

Sir A. W. Currie
McGill

1538 Edmonds St
Edmonds, B.C.
18 Jan'y 1921

Dear Sir

Attached is suggested Radio-mantel, my object in designing which has been to largely increase the heat from a given amount of fuel and at the same time retain the wholesome ventilating qualities of the open fire place.

Besides its very great economy in fuel it offers practically unlimited possibilities in form and ornamentation, from plain sheet iron to hammered brass or embossed copper; anything which is printed on paper may be stamped in metal.

In the more severe cold of eastern or prairie sections it might be desired to carry the heating surface clear to the ceiling, guiding the hot gases by staggered baffle plates.

While an entirely separate matter I have added my method of consuming the smoke by passing it through the fire and igniting it.

Yours Truly
D. C. Patterson