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Ted Ashton* (ashted@uga.edu), Department of Mathematics, University of Georgia, Athens, GA 30602. *A Glimpse of Infinite-dimensional Tensegrities*. Preliminary report.

On February 16, 1965, artist Kenneth D. Snelson patented what he termed “Continuous Tension, Discontinuous Compression Structures.” Buckminster Fuller called them “Tensegrities” and so we know them today. In this talk I will explore briefly what it might mean to have a tensegrity with an infinite number of components. (Received September 26, 2006)