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Directors:

H. STUART EDDEN, O.B.E.

E. J. DUNSTAN, M.Sc., M.I.CHEM.E., F.INST.PET.

TELEPHONE:
TRAFFORD PARK
2651

TELEGRAMS:
REFINERY, ECCLES
MANCHESTER.

TWINING ROAD . TRAFFORD PARK
MANCHESTER 17

YOUR REF:

OUR REF: Physics/L/WCG

3rd August, 1953

Professor Costa Ribeiro,
Scientific Director,
The National Research Council,
Avenida Mareschal Camara 350,
Rio-de-Janeiro, BRAZIL.

Dear Professor Ribeiro,

We have the pleasure of a visit by Professor Gross who has just given to us an interesting talk on the Ribeiro effect and I should be very glad if you would kindly spare me a reprint of your paper.

As you know ice has a higher dielectric constant than water and the contact electrification is such that on separation the ice carries a positive charge and the water the corresponding negative charge. I wonder whether in the case of a material of comparatively low dielectric constant such as benzene a similar result would be obtained or whether you would find an inversion of the charge.

I should be glad to hear further from you in this connection.

Yours truly,

R. Schnürmann,
Chief Physicist.