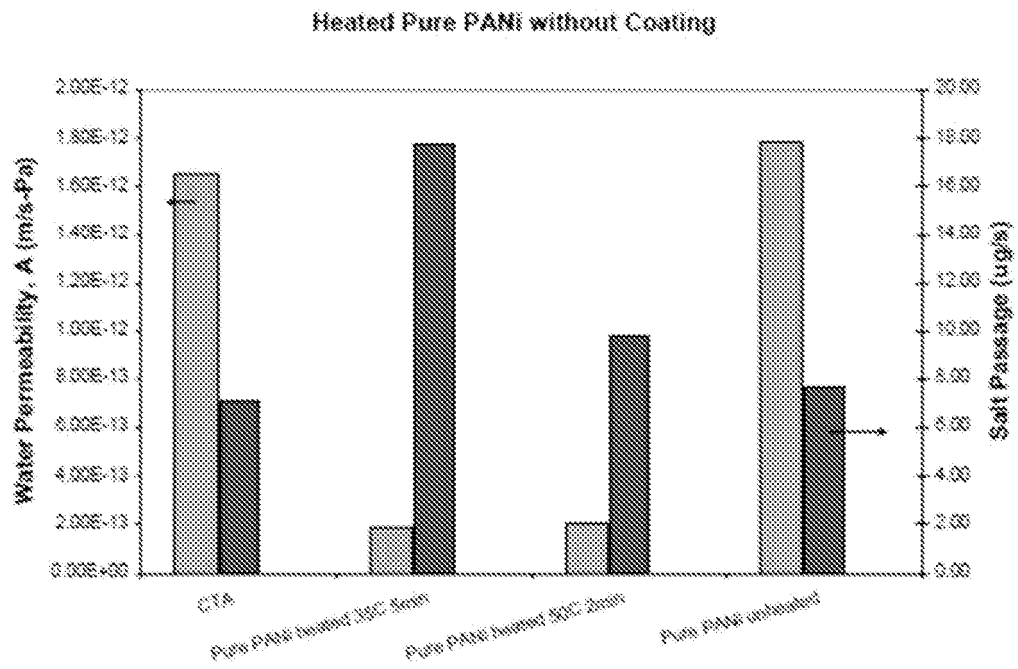
1/11

Figure 1



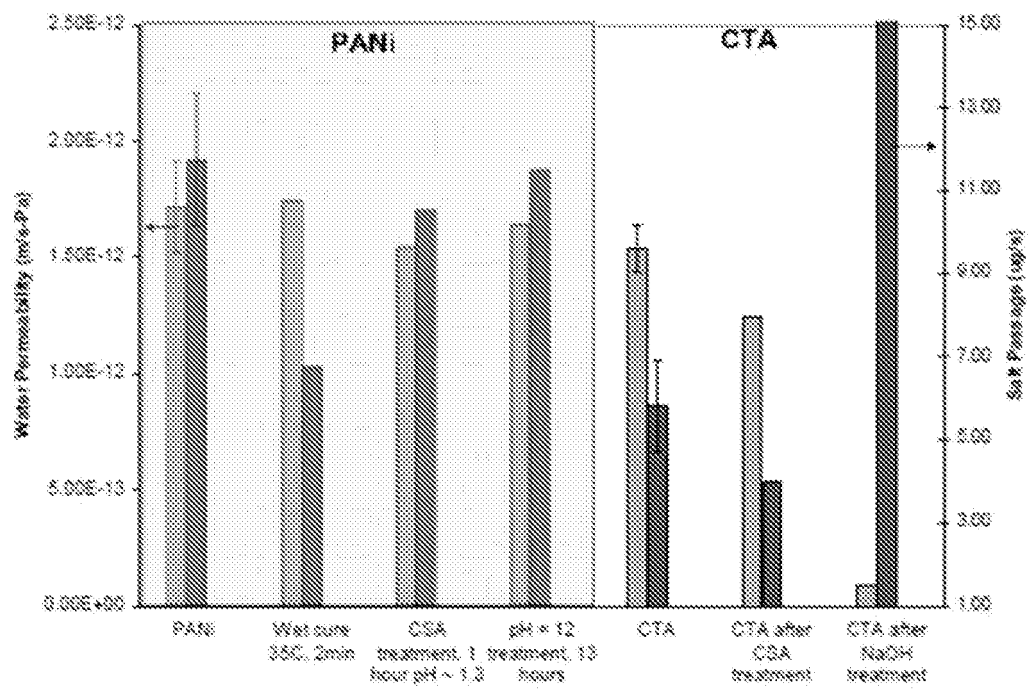
2/11

Figure 2



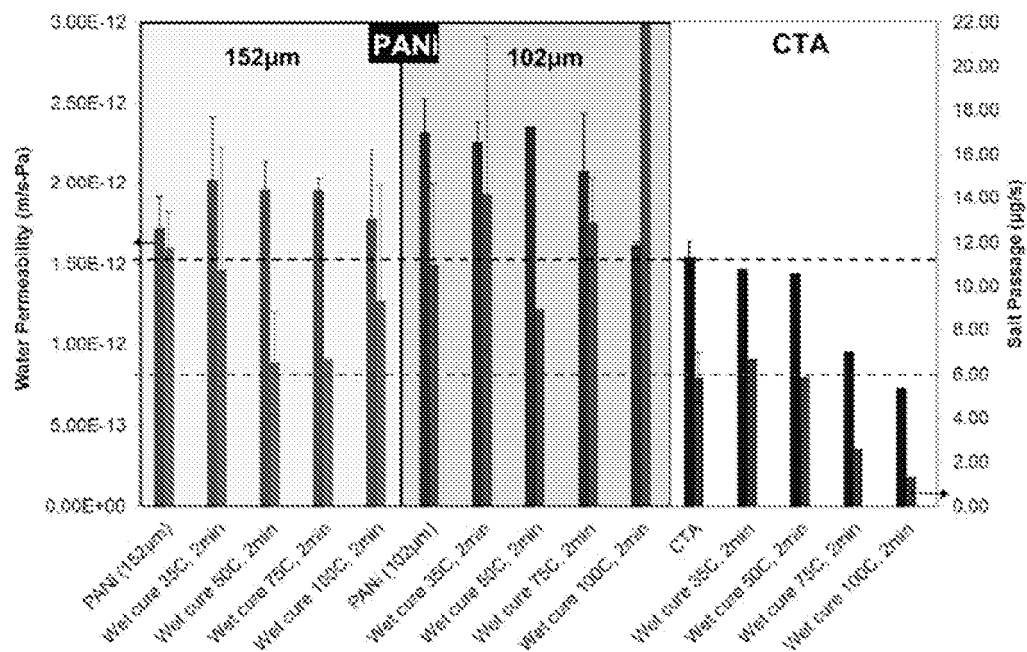
3/11

Figure 3



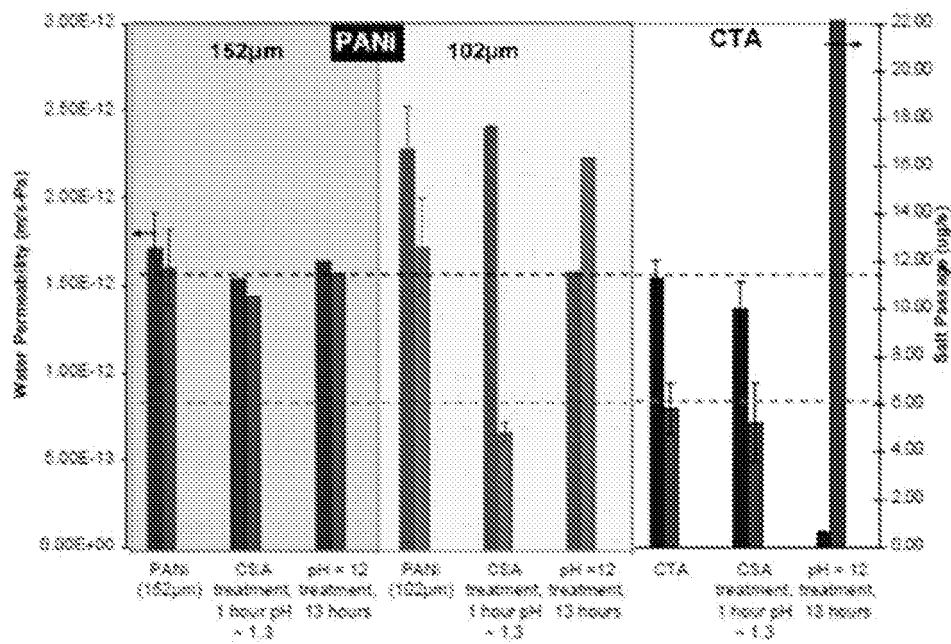
4/11

Figure 4



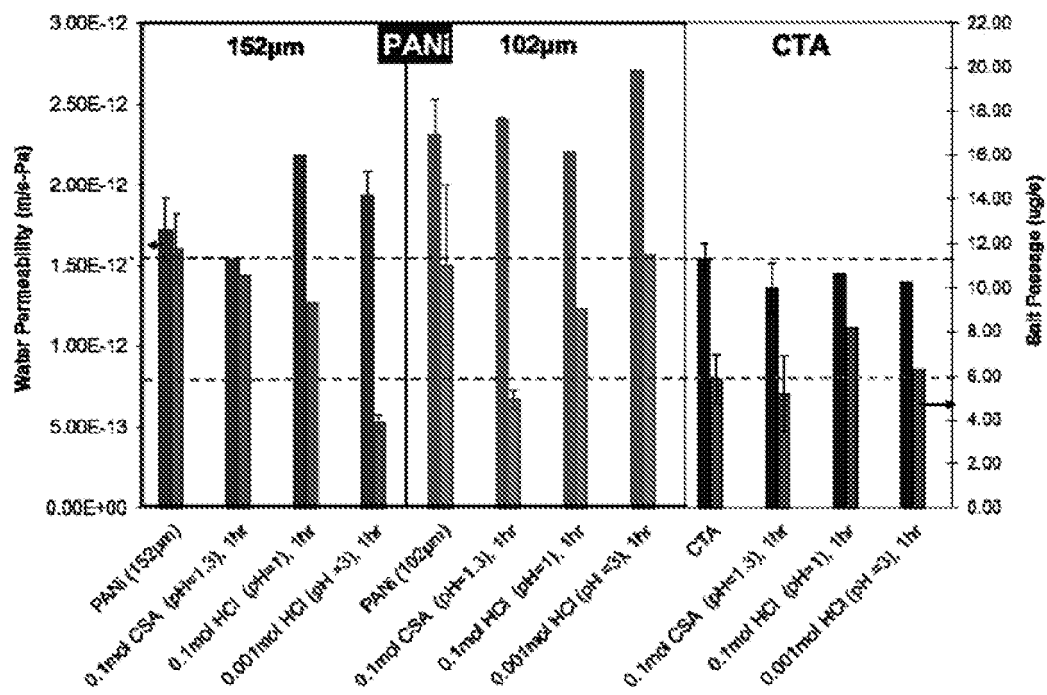
5/11

Figure 5



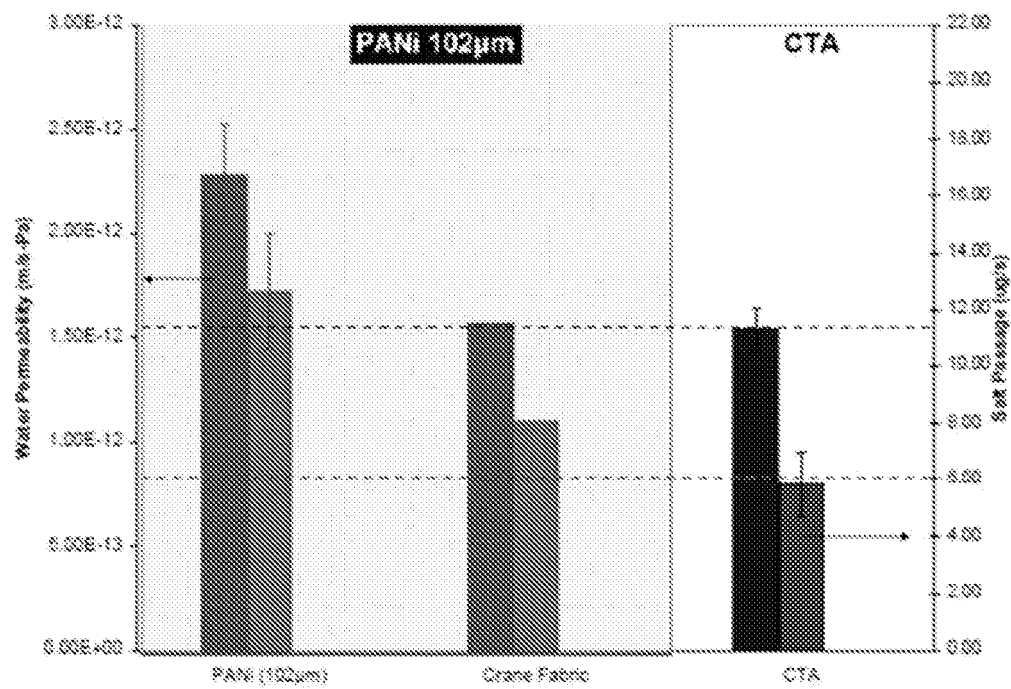
6/11

Figure 6



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Figure 7



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Figure 8

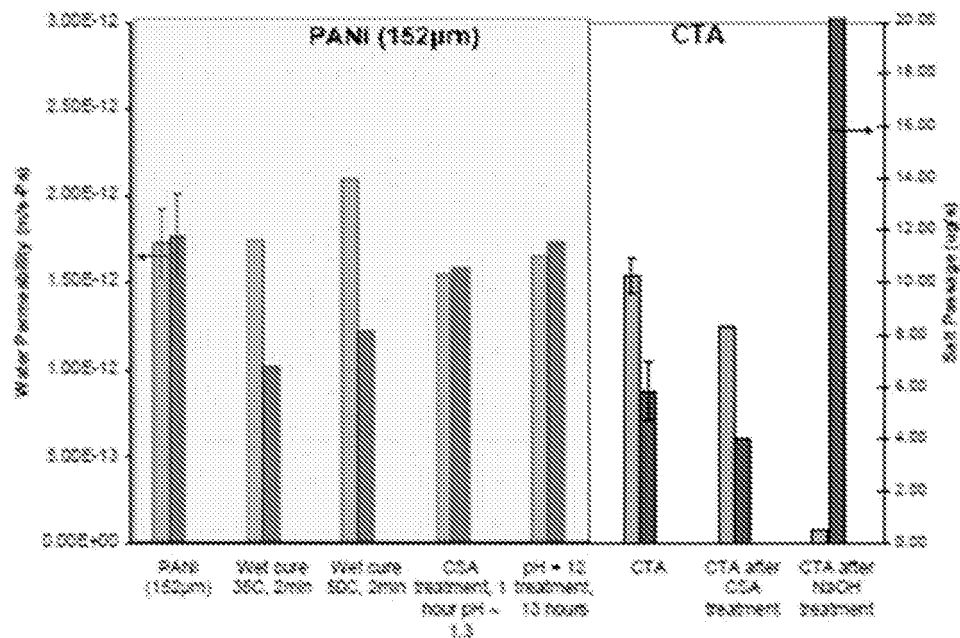
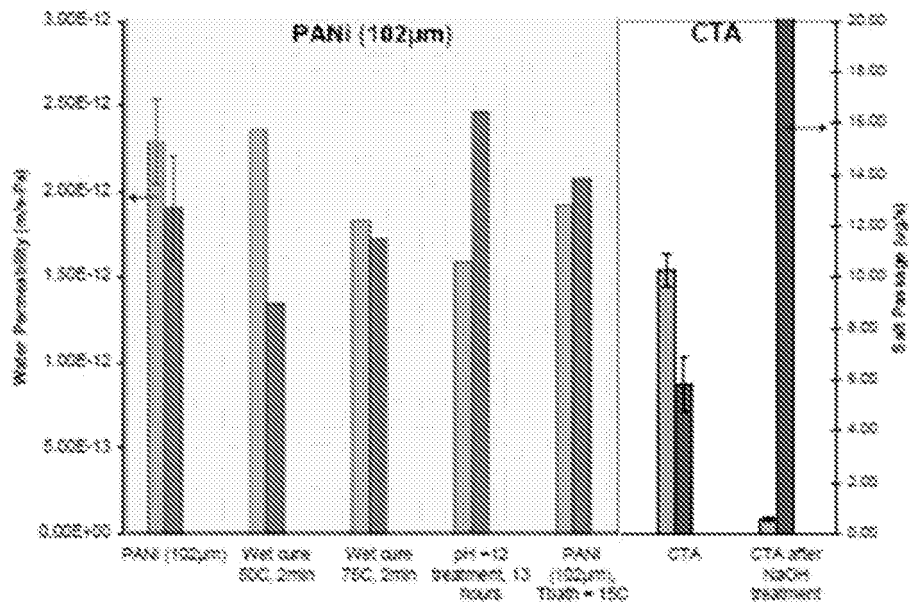


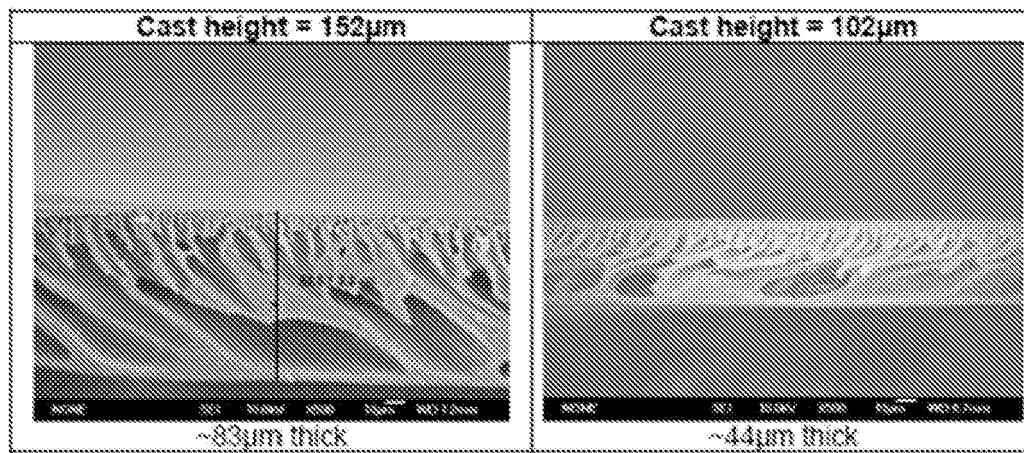
Figure 9



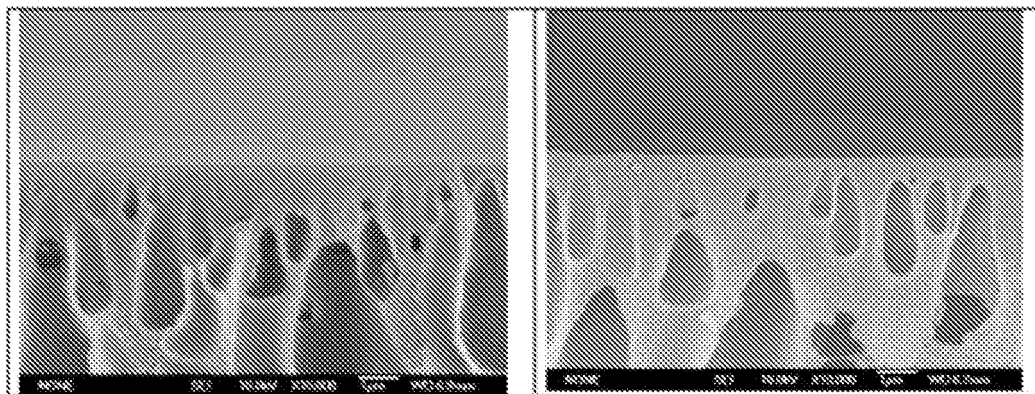
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Figure 10

(a)



(b)



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Figure 11

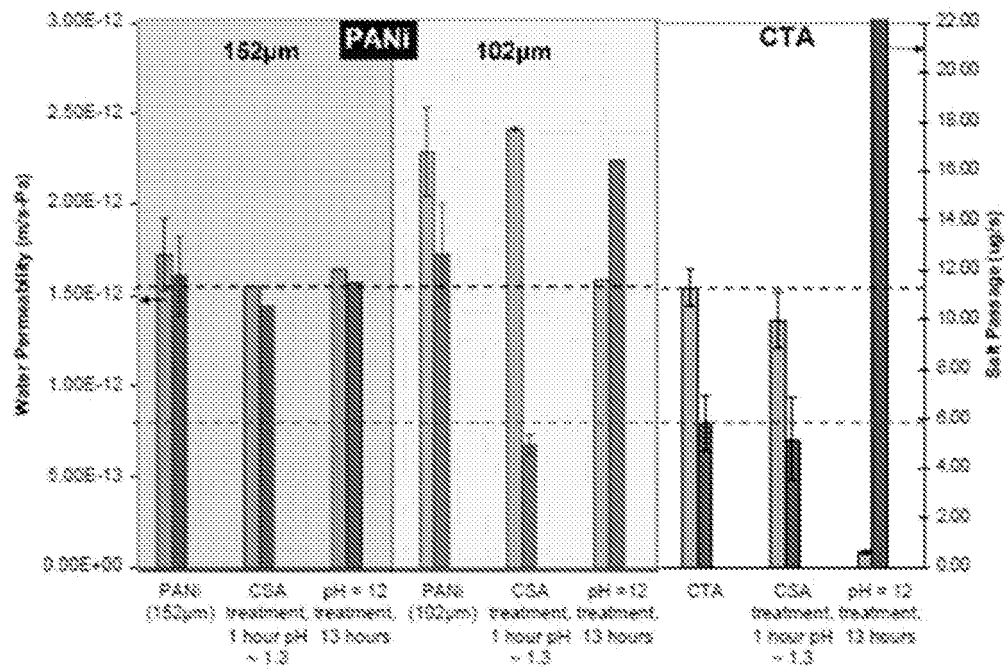
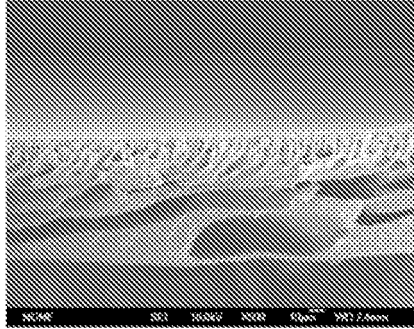
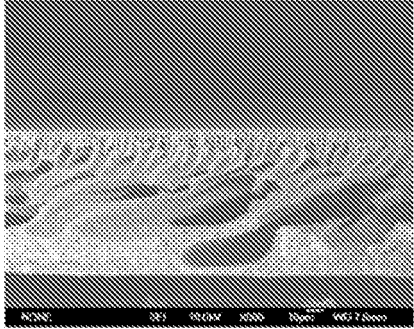


Figure 12

PANi-152	As-Cast	HCl-Treated
Structural Parameter, S (μm)	288.7	126.9
Porosity, ε	57.5 ± 4.9	56.4 ± 0.9
500X		
10000X	