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Aluminum Company of America

ALUMINUM RESEARCH LABORATORIES

POST OFFICE BOX 772

FRANCIS C. FRARY
DIRECTOR

New Kensington, Pa.

Sept. 24, 1941

Dr. Leroy U. Gardner, Director
Saranac Laboratory
Saranac Lake, N.Y.

Dear Dr. Gardner:

I enclose copy of our Drawing 41221-C, which shows the details of the construction which will be used in making the aluminum ball mill for you. This is a little different from the way which we planned to make it and the way which I understand it was made in Canada, but we had some material on hand from which we could make it most simply in this way.

You will note that what they have done is to spin two pans with flanges, cut off the bottoms and then weld the two cylinders together. This will give a very strong construction, and one which will balance better and run truer than if we tried to roll up sheet into a cylinder.

I think with this blue print your mechanical people could proceed with their construction without waiting to actually receive the mill, if you wish them to do so.

Sincerely yours,

FCF:ML

Encl.

Francis C. Frary

Director
Aluminum Research Laboratories
ALUMINUM COMPANY OF AMERICA