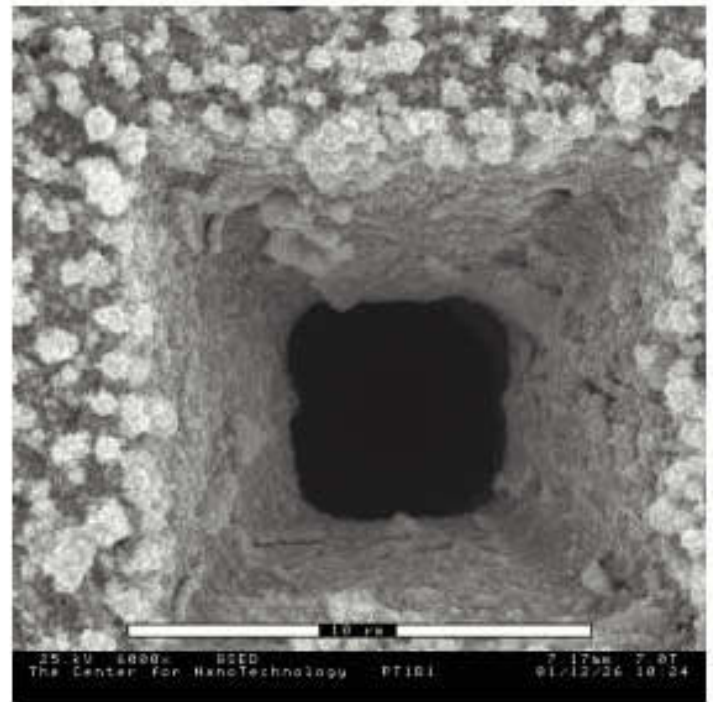
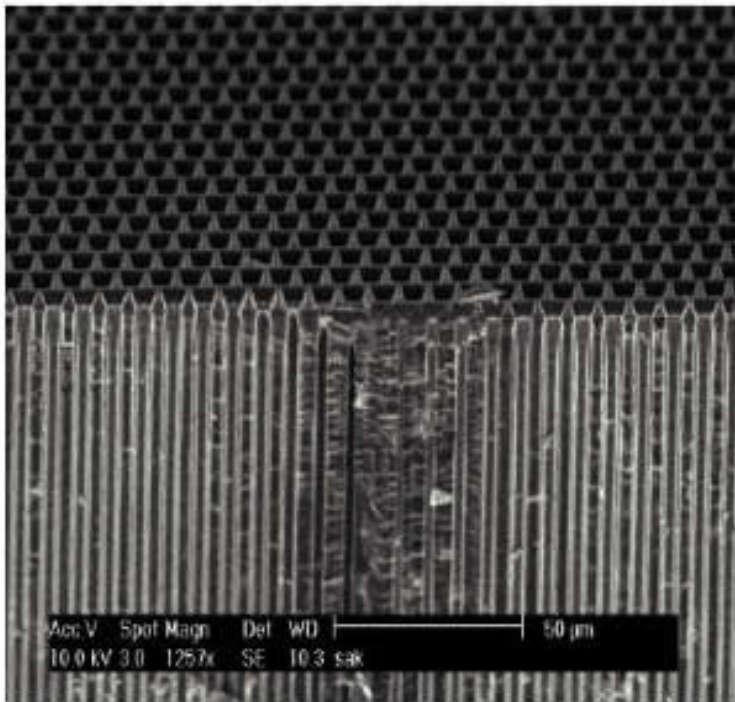


Figure 5



Neah Power Systems uses 3-D IC-lithography and -fabrication technology to give its silicon proton-exchange membranes surface areas at least an order of magnitude greater than those of equal-sized membranes that other methods use. Neah says that its direct-methanol fuel cells owe their outstanding performance to the membranes.