

PURCHASE REQUISITION

REQN. NO.

642523

CHECK ONE

S.U.
HOSPITALUNIVER-
SITY☐ ☒

ACCOUNT NO. (12 DIGITS)

022612-94627

N.Y. W.O. NO.

DEPARTMENT

SECY. PHONE EXT.

DELIVER TO (BLDG. & ROOM NO.)

FUND NO. (IF GOVT.
CONTRACT/GRANT)

TAXABLE?

ACCOUNT TITLE

DATE WRITTEN

DATE GOODS REQ'D.

☒ ☐

Comp. Music Project

10-22-76

ASAP

| VENDOR NAME | DELIVERY DATE | SHIP VIA | F.O.B. | CONFIRMING TO | TERMS | P.O.-B.O.R. NUMBER |
|-------------|---------------|---|---|---------------|-------|--------------------|
| A | | <input type="checkbox"/> SHIP PT. <input type="checkbox"/> DEST. | <input type="checkbox"/> YES <input type="checkbox"/> NO | | | P.O. B.O.R. |
| B | | <input type="checkbox"/> SHIP PT. <input type="checkbox"/> DEST. | <input type="checkbox"/> YES <input type="checkbox"/> NO | | | P.O. B.O.R. |
| C | | <input type="checkbox"/> SHIP PT. <input type="checkbox"/> DEST. | <input type="checkbox"/> YES <input type="checkbox"/> NO | | | P.O. B.O.R. |
| D | | <input type="checkbox"/> SHIP PT. <input type="checkbox"/> DEST. | <input type="checkbox"/> YES <input type="checkbox"/> NO | | | P.O. B.O.R. |

| ITEM NO. | QUANTITY | UNIT | CATALOG NO. & DESCRIPTION | ESTIMATED UNIT PRICE | UNIT PRICE | DONOT USE |
|---|----------|------|---|----------------------|------------|-----------|
| 1. | 8 | ea | 8136-WG3 (60 pattern PC boards) | \$120.25/ea | | |
| 2. | 6 | ea | 8136-WG203 (72 pattern PC boards) | \$151.75/ea | | |
| 3. | 3 | ea | 8136-WG12 (Universal pattern PC boards) | \$165.00/ea | | |
| 4. | 2 | ea | 8136-WG53 (Extender KIMM Cards) | \$113.75/ea | | |
| 5. | 15 | ea | 14005-14P1 (Female Connectors) | \$ 15.00/ea | | |
| 6. | 8 | ea | 4P26-1K36-1 (26 Lead Cable Assembly) | \$ 4.59/ea | | |
| 7. | 15 | ea | 2P16-1K36-1 (16 lead cable assembly) | \$ 2.59/ea | | |
| NOTE TO PURCHASING: Above prices per quote between Dick Moore and Len Doucet of Augat, Inc. With 3 weeks delivery promised. | | | | | | |
| TOTAL | | | | | | |

SUGGESTED
VENDOR

Augat, Inc.

33 Perry Avenue/P.O. Box 779
Attleboro, Massachusetts 02703VENDOR TO
ACKNOWLEDGE ☐ YES

REMARKS

Computer Sound Synthesizer Hardware

REQUESTED BY

Dick Moore/John Channing

DEPARTMENTAL APPROVAL

BUYER, PURCHASING DEPT.

642522



| | |
|--------------------|------|
| PURCHASE ORDER NO. | DATE |
| 041476.8 | 1/1 |

D.C. Power Lab (U-15 Area)

DATE GOODS REC'D _____

454

BUYER, PURCHASING DEPT

REQ'N NO. 642522

Location 5

L file cabinet
top drawer

folder "Chen OUT

Channing 1978

Jan - June "

May 22, 1978

Professor John Chowning
Center for Computer Research in Music and Acoustics
Artificial Intelligence Laboratory
Stanford University
Stanford, California 94305

Dear Professor Chowning:

The A.E.S. Convention was a smashing success for us, even though all we had there was music. I am taking the liberty of sending you a stereo copy of the quadraphonic demo we played in our show booth. This piece can be played in one pass on the COUPLAND. The people who composed and produced the demo on our engineering prototype tell me it represents only about 10% of the capabilities of a full blown production instrument.

Within two weeks we expect that the first pre-production unit will be playable, all packaged up in its space-age case. We are planning to take it to NAMM in Chicago, June 24, 1978. Before that happens, I would love you to be the first person, outside of our own little group, to see, hear and play the instrument, should you so desire. I would be more than happy to bring it to you, but I'm afraid there won't be sufficient time to do so before the Chicago Show. However, if you could visit us before the Chicago Show it would be great.

At any rate, we would be pleased to bring the instrument to you any time after the show at your convenience.

Thank you for your time and attention.

Very truly yours,



W. Ginalski, Director
Corporate Planning

WG/lk



DIGITAL SYNTHESIZER

STANFORD UNIVERSITY
STANFORD, CALIFORNIA 94305

CENTER FOR COMPUTER RESEARCH IN MUSIC AND ACOUSTICS
ARTIFICIAL INTELLIGENCE LABORATORY

Telephone:
415-497-4971

14 April 1978

Professor Hans Peter Haller
Heinrich-Strobel-Stiftung des Sudwestfunks e.V.
Experimentalstudio
7800 Freiburg-Gunterstall
Schauinslandstrabe 136

Dear Hans Peter:

You are certainly welcome to visit us at the time mentioned. Johannes is currently in Hannover for a short visit and I am not sure as to his return date. You should also write to Peter Samson at Systems Concepts, 524 Second Street, San Francisco, California 91340 to arrange to talk with him about interfacing the device to a system smaller than a PDP-10.

Best wishes,


John Chowning

JC:patte

HEINRICH-STROBEL-STIFTUNG DES SÜDWESTFUNKS E.V.

EXPERIMENTALSTUDIO

Heinrich-Strobel-Stiftung des Südwestfunks e.V. · Experimentalstudio
7800 Freiburg-Günterstal · Schauinslandstraße 136

Mr. John Chowning

Director Professor of Music
Center for Computer Research
in Music and Acoustics
Artificial Intelligence Laboratory
STANFORD UNIVERSITY
STANFORD, CALIFORNIA 94305
USA

Freiburg-Günterstal
Schauinslandstraße 136
Telefon (07 61) 2 91 31-34
Fernschreiber 0772507

Bankkonto:
Dresdner Bank AG
Filiale Baden-Baden 6 232 188

Ihre Zeichen

Ihre Nachricht

Unsere Zeichen

Datum

Ha/d.

5.4.1978

Dear John,

during our last meeting in Paris James A. Moorer told me that the digital Synthesizer is finished. As we are very interested in the project and as we would like to buy a Synthesizer of this kind at a later date, we would appreciate it very much to become acquainted with the instrument.

Between the 2nd and the 6th of May I would like to come with my engineer to San Francisco in order to get the above mentioned opportunity.

Do you think that during this time there will be a possibility for a demonstration of the instrument? I would of course also be very interested in working on my own for a few hours with the instrument. I am very sure that Johannes Goebel and John Strawn would be prepared to help me.

Please let me know as soon as possible whether our visit would suit you during the above mentioned time, so that we can order our tickets in time.

Yours sincerely



(Prof. Hans Peter Haller)

STANFORD UNIVERSITY
STANFORD, CALIFORNIA 94305

CENTER FOR COMPUTER RESEARCH IN MUSIC AND ACOUSTICS
ARTIFICIAL INTELLIGENCE LABORATORY

Telephone:
415-497-4971

16 March 1978

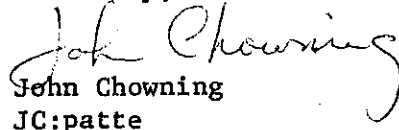
Gary Nelson
The Conservatory of Music
Oberlin College
Oberlin, Ohio 44074

Dear Gary:

I have asked the Music department to send you an application for the workshop. The Systems Concepts synthesizer is working well and I expect that everyone will be able to complete a sizable piece, from 1-4 channels, of arbitrary duration.

The document describing the synthesizer is undergoing updates and changes and, therefore, we can't, at the moment, send you a copy. The control format for the device, however, is essentially as that of Music V so you should have no difficulty in generating SCORE files. The instrument definition is a bit complex in that it is in the SAIL programming language, but it too can be easily learned. And, in view of your experience, I suspect you will have no trouble. We look forward to seeing you this summer.

Sincerely,


John Chowning
JC:patte

STANFORD UNIVERSITY
STANFORD, CALIFORNIA 94305

CENTER FOR COMPUTER RESEARCH IN MUSIC AND ACOUSTICS
ARTIFICIAL INTELLIGENCE LABORATORY

Telephone:
415-497-4971

10 February 1978

Maurice Wright
Apt. 3B
415 Riverside Drive
New York, New York 10025

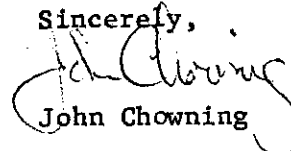
Dear Maurice Wright:

Sorry for the delay, but I have been terribly busy with acceptance tests for a new piece of equipment.

The piece about which you inquired is "STRIA". I am now working on some small changes in the piece and, unfortunately, I will not have completed them for another month or so.

Thank you for the offer to present it in any case.

Sincerely,


John Chowning

JC:patte

STANFORD UNIVERSITY
STANFORD, CALIFORNIA 94305

CENTER FOR COMPUTER RESEARCH IN MUSIC AND ACOUSTICS
ARTIFICIAL INTELLIGENCE LABORATORY

Telephone:
415-497-4971

24 February 1978

W. Ginalski
Director Corporate Planning
Micor
P.O. Box 20885
Phoenix, Arizona 85036

Dear Mr. Ginalski:

Thank you for your kind letter. I would be most interested in seeing Mr. Coupland's synthesizer. My prediction of a few years ago that computer-synthesis would eventually be realized in specialized portable devices is evidently at hand. Bravo!

Unfortunately, I will not be able to attend the conference in May, but it may be possible for me to get away for a couple of days late in March if that would be convenient for you.

Sincerely,

John Chowning

JC:patte

cc: R. Coupland

February 1, 1978

Professor John M. Chowning
Center for Computer Research in Music and Acoustics
Artificial Intelligence Laboratory
Stanford University
Stanford, CA 94305

Dear Professor Chowning:

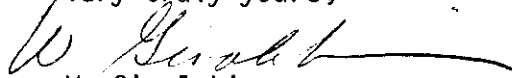
Your generosity in sharing part of your professional life with me last Monday, was for me at least, what professionalism in the arts, is all about. Many thanks for your indulgence, patience and contribution to my knowledge of digital music synthesis; also, for the exchange of ideas, and your warmth and graciousness.

With respect to one issue raised in our discussion, Rick Coupland has indicated to me that the MICOR/COUPLAND digital synthesizer does provide for reverberation in the generation of each tone and its harmonics. My understanding is that frequency, amplitude and time domains are all dealt with by the synthesizer. However, Rick will have to describe how this is done, if you have further interest.

Rick Coupland and I look forward to demonstrating the synthesizer to you at your convenience here in Phoenix. Also, in May we will demonstrate and introduce the synthesizer at the AES convention in Los Angeles. We would be pleased to see you in Phoenix before May or in Los Angeles then.

Again, many thanks for your time and interest. I would be pleased to know how I might assist you in the future in furthering the art of digital music synthesis.

Very truly yours,



W. Ginals
Director Corporate Planning

cc R. Coupland

