

City Bell, May 26, 1973

Mr. Gordon Ray,
John Simon Guggenheim Memorial Foundation,
90 Park Avenue, New York, N.Y. 10016

Dear Mr. Ray:

On March 14, 1973, ended the term of the fellowship awarded to me by the John Simon Guggenheim Memorial Foundation. During the period March 15, 1972 - March 14, 1973, I have worked on the basis of the program I proposed when asking for the grant, namely, to study the application of the Analog Graphic Converter of my invention (Analog to Analog Programming Unit), designed to generate end elaborate musical sound.

I can say that the proposed objective has been accomplished, since the Analog Graphic Converter has been improved substantially. It was necessary to increase the reading speed of the A.G.C., avoiding, at the same time, the blurr effect. This was obtained by means of a stroboscopic procedure. The connection of the A.G.C. to a new synthesizer (an ARP 2600 granted to CLAEM by UNESCO) made it possible to produce two simultaneous courses of action, on two different parameters. The investigation is going on in order to add to the A.G.C. two additional channels to permit the composers generate more elaborate sound. For the moment, Gabriel Brncic, one of the composers in our Center, is utilizing the A.G.C. for his work, and fine students have recently began a course in which they will employ the A.G.C. for musical

composition and other experiencies.

I am glad to tell you that the journey I could make due to the fellowship gave me a unique opportunity to meet people who are working on the same subject, to visit electronic music studios in different countries, and to ~~contain~~ important sources of information, as well as to obtain some materials critical for my project. I have previously sent a report of my journey to Mr. James Mathias in a letter dated August 12, 1972. All this has improved my scientific capacity beyond the specific objective proposed for the fellowship.

I adjunct a statement as to how the funds were expended.

With all good wishes, I remain

yours sincerely,

Fernando von Reichenbach
12 - 856, City Bell
Argentina.

Statement about expenses from Fellowship

Preparation of materials referring to the Analog

Graphic Converter (16 mm. Film, magnetic tapes,
slides, etc.) :..... 600 US\$

Technical assistance..... 600 "

Clerical help 200 "

Sabbatic leave 1200 "

Acquisition of electronic equipment and components

(digital multimeter, special tape recorder,
integrated circuits and other hardware) 1700 "

Travel expenses:

Airplane tickets (two persons)..... 2300 "

Lodging and meals..... 1500 "

General expenses (telephone, mailing, transport-
ation other than plane)..... 900 "

TOTAL 9000 US\$