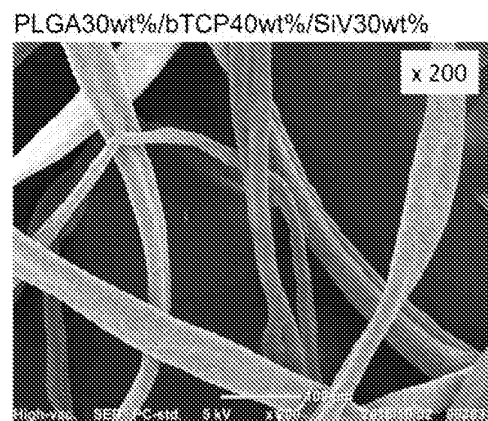


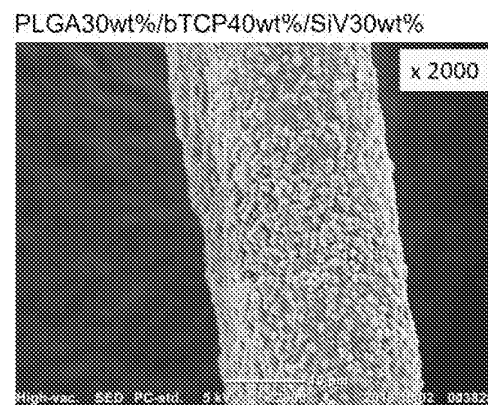
[Fig. 1A]

FIG. 1A



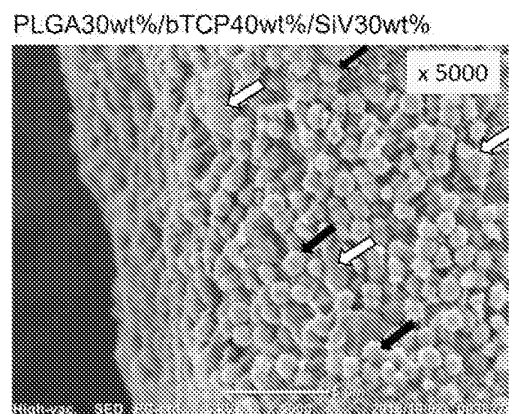
[Fig. 1B]

FIG. 1B



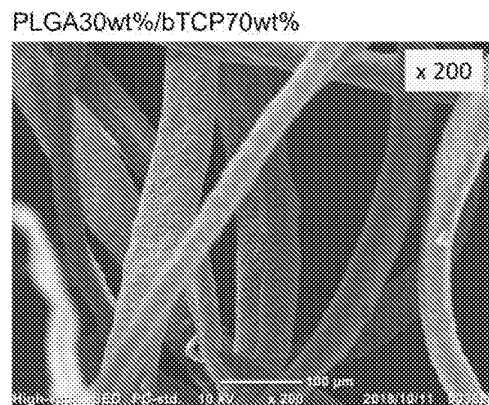
[Fig. 1C]

FIG. 1C



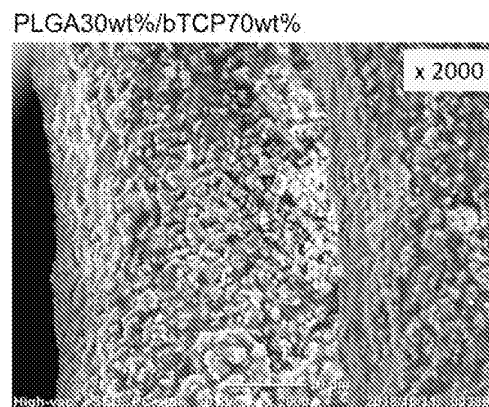
[Fig. 1D]

FIG. 1D



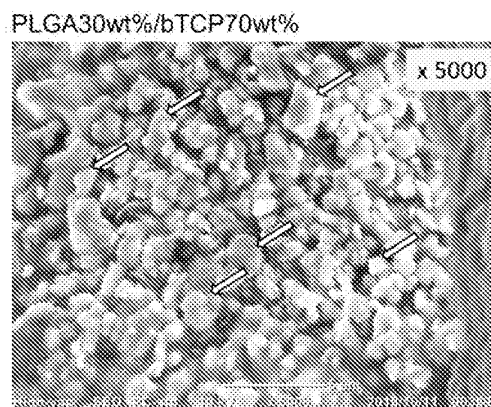
[Fig. 1E]

FIG. 1E



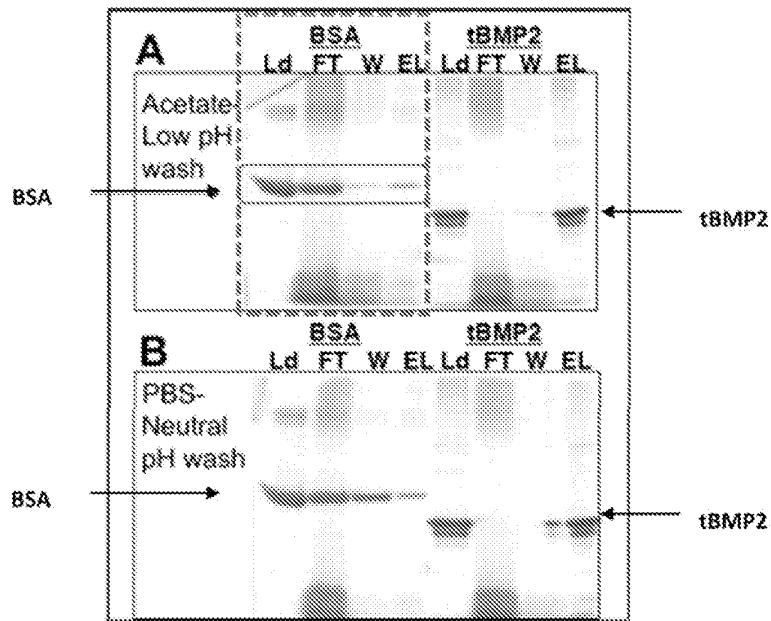
[Fig. 1F]

FIG. 1F



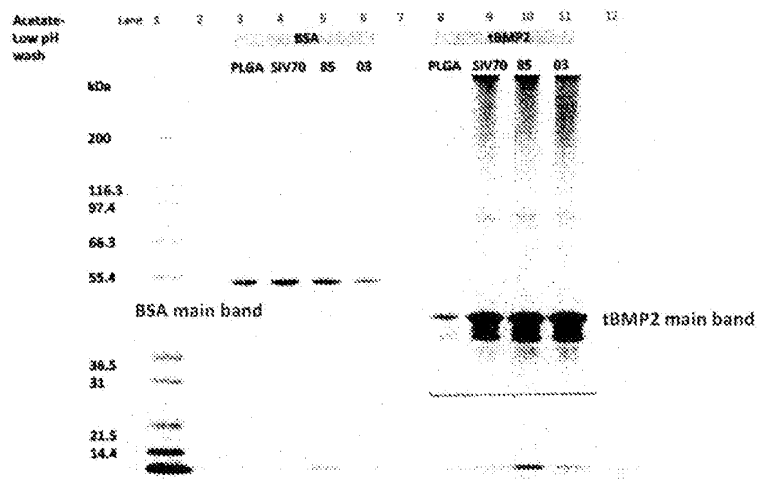
[Fig. 2]

FIG. 2



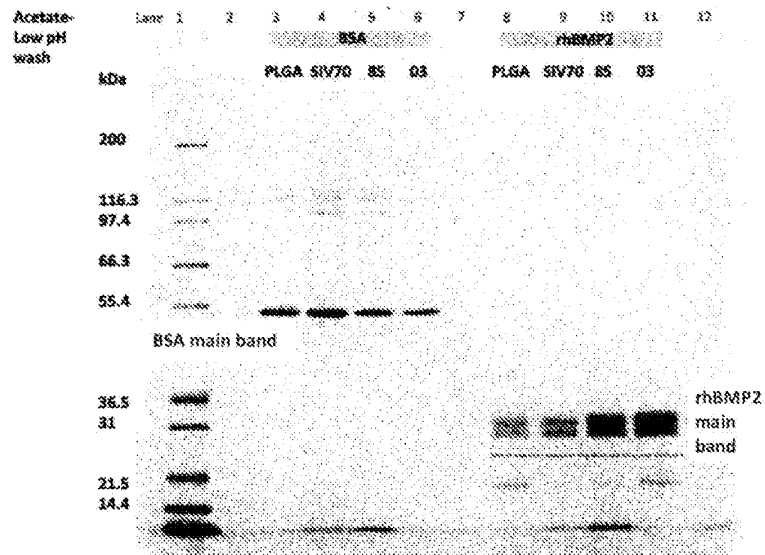
[Fig. 3]

FIG. 3



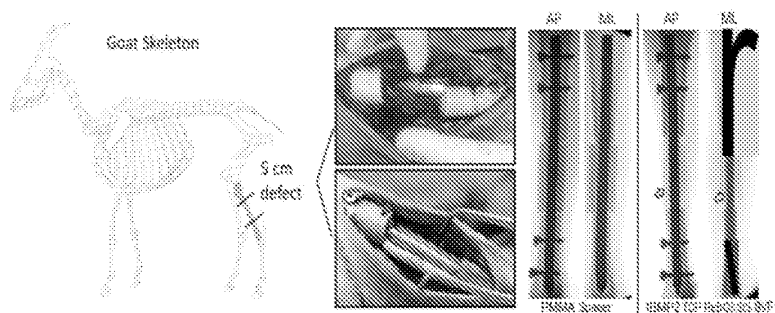
[Fig. 4]

FIG. 4



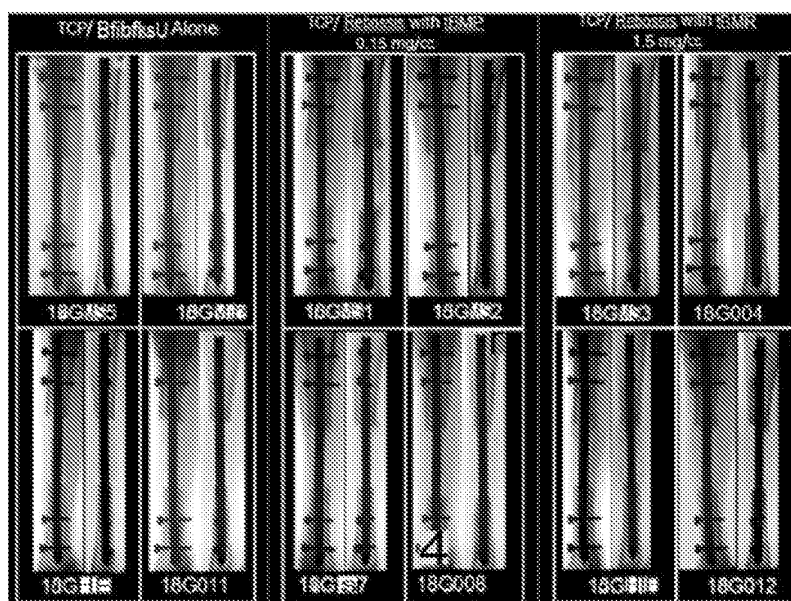
[Fig. 5]

FIG. 5



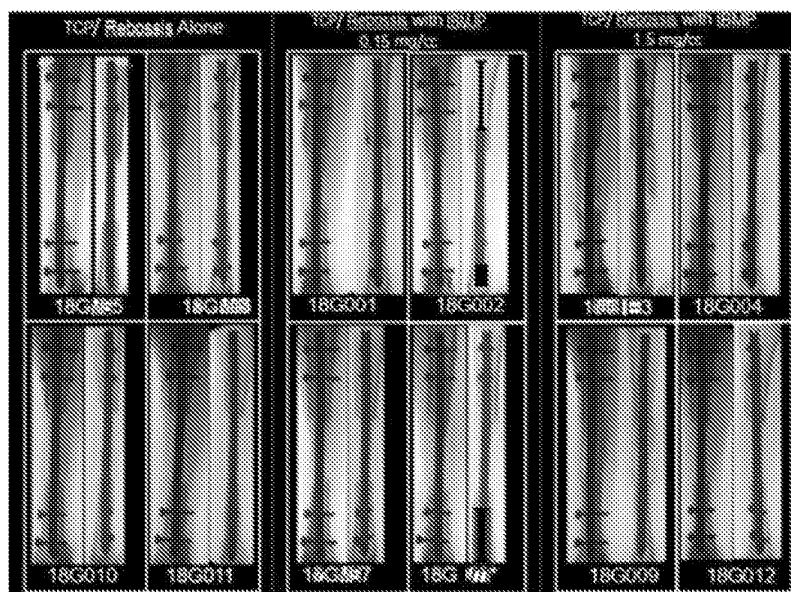
[Fig. 6A]

FIG. 6A



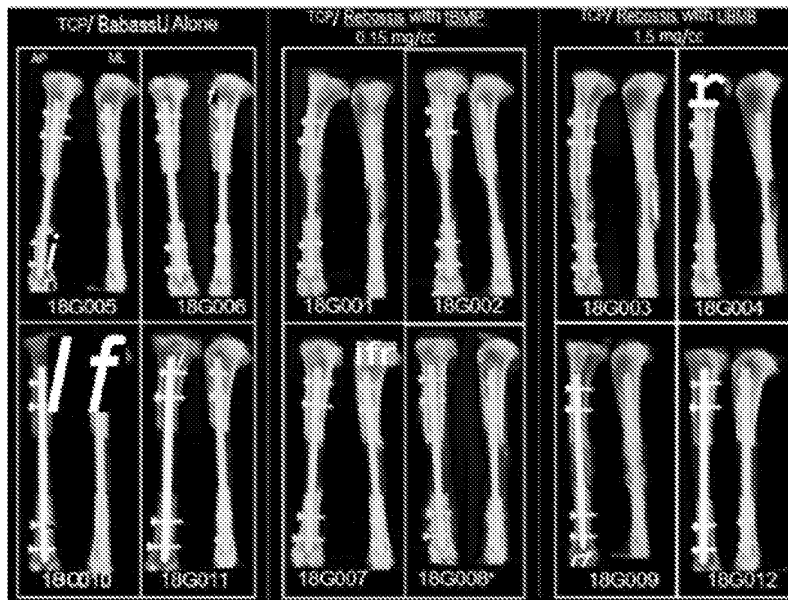
[Fig. 6B]

FIG. 6B



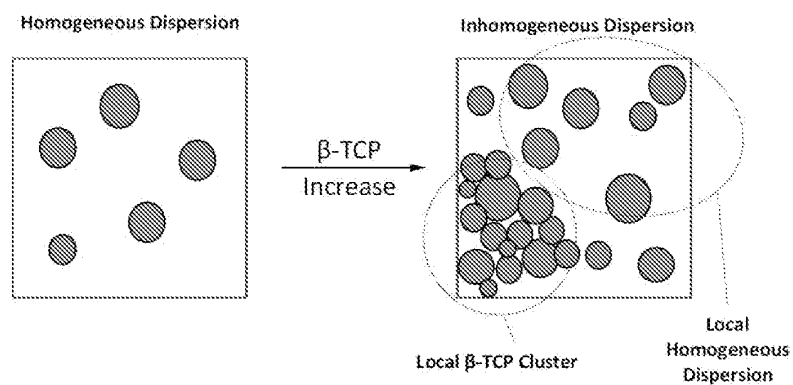
[Fig. 7]

FIG. 7



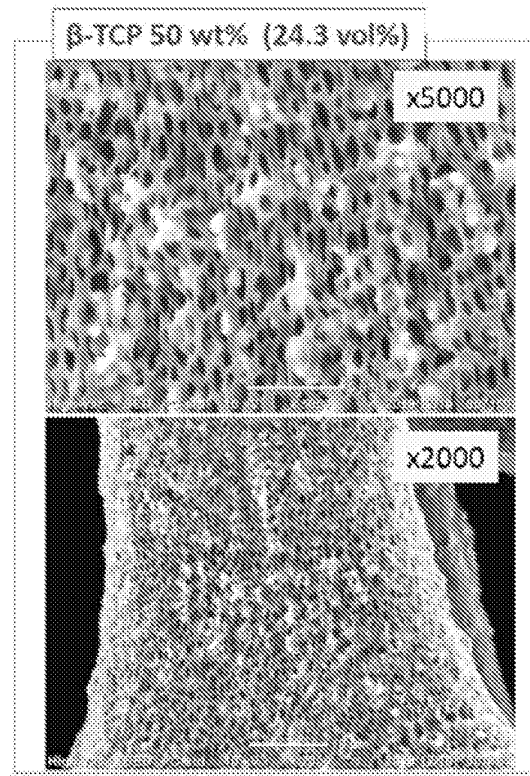
[Fig. 8]

FIG. 8



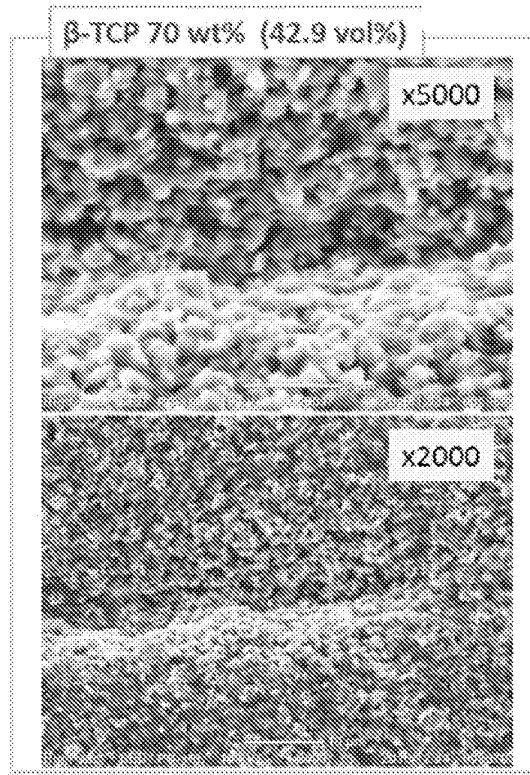
[Fig. 9A]

FIG. 9A



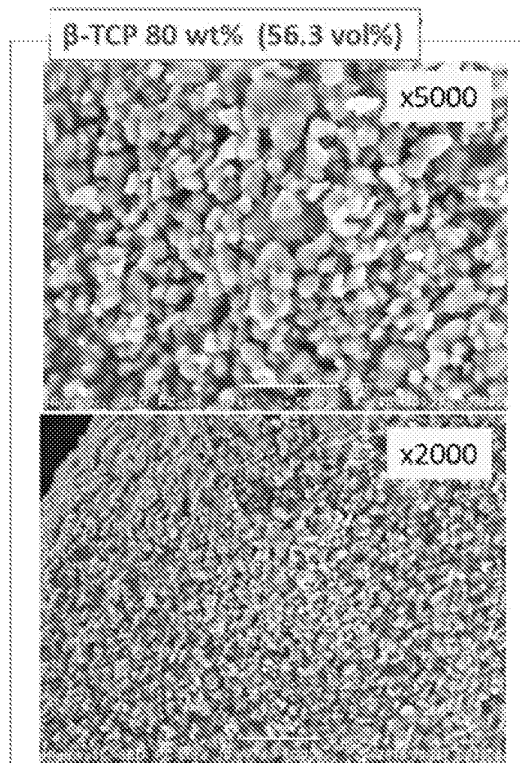
[Fig. 9B]

FIG. 9B



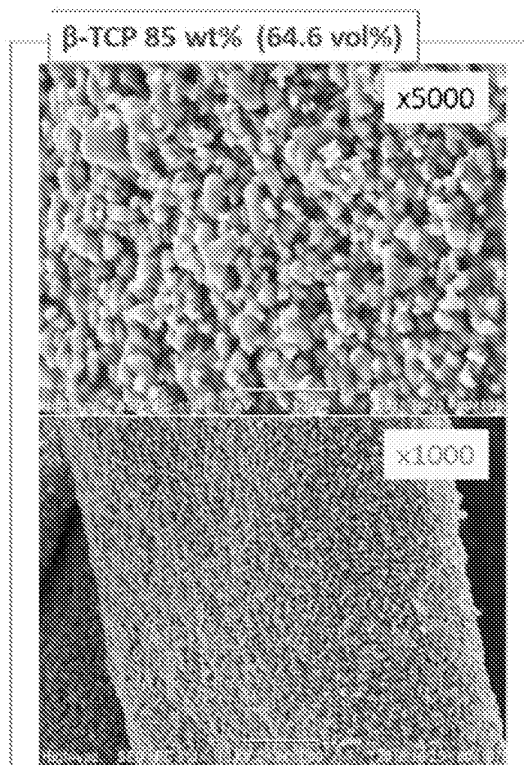
[Fig. 9C]

FIG. 9C



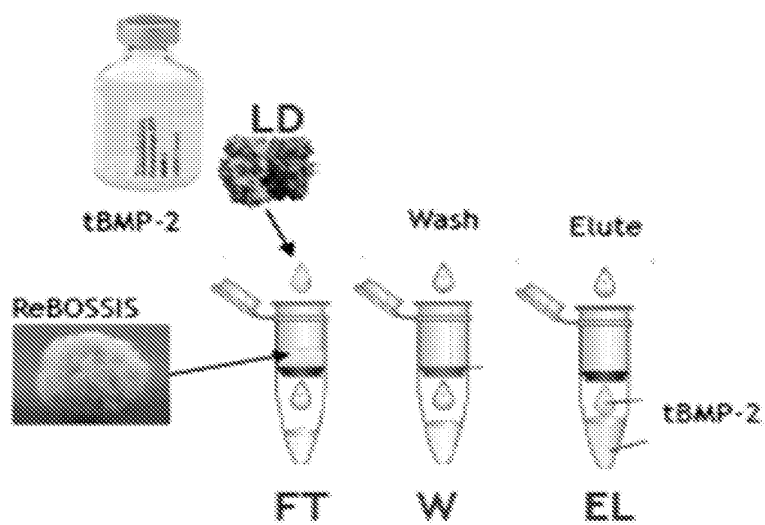
[Fig. 9D]

FIG. 9D



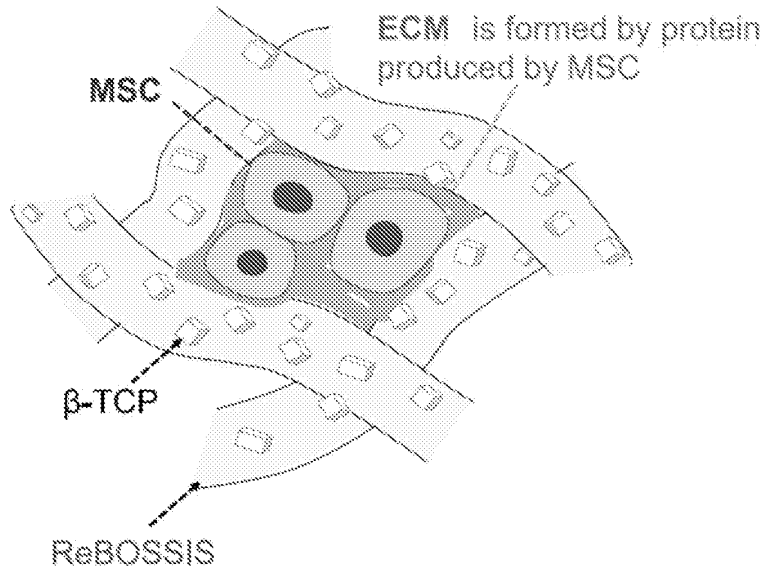
[Fig. 10]

FIG. 10



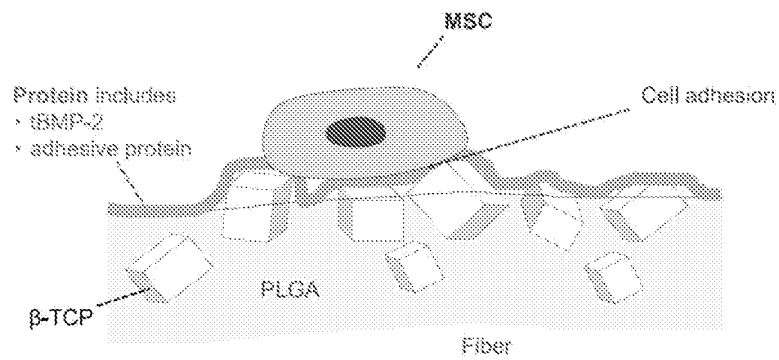
[Fig. 11]

FIG. 11



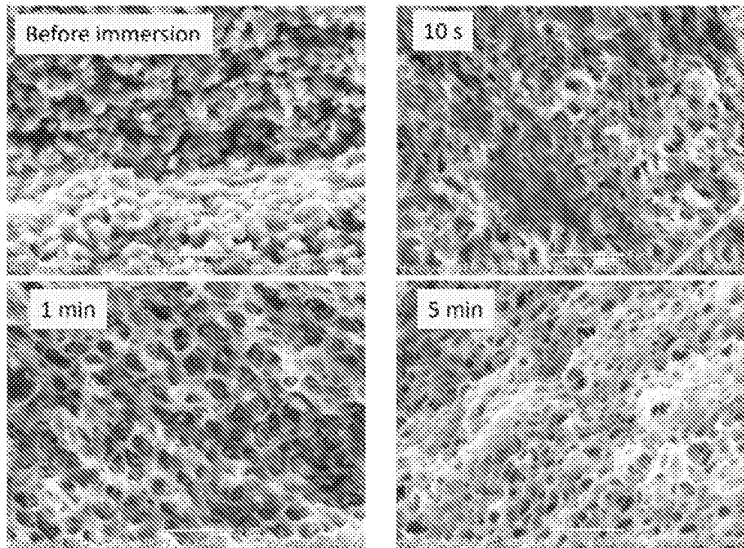
[Fig. 12]

FIG. 12



[Fig. 13A]

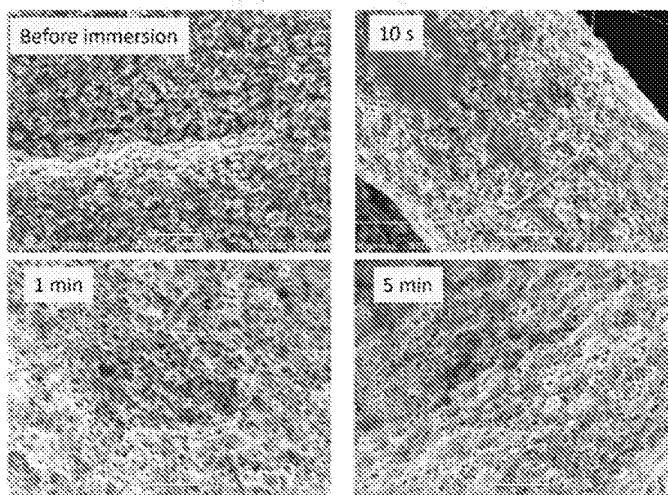
FIG. 13A

Result (SEM x5000, β -TCP 70%)

β -TCP particles are dissolved by HCL on a
surface of sheet immersed in HCl solution

[Fig. 13B]

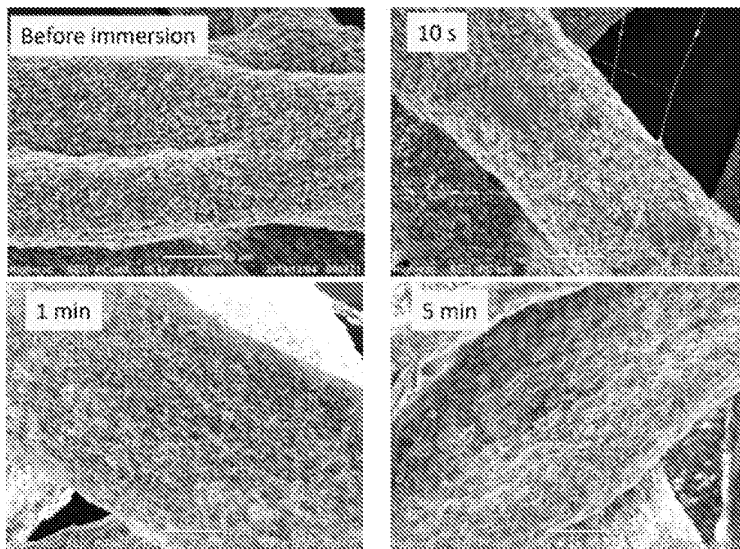
FIG. 13B

Result (SEM x2000, β -TCP 70%)

Thin PLGA fiber remained without being dissolved by HCl

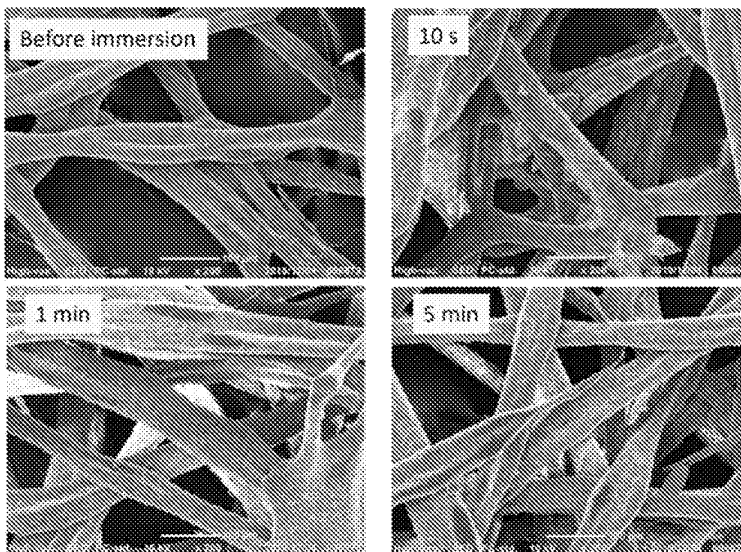
[Fig. 13C]

FIG. 13C

Result (SEM x1000, β -TCP 70%)

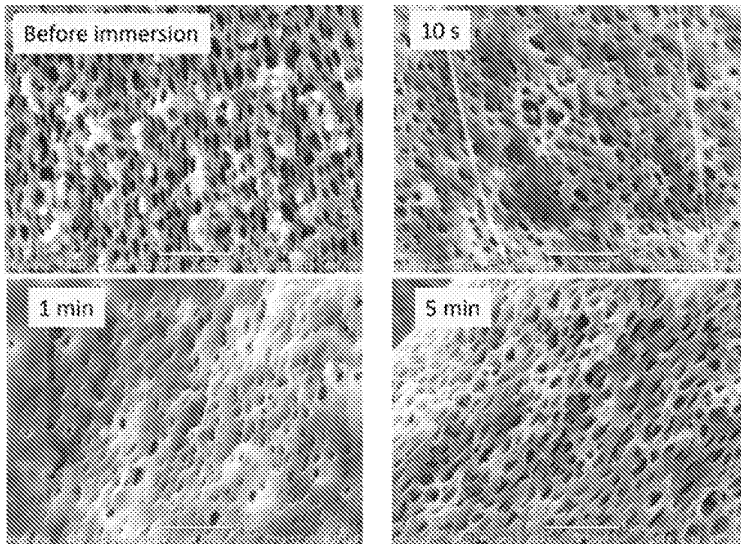
[Fig. 13D]

FIG. 13D

Result (SEM x200, β -TCP 70%)

[Fig. 14A]

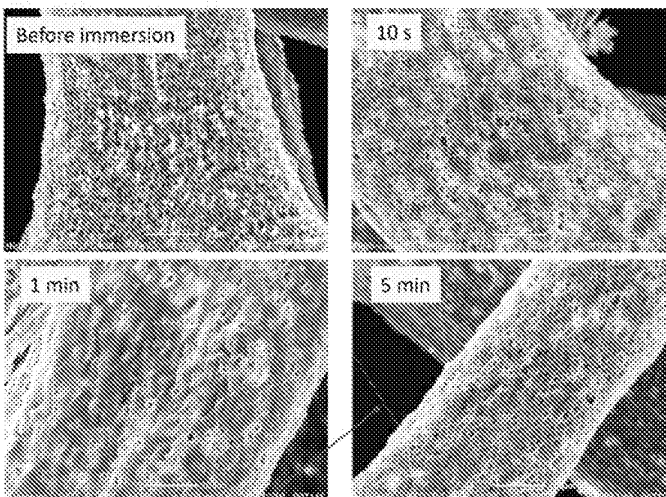
FIG. 14A

Result (SEM x5000, β -TCP 50%)

β -TCP particles are dissolved on a
surface of sheet immersed in HCl solution

[Fig. 14B]

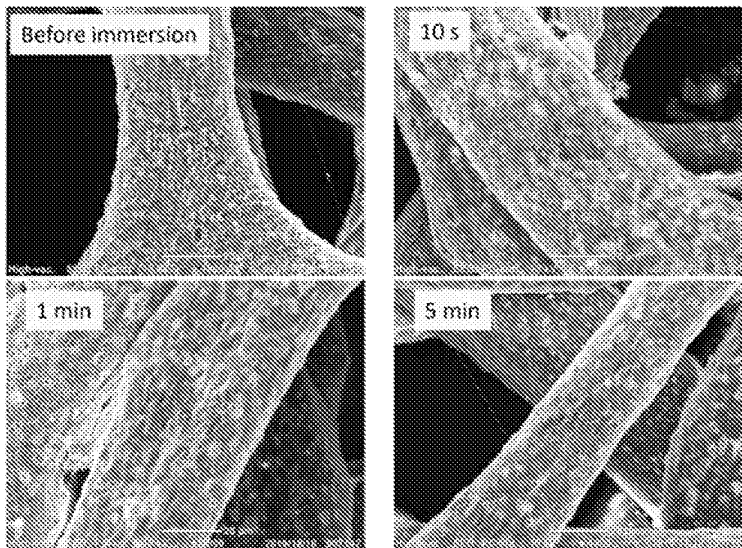
FIG. 14B

Result (SEM x2000, β -TCP 50%)

Thin PLGA fiber remained without being dissolved by HCl

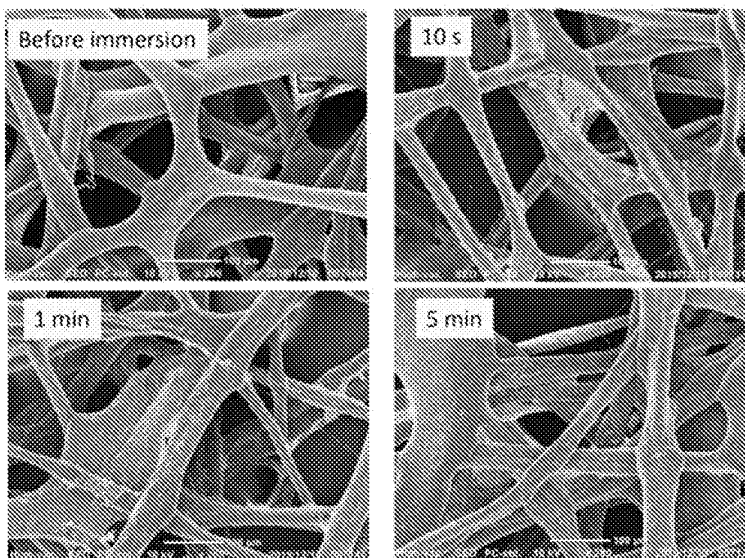
[Fig. 14C]

FIG. 14C

Result (SEM x1000, β -TCP 50%)

[Fig. 14D]

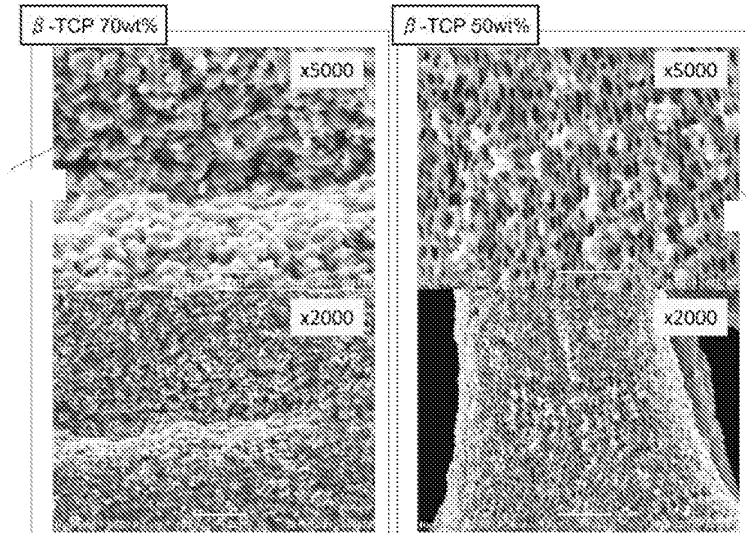
FIG. 14D

Result (SEM x200, β -TCP 50%)

[Fig. 14E]

FIG. 14E

Result (SEM no immersion into HCL)



More β -TCP particles are exposed on the surface in β -TCP 70 wt% than that in β -TCP 50 wt%