1106-37-200 **Jessica C Dyer*** (dyer3@uic.edu), 800 S. Wells St, APT 727, Chicago, IL 60607. *Bratteli diagrams for weak solenoids.*

A weak solenoid, in the sense of McCord and Schori, induces a minimal equicontinuous action of a finitely generated group G on a Cantor space X. We use the coding method for such actions, as developed in the paper "Homogeneous matchbox manifolds" in Transactions AMS, 2013 by Clark and Hurder, to construct an "almost finite presentation" representing (X, G). We then use this presentation to construct a Bratteli diagram with group actions that captures the partially homogeneous dynamics of weak solenoids.

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