**Party Wall**, an interactive installation to be unveiled at Artists Space on March 9th, will create a variable boundary in the gallery, dividing visitors into different sides of a room. **Party Wall** will allow “neighbors” to dynamically modulate the thermal, acoustic and spatial qualities of a simple screen made with strips of foam, hung from wires in tension. In this initial prototype, proximity sensors embedded in horizontal bands of polyethylene foam will detect the presence of “neighbors” and trigger tiny servo motors, also embedded in the foam. The motors will exert tension on springs attached to the foam layers, causing variable compression and expansion, and resulting in varying apertures and densities of foam. Beyond raising issues of property and ownership in the gallery context, future iterations of **Party Wall** could respond to light, heat or sound, and correspondingly modulate optical, thermal or acoustic attributes of a wall.

Fabrication by nARCHITECTS.

Interactive design by:

Foam by: