

THE UNIVERSITY OF CHICAGO  
CHICAGO 37 • ILLINOIS  
BUSINESS MANAGER • SPECIAL PROJECTS  
5801 ELLIS AVENUE

December 11, 1952

Re: Contract N6ori-02038  
Amendment No. 1

Office of Naval Research  
Department of the Navy  
Washington 25, D. C.

Attention: Contracts Section  
Code 265

Gentlemen:

Transmitted herewith, executed on behalf of  
the University, are two (2) copies of Amendment No. 1  
to Contract N6ori-02038.

The third signed copy has been retained for  
our files.

Very truly yours,

W. B. Harrell  
Business Manager

Enclosures

cc: ONR/Chicago

cc w/encl: Dr. Leo Szilard ✓  
Dr. G. V. LeRoy  
Mr. C. E. Short  
Mr. W. L. Thaggard

DEPARTMENT OF THE NAVY  
OFFICE OF NAVAL RESEARCH  
WASHINGTON 25, D. C.

CONTRACT NUMBER: N6ori-02038  
AMENDMENT NUMBER: 1

ONR:262:RWC:bs  
N6ori-02038  
(Biological Sciences  
Division)

1 Dec 1952

The University of Chicago

Chicago, Illinois

Gentlemen:

It is the desire of the Government and the Contractor that, since the research under this Task Order is to be carried on under Contract Nonr-1059(00), provision be made for the transfer of patent rights under this Task Order to Contract Nonr-1059(00) and for the inclusion of the final report required under this Task Order as part of the final report required under Contract Nonr-1059(00). In consideration of the Contractor currently entering into Contract Nonr-1059(00), said Task Order N6ori-02038 is hereby amended as follows:

1. Delete Section E in its entirety and substitute in lieu thereof the following:

"SECTION E - Upon completion of the work required under Contract Nonr-1059(00), the work under this Task Order (N6ori-02038) shall be included as part of the final report required under Contract Nonr-1059(00)."

2. Add the following new Section:

"SECTION N - It is understood and agreed, notwithstanding any provision of the contract to the contrary, that under Section 20 of the contract, entitled 'Patent Rights,' all rights and obligations of the parties with respect to inventions, improvements, discoveries, patents, copyrights, and other matters covered by said Section 20, including the obligation to take the action required by Section 20(c), arising under this Task Order N6ori-02038, shall, from and after 1 January 1953, be regarded as though they had arisen under Contract Nonr-1059(00) and shall be governed by Section 20 of said Contract Nonr-1059(00) to the same extent as similar rights and obligations arising under said Contract Nonr-1059(00)."

This amendment makes no change in the estimated cost of Task Order N6ori-02038.

CONTRACT NUMBER: N6ori-02038  
AMENDMENT NUMBER: 1

If the foregoing is acceptable to you, please indicate your acceptance thereof by executing the enclosed two (2) copies of this letter, and return them to the Office of Naval Research, whereupon this letter and your acceptance thereof will constitute this an amendment to the above numbered Task Order.

Sincerely yours,

/s/ R. H. Hefler  
R. H. HEFLER  
LCDR, SC, USN  
Contracting Officer  
Office of Naval Research  
Department of the Navy

ACCEPTED THE UNIVERSITY OF CHICAGO WITNESSES:  
(Contractor)

By /s/ W. B. Harrell  
W. B. Harrell  
TITLE Business Manager

(1) \_\_\_\_\_

(2) \_\_\_\_\_

NOTE: In the case of a corporation witnesses are not required but certificate below must be completed.

#### CERTIFICATE

I, Howard H. Moore, certify that I am the Secretary of the Board of Trustees of the corporation named as Contractor in the foregoing amendment; that W. B. Harrell, who signed said amendment on behalf of the Contractor was then Business Manager of said corporation; that said amendment was duly signed for and in behalf of said corporation by authority of its governing body and is within the scope of its corporate powers.

/s/ Howard H. Moore  
(Signature of person certifying)

(CORPORATE SEAL)

THE UNIVERSITY OF CHICAGO

DATE February 5, 1952

TO Mr. J. I. Kirkpatrick

DEPARTMENT Comptroller

FROM W. B. Harrell

DEPARTMENT Business Manager

IN RE:

Transmitted herewith is typed copy of Contract No. N6ori-02038, which provides funds in the amount of \$8,834 to cover a study of the growth, adaptation, and mutation of bacteria and bacterial viruses carried out with new biophysical methods during the period January 1, 1952 to December 31, 1952 by Dr. Leo Szilard.

Will you assign an account to this project and budget the available funds as follows:

Personnel

Assistant Professor (A. Novick), $\frac{1}{2}$ time	\$3,000	
Secretary, part time	600	
Research assistant, 9/16 time	<u>1,800</u>	\$5,400
Overhead (46% of above)		2,484
Annuity (5%, Novick)		150
Expendable Supplies (glassware, chemicals, etc.)		500
Travel		<u>300</u>
		<u>\$8,834.</u>

Enc.

cc: Dr. Leo Szilard  
 Dr. H. T. Davies  
 Dr. George LeRoy  
 Mr. C. E. Short

THE UNIVERSITY OF CHICAGO  
CHICAGO 37 • ILLINOIS  
BUSINESS MANAGER • SPECIAL PROJECTS  
5801 ELLIS AVENUE

January 29, 1952

Re: Contract N6ori-02038

Department of the Navy  
Office of Naval Research  
Washington 25, D. C.

Gentlemen:                Attention: R. H. Hefler  
                                                LCDR, SC, USN  
                                                Contracting Officer  
                                                Code 265

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We return herewith executed on behalf of The University of Chicago two (2) copies of the above referenced Contract N6ori-02038.

The third signed copy has been retained for our files.

Very truly yours,

W. B. Harrell  
Business Manager

Enc.

cc: ONR/Chicago  
Attn: John O. Richardson  
Head, Contract Administration

cc (w/enc): Dr. H. T. Davies  
                  Dr. Leo Szilard  
                  Dr. George V. LeRoy  
                  Mr. C. E. Short

RESEARCH AND DEVELOPMENT TASK ORDER

CONTRACTOR: The University of Chicago  
AUTHORITY: NR 119-221/11-13-51 (Biological Sciences Division)  
APPROPRIATION: 17X1317.20 Research Navy (Expenditure Account 46000)  
(Object Classification 079) Program Number 41000  
ESTIMATED COST: \$8,834.00

This Task Order is established under, and constitutes a part of, Contract N6ori-20, which sets forth the basic contract provisions applicable hereto. In case of any conflict between the provisions of said Contract N6ori-20 and the provisions hereof, the latter shall control.

SECTION A - The Contractor shall furnish the necessary personnel and facilities for and, in accordance with any instructions issued by the Technical Officer or his authorized representative, shall conduct research on a biophysical approach to the problems of bacterial growth and bacterial genetics. Such research shall include, but not necessarily be limited to, an investigation of the growth, adaptation, and mutation of bacteria and bacterial viruses carried out with new biophysical methods involving the use of an apparatus called the "chemostat."

SECTION B - The Technical Officer under this Task Order is the Head, Physiology Branch, Biological Sciences Division, Office of Naval Research.

SECTION C - The estimated cost of the performance of this Task Order is eight thousand eight hundred thirty four dollars (\$8,834.00).

SECTION D - The percentage to be applied with respect to this Task Order in accordance with the provisions of Section 4(a)(1)(H) of the contract shall be a provisional percentage of forty six percent (46%).

SECTION E - The Contractor shall submit final reports upon completion of work hereunder, making full disclosure of all research conducted, and shall submit such other reports as are reasonably required by the Technical Officer.

SECTION F - The Contractor, in connection with the performance of this Task Order, shall not employ any persons undergoing sentences of imprisonment at hard labor which have been imposed by courts of the several states, territories or municipalities having criminal jurisdiction.

CONTRACT NUMBER: N6ori-02038

SECTION G - The Contractor agrees that there will be delivered under this contract only such unmanufactured articles, materials, and supplies (which term "articles, materials, and supplies" is hereinafter referred to in this clause as "supplies") as have been mined or produced in the United States, and only such manufactured supplies as have been manufactured in the United States substantially all from supplies mined, produced, or manufactured, as the case may be, in the United States. Pursuant to the Buy American Act (41 U. S. Code 10 a-d), the foregoing provision shall not apply (i) with respect to supplies excepted by the Secretary from the application of that Act, (ii) with respect to supplies for use outside the United States, (iii) with respect to the supplies to be delivered under this contract which are of a class or kind determined by the Secretary or his duly authorized representative not to be mined, produced, or manufactured, as the case may be, in the United States in sufficient and reasonably available commercial quantities and of a satisfactory quality, or (iv) with respect to such supplies, from which the supplies to be delivered under this contract are manufactured, as are of a class or kind determined by the Secretary or his duly authorized representative not to be mined, produced, or manufactured, as the case may be, in the United States in sufficient and reasonably available commercial quantities and of a satisfactory quality, provided that this exception (iv) shall not permit delivery of supplies manufactured outside the United States if such supplies are manufactured in the United States in sufficient and reasonably available commercial quantities and of a satisfactory quality.

SECTION H - In addition to the requirements set forth in Section 3 of the contract, entitled "Subcontracts and Purchase Orders," the Contractor shall give advance notification to the Contracting Officer or his authorized representative before entering into any subcontract or purchase order incident to the performance of this Task Order which

(1) is on a cost or cost-plus-fixed-fee basis, or

(ii) is on a fixed-price basis exceeding in dollar amount \$25,000.00 or 5% of the total estimated cost of this Task Order.

SECTION I - In the event the work under this Task Order is terminated in whole, or from time to time in part, at the option of the Government, pursuant to the provisions of Section 15 of the contract entitled "Termination by the Government," the Government shall, notwithstanding the provisions of paragraph (c) of such Section, reimburse the Contractor for the costs and expenses specified in subparagraphs (1), (2), and (3) of paragraph (d) of such Section to the extent that such provisions may be applicable to the work hereunder.

SECTION J - In the event that the work under this Task Order is terminated in whole, or from time to time in part, at the option of the Government, pursuant to the provisions of Section 15 of the contract, the Government shall

CONTRACT NUMBER: N6ori-02038

not be obligated to pay to the Contractor any amount for anticipatory profits resulting from the termination or cancellation of any subcontract or order relating to this Task Order.

SECTION K - The Contractor agrees to provide instructions with respect to work to be performed under this Task Order to Naval Personnel assigned by the Department of the Navy and acceptable to the Contractor.

SECTION L - The Contractor agrees to participate in the cost of this Task Order to the extent of providing the services of the Project Director, Dr. Leo Szilard (or whosoever other than Dr. Szilard may be designated as Project Director with the approval of the Technical Officer), without charge to said Task Order.

SECTION M - The performance of work under this Task Order shall commence on 1 January 1952, and shall be completed on 31 December 1952.



CONTRACT NUMBER: N6ori-02038

This negotiated Task Order is entered into pursuant to the provisions of Section 2(c)1 of the Armed Services Procurement Act of 1947 (Public Law 413, 80th Congress), and any required determination and findings with respect thereto has been made.

IN WITNESS WHEREOF the parties hereto have executed this Task Order as of the day and year first above written.

UNITED STATES OF AMERICA

By /s/ R. H. Hefler

R. H. HEFLER  
LCDR, SC, USN  
Contracting Officer  
Office of Naval Research  
Department of the Navy

WITNESSES:

(1) \_\_\_\_\_

THE UNIVERSITY OF CHICAGO

(Contractor)

(2) \_\_\_\_\_

By /s/ W. B. Harrell

W. B. Harrell

NOTE: In the case of a corporation witnesses are not required but certificate below must be completed.

Title Business Manager

5801 S. Ellis Ave., Chgo 37, Ill.

(Business address of Contractor)

CERTIFICATE

I, Howard H. Moore, certify that I am the Secretary of the Board of Trustees of the corporation named as Contractor in the foregoing Task Order; that W. B. Harrell who signed said Task Order on behalf of the Contractor was then Business Manager of said corporation; that said Task Order was duly signed for and in behalf of said corporation by authority of its governing body and is within the scope of its corporate powers.

/s/ Howard H. Moore

(Signature of person certifying)

(CORPORATE SEAL)

Chicago, Illinois MAY 29 1953

The University of Chicago

Attn: The Bursar  
5801 Ellis Avenue, Chicago 37, Illinois  
3-3250-00-1746 - Invoice No. 5A

Net

December, 1952 Reimbursable costs incurred for the research and development and services specified in the contract

1,909 59

BY [Signature] Regional Controller

BY [Signature] Assistant Controller

THE UNIVERSITY OF CHICAGO

(See Reverse Side)

N6ori-02038

1/1/52

1903-17-0203

11/23

(see reverse side)

We certify that the above bill is correct and just and that payment therefor has not been received.

We further certify that the personal services and the supplies, equipment, materials, etc., listed hereon were required by and were used in the performance of the work under the contract referred to on this voucher and that payments have been made of all amounts for which reimbursements are hereby claimed; that the amounts claimed for personal services involving part time work, determined from a distribution of wages for the period indicated to be directly chargeable to the United States under the provisions of the contract referred to on this voucher, are true and correct and that payments of these amounts have been made to all employees whose wages are included in the distribution; that payrolls, procurement records, invoices and requisitions concerned will be kept for a period of five years after final settlement under this Task Order, subject to inspection upon request by authorized representatives of the United States Government; and that no individual items costing \$50 or more have been included in the subtotals and totals of charges for which no itemizations or evidentiary substantiations are furnished; and that the research provided for in said contract has been conducted in accordance with the terms thereof during that part of the period specified therein to which the costs stated in this voucher are applicable.

THE UNIVERSITY OF CHICAGO

By /s/ W. L. Thaggard, Assistant Comptroller

By /s/ W. B. Harrell, Business Manager

associated in the contract  
research and development and salaries  
December 3

1903 20

not

I certify that to the best of my knowledge the personal services and supplies, equipment, materials, etc., for which reimbursements are claimed by the contractor on this voucher were required by and used in the performance of the work under the contract referenced.

3-352  
1903 11/23

THE UNIVERSITY OF CHICAGO

CHICAGO, ILLINOIS

NOV 23 1903

UNIVERSITY OF CHICAGO

THE UNIVERSITY OF CHICAGO  
 EXPENDITURES UNDER CONTRACT NO. N60R1-02038  
 FOR THE MONTH(S) OF Dec-1952 THRU MARCH 1953

SALARIES & WAGES:

NAME	TITLE	CHECK NO.	PERIOD OF SERVICE FROM	THRU	RATE	UNITS WORKED	PREMIUM TIME	AMOUNT	TOTAL FOR PERIOD
468 Aaron Kovich	Asst. Professor	15679	12/1	12/31/52	250	1 MO.			250.00
Total									250.00
44.47% of salaries									111.19
Annuitants									
Aaron Kovich			11/1	11/30/52				12.50	
"			12/1	12/31/52				12.90	
Total Annuitants									25.40
Total of items shown on page 1									377.39
Miscellaneous from the University									
Total of items shown on page 1									377.39
Historical from the University									
Total of items shown on page 1									
Total of items shown on page 1									
10/2/52 256	Ed.		13x16	16x16	25		.54	135.34	
11/2/52 144	Ed.						1.38	54.72	
Total of items shown on page 1									45.36
4/16/52 12	Ed.						4.36	52.32	
Total of items shown on page 1									77.55
11/19/52 36	Ed.						1.47	50.76	
Total of items shown on page 1									81.42
11/4/52 24	Ed.						2.05	56.40	
Total of items shown on page 1									75.00
Total of items shown on page 1									
2/19/53 39.5	Ed.						3.00	115.50	
11/11/52 31.5	Ed.						3.00	94.50	
Total of items shown on page 1									36.00
Total of items shown on page 1									249.00
Total of items shown on page 1									608.31
Total of items shown on page 1									1482.38
Total of items shown on page 1									331
Total of items shown on page 1									1925.48

5-1 ✓

CONTRACT NO.: N6ori - 02038  
TASK ORDER NO.:

PATENT DISCLOSURE CERTIFICATE

The undersigned hereby certifies that he is the Principal Investigator under the above-referenced task order and has supervised all experimental, developmental and research work carried on under such task order; that he has examined all records (including notebooks and reports) maintained or prepared in the performance of said task order, and that to the best of his knowledge and belief, the following and only the following inventions, improvements and discoveries which reasonably appear to be patentable were conceived or first reduced to practice (i) in the performance of said task order, or (ii) in the performance of research or development work relating to the subject matter of said task order which was done upon the understanding that such task order would be awarded:

<u>Inventor</u>	<u>Title or Description of Invention, Improvement or Discovery</u>
Aaron Novick and Leo Szilard	Caffeine containing products and method for their preparation. None.


The undersigned further certifies that the following schedule identifies, by the inventor, title and date of filing, all inventions, improvements or discoveries conceived or made as aforesaid for which patent applications have heretofore been filed:

<u>Inventor</u>	<u>Title of Invention</u>	<u>Patent Application No.</u>	<u>Date of Filing</u>
Aaron Novick and Leo Szilard	"Caffeine containing products and method for their preparation."	320,816	Nov. 15, 1952

I further state, with the qualifications contained in the attached sheet, the following:

In connection with the within disclosure, it is understood and agreed (a) that all of the foregoing inventions, improvements or discoveries (whether or not patentable) are the sole and exclusive property of the Government, subject only to a non-exclusive, irrevocable and non-transferable royalty-free license reserved to the University of Chicago and to the inventor, and (b) that the inventor will execute and deliver to the Contracting Officer such documents as may be required (1) to effect an assignment of the patent application to the Government, and (2) to permit the Government to prosecute same.

Dated at Chicago, Illinois, this 5th day of March, 1953.

  
\_\_\_\_\_  
Principal Investigator

\_\_\_\_\_  
Co-Inventor

The undersigned filed a patent application under the title "Caffeine containing products and method for their preparation", application N.320,816, on November 15, 1952. We are represented by Wilkinson, Huxley, Byron and Hume, First National Bank Bldg., Chicago 3, Ill.

We would not have filed this application without first discussing the matter with the ONR, had we been aware of the fact that under the contract with the ONR the University has assumed certain obligations regarding inventions made by staff members.

We are listing now this invention and enclosing a copy of the specification, in order to permit the ONR to determine whether this invention constitutes a "subject invention" in the terms of the contract and whether it wishes to claim it as property of the Government. We ourselves are not able to make this determination, but shall be glad to supply all the information necessary to the ONR to decide this point.

If by determination of the ONR the invention is claimed as a "subject invention" and if we are so advised within six months, we shall consider this invention as the property of the Government as set forth in the Patent Disclosure Certificate which is attached.


If the ONR finds that it needs more than six months to make this determination, we shall be glad to extend this period - as often as we are requested to do so - each time for an additional period of two months.

We should appreciate however to be informed as soon as possible whether or not the ONR wants to claim this invention as property of the Government, because we cannot prosecute the patent application any further from here on until we know whether the invention is our property or the Government's property. Also by October 15, 1953 we would have to know whether or not we are free to file foreign applications.

If more information is needed to enable the ONR to determine whether the invention is a "subject invention" we shall be glad to discuss the matter with a representative of the ONR. At this time we merely wish to state the following:

The invention relates to the effect of caffeine containing products on mamalian tissue cells. No experiments were made under the ONR contract on this subject. But because the invention is based on insight which is derived from experiments on bacteria which were in part supported by the ONR contract, we do not feel free to say that the invention is not a "subject invention" under the terms of the contract and wish to leave this to the determination of the ONR. The scope of the relevant experiments which were carried out with bacteria under the contract can be seen from the enclosed reprint of a paper which appeared in Nature.

Chicago, Ill. March 5, 1953



Chicago, Illinois

The University of Chicago

JUN 16 1952

5801 Ellis Avenue, Chicago 37, Illinois  
3-3250-00-1746 Inv. No. 2

net

N6ori-  
02038

May,  
1952

Reimbursable costs incurred for research  
and development and services specified  
in the contract.

(See Contractor's Invoice for Certificate)

N6ori-02038

1/1/52

CONTRACTOR'S STATEMENT OF COST INCURRED *May 31, 1952*

	<i>5/11-5/31/52</i>	Period to Date
Labor . . . . .	401.25	2,006.25
Overhead . . . . .	184.58	922.88
Annuities . . . . .	12.50	50.00
Materials & Services: Purchases . . . . .	90.82	148.73
: Withdrawals from Stores . . . . .	.	.
Equipment: Purchases . . . . .	.	.
: Withdrawals from Stores . . . . .	.	.
Travel Expense . . . . .	120.54	120.54
Communications . . . . .	.	.
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Total Cost . . . . .	809.69	3,248.40
Deduct: Payments Received thru <i>MAY 31, 1952</i>	.	- 0 -
Net Amount of this Invoice No. <i>?</i>	809.69	3,248.40

CERTIFICATE OF CONTRACTOR

We certify that the above bill is correct and just and that payment therefor has not been received.

We further certify that the personal services and the supplies, equipment, materials, etc., listed hereon were required by and were used in the performance of the work under the contract referred to on this voucher and that payments have been made of all amounts for which reimbursements are hereby claimed; that the amounts claimed for personal services involving part time work, determined from a distribution of wages for the period indicated to be directly chargeable to the United States under the provisions of the contract referred to on this voucher, are true and correct and that payments of these amounts have been made to all employees whose wages are included in the distribution; that payrolls, procurement records, invoices and requisitions concerned will be kept for a period of five years after final settlement under this Task Order, subject to inspection upon request by authorized representatives of the United States Government; and that no individual items costing \$50 or more have been included in the subtotals and totals of charges for which no itemizations or evidentiary substantiations are furnished; and that the research provided for in said contract has been conducted in accordance with the terms thereof during that part of the period specified therein to which the costs stated in this voucher are applicable.

THE UNIVERSITY OF CHICAGO

By */s/ Arthur Lincoln*, Assistant Comptroller  
By */s/ W. B. Harrell*, Business Manager



THE UNIVERSITY OF CHICAGO

EXPENDITURES UNDER CONTRACT NO. N6001-02038

FOR THE MONTH(S) OF MAY 1 THRU MAY 31, 1952

SALARIES & WAGES:

2-1

NAME	TITLE	CHECK NO.	PERIOD OF SERVICE		RATE	UNITS WORKED	PREMIUM TIME	AMOUNT	TOTAL FOR PERIOD	✓	
			FROM	THRU							
50% Aaron Novick	Asst. Prof.	94029	5/1	5/31/52	250.00	1 Mo.		250.00			
55% Hugo T. Victoreen	Biologist	92071	"	"	151.25	1 "		151.25			
TOTAL SALARIES								401.25			
ALLOWANCE FOR OVERHEAD - FORTY SIX PERCENT OF SALARIES - \$401.25 @ 46%								184.58			
ANNUITY PREMIUMS							TOTAL	12.50			
A. NOVICK			4/1 - 4/30/52								
PURCHASES FROM OUTSIDE VENDORS - ITEMS LISTED SUPPORTED BY CERTIFIED TRUE COPIES OF VENDOR'S INVOICES											
DATE	P.O. NO.	CHECK NO.	VENDOR								
5/16/52	26134	81574	NUTRITIONAL BIOCHEMICALS CORP					65.83			
							TOTAL ITEMS LESS THAN \$50	24.99			
							TOTAL MATERIALS & SERVICES	90.82			
TRAVEL EXPENSE - EACH LISTED ITEM SUPPORTED BY A CERTIFIED TRUE COPY OF VENDOR'S INVOICE											
A. NOVICK			4/28 - 5/12/52					120.54			
TOTAL AMOUNT OF THIS INVOICE AS SHOWN ON PAGE 1								809.69			

*Navy Bacterial Virus*

We certify that the above bill is correct and that payment therefor has not been received.

We further certify that the personal services and the supplies, equipment, materials, etc. stated herein were furnished by and were used in the performance of the work under the contract referred to on this voucher and that payments have been made of all amounts for which reimbursements are hereby claimed; that the amounts claimed for personal services involving part time work determined from a distribution of wages for the period indicated to be directly chargeable to this contract.

Chicago, Illinois APR 30 1953

The University of Chicago  
Attn: The Bureau  
5801 S. Ellis Ave. Chicago 37, Illinois  
3-3250-00-1746

THE UNIVERSITY OF CHICAGO

Net

By: Assistant Comptroller

By: Special Agent

Dec. 1952 Reimbursable costs incurred for research  
thru and development and services specified  
March 1953 in contract.

1,925 48

(See Reverse Side)

N6ORI-02038

1/1/52

*Mr. Leo Szilard  
R. I. 308 0*

EXPENDITURES UNDER CONTRACT NO. N6001-02038  
 FOR THE MONTH(S) OF MAY 1 THRU MAY 31, 1952

SALARIES & WAGES:

2-1

NAME	TITLE	CHECK NO.	PERIOD OF SERVICE FROM	THRU	RATE	UNITS WORKED	PREMIUM TIME	AMOUNT	TOTAL FOR PERIOD	✓	
50% AARON NOVICK	Asst. Prof.	94029	5/1	5/31/52	250.00	1 Mo.			250.00		
55% HUGO T. VICTOREEN	Biologist	92071	"	"	151.25	1 "			151.25		
TOTAL SALARIES									401.25		
ALLOWANCE FOR OVERHEAD - FORTY SIX PERCENT OF SALARIES - \$401.25 @ 46%									184.58		
ANNUITY PREMIUMS											
A. NOVICK			4/1 - 4/30/52						TOTAL	12.50	
PURCHASES FROM OUTSIDE VENDORS - ITEMS LISTED SUPPORTED BY CERTIFIED TRUE COPIES OF VENDOR'S INVOICES											
DATE	P.O. NO.	CHECK NO.	VENDOR					AMOUNT			
5/16/52	26134	81574	NUTRITIONAL BIOCHEMICALS CORP					65.83			
							TOTAL ITEMS LESS THAN \$50	24.99			
TOTAL MATERIALS & SERVICES									90.82		
TRAVEL EXPENSE - EACH LISTED ITEM SUPPORTED BY A CERTIFIED TRUE COPY OF VENDOR'S INVOICE											
A. NOVICK			4/28 - 5/12/52						120.54		
TOTAL AMOUNT OF THIS INVOICE AS SHOWN ON PAGE 1									809.69		