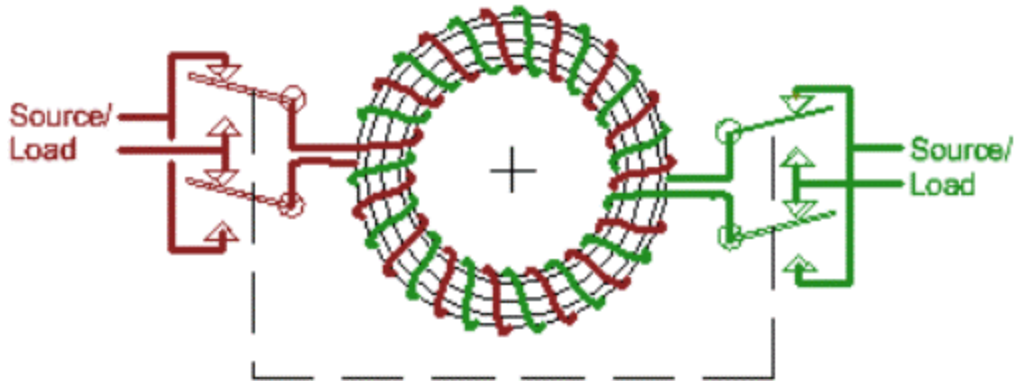


Summary – The DC Transformer Invention

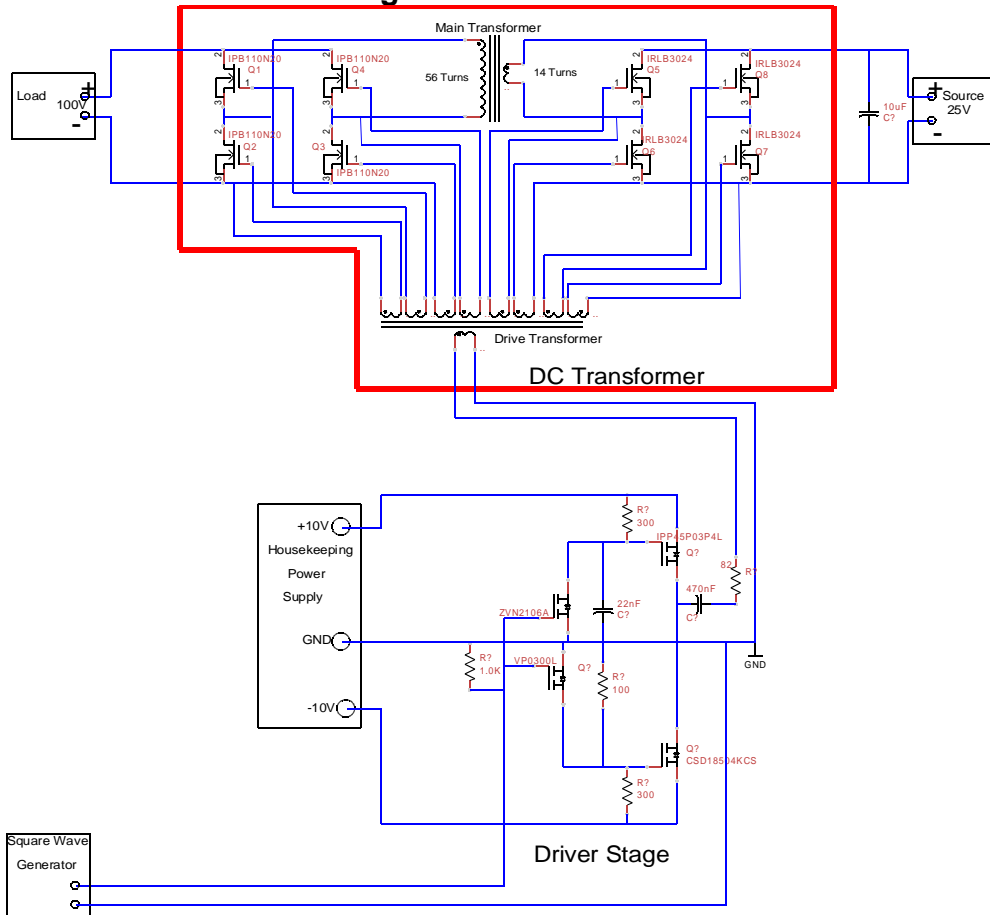
By Inventor Newton E. Ball – 02 March 2017

The Concept = A single sentence describes the concept: **If a driven array of switches reverses the connection of each winding of an ordinary AC Transformer, simultaneously and periodically, then the low frequency response of the Transformer, is thereby extended to include DC, and the array-transformer assembly is, in fact, a DC Transformer.**

Diagram of the concept -



Schematic of the first working model -



DC Transformer
Newt

Performance Test – The circuit above was constructed, using toroidal cores for the drive transformer, and main transformer. In operation, it successfully passed substantial power in both directions.

Plans – Efficiency and reflection speed measurements are postponed, awaiting construction on cores assembled from rectangular cores, on a printed board.