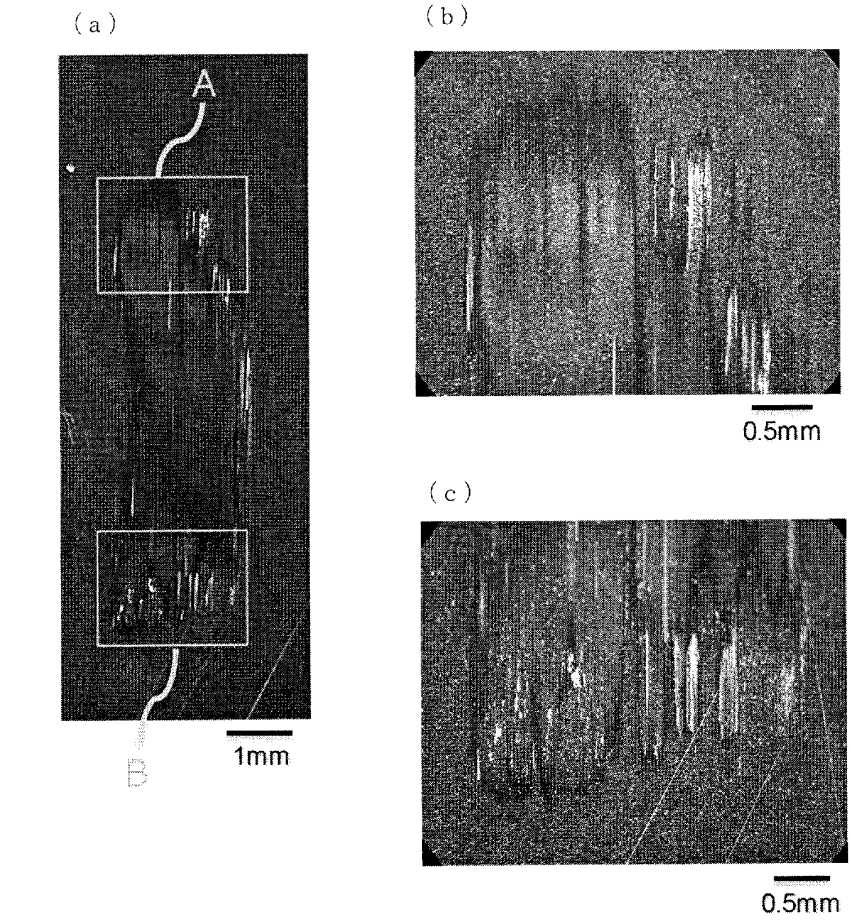
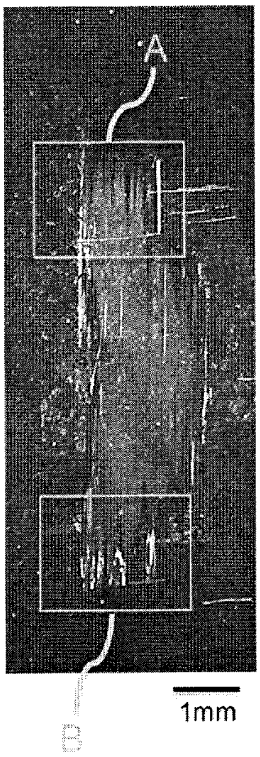
[図1]

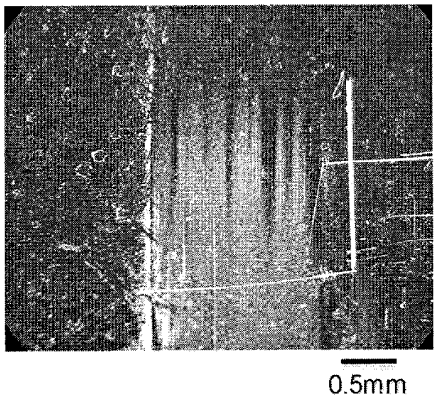


[図2]

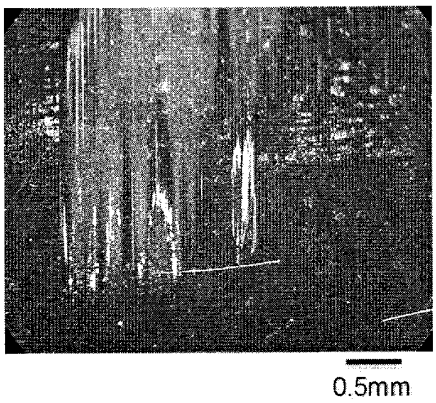
(a)



(b)

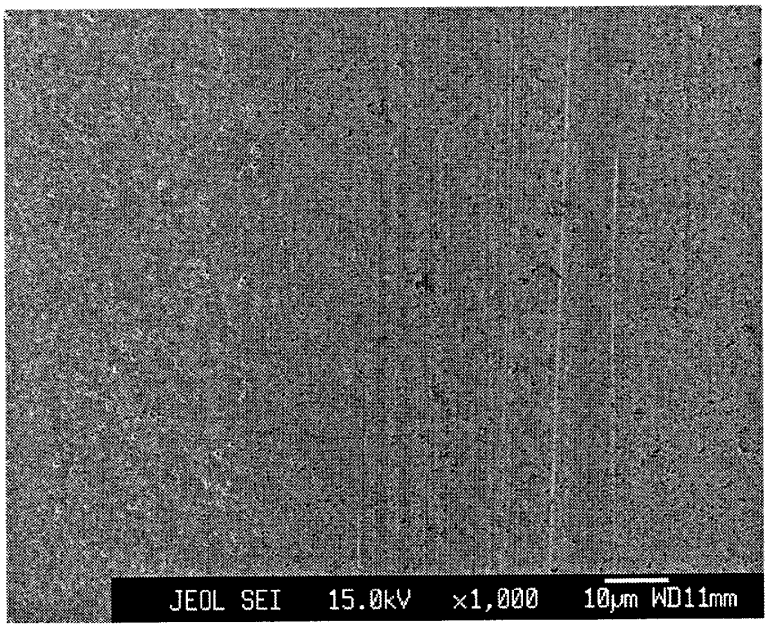


(c)

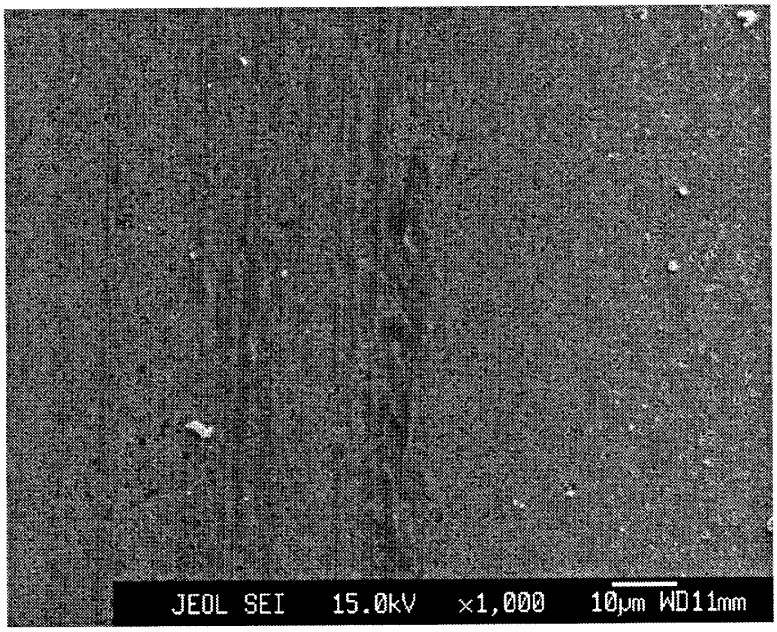


[図3]

(a)

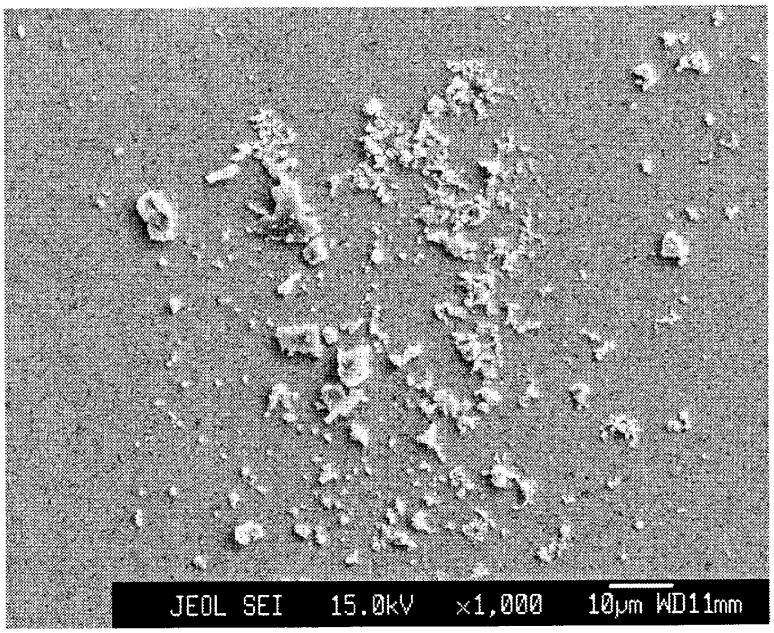

JEOL SEI 15.0kV ×1,000 10μm WD11mm

(b)

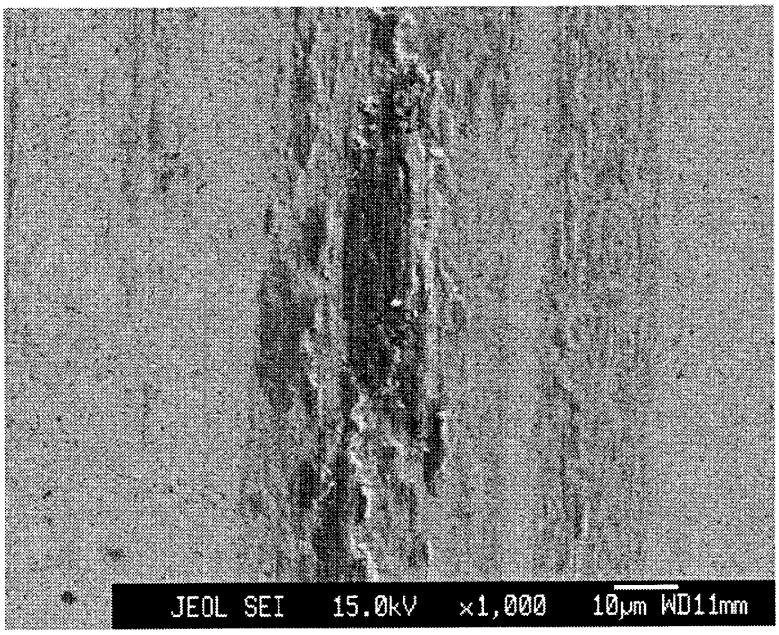

JEOL SEI 15.0kV ×1,000 10μm WD11mm

[図4]

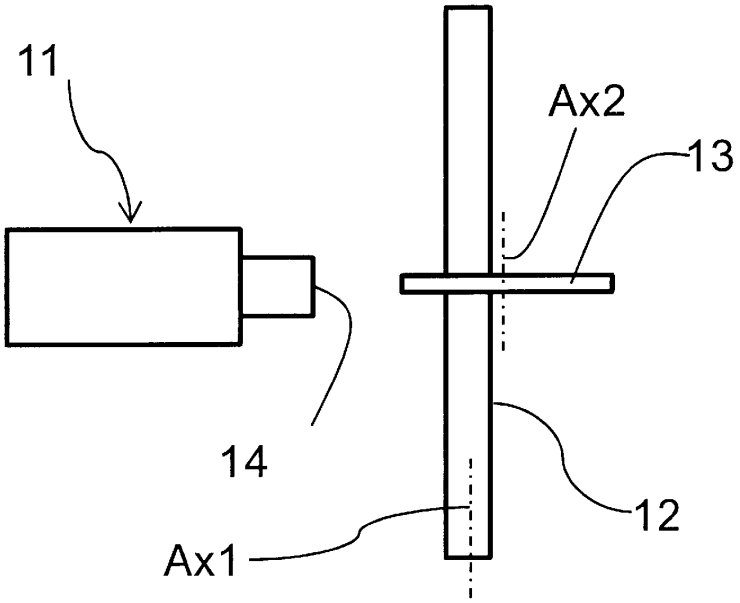
(a)


JEOL SEI 15.0kV ×1,000 10μm WD11mm

(b)

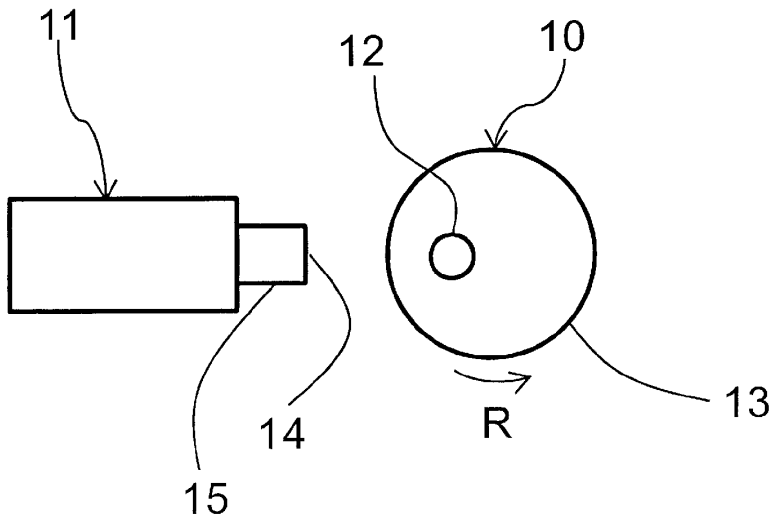

JEOL SEI 15.0kV ×1,000 10μm WD11mm

[図5]

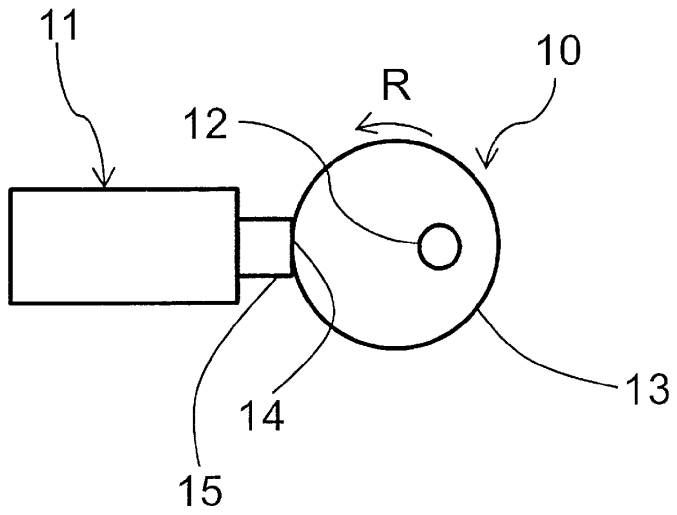


[図6]

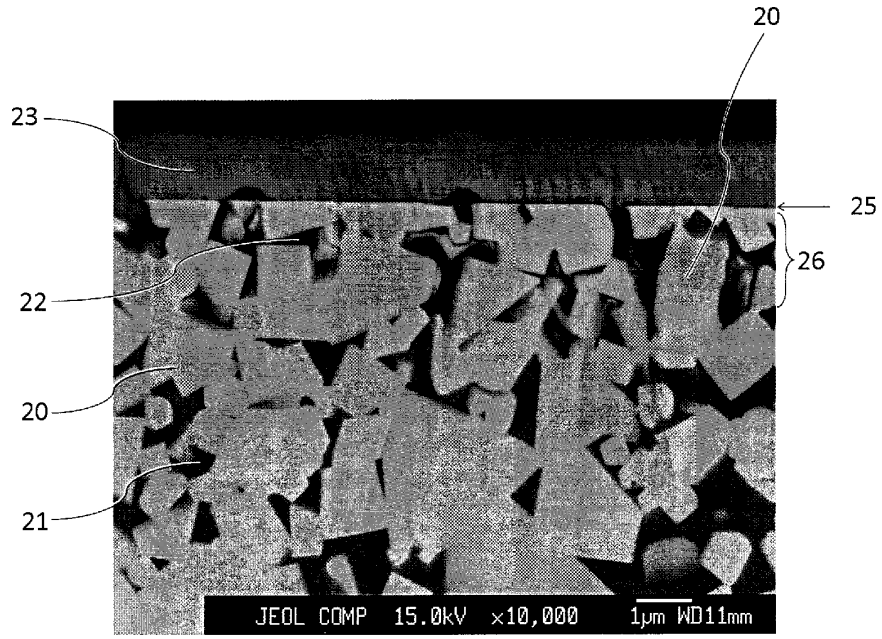
(a)



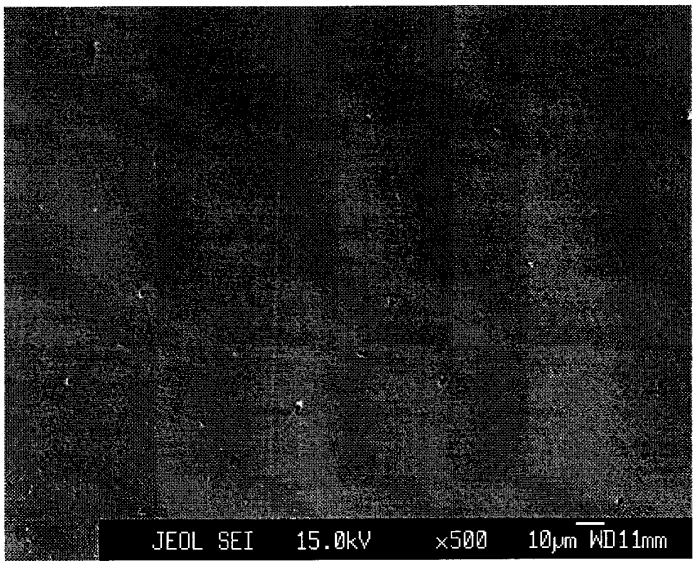
(b)



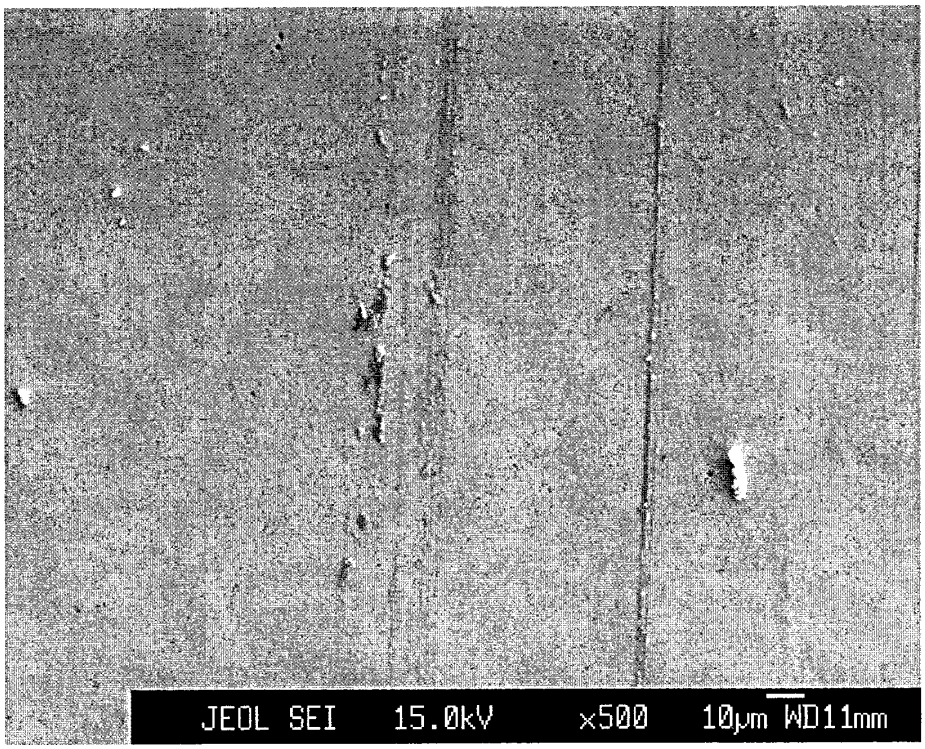
[図7]


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JEOL COMP 15.0kV ×10,000 1μm WD11mm

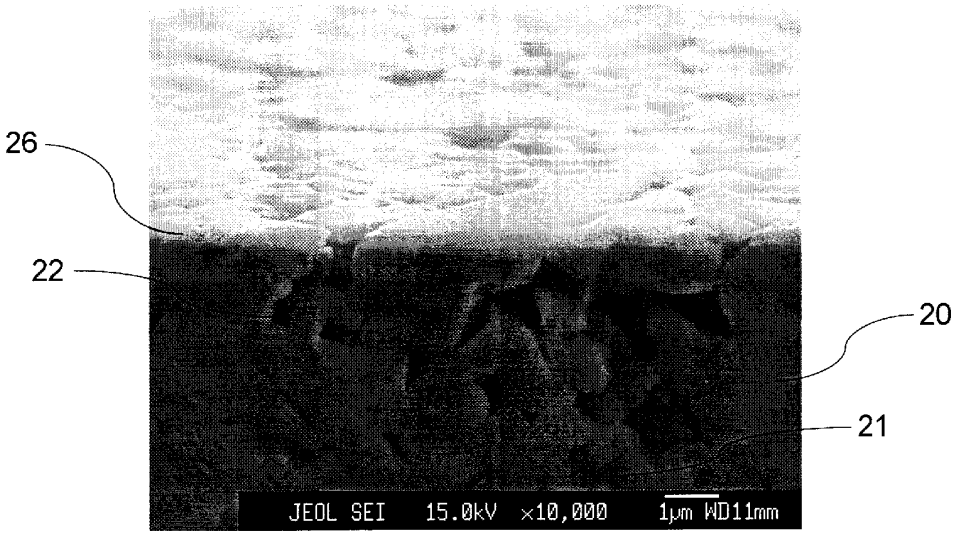
[図8]


JEOL SEI 15.0kV ×500 10μm WD11mm

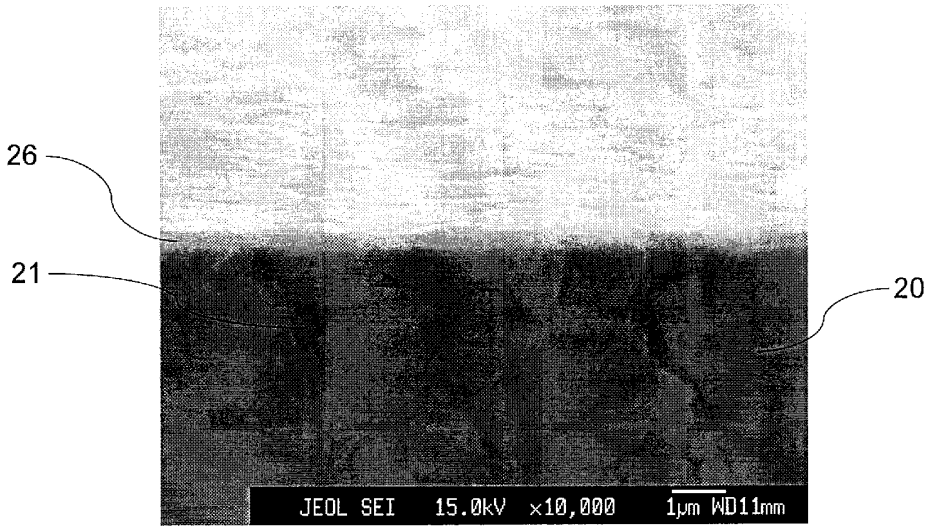
[図9]


JEOL SEI 15.0kV ×500 10μm WD11mm

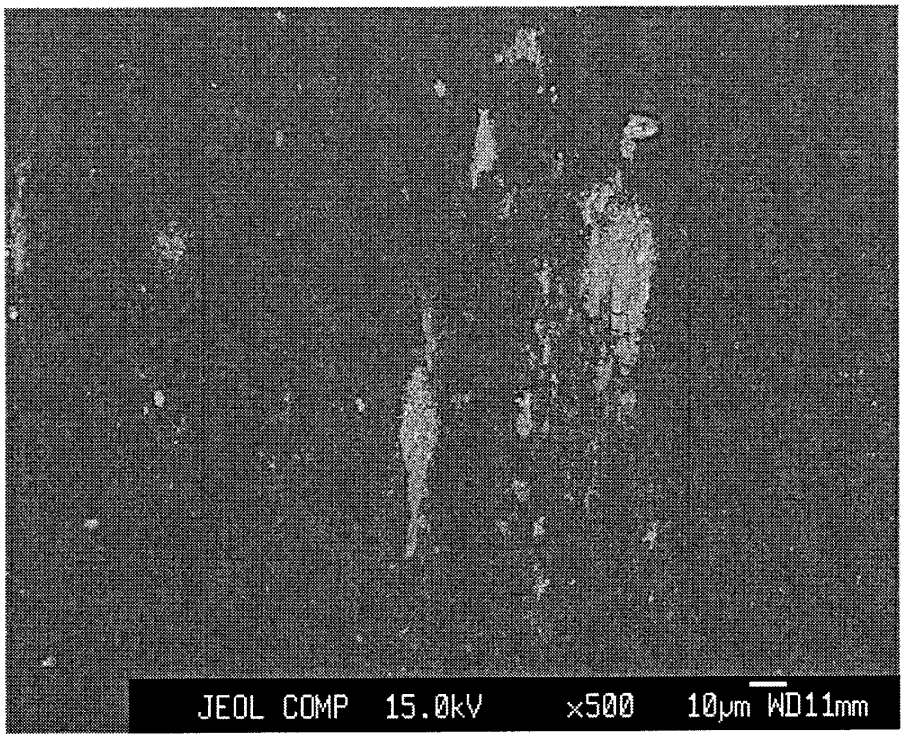
[図10]


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JEOL SEI 15.0kV ×10,000 1μm WD11mm

[図11]


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JEOL SEI 15.0kV ×10,000 1μm WD11mm

[図12]


JEOL COMP 15.0kV ×500 10μm WD11mm