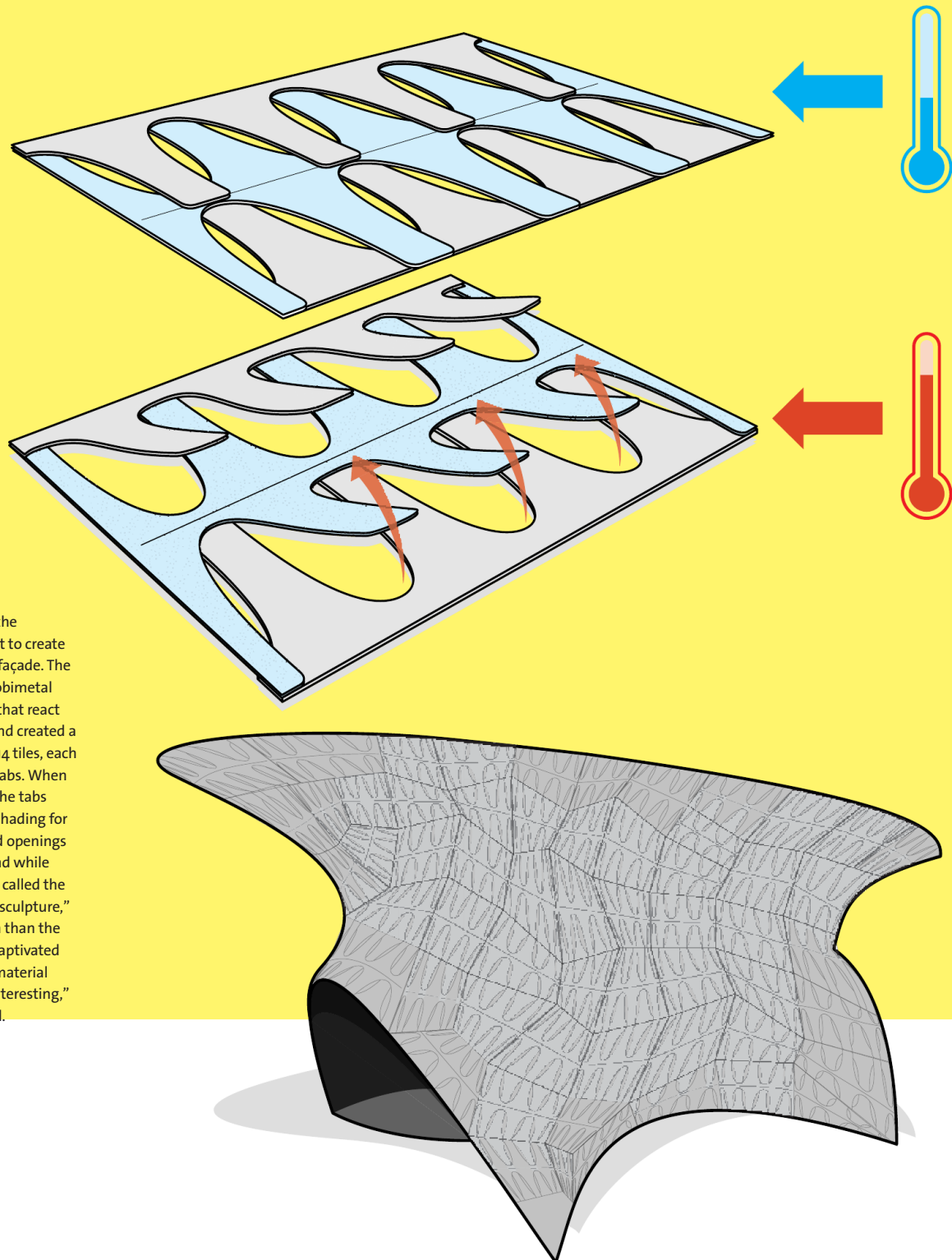


HONORABLE MENTION

BLOOM

Primary Investigator Doris Kim Sung, Assoc. AIA



In designing Bloom, the research team set out to create a zero-energy active façade. The team utilized thermobimetal (two layers of metal that react differently to heat) and created a pavilion covered in 414 tiles, each comprising bimetal tabs. When exposed to the sun, the tabs curl, providing both shading for the people inside and openings for hot air to vent. And while juror Martina Decker called the pavilion “a beautiful sculpture,” it was less the design than the research that really captivated the jury. “I find that material investigation to be interesting,” juror Gordon Gill said.