

What is claimed is:

1. A component in a CMP tool, the component comprising:  
a disk shaped body, the disk shaped body further comprising:  
a top surface;  
a bottom surface, wherein the bottom surface is substantially parallel to the top surface;  
an outer wall, the outer wall perpendicular to the bottom surface, wherein the outer wall further comprises:  
an outer diameter;  
a first end, the first end of the outer wall integral with the bottom surface; and  
a second end opposite the first end;  
an inner wall, the inner wall perpendicular to the top surface, wherein the inner wall further comprises:  
an inner diameter, wherein the inner diameter is less than the outer diameter;  
a first end; and  
a second end, the second end of the inner wall integral with the top surface;  
a ledge defined by the outer wall and the inner wall, the ledge perpendicular to the outer wall and the inner wall, wherein the ledge has a first end and a second end, the first end of the ledge integral to the second end of the outer wall, the second end of the ledge radially inward from the first end of the ledge, the second end of the ledge integrally connected with the first end of the outer wall, the second end of the outer wall radially inward from the first end of the outer wall, towards the top surface; and  
a hydrophobic layer deposited on the disk shaped body, the hydrophobic layer having a contact angle of between  $90^{\circ}$  and  $140^{\circ}$  when a fluid contacts a portion of disk shaped body.