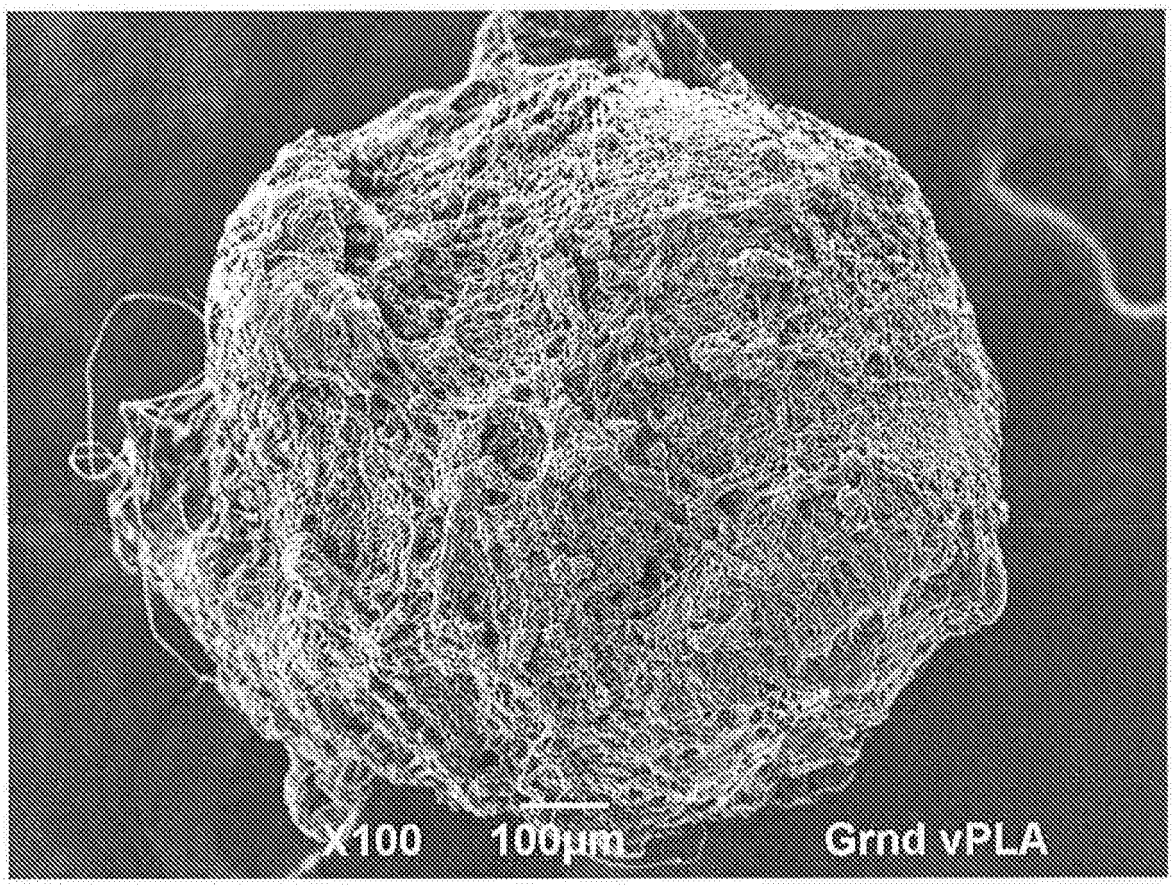


Fig. 1

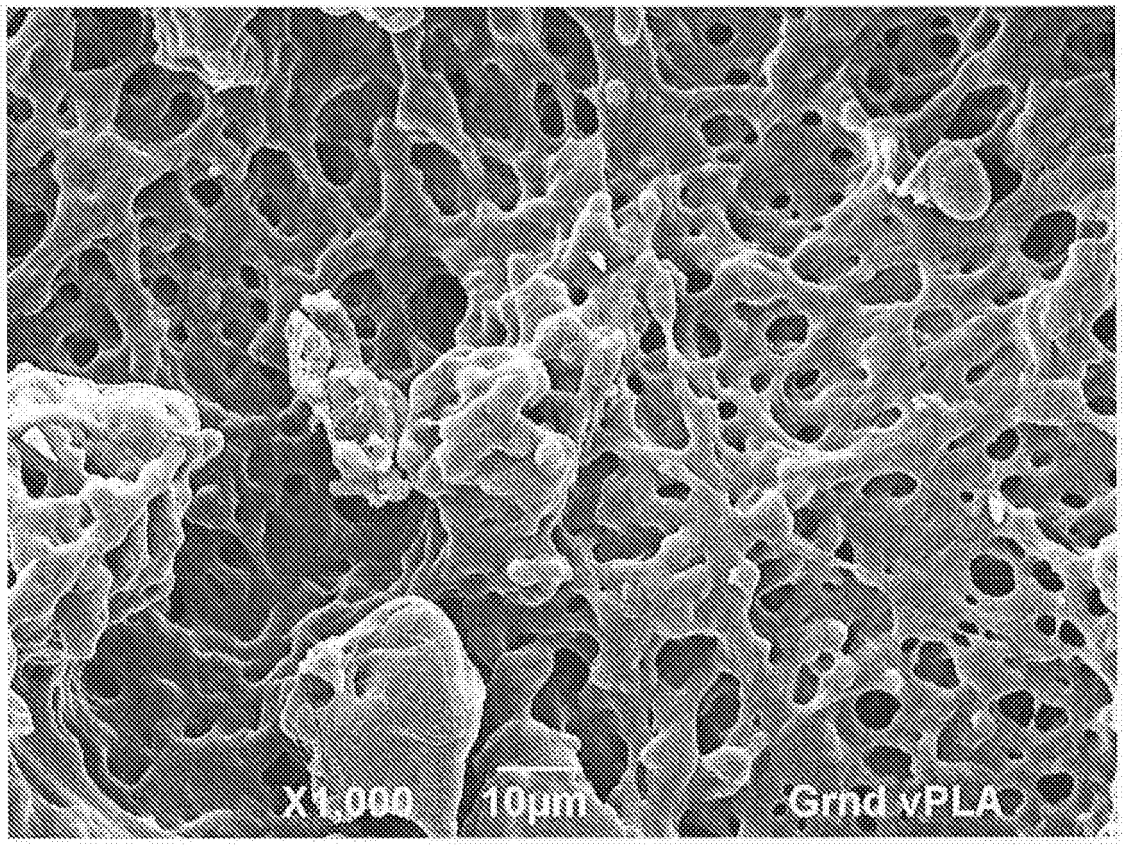


Fig. 2

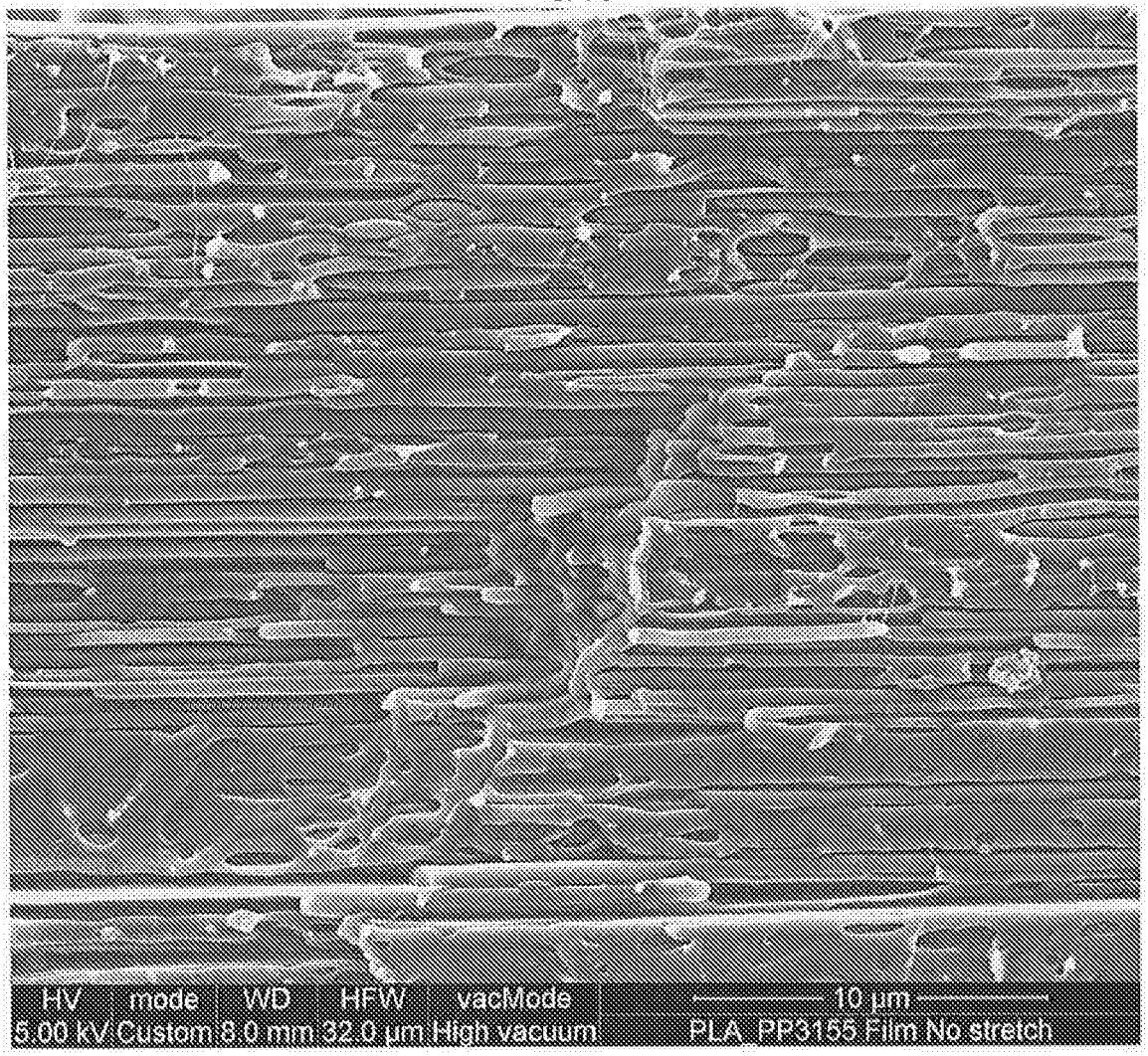

HV mode WD HFW vacMode
5.00 kV Custom 8.0 mm 32.0 µm High vacuum
10 µm
PLA_PP3155 Film No stretch

Fig. 3

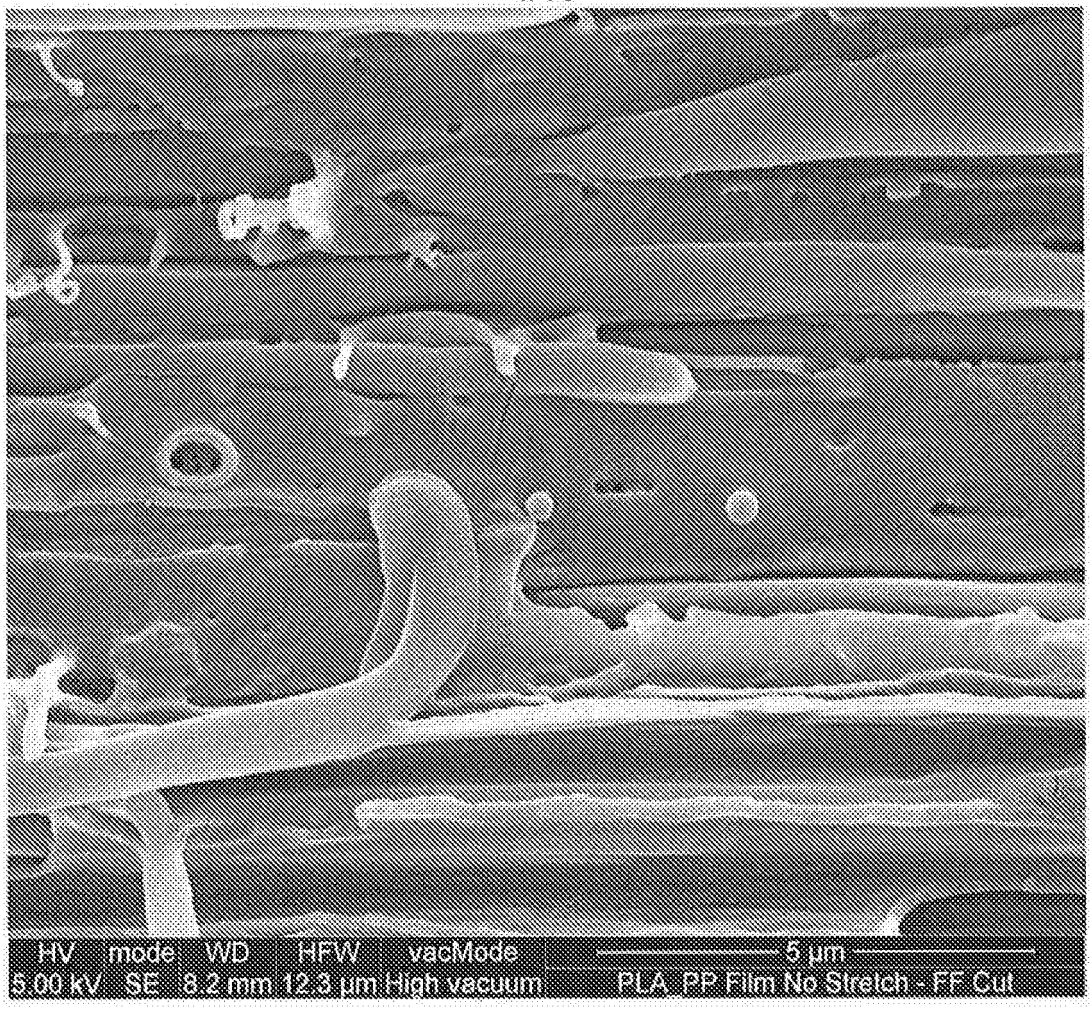

HV mode WD HFW vacMode
5.00 kV SE 8.2 mm 12.3 µm High vacuum
5 µm
PLA PP Film No Stretch - FF Cut

Fig. 4

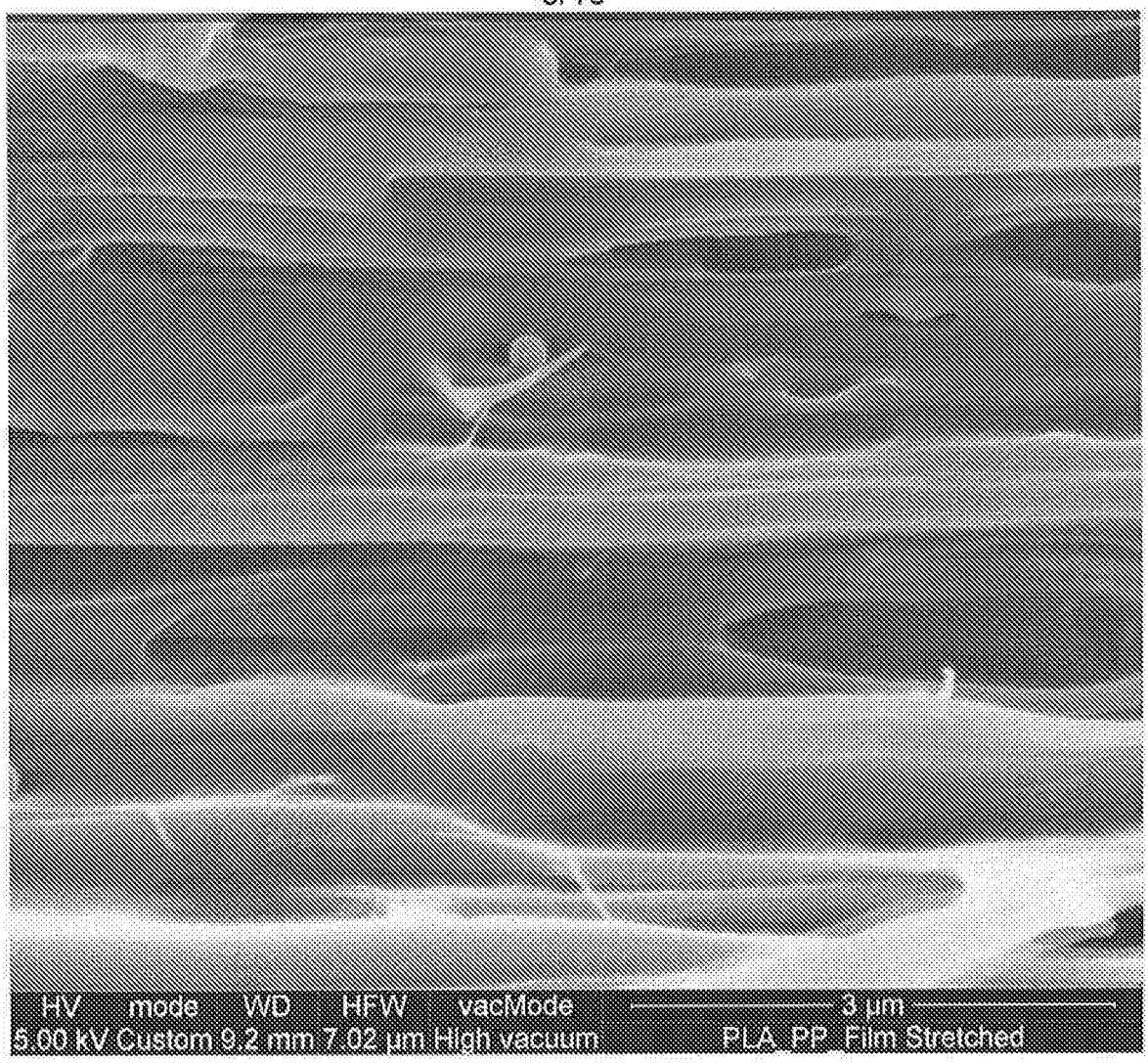

HV mode WD HFW vacMode 3 µm
5.00 kV Custom 9.2 mm 7.02 µm High vacuum PLA_PP_Film Stretched

Fig. 5

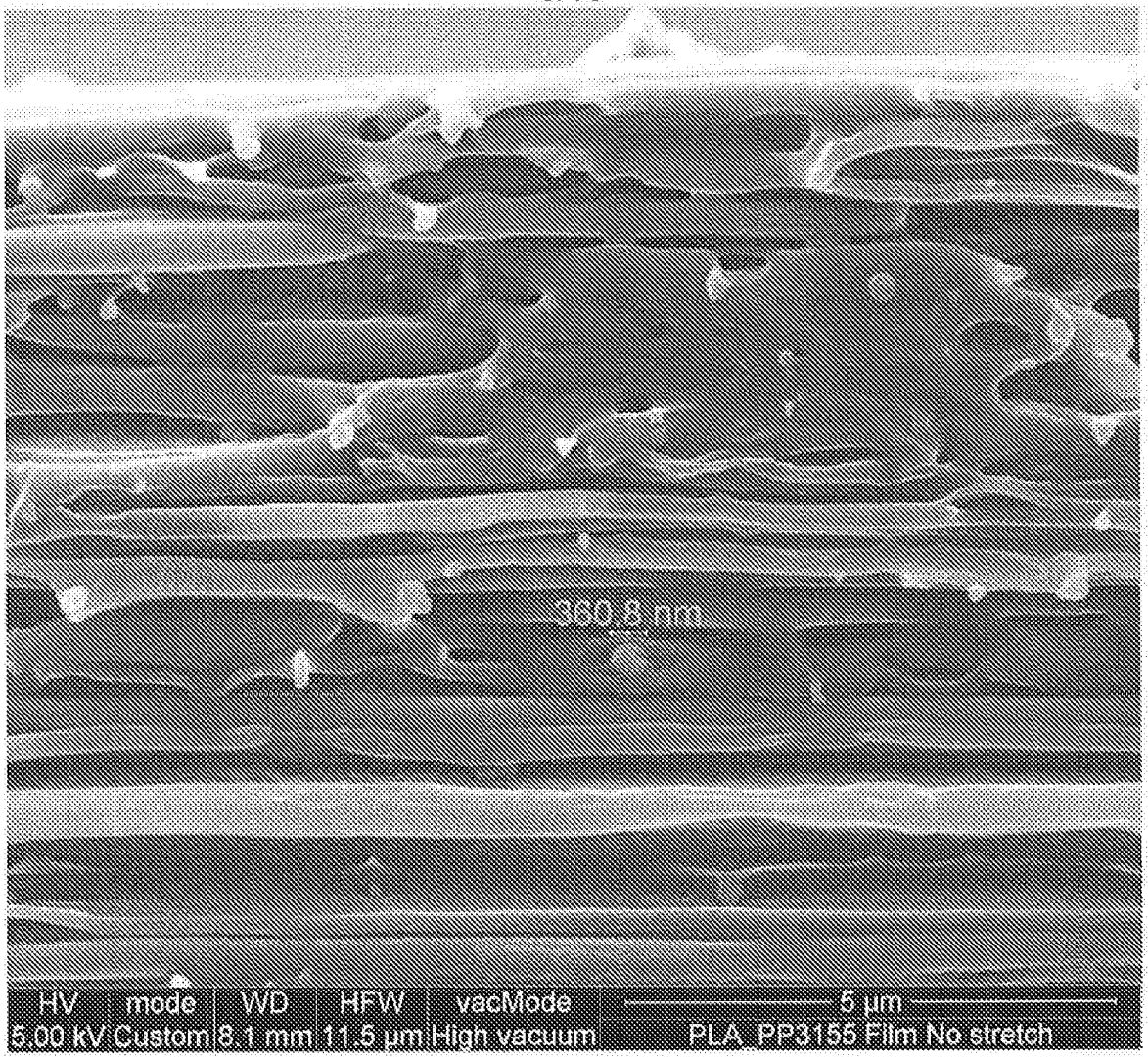

360.8 nm
HV mode WD HFW vacMode 5 µm
5.00 kV Custom 8.1 mm 11.5 µm High vacuum PLA_PP3155 Film No stretch

Fig. 6

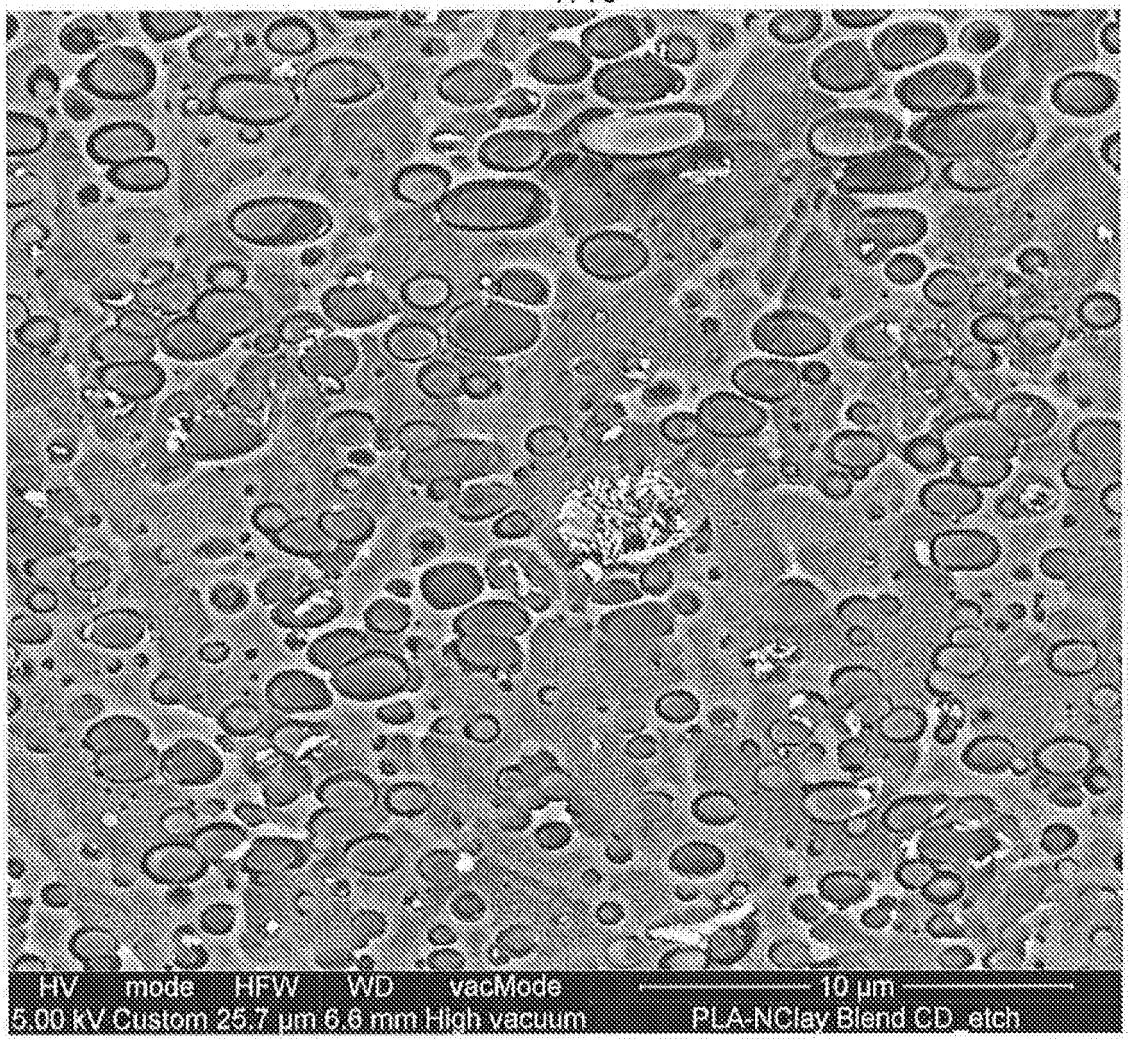

HV mode HFW WD vacMode 10 µm
5.00 kV Custom 25.7 µm 6.6 mm High vacuum PLA-NClay Blend CD_etch

Fig. 7

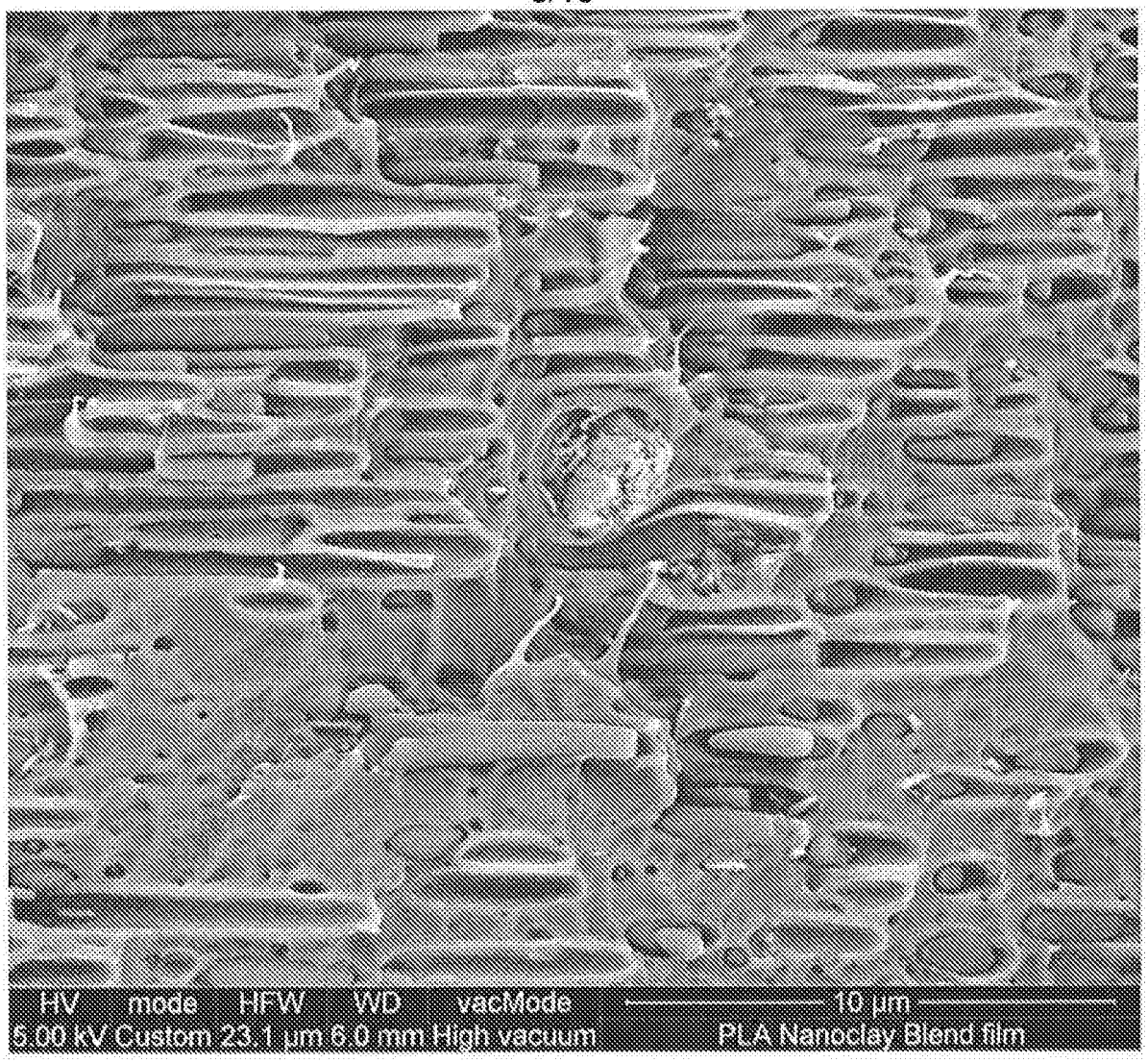

HV mode HFW WD vacMode 10 µm
5.00 kV Custom 23.1 µm 6.0 mm High vacuum PLA Nanoclay Blend film

Fig. 8

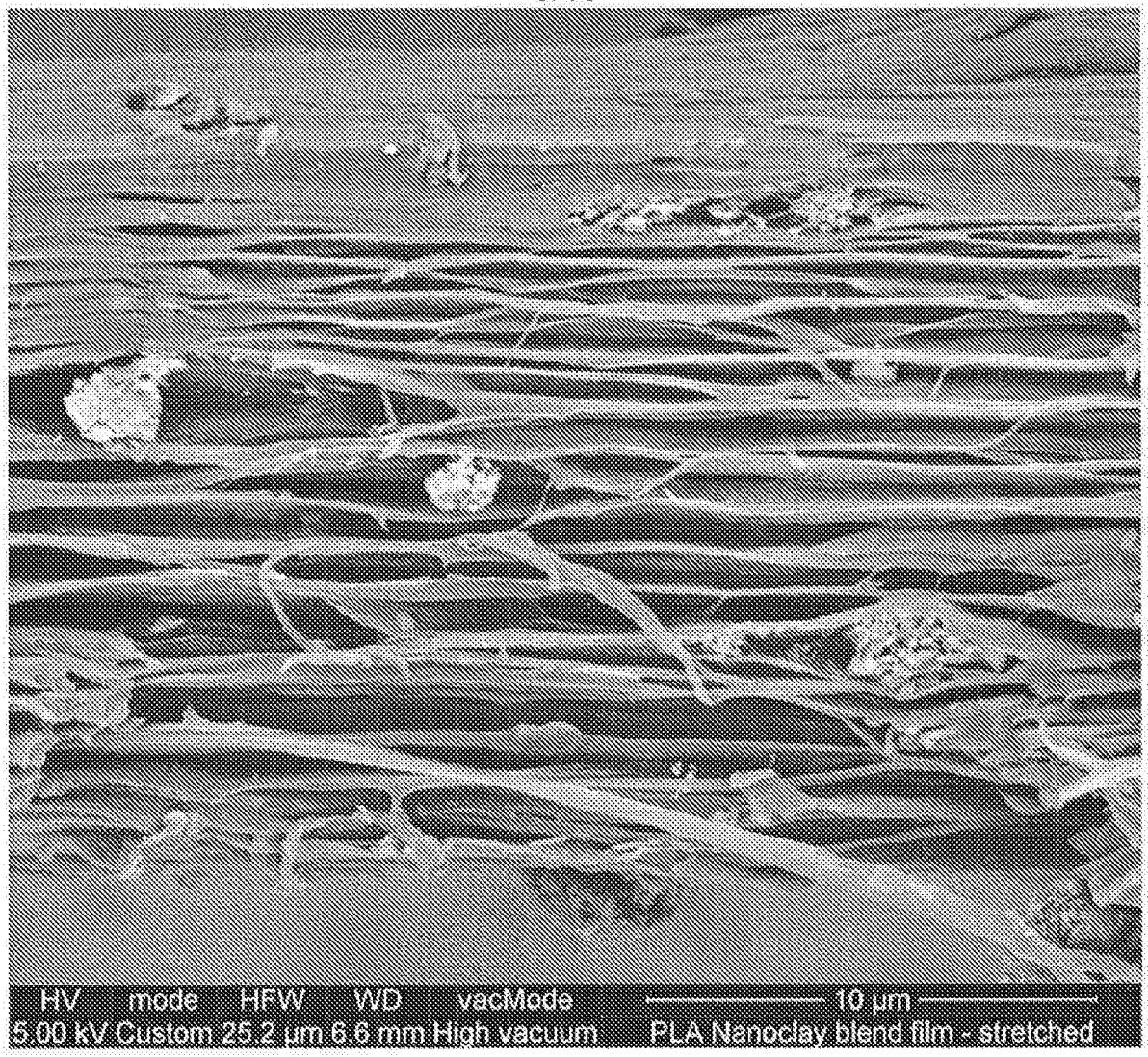

HV mode HFW WD vacMode 10 µm
5.00 kV Custom 25.2 µm 6.6 mm High vacuum PLA Nanoclay blend film - stretched

Fig. 9

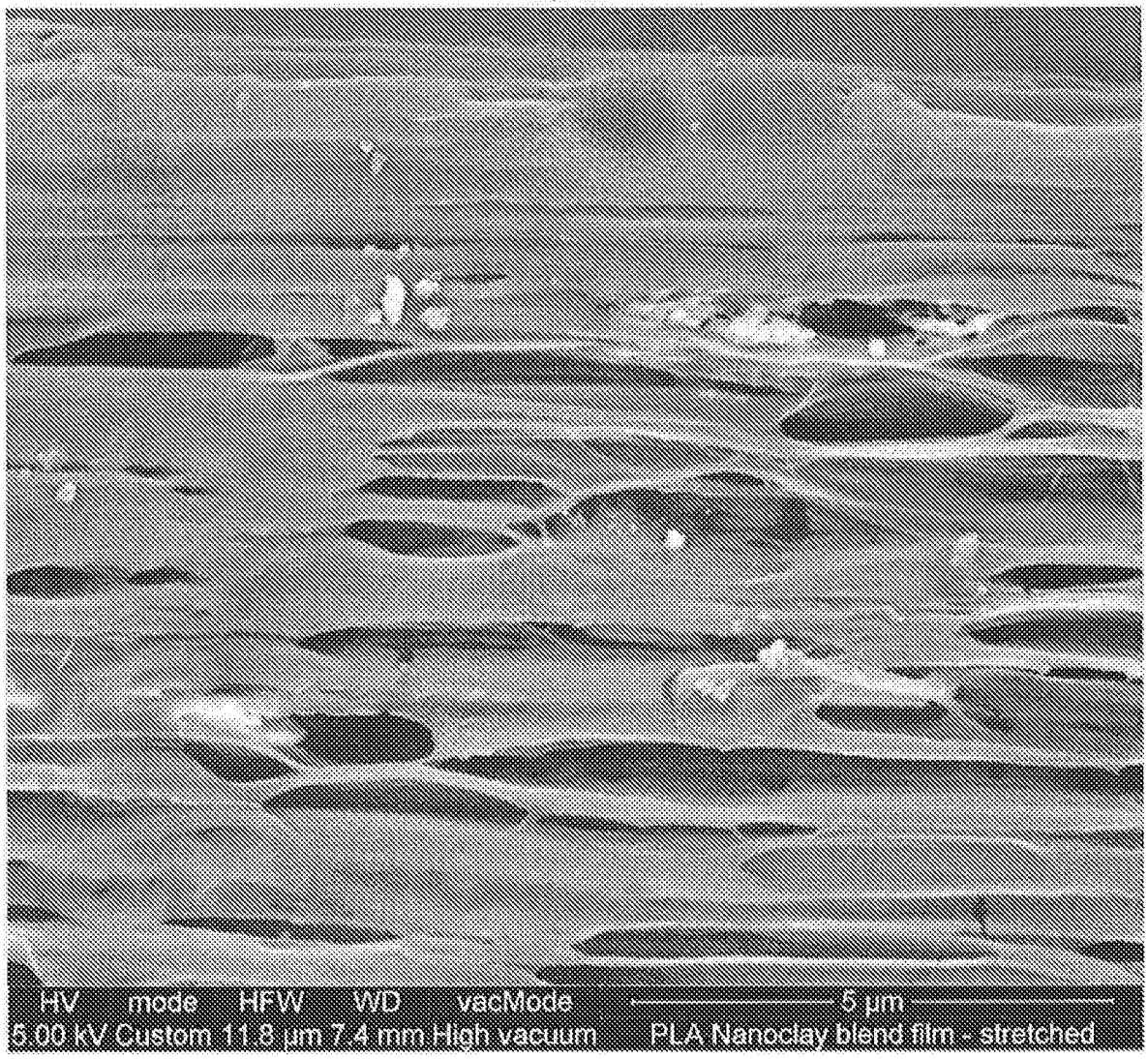

HV mode HFW WD vacMode 5 µm
5.00 kV Custom 11.8 µm 7.4 mm High vacuum PLA Nanoclay blend film - stretched

Fig. 10