



STANFORD UNIVERSITY

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October 18, 1993

Mr. Nick Porcaro  
46 Belvedere Street  
San Francisco, CA 94117

Re: Consulting Agreement for Proposed Extensions to GraSP ("Work"), the Graphical Synthpatch Editor, to Aid in the Physical Modeling Synthesis Instrument Development of General MIDI Instruments (Stanford Docket S85-043A)

Dear Nick:

Stanford has reviewed your bid for the referenced Work. I am pleased to inform you that, contingent on your agreement to assign to Stanford University the Work, Stanford authorizes you to begin working on the extensions to GraSP on the following six-week schedule, based on 30 hours per week:

- Enhancement of real-time control features via MIDI (2 weeks).
- Development of new unit generators (synthesis building blocks) (3 weeks).
- Example patches exercising all new features and automated regression test suite (1 week).

We confirm your hourly rate to be \$40.

Stanford may independently decide at any time to terminate the consulting relationship.

Stanford will require bi-weekly progress reports sent directly to me. Invoices may be sent at the same time or within the same report. Reports and invoices must be written, and invoices must itemize time allocation. Substantial detail is not necessary, unless specifically requested. Demonstrations will be required, when appropriate.

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Technical questions should be addressed to Julius Smith. However, the primary reason you are being retained for this project is because it is my understanding that you will not require substantial amounts of his time. Please indicate if this is not true.

Deliverables must be in the form of machine readable C source code. Deliverables will be accepted either via electronic mail to Sputnik@leland.stanford.edu with a copy to JOS@CCRMA.stanford.edu, or on a Next floppy.

If this letter is acceptable to you, please sign and date below and return one original to me. I look forward to working with you and suggest we schedule a first progress meeting soon.

Sincerely,



Joe Koepnick  
Senior Associate

AGREED AND ACCEPTED:

Nick Porcaro      10-25-93  
Nick Porcaro      Date

cc: John Chowning  
Julius Smith  
Kathy Ku

JMK:kla