applying a high voltage to said conductive elements of sufficient value to create a thrust force on said module inducing movement thereof.

9. The apparatus of claim **8**, wherein said rotor includes at least two blades and a said capacitor module is mounted on each of said blades.

10. A linear accelerator, comprising:

a support rail;

a capacitor module comprising a first conductive element having a cylindrical geometry and a first sliding electrical contact; a second conductive element axially spaced from said first conductive element and of a geometry of smaller axial extent than the first conductive element and having a second sliding electrical contact; and a dielectric element disposed between said first conductive element and said second conductive element so as to form the capacitor module;

a frictionless connection for connecting said capacitor module to said support rail for movement therealong; and a high voltage source, having first and second terminals connected respectively to said first and second sliding electrical contacts, for applying a high voltage to said conductive elements of sufficient value to create a thrust force on said module inducing movement thereof along the support rail.

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