

## Twelve Bean Groove Machine

*Twelve Bean Groove Machine* is a rhythmically driving, texturally busy piece that explores a variety of layering techniques with juxtaposed pairs of like instruments. The pairs of clarinets, trumpets, trombones, violins, and cellos tend to share material with their partner, either by playing the same or similar material in canon (one slightly after the other) or in parallel harmony (at the same time, but starting on different pitches). Throughout the piece, these pairs are juxtaposed and layered on top of one another in different ways, and their material is developed and passed off to other pairs. Against these pairings, the single piano lays down steady grooves that provide the rhythmic underpinnings of each section, and the single flute adds swirling filigree and wild improvisatory solos above. The unusual instrumentation was not decided ahead of time, but grew organically out of the layering process of the opening of the piece and the instrumental colors that seemed like they would best suit each layer as it was added. The work was premiered at the 2011 Switchboard Music Festival in San Francisco.