Harmony will simply not leave us alone. Contemporary composers, owing much to Harry Partch, have begun to take it seriously once more. Composers like Ben Johnston, James Tenney and Lou Harrison are rediscovering the fundamental "laws" of harmony as sources of musical ideas. Just harmonies (those whose tones are related to one another as relatively small ratios of their frequencies) have been a fruitful area for this renaissance.

The score below is a brief example of how traditional orchestral instruments (namely the strings) may be used to play these harmonies. What is presented is merely a tuning for three violins, three violas, three cellos and three basses; and the resulting just scale, formed by considering natural harmonics on all strings (up to the seventh harmonic, which is a reasonable performance limit.) The tuning here is one I am using in a large work "Systemic". 

**NOTES**

The prototype for this invention was a two-part invention written in the style of J.S. Bach, an exercise in counter-point, written for Peggy Sampson, 1976-1977. This exercise was created in a piano practice module at York University. I became so involved with its composition that I missed the last bus home and consequently had to spend the night sleeping behind the module. The piece was named *In Modulum* to commemorate this experience.

The present invention (below) is also constructed melodically in a modular fashion, presenting and manipulating thematic modules in the manner of Bach. Harmonically, the piece might be referred to as statistically tonal. Borrowing from the procedures of Milton Babbott, I utilized a series, certain transformations of which are related as members of hexacordally combinatorial families. As the piece develops, the set Johnnies to a system analogous to tonal modulation. In addition, the intervallic content of the set generates melodies which recall those of Western music of earlier eras.