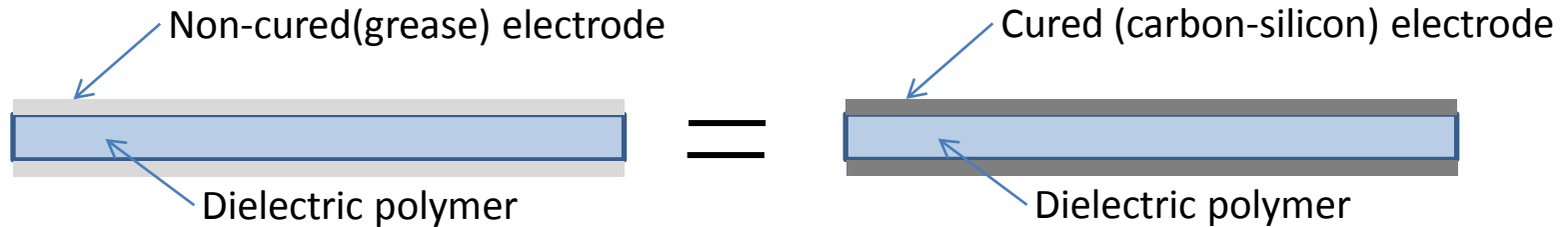


To reduce multi-layer base stiffness and make EAP stiffness functioning well

8th Mar 2013 A.Orita

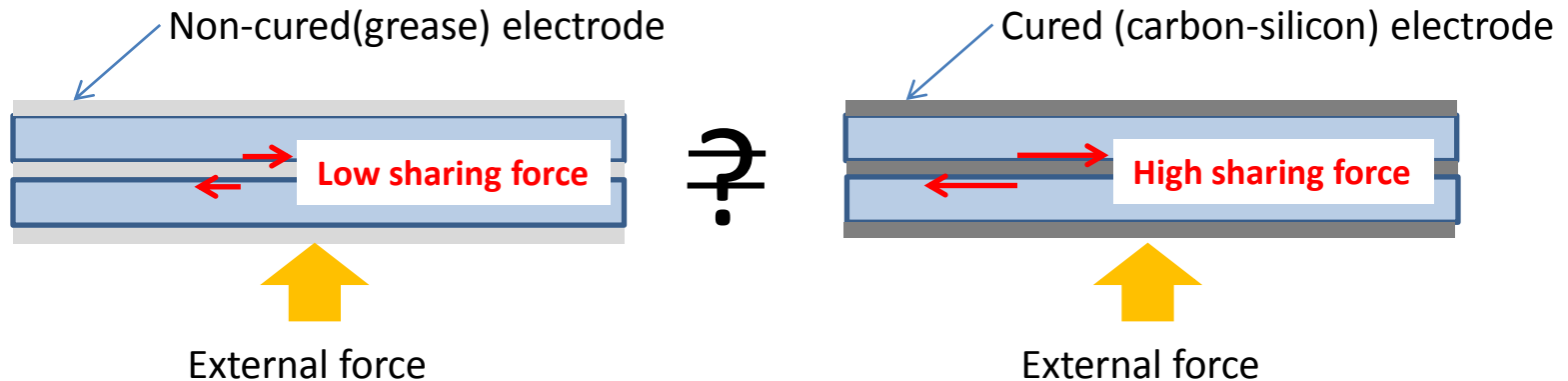
A result of our collaboration



Same mechanical character(Force/Displacement, Damping)



A question of multi-layer system

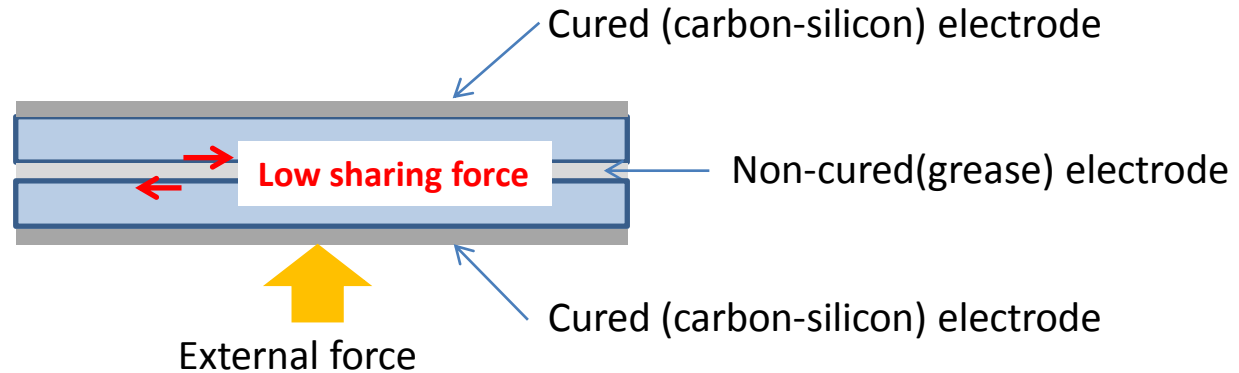


Same mechanical character?

My Opinion : Rigid electrode reduce the effect of EAP stiffness change.

To reduce multi-layer base stiffness and make EAP stiffness functioning well

Proposed test to analyze that (though fabrication process to make it is very complicated)



My Opinion : I guess this test will indicate sharing force in electrode prevent variable stiffness effect.