

a. The complete program of research and experimentation proposed including description of equipment and theory of operation.

Experimentation of wireless controls for our medical high speed drill product line. The research will use the IEEE 802.15.4 wireless standard.

b. The specific objectives sought to be accomplished.

Develop a portable battery powered transmitter with a range of 10m operating in the 2.4GHz band and productize it.

c. How the program of experimentation has a reasonable promise of contribution to the development, extension, expansion or utilization of the radio art, or is along line not already investigated.

No such system exists in our portfolio.