

July 28, 1905

Mr. Arthur E. Baggs

Marblehead, Mass.

My dear Arthur:-

I have received your letter of the 25th inst. In my judgment the question of the difference in the kilns is mainly that of capacity, and if the \$175 kiln is large enough for you, I see no reason why it should not be satisfactory. The round kiln is most durable and the easiest to manage, but it is the most expensive.

In regard to the glazes, I think there are two sources of trouble; the muffle is not properly ventilated; there should be an outlet for the vapors driven off in firing. Secondly the kiln is heated too fast in the early stages; the kiln ought to take twice as long getting red as progressing from redness to finish. Try firing more slowly in the early stages. Furthermore evidently you are suffering from short-fired biscuit. This is largely responsible for the crawling. When you get the new kiln and are able to fire the biscuit harder this will disappear.

Yours sincerely,

CFB/B.