

CHICAGO OFFICE
MARSHALL FIELD ANNEX BUILDING

RADIUM CHEMICAL COMPANY INC.

1 EAST 42ND STREET
NEW YORK

RADIUM SALES DEPARTMENT
RADIUM LEASING DEPARTMENT

February 14, 1939



Dr. Leo Szilard
King's Crown Hotel
420 West 116th Street
New York, N. Y.

Dear Dr. Szilard:

Referring to our negotiations thus far for rental of approximately one gram of radium for physical experiments with gamma rays:

Before consummating the lease, will you be kind enough to have Dr. Wigner, or some other member of the faculty at Princeton University, state that some of the experiments will actually be conducted under the direction of the Physics Department of the University.

Our Board feels that we should have some such assurance, particularly to satisfy the insurance underwriters, of your own reliability and that the radium will have proper safeguards while out of our possession.

Yours very truly,

J. P. Kearney
Sales Manager

HBK:TD

RENTAL CHEMICAL COMPANY INC.

publ. m... [Handwritten signature]

NEW YORK

February 14, 1939

Dr. J. S. ...
King's Crown Hotel
480 West 118th Street
New York, N. Y.

Dear Dr. Sillard:

Referring to our negotiations thus far for rental of approximately one gram of radium for physical experiments with gamma rays:

Before commencing the lease, will you be kind enough to have Dr. ... or some other member of the faculty at Princeton University, state that some of the experiments will actually be conducted under the direction of the physics department of the University.

Our Board feels that we should have some such assurance, particularly to assure the insurance underwriters of your own reliability and that the radium will have proper safeguards while out of our possession.

Yours very truly,

[Handwritten signature]
Sales Manager

HBK:TD

RADIUM CHEMICAL COMPANY, INC.

1 EAST 42ND STREET, NEW YORK

PACKING AND DELIVERY NOTE OF MATERIAL SENT TO

Dr. Leo Szilard
c/o Physics Building - Columbia University
120th Street and Broadway
New York City

DATE March 2, 1939

| ORDER No. | QUANTITY | DESCRIPTION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|--|-----------------------|--------------------------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|
| | 18 | <p>Iridium-platinum tubes, each hermetically enclosing a approximately 50-mgms. of radium element. Tubes have typical dimensions of 30 mm. length by 2.3 mm. diameter, with walls of 0.5 mm. thickness. The list below shows the serial numbers engraved on the respective tubes and the radium content as determined by measurement made at National Bureau of Standards, Washington, D.C.:</p> <table style="margin-left: auto; margin-right: auto; border: none;"> <thead> <tr> <th style="text-align: center;"><u>Serial No.</u></th> <th style="text-align: center;"><u>Mgms. Radium.</u></th> </tr> </thead> <tbody> <tr><td style="text-align: center;">36</td><td style="text-align: center;">50.27</td></tr> <tr><td style="text-align: center;">37</td><td style="text-align: center;">50.10</td></tr> <tr><td style="text-align: center;">42</td><td style="text-align: center;">50.36</td></tr> <tr><td style="text-align: center;">43</td><td style="text-align: center;">50.26</td></tr> <tr><td style="text-align: center;">51</td><td style="text-align: center;">50.31</td></tr> <tr><td style="text-align: center;">55</td><td style="text-align: center;">50.45</td></tr> <tr><td style="text-align: center;">58</td><td style="text-align: center;">50.21</td></tr> <tr><td style="text-align: center;">60</td><td style="text-align: center;">50.49</td></tr> <tr><td style="text-align: center;">63</td><td style="text-align: center;">50.56</td></tr> <tr><td style="text-align: center;">65</td><td style="text-align: center;">50.36</td></tr> <tr><td style="text-align: center;">67</td><td style="text-align: center;">50.18</td></tr> <tr><td style="text-align: center;">71</td><td style="text-align: center;">50.41</td></tr> <tr><td style="text-align: center;">72</td><td style="text-align: center;">50.47</td></tr> <tr><td style="text-align: center;">73</td><td style="text-align: center;">50.47</td></tr> <tr><td style="text-align: center;">75</td><td style="text-align: center;">50.30</td></tr> <tr><td style="text-align: center;">76</td><td style="text-align: center;">50.35</td></tr> <tr><td style="text-align: center;">79</td><td style="text-align: center;">50.26</td></tr> <tr><td style="text-align: center;">80</td><td style="text-align: center;">50.43</td></tr> </tbody> </table> <p>The 18 tubes described above are in a metal cylinder supplied by you and soldered by our mechanic on</p> | <u>Serial No.</u> | <u>Mgms. Radium.</u> | 36 | 50.27 | 37 | 50.10 | 42 | 50.36 | 43 | 50.26 | 51 | 50.31 | 55 | 50.45 | 58 | 50.21 | 60 | 50.49 | 63 | 50.56 | 65 | 50.36 | 67 | 50.18 | 71 | 50.41 | 72 | 50.47 | 73 | 50.47 | 75 | 50.30 | 76 | 50.35 | 79 | 50.26 | 80 | 50.43 |
| <u>Serial No.</u> | <u>Mgms. Radium.</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36 | 50.27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | 50.10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42 | 50.36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 43 | 50.26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 51 | 50.31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55 | 50.45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58 | 50.21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60 | 50.49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 63 | 50.56 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 65 | 50.36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 | 50.18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | 50.41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | 50.47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | 50.47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | 50.30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | 50.35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | 50.26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | 50.43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

March 1st.

RECEIVED BY Leo Szilard

CHECKED BY Geo. Thomas

ONE COPY OF THIS FORM SHOULD BE PROMPTLY SIGNED AND RETURNED TO
RADIUM CHEMICAL COMPANY, INC.

CHICAGO OFFICE
MARSHALL FIELD ANNEX BUILDING

RADIUM CHEMICAL COMPANY INC.

1 EAST 42ND STREET
NEW YORK

RADIUM SALES DEPARTMENT
RADIUM LEASING DEPARTMENT

March 28, 1939

Dr. Leo Szilard
King's Crown Hotel
420 West 116th Street
New York, N. Y.

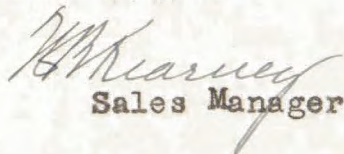
Dear Dr. Szilard:

Referring to telephone conversation with you on March 22, at which time you informed us that Dr. Tuve is anxious to secure 900 to 1000 milligrams of radium for experiments in the Department of Research in Terrestrial Magnetism of the Carnegie Institution of Washington, Washington, D. C.

It would be impossible to make an arrangement such as you mentioned on a month to month basis with minimum period of one month. We have been pleased, however, to write to our principals in Brussels to know whether they would be willing to make the same arrangement as was made for you on the 900-milligram quantity, i.e., minimum period three months, with right to continue on month month basis thereafter and with payment to be made at rate of 6% per annum on the value of the radium at \$25.00 per milligram, plus insurance.

We have asked our Brussels people to cable us on receipt of our letter, and we shall have an answer for you within the next week, we believe.

Yours very truly


Sales Manager

HBK:MB

RADIUM CHEMICAL COMPANY INC.

1 EAST 42ND STREET

NEW YORK

TELEPHONE
VANDERBILT 3-2811

CHICAGO OFFICE
MARSHALL FIELD ANNEX BUILDING

April 17, 1939

Dr. Leo Szilard
Kings Crown Hotel
420 W. 116th Street
New York, N. Y.

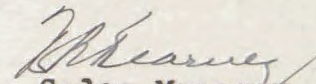
Dear Dr. Szilard:

I called your Hotel last week and left word with the telephone operator to have you call me as soon as possible. We had received cable from our principals in Brussels regarding the Carnegie Institute in Washington and I was anxious to convey this decision to you.

Our principals are willing to make for the Carnegie Institute of Washington the same arrangement as made for you, i.e., to lease 900 or 1000 milligrams of radium in 50 milligram iridium-platinum tubes already in our possession; the lease to be on a month to month basis with minimum period of three months, and rental payment to be made to us at the rate of 6% per annum on the value of the radium at \$25 per milligram, plus insurance.

If your friend, Dr. Tuve, is further interested, we should be glad to hear from you.

Yours very truly,


Sales Manager

HBK:TD

CHICAGO OFFICE
MARSHALL FIELD ANNEX BUILDING

RADIUM CHEMICAL COMPANY INC.

570 LEXINGTON AVENUE
~~EAST 42ND STREET~~

NEW YORK

RADIUM SALES DEPARTMENT
RADIUM LEASING DEPARTMENT

June 2, 1939

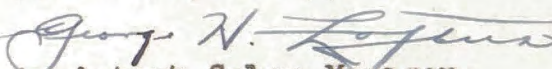
Dr. Leo Szilard
c/o Physics Bldg. Columbia University
120th Street and Broadway
New York City.

Dear Dr. Szilard:

At your convenience, will you please be good enough to sign and return the attached packing note covering the 27 iridium-platinum tubes, each hermetically enclosing approximately 50 milligrams, delivered to you when you called at our office on May 29th.

We ask you to do this to complete our record of delivery and to conform to our insurance regulations.

Yours very truly,


Assistant Sales Manager.

GHL:KC.
Enc.

RADIUM CHEMICAL COMPANY, INC.

570 LEXINGTON AVENUE
~~1 EAST 42ND STREET,~~ NEW YORK

PACKING AND DELIVERY NOTE OF MATERIAL SENT TO

Dr. Leo Szilard
c/o Physics Bldg-Columbia University
120th Street and Broadway
New York City

DATE May 29, 1939

| ORDER No. | QUANTITY | DESCRIPTION | | | | | | | | | | | | | | | | | | | | |
|-----------------------|-------------------------|--|-----------------------|-------------------------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|--|-----------------|
| | | <u>Page #2</u> | | | | | | | | | | | | | | | | | | | | |
| | | <table><thead><tr><th data-bbox="623 810 737 872"><u>Serial No.</u></th><th data-bbox="1005 810 1127 872"><u>Mgms. Radium</u></th></tr></thead><tbody><tr><td>61</td><td>50.39</td></tr><tr><td>64</td><td>50.41</td></tr><tr><td>66</td><td>50.24</td></tr><tr><td>68</td><td>50.30</td></tr><tr><td>69</td><td>50.26</td></tr><tr><td>70</td><td>50.21</td></tr><tr><td>77</td><td>50.16</td></tr><tr><td>78</td><td>50.29</td></tr><tr><td></td><td><u>1,353.86</u></td></tr></tbody></table> | <u>Serial No.</u> | <u>Mgms. Radium</u> | 61 | 50.39 | 64 | 50.41 | 66 | 50.24 | 68 | 50.30 | 69 | 50.26 | 70 | 50.21 | 77 | 50.16 | 78 | 50.29 | | <u>1,353.86</u> |
| <u>Serial No.</u> | <u>Mgms. Radium</u> | | | | | | | | | | | | | | | | | | | | | |
| 61 | 50.39 | | | | | | | | | | | | | | | | | | | | | |
| 64 | 50.41 | | | | | | | | | | | | | | | | | | | | | |
| 66 | 50.24 | | | | | | | | | | | | | | | | | | | | | |
| 68 | 50.30 | | | | | | | | | | | | | | | | | | | | | |
| 69 | 50.26 | | | | | | | | | | | | | | | | | | | | | |
| 70 | 50.21 | | | | | | | | | | | | | | | | | | | | | |
| 77 | 50.16 | | | | | | | | | | | | | | | | | | | | | |
| 78 | 50.29 | | | | | | | | | | | | | | | | | | | | | |
| | <u>1,353.86</u> | | | | | | | | | | | | | | | | | | | | | |

RECEIVED BY _____ CHECKED BY _____

ONE COPY OF THIS FORM SHOULD BE PROMPTLY SIGNED AND RETURNED TO
RADIUM CHEMICAL COMPANY, INC.

RADIUM CHEMICAL COMPANY, INC.

570 LEXINGTON AVENUE
~~1 EAST 42ND STREET~~, NEW YORK

PACKING AND DELIVERY NOTE OF MATERIAL SENT TO

Dr. Leo Szilard
 c/o Physics Bldg.-Columbia University
 120th Street and Broadway
 New York City

DATE **May 29, 1939**

| ORDER No. | QUANTITY | DESCRIPTION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|-----------------|--|---------------|-----------------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|
| | 27 | <p>Iridium-platinum tubes, each hermetically enclosing approximately 50-mgms. of radium element. Tubes have typical dimensions of 30 mm. length by 2.3 mm. diameter, with walls of 0.5 mm. thickness. The list below shows the serial numbers engraved on the respective tubes and the radium content as determined by measurement made at National Bureau of Standards, Washington, D. C. -</p> <table style="margin-left: auto; margin-right: auto; border: none;"> <thead> <tr> <th style="text-align: center; border-bottom: 1px solid black;">Serial No.</th> <th style="text-align: center; border-bottom: 1px solid black;">Mgms. Radium</th> </tr> </thead> <tbody> <tr><td style="text-align: center;">31</td><td style="text-align: center;">50.30</td></tr> <tr><td style="text-align: center;">32</td><td style="text-align: center;">50.42</td></tr> <tr><td style="text-align: center;">33</td><td style="text-align: center;">50.23</td></tr> <tr><td style="text-align: center;">34</td><td style="text-align: center;">50.34</td></tr> <tr><td style="text-align: center;">35</td><td style="text-align: center;">50.21</td></tr> <tr><td style="text-align: center;">38</td><td style="text-align: center;">50.52</td></tr> <tr><td style="text-align: center;">39</td><td style="text-align: center;">50.55</td></tr> <tr><td style="text-align: center;">40</td><td style="text-align: center;">47.85</td></tr> <tr><td style="text-align: center;">41</td><td style="text-align: center;">50.35</td></tr> <tr><td style="text-align: center;">45</td><td style="text-align: center;">50.45</td></tr> <tr><td style="text-align: center;">46</td><td style="text-align: center;">50.26</td></tr> <tr><td style="text-align: center;">47</td><td style="text-align: center;">50.24</td></tr> <tr><td style="text-align: center;">48</td><td style="text-align: center;">50.35</td></tr> <tr><td style="text-align: center;">49</td><td style="text-align: center;">50.11</td></tr> <tr><td style="text-align: center;">50</td><td style="text-align: center;">50.35</td></tr> <tr><td style="text-align: center;">52</td><td style="text-align: center;">50.18</td></tr> <tr><td style="text-align: center;">53</td><td style="text-align: center;">48.06</td></tr> <tr><td style="text-align: center;">54</td><td style="text-align: center;">50.32</td></tr> <tr><td style="text-align: center;">59</td><td style="text-align: center;">50.51</td></tr> </tbody> </table> | Serial No. | Mgms. Radium | 31 | 50.30 | 32 | 50.42 | 33 | 50.23 | 34 | 50.34 | 35 | 50.21 | 38 | 50.52 | 39 | 50.55 | 40 | 47.85 | 41 | 50.35 | 45 | 50.45 | 46 | 50.26 | 47 | 50.24 | 48 | 50.35 | 49 | 50.11 | 50 | 50.35 | 52 | 50.18 | 53 | 48.06 | 54 | 50.32 | 59 | 50.51 |
| Serial No. | Mgms. Radium | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | 50.30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | 50.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | 50.23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34 | 50.34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 | 50.21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38 | 50.52 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 | 50.55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | 47.85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41 | 50.35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45 | 50.45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46 | 50.26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 | 50.24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48 | 50.35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 49 | 50.11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | 50.35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52 | 50.18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 53 | 48.06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 54 | 50.32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 59 | 50.51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

RECEIVED BY _____ CHECKED BY _____

ONE COPY OF THIS FORM SHOULD BE PROMPTLY SIGNED AND RETURNED TO
 RADIUM CHEMICAL COMPANY, INC.

STATEMENT

RADIUM CHEMICAL COMPANY, INC.

570 LEXINGTON AVENUE

NEW YORK

June 5, 1940

Dr. Leo Szilard
c/o Physics Building
Columbia University
120th St. & Bway, N.Y.C.

TERMS NET CASH

| DATE | | CHARGE | CREDIT | BALANCE |
|-----------------|-----------------------|----------|--------|----------|
| 1940 | Radium Sales Dept. | | | |
| Feb. 21 | | \$120.83 | | \$120.83 |
| PAST DUE | | | | |

STATEMENT

RADIUM CHEMICAL COMPANY. INC.

1 EAST 42ND STREET

NEW YORK

April 29, 1939

Dr. Leo Szilard
Physics Building
Columbia University
120th Street and Broadway
New York City

TERMS NET CASH

| DATE | Radium Sales Dept. | CHARGE | CREDIT | BALANCE |
|--------|-----------------------|---------|--------|---------|
| Mch. 6 | | \$40.28 | | \$40.28 |

AGREEMENT OF LEASE

Made and entered into this 29th day of May, 1939, by and between RADIUM CHEMICAL COMPANY, INC., a corporation organized and existing under the laws of the State of New York, having its office in the City of New York, said State, hereinafter called the "Lessor," and of the City of New York, State of New York, hereinafter called the "Lessee";

WITNESSETH, that the Lessor hereby agrees to lease and demise to the Lessee and the Lessee hereby agrees to lease and hire from the Lessor, ^{Thirteen hundred fifty (1350)} ~~sixteen hundred (1600)~~ milligrams of radium element in the form of sulphate salt (hereinafter referred to as the "leased radium") upon the following terms and conditions, viz:

L. G. S. J. M.

1: This agreement shall be considered as a lease commencing on the 29th of May 1939 and not exceeding a total term of one month.

2: Delivery of the leased radium shall be made by the Lessor to the Lessee on or before the commencement of the term hereof in thirty-two (32) iridium-platinum tubes of the Rigaud type, each tube containing approximately fifty (50) milligrams of radium element; such tubes are engraved with serial numbers, 31, 32, 33, 34, 35, 38, 39, 40, 41, ~~44~~, 45, 46, 47, 48, 49, 50, 52, 53, 54, ~~56~~, ~~57~~, 59, 61, ~~62~~, 64, 66, 68, 69, 70, ~~74~~, 77 and 78, respectively; dimensions of said tubes are as follows:

L. G. S. J. M.

External length 30.0 mm.
External diameter 2.3 mm.
Wall thickness 0.5 mm.

At the time of delivery, the Lessor shall furnish its certificates to the Lessee certifying to the quantity of radium element delivered, and said quantity shall be not less than ^{Thirteen hundred} ~~Sixteen hundred~~ ⁽¹³⁵⁰⁾ ~~(1600)~~ milligrams of radium element.

L. G. S. J. M.

3: The Lessee, without notice or demand by the Lessor, shall pay to the Lessor the following rent:

Three hundred (\$300.00) dollars in advance on day of delivery.

4: The leased radium and containers shall be insured by and for the benefit of the Lessor in the full insurable value thereof against all risks of loss or damage to the said leased radium and/or containers during the entire loan period, and the cost of such insurance shall be for the account of the Lessee and shall be paid in advance by the Lessee to the Lessor on demand.

5: The Lessee shall bear and pay all and every City, County, State and Federal levies, taxes and assessments howsoever charged or assessed or levied in respect of the leased radium (excepting always all Income Taxes) and shall keep the leased radium free and clear of all liens and encumbrances of any nature whatsoever.

6: The Lessee shall, as frequently as he desires, use the leased radium and the containers in which it is furnished in a careful and prudent manner, shall exercise care and diligence to prevent loss or damage to the same and shall give immediate notice in writing to the Lessor in case of fire, theft, breakage, loss, damage or other casualty to the leased radium or any part thereof or to the containers; shall not assign this agreement, nor underlease the radium or any part thereof, nor in any way transfer any rights in the leased radium to any other person or persons; shall not remove any of the leased radium from the containers in which it is furnished; and, without any notice or demand by the Lessor, the Lessee shall surrender and deliver up to the Lessor the leased radium and containers promptly at the expiration of the term of this lease, or the sooner termination hereof as herein provided, in as good order and condition as when received, natural wear

and tear of the containers only excepted.

7: The Lessor, its agents and representatives, shall have the right to enter into and upon the premises of the Lessee and into and upon any other premises where the leased radium shall be at all reasonable hours for the purpose of examining and inspecting the leased radium and making such repairs or alterations to the container as the Lessor may deem necessary for the safety and preservation thereof. The Lessee shall at all such times produce and exhibit the leased radium for the Lessor's inspection and examination.

8: If the Lessee shall fail to observe and perform any of the terms, obligations, covenants or conditions hereof, or if the Lessor shall not be able to obtain and continue in effect insurance protection on the radium hereby leased, then and in any such case, this lease and all the rights of the Lessee hereunder shall at the Lessor's option immediately cease and terminate, and the Lessor shall be entitled to the immediate surrender and delivery of said leased property into its possession and may without notice or demand and with or without legal process enter into and upon the premises where said property may be and remove the same.

9: Nothing hereincontained shall be construed as an express or implied warranty that the radium leased is an effective therapeutic agent, nor any warranty as to the mechanical strength of the container described in Paragraph 2. The Lessor shall not be liable to the Lessee, its agents, employees, guests, or any other person for any injury or damage directly or indirectly arising out of or resulting from exposure to or contact with said leased radium, in any manner or from any cause whatsoever, and the Lessee agrees to keep and save the Lessor harmless from any and all demands, suits or claims for or in respect of any such damage or injury.

10: This is ^{an} contract of renting only, and not a

sale, conditional or otherwise. No title or property to or in the said leased radium is to vest in the Lessee at any time nor under any circumstances, and no right or option is granted or intended to be granted to the Lessee to become the owner of said leased radium or any part thereof.

11: This instrument contains and constitutes the entire agreement between the parties hereto and there are no terms, obligations, covenants, or conditions other than contained herein. Every term, obligation, covenant, and condition hereof shall be deemed of the essence of this agreement and every breach shall be deemed of the very substance. No waiver of any breach of any term, obligation, covenant or condition hereof shall excuse or relieve the Lessee from performance of similar terms, obligations, covenants or conditions thereafter, nor shall a waiver of any breach be deemed a waiver of subsequent breaches of the same or other nature.

12: It is agreed that the Lessee will not remove the leased radium or any part thereof from the United States of America.

13: This agreement is made in the State of New York and shall be governed by the laws of said State.

IN WITNESS WHEREOF, the parties hereto have caused this lease to be duly executed and their common or corporate seals to be hereunto affixed the day and year first above written.

RADIUM CHEMICAL COMPANY, INC.

By: Joseph A. Kelly
President

ATTEST:

Mearney

Lubert Land

ATTEST:

Herbert J. Anderson

AGREEMENT OF LEASE
BETWEEN
RADIUM CHEMICAL CO. INC.
AND
DR. LEO SZILARD
NEW YORK CITY

CHICAGO OFFICE
MARSHALL FIELD ANNEX BUILDING

RADIUM CHEMICAL COMPANY INC.

570 LEXINGTON AVENUE
~~1 EAST 42ND STREET~~

NEW YORK

RADIUM SALES DEPARTMENT
RADIUM LEASING DEPARTMENT

May 31, 1939

Dr. Leo Szilard
Kings Crown Hotel
420 W. 116th St.
New York

Dear Dr. Szilard:

We are enclosing herewith copy
of Agreement of Lease, duly executed on behalf
of our Company, for your permanent records.

Yours very truly,

H. M. Kearney
Sales Manager.

HBK:KC

RADIUM CHEMICAL COMPANY, INC.

1 EAST 42ND STREET

NEW YORK

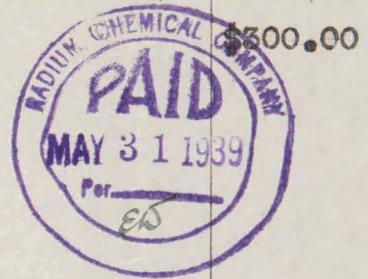
LEASED TO

Dr. Leo Szilard
Kings Crown Hotel
420 W. 116th St.
New York

DEBIT MEMO. No. HL4418

DATE June 1, 1939

Rental on ~~1353.86~~ Milligrams of Radium for Month of
June, 1939, in accordance with terms
of our Agreement of Lease.



Leasing Fees Are Payable Monthly in Advance

PLEASE DETACH AND RETURN WITH YOUR CHECK.
IN PAYMENT OF DEBIT MEMORANDUM

No. HL4418.....

RADIUM CHEMICAL COMPANY, INC.

570 LEXINGTON AVENUE

1 EAST 42ND STREET

NEW YORK

SOLD TO

Dr. Leo Szilard
King's Crown Hotel
420 West 116 Street
New York City

CORRECTED DEBIT MEMORANDUM 169

~~INVOICE~~ No.

DATE June 30, 1939

OUR ORDER No.

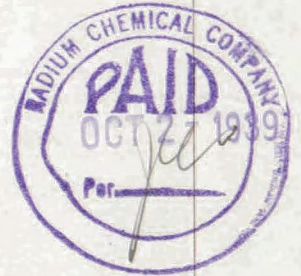
YOUR ORDER No.

TERMS

SHIPPED VIA

ON

| DESCRIPTION | PRICE | AMOUNT |
|--|-------------|----------|
| Rental of 900 Mgms. Radium for month of June | \$112.50 | |
| New York City Sales Tax | <u>2.25</u> | \$114.75 |



RADIUM CHEMICAL COMPANY, INC.
570 LEXINGTON AVENUE
EAST 42ND STREET

NEW YORK

SOLD TO

Dr. Leo Szilard
 King's Crown Hotel
 420 West 116 Street
 New York City

CORRECTED DEBIT MEMORANDUM No. 170

~~HWXOXEXNA~~

DATE July 1, 1939

OUR ORDER No.

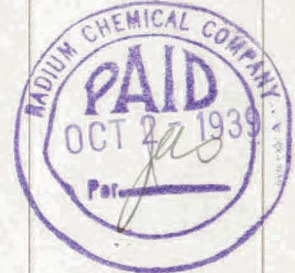
YOUR ORDER No.

TERMS

SHIPPED VIA

ON

| DESCRIPTION | PRICE | AMOUNT |
|--|----------|----------|
| Rental of 900 Mgms. Radium for month of July | \$112.50 | |
| New York City Sales Tax | 2.25 | \$114.75 |



DUPLICATE

RADIUM CHEMICAL COMPANY, INC.

570 LEXINGTON AVENUE

~~EAST 42ND STREET~~

NEW YORK

SOLD TO

Dr. Leo Szilard
c/o Physics Bldg.
Columbia University
120th St. & Broadway
New York City

DEBIT MEMORANDUM NO. 171-39

~~INVOICE NO.~~

DATE July 6, 1939

OUR ORDER No.

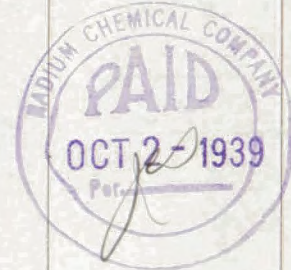
YOUR ORDER No.

TERMS

SHIPPED VIA

ON

| DESCRIPTION | PRICE | AMOUNT |
|--|---------|---------|
| Insurance premium for one month on 1353.82 milligrams of radium element contained in 27 iridium-platinum tubes engraved as follows: Nos. 31,32,33,34,35,38,39,40,41,45,46,47,48,49,50,52,53,54,59,61,64,66,68,69,70,77,78 | \$19.69 | \$19.69 |



PISART

DUPLICATE

Belgium

RADIUM CHEMICAL COMPANY, INC.

570 LEXINGTON AVENUE

EAST 42ND STREET

CATHIE R

DEBIT MEMORANDUM NO. 171-39

INVOICE NO.

DATE July 6, 1939

OUR ORDER NO.

YOUR ORDER NO.

ON

SHIPPED VIA

TERMS

SOLD TO

Dr. Leo Szilard
c/o Physics Bldg.
Columbia University
120th St. & Broadway
New York City

Insurance premium for one month on 1333.82
milligrams of radium element contained in
27 iridium-platinum tubes engraved as follows:
Nos. 31, 32, 33, 34, 35, 38, 39, 40, 41, 42, 46, 47, 48, 49,
50, 52, 53, 54, 59, 61, 64, 66, 68, 69, 70, 77, 78

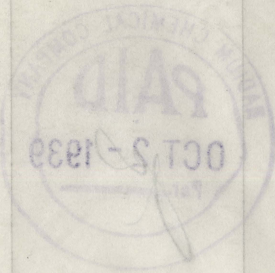
AMOUNT

PRICE

DESCRIPTION

\$19.00

\$19.00



DUPLICATE

RADIUM CHEMICAL COMPANY, INC.

570 LEXINGTON AVENUE

~~EAST 42ND STREET~~

NEW YORK

SOLD TO

Dr. Leo Szilard
King's Crown Hotel
420 West 116 St.
New York City

DEBIT MEMORANDUM NO. 178-39

INVOICE NO.

DATE August 1, 1939

OUR ORDER No.

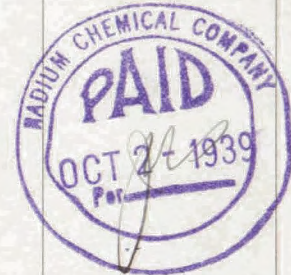
YOUR ORDER No.

TERMS

SHIPPED VIA

ON

| DESCRIPTION | PRICE | AMOUNT |
|--|-------------|----------|
| Rental on 900 Mgms. Radium for month of August | \$ 112.50 | |
| New York City Sales Tax | <u>2.25</u> | \$114.75 |



DUPLICATE

RADIUM CHEMICAL COMPANY, INC.

570 LEXINGTON AVENUE

~~EAST 42ND STREET~~

NEW YORK

SOLD TO

Dr. Leo Szilard
King's Crown Hotel
420 West 116 Street
New York City

DEBIT MEMORANDUM No. 185-39

~~INVOICE NO.~~

DATE Sept. 1, 1939

OUR ORDER No.

YOUR ORDER No.

TERMS

SHIPPED VIA

ON

| DESCRIPTION | PRICE | AMOUNT |
|---|-------------|----------|
| Rental on 900 Mgms. Radium for month of Sept. | \$ 112.50 | |
| New York City Sales Tax | <u>2.25</u> | \$114.75 |



(51)

CHICAGO OFFICE
MARSHALL FIELD ANNEX BUILDING

RADIUM CHEMICAL COMPANY INC.

570 LEXINGTON AVENUE
NEW YORK

PL 3-1481

RADIUM SALES DEPARTMENT
RADIUM LEASING DEPARTMENT

September 29, 1939

Dr. Leo Szilard
King's Crown Hotel
420 West 116th Street
New York, N. Y.

Dear Dr. Szilard:

In going over our accounting records it is found that no payment has been made on the rental of the 900-milligram quantity of radium supplied to you on lease.

We enclose invoices and statement of account for \$478.69 which includes the insurance, which is also unpaid.

We would like to have check for the amount by return mail.

Yours very truly

B. Kearney
Sales Manager

HBK:MB

*Paid at \$ 319 $\frac{69}{100}$
in check of Columbia University
a/c. to 1.3 gm Ra for July*

STATEMENT

RADIUM CHEMICAL COMPANY, INC.
570 LEXINGTON AVENUE

NEW YORK

Sept. 29, 1939

Dr. Leo Szilard
King's Crown Hotel
420 West 116 Street
New York City

TERMS NET CASH

| DATE | | CHARGE | CREDIT | BALANCE |
|---------|--------------------|----------|--------|-------------------|
| June 30 | Rental cost | \$114.75 | | |
| July 1 | of radium | 114.75 | | |
| Aug. 1 | do | 114.75 | | |
| Sept. 1 | do | 114.75 | | |
| July 6 | Insu. on radium | 19.69 | | \$478.69 |
| | | | | 319.69 |
| | | | | <u>159</u> |



New-York, November 4th. 1939.

Mr. Leo Szilard,
King's Crown Hotel,
420 West 116th. street,
New-York, N.Y.

Dear Sir,

With reference to the correspondence exchanged between yourself, Mr. Cattier and Mr. Vogelstein, I shall be glad to make an appointment with you at your convenience.

I am at your disposal at the offices of the

Radium Chemical C°
General Electric Building
570, Lexington Avenue
New-York

My telephone number is PLaza 3-1481.

Yours sincerely,



G.L. Lechien

G.L.L. VSM.

CHICAGO OFFICE
MARSHALL FIELD ANNEX BUILDING

RADIUM CHEMICAL COMPANY INC.

570 LEXINGTON AVENUE
NEW YORK

RADIUM SALES DEPARTMENT
RADIUM LEASING DEPARTMENT

February 21, 1940

Dr. Leo Szilard
Kings Crown Hotel
420 East 116th St.
New York

Dear Dr. Szilard:

The enclosed debit memorandum is for the full year's insurance on the 906.24 milligrams of radium that you had on lease from us, less the payment for three months' period made by you. We shall be glad to have check at your convenience.

May I inquire whether it is your intention to renew the lease for the 906.24 milligrams after March 2nd, 1940?

Yours very truly,

W. B. Kearney
Sales Manager.

HBK:KC.
enc.

RADIUM CHEMICAL COMPANY, INC.

570 LEXINGTON AVENUE
~~1 EAST 42ND STREET~~

NEW YORK

SOLD TO

Dr. Leo Szilard
 Kings Crown Hotel
 420 E. 116th St.
 New York.

DEBIT MEMORANDUM 119-40

~~INVOICE NO.~~

DATE Feb. 21, 1940

OUR ORDER No.

YOUR ORDER No.

TERMS

SHIPPED VIA

ON

DESCRIPTION

PRICE

AMOUNT

Insurance premium for one year from March 2nd, 1939 to March 2nd, 1940 on 906.24 milligrams of Radium element contained in platinum-iridium tubes Nos. 36, 37, 42, 43, 51, 55, 58, 60, 63, 65, 67, 71, 72, 73, 75, 76, 79 and 80, and including the platinum tubes -

\$161.11

Less payment made on Debit Memorandum 118-39, of March 6th, 1939 covering three months' period from March 2nd, 1939 to June 2, 1939 -

40.28

\$ 120.83

RADIUM CHEMICAL COMPANY, INC.

570 LEXINGTON AVENUE
~~EAST 42ND STREET~~

NEW YORK

SOLD TO

Dr. Leo Szilard
 Kings Crown Hotel
 420 E. 116th St.
 New York.

DEBIT MEMORANDUM 119-40

~~INVOICE No.~~

DATE Feb. 21, 1940

OUR ORDER No.

YOUR ORDER No.

TERMS

SHIPPED VIA

ON

| DESCRIPTION | PRICE | AMOUNT |
|--|--------------|-----------|
| Insurance premium for one year from March 2nd, 1939 to March 2nd, 1940 on 906.24 milligrams of Radium element contained in platinum-iridium tubes Nos. 36, 37, 42, 43, 51, 55, 58, 60, 63, 65, 67, 71, 72, 73, 75, 76, 79 and 80, and including the platinum tubes - | \$161.11 | |
| Less payment made on Debit Memorandum 118-39, of March 6th, 1939 covering three months' period from March 2nd, 1939 to June 2, 1939 - | <u>40.28</u> | |
| | | \$ 120.83 |

CHICAGO OFFICE
MARSHALL FIELD ANNEX BUILDING

RADIUM CHEMICAL COMPANY INC.

570 LEXINGTON AVENUE
NEW YORK

RADIUM SALES DEPARTMENT
RADIUM LEASING DEPARTMENT

May 31, 1940

SPECIAL DELIVERY

Physics Department
Columbia University
116th Street & Amsterdam Avenue
New York, N. Y.

Gentlemen:

Dr. Leo Szilard called by telephone on Wednesday, May 29, to ascertain whether there would be available for lease the 900 milligrams of radium (in a special container) which Dr. Szilard had on lease for one year beginning March 2, 1939.

I failed to remember in talking to Dr. Szilard that we had already given an option to a Clinic in a Western city for the particular containers referred to and the remainder of containers of the same size that we have in stock. This option is being held open until the annual meeting of the American Medical Association, which begins on Monday, June 10.

If and when the option is released, we shall be prepared to take up the matter again and to quote you on basis of leasing 900 milligrams of radium for one year and for two years.

Yours very truly

B. B. Kearney
Sales Manager

HBK:MB

STATEMENT

Measure

RADIUM CHEMICAL COMPANY, INC. *Pay*

570 LEXINGTON AVENUE

NEW YORK

August 7, 1940

Dr. Leo Szilard
c/o Physics Building Columbia University
120th St. & Broadway
New York City

TERMS NET CASH

| DATE | Radium Sales Dept. | CHARGE | CREDIT | BALANCE |
|---------------------|--------------------|-----------|--------|-----------|
| Feb. 21 | | \$ 120.83 | | \$ 120.83 |
| PAST DUE | | | | |
| <i>Please remit</i> | | | | |

STATEMENT

RADIUM CHEMICAL COMPANY, INC.

570 LEXINGTON AVENUE

NEW YORK October 4, 1940

Dr. Leo Szilard
c/o Physics Building
Columbia University
120th St. & B'way, N.Y.C.

TERMS NET CASH

| DATE | Radium Sales Dept. | CHARGE | CREDIT | BALANCE |
|---------|-----------------------|-----------|--------|-----------|
| Feb. 21 | | \$ 120.83 | | \$ 120.83 |

STATEMENT

Invoice
Tax

RADIUM CHEMICAL COMPANY, INC.

570 LEXINGTON AVENUE

NEW YORK November 9, 1940

Dr. Leo Szilard
c/o Physics Bldg. Columbia University
120th St. & Broadway, N.Y.C.

TERMS NET CASH

| DATE | | CHARGE | CREDIT | BALANCE |
|---------|-----------------------|-----------|--------|-----------|
| Feb. 21 | Radium Sales Dept. | \$ 120.83 | | \$ 120.83 |

STATEMENT

RADIUM CHEMICAL COMPANY, INC.

570 LEXINGTON AVENUE

NEW YORK December 5, 1940

Dr. Leo Szilard
c/o Physics Bldg. Columbia University
120th St. & Broadway
New York City

TERMS NET CASH

| DATE | Radium Sales Dept. | CHARGE | CREDIT | BALANCE |
|---------|--|-----------|----------------|-----------|
| Feb. 21 | | \$ 120.83 | | \$ 120.83 |
| | <i>Dr. Szilard</i> | | | |
| | <i>Please let us have your check for this amount</i> | | | |
| | | | <i>Kearney</i> | |

RADIUM CHEMICAL COMPANY, INC.

370 LEXINGTON AVENUE

New York December 6, 1910

Dr. Leo Szilard
c/o Physics Bldg. Columbia University
1200 St. S Broadway
New York City

TERMS NET CASH

| DATE | DESCRIPTION | AMOUNT | REMARKS |
|---------|--------------------------|-----------|---------|
| Feb. 21 | Radium Salts 100 lbs. | \$ 120.00 | |

Genie

Friedlaender
 26 - 27
 Chem. by Dept
 Wright (Ames)
 Madison 1 lab



TELEPHONE
UNIVERSITY 4-2700

KING'S CROWN HOTEL

OPPOSITE
COLUMBIA UNIVERSITY

UNDER KNOTT MANAGEMENT

420 WEST 116TH STREET, NEW YORK N.Y.

Paid. Check, 1000

1301.85

- 120.83

1181.02

120.83

act paid
by
still to
be paid

319.68

paid
but refunded
by Columbia

1301.85 R. Ch.
400. — Zinn
694.80 Kremer

~~2332.75~~

2396.45

*copied by MEB
9-29-41*

CHICAGO OFFICE
MARSHALL FIELD ANNEX BUILDING

RADIUM CHEMICAL COMPANY INC.

570 LEXINGTON AVENUE
NEW YORK

RADIUM SALES DEPARTMENT
RADIUM LEASING DEPARTMENT

September 10, 1941

Dr. Leo Szilard
c/o Physics Building
Columbia University
120th Street & Broadway, New York

Dear Dr. Szilard:

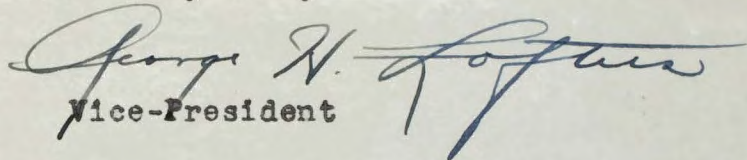
We are attaching hereto statement in amount \$120.83 covering insurance premium for material which you had on rental from us.

Inasmuch as this represents an outlay on our part for the radium which you had, we would appreciate very much your bringing this to the attention of the proper authorities so that payment may be made.

We feel sure that you will agree with us that inasmuch as the amount is over a year and a half past due that settlement should be made.

We shall appreciate hearing from you regarding this matter.

Yours very truly


Vice-President

GHL:MB

STATEMENT

RADIUM CHEMICAL COMPANY, INC.
570 LEXINGTON AVENUE

NEW YORK May 23, 1941

Dr. Leo Szilard
c/o Physics Building
Columbia University
120th St. & B'way, N.Y.C.

TERMS NET CASH

| DATE | Radium Sales Dept. | CHARGE | CREDIT | BALANCE |
|---------|-----------------------|-----------|--------|-----------|
| 1940 | | | | |
| Feb. 21 | | \$ 120.83 | | \$ 120.83 |

X
September 29, 1941

Mr. George H. Loftus, Vice President
Radium Chemical Company, Inc.
570 Lexington Avenue
New York City

Dear Mr. Loftus:

I acknowledge the receipt of your letter of
September 10th, and you will find enclosed a check for
\$120.83 in settlement of your bill covering insurance
premium for radium which you had rented to me in 1939.

Yours sincerely,


(Leo Szilard)

LS:MEB

Enclosure

Copies

1 Pegram
1 Fermi
1 Szilard ✓
2 Mitchell

CLASS OF SERVICE

This is a full-rate Telegram or Cablegram unless its deferred character is indicated by a suitable symbol above or preceding the address.

113
28
141

WESTERN UNION

1201

SYMBOLS

DL=Day Letter

NL=Night Letter

LC=Deferred Cable

NLT=Cable Night Letter

Ship Radiogram

(25)

A. N. WILLIAMS
PRESIDENT

The filing time shown in the date line on telegrams and day letters is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

CAB20 26 COLLECT=NGR NEWYORK NY 12 1053A

DR LEO SZILARD=

141

1945 MAR 12 AM 10 27

1155 EAST 57 ST=

RETEL RENTAL PAID TOTAL ONE THOUSAND SEVEN HUNDRED SEVENTY EIGHT DOLLARS TWENTY FIVE CENTS IN 1939 INSURANCE PAID ONE HUNDRED SIXTY ONE DOLLARS ELEVEN CENTS=

RADIUM CHEMICAL CO INC.

1939.

1155 East 57th Street
Chicago 37, Illinois
March 13, 1945

Radium Chemical Co., Inc.
New York, New York

Gentlemen:

You were kind enough to answer my inquiry relating to the amount of rent and insurance I paid to you for radium which I rented in the course of 1939 by telegram which I received on March 12th. The telegram which I received from you on March 12th ran as follows:

"Retel rental paid total one thousand seven hundred seventy eight dollars twenty five cents in 1939 insurance paid one hundred sixty one dollars eleven cents."

Since I need this information for income tax purposes, I would appreciate it if you would write me a letter containing the information contained in the telegram so that if needed I may be in a position to submit a copy of your letter to the Treasury.

I wish to thank you for your kind cooperation and the prompt reply which you gave to my telegram.

Very truly yours,

Leo Szilard

LS:s

CHICAGO OFFICE
MARSHALL FIELD ANNEX BUILDING

RADIUM CHEMICAL COMPANY INC.

570 LEXINGTON AVENUE
NEW YORK 22, N. Y.

RADIUM SALES DEPARTMENT
RADIUM LEASING DEPARTMENT

March 21, 1945

Dr. Leo Szilard
1155 East 57 Street
Chicago, Illinois

Dear Dr. Szilard:

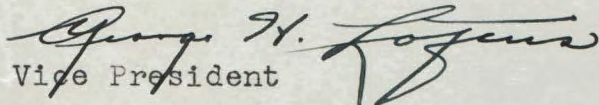
We wish to acknowledge and thank you for
your letter of March 13.

The amount paid by you for rental of radium
during the year 1939 was \$1778.25. Insurance on this
radium amounted to \$161.11.

We trust this is the information which you
desire and are glad to have been of service to you.

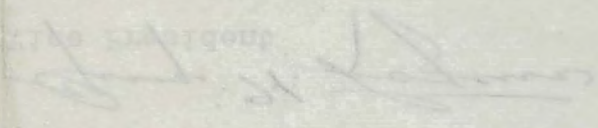
Yours very truly,

George H. Loftus
EM


Vice President

Mr. George H. Roberts

1000 Broadway



Dear Sir:

I have the honor to acknowledge the receipt of your letter of the 15th inst. regarding the information which you

request in connection with the 1917-18. I am sorry that I cannot give you the information you desire at this time.

I am sure that you will understand the reasons for this. I will be glad to advise you again when the information is available.

Very truly yours,

W. H. C. [Signature]

APR 11 1918

Income Tax

1000 BROADWAY
NEW YORK CITY

UNITED STATES GOVERNMENT

OFFICE OF THE COMMISSIONER OF INTERNAL REVENUE
WASHINGTON, D. C.