

Radiation-reaction System.

This disclosure sets forth a practical system for utilizing radiation-reaction forces for the production of motion.

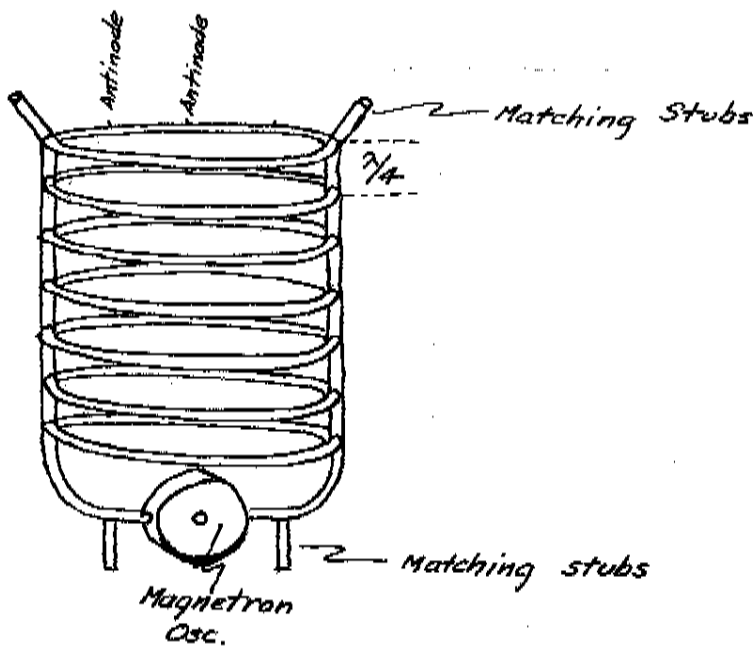


Fig. 1.

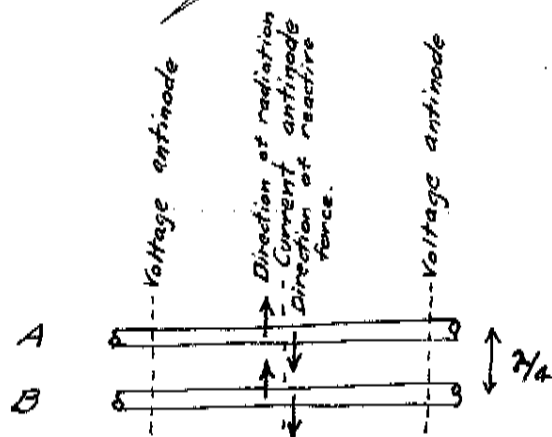


Fig. 2.

Current in B leads the current in A by 90° . Separation of conductors $\frac{1}{4}$ wavelength of frequency employed.

The method consists essentially of relating two or more conductors bearing high frequency standing waves to each other in proper magnetic relationships. A quarter-wave separation is suggested as an example. No exact method of matching is indicated here — merely the requirements as to the relative location of the antinodes — see Fig. 2.

Reaction forces are present, caused by the proper phasing of the current elements in adjacent current antinodes. These forces are in opposite direction to the H.F. electromagnetic radiation.

Witnesses as to signature and date.

Carlo Re 11-28-42

Victor T. Kozmin 11-28-42

Thomas Townsend Brown
11/28/42