

Alfred Baker Fonds

Correspondence

Esoulenko R +  
Gerasimchuk, Nick. 1992-93

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Dr. Alfred Bader  
2961 North Shepard Avenue  
Milwaukee, Wisconsin 53211

April 5, 1993

Dr. N. Gerasimchuk  
P.O. Box #26  
Provo, Utah 84603 0026

Dear Nick:

Thank you so much for your very kind letter of March 28, which I am sharing with Bob Wandler.

Many universities, and perhaps Brigham Young University, offer not only a Ph.D., but also a slightly higher degree, usually a Doctor of Science. If so, do consider applying for that program.

Bob Wandler was very happy with the really interesting 85 compounds and has also received a large and fine collection from Andy. Do keep up collecting such great compounds.

All good wishes to both of you.

Sincerely,

c: Mr. Robert Wandler

Nick N. Gerasimchuk, Dr.  
Provo, Utah

phone #: (801)-377-5428

*March, 28. 1993*

Dr. Alfred Bader, Isabel Bader  
2961 North Shepard Avenue  
Milwaukee, Wisconsin 53211

Dear Alfred:

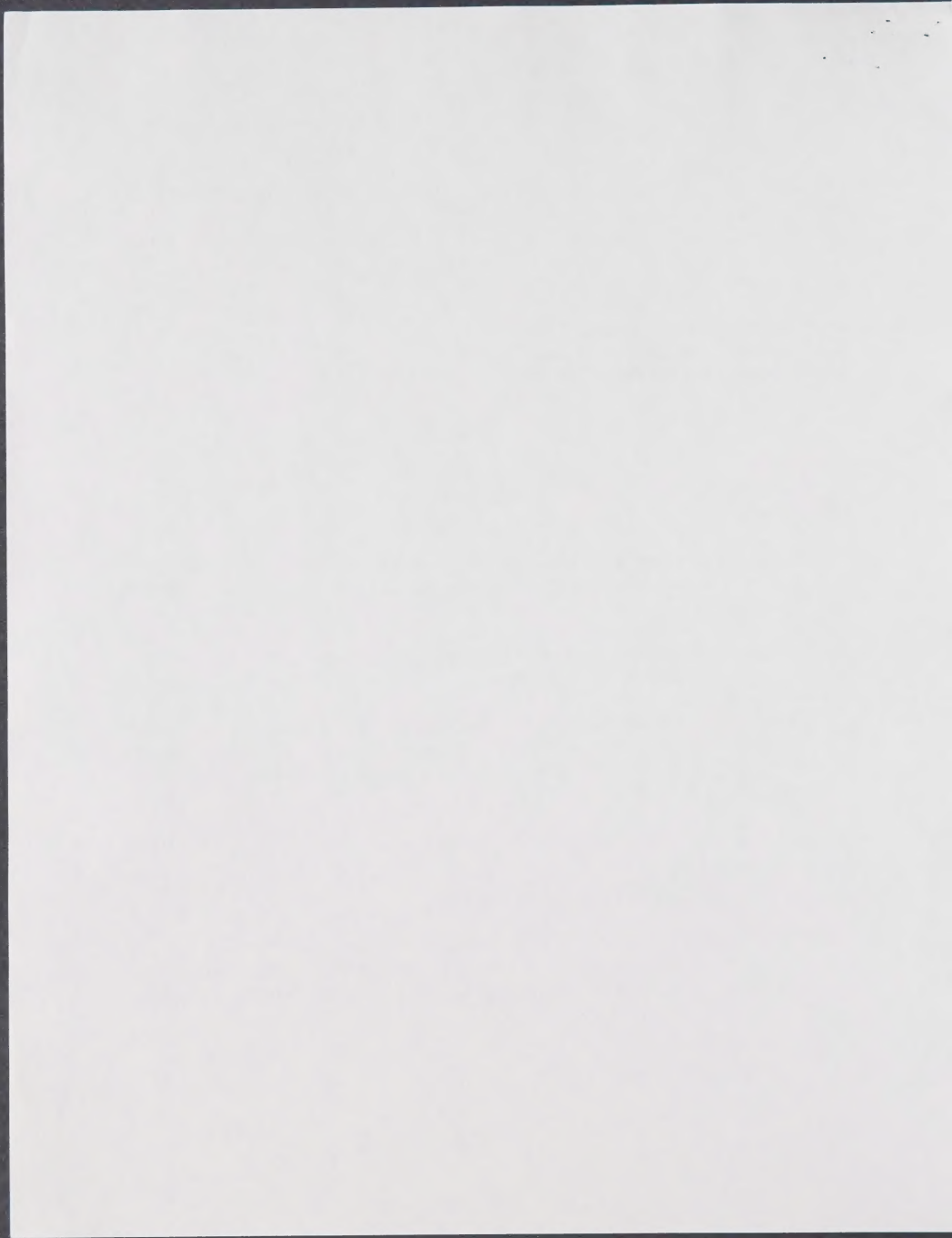
Thank you very much for your very kind letter from March 1 this year. Now the wonderful picture you sent is at our lab, where Olga and me spend most of our time.

Let me send you a photo about last snow in Provo in March. Spring came here very quickly, and now we have here beautiful, warm and sunny weather.

Our work in the lab is in progress, but it is going not so fast as I expected. This situation is natural, because the chemistry of macrocycles is new for me. Enclosed find, please, the lists of what we are synthesizing now, and what for we are doing that.

From the other hand, first 85 new unique compounds for the **ALFRED BADER COLLECTION** I sent to Bob Wandler and have got a payment already. It's good financial support for me now.

The second my parcel is in progress. I will send when it will contain approximately 100 compounds. Also, I am expecting good set of substances from my Ukrainian friends who are doing research and studying at different universities in the United States.



- page 2 -

Unfortunately, my file with Application form in the Office of Graduate studying in BYU has been rejected. See, please, the copy attached of the official answer from the administration of the University. Too well prepared, they said... I tried many times to offer myself for the research of studying, but all my attempts were not succeed. Really, I could be useful for the Chemistry Department of BYU. So, I have to wait, to write proposals, trying to find a post-doc position anywhere in the US.

I am happy to inform you, that three my chapters of the book are ready now, and I sent them to Prof. Kristin James from University of Kansas. We are co-authors. The titles of the chapters are:

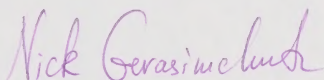
- Bidentate ligands
- Cyanoximes as ambidentate ligands
- Schiff bases

These chapters are the subject of my especial pride. I did this work well.

Unexpectedly I received a reprints of my paper with Prof. Herbert Roesky from Gottingen. It was a good job as an example of unofficial collaboration between Kiev and scientists in Europe. The copy of this article enclosed too.

The best wishes for you and Isabel from both of us,  
Sincerely yours

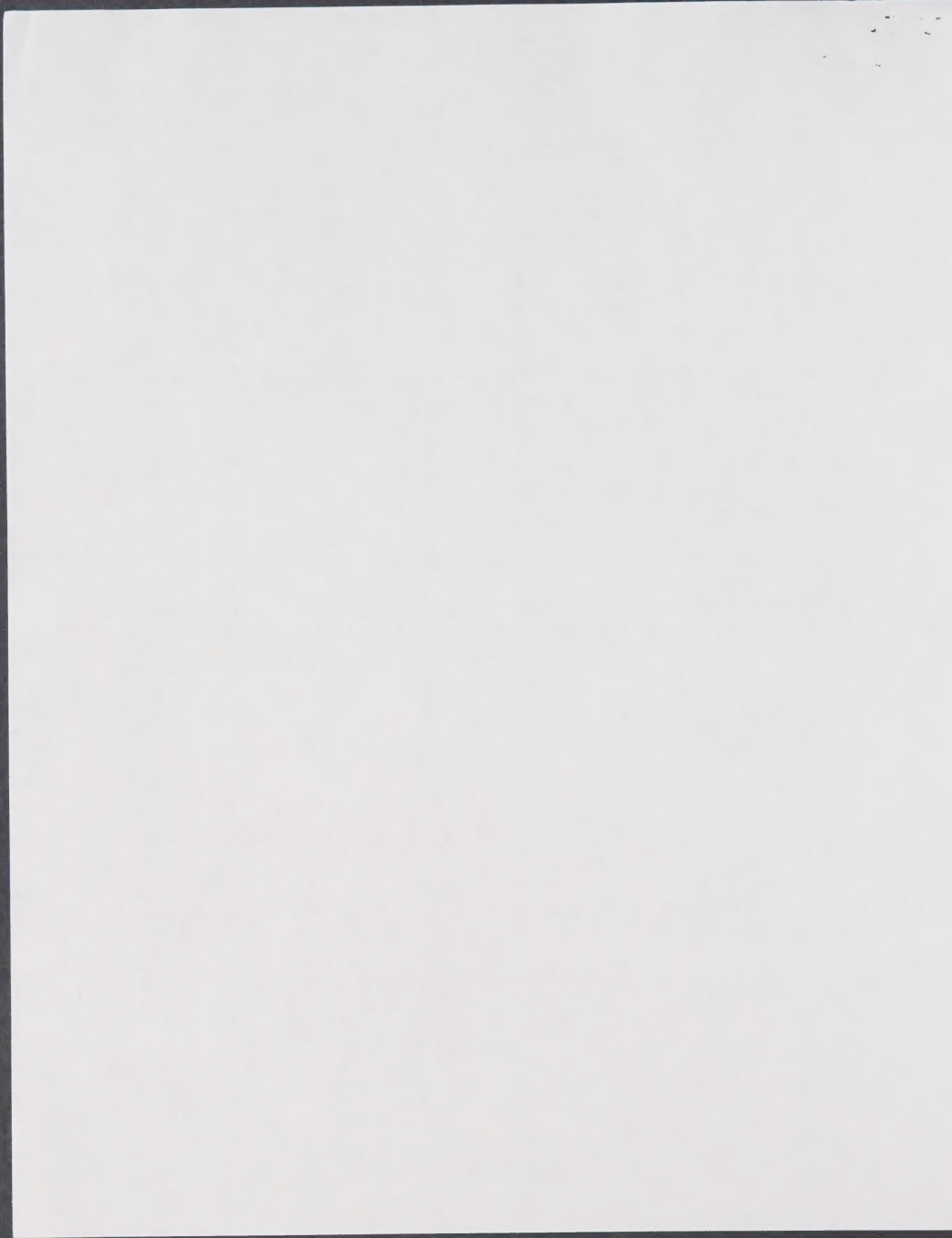
Nick



P.S.

\*\*\* Please, note that we changed our address and phone number. One Ukrainian guy, who came here for studying together with Olga chits our mail box and bothered us by telephone. Now, our address is:

**Olga & Nick Gerasimchuk**  
**Post Office Box # 26**  
**Provo, 84603-0026 UT**



*Copy of  
an official answer...*

BRIGHAM YOUNG  
UNIVERSITY

March 19, 1993

Nikolay N. Gerasimchuk  
334 W. 200 N. #107  
Provo, UT 84601

Your application for admission to graduate study at Brigham Young University has been carefully reviewed by the graduate admissions committee in the Department of Chemistry. Because the department does not recommend admission at this time, I regret that I am unable to extend an admissions offer to you.

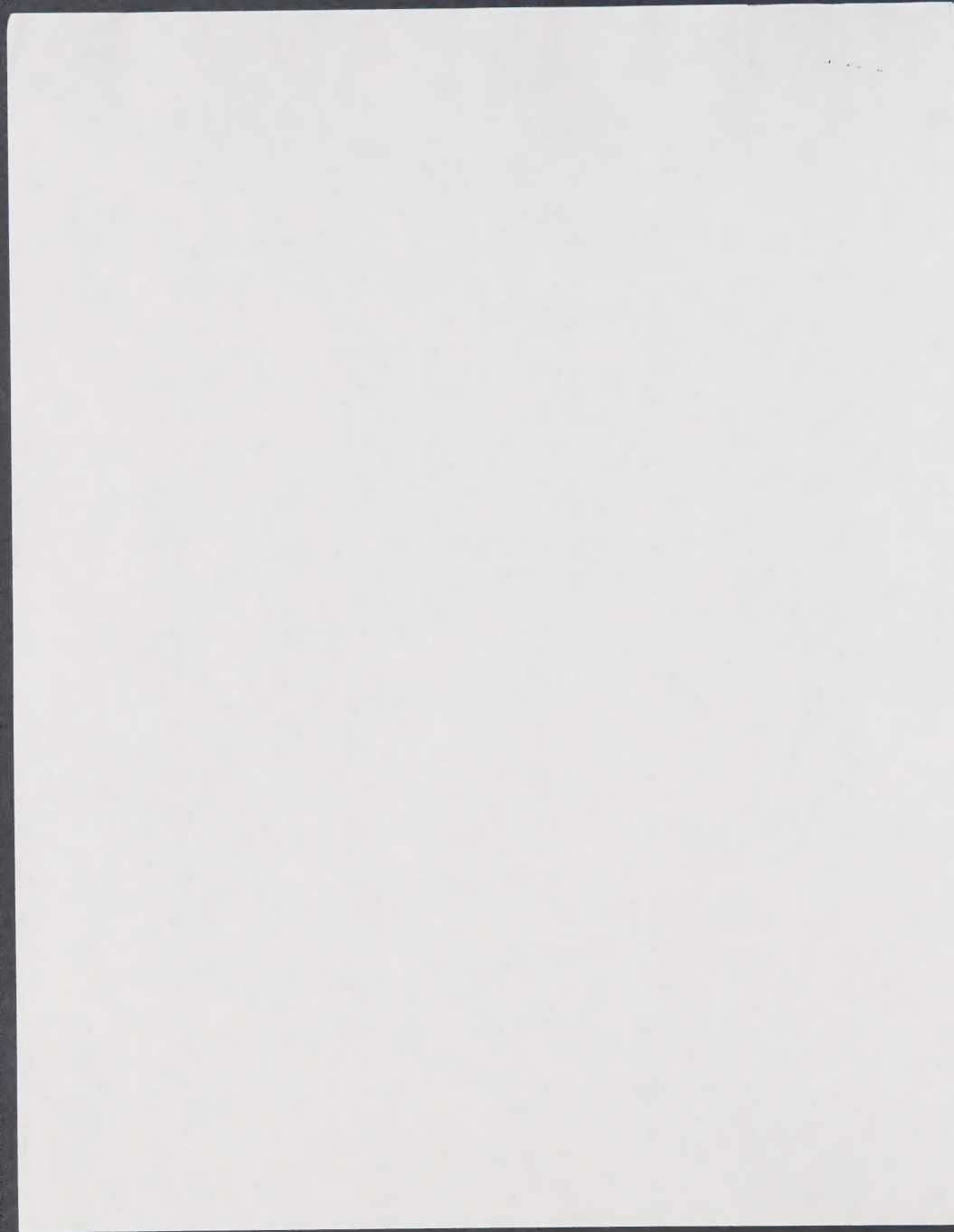
Admissions decisions are determined through a consideration of the preparation of all applicants and the number of students the department can effectively accommodate. In competitive programs the number of applicants often far exceeds the number of available openings. The departmental admissions committee is unable to offer admission to you because The Chemistry Ph.D. program is not available to those who have previously earned a Ph.D. or its equivalent in the field of Chemistry.

If you wish further information concerning this decision, I suggest you correspond with Professor Francis R. Nordmeyer, in the Department of Chemistry.

Sincerely,

Christine M. Tolman  
Associate Director of  
Graduate Services

cc: Department of Chemistry





Dr. Alfred Bader  
2961 North Shepard Avenue  
Milwaukee, Wisconsin 53211

March 1, 1993

Dr. Nikolay N. Gerasimchuk  
334W 200N, #107  
Provo, Utah 84601

Dear Nick:

I am so happy to know from your letter of February 20th that you have settled down in Provo, and Isabel and I want to congratulate you most heartily on your marriage.

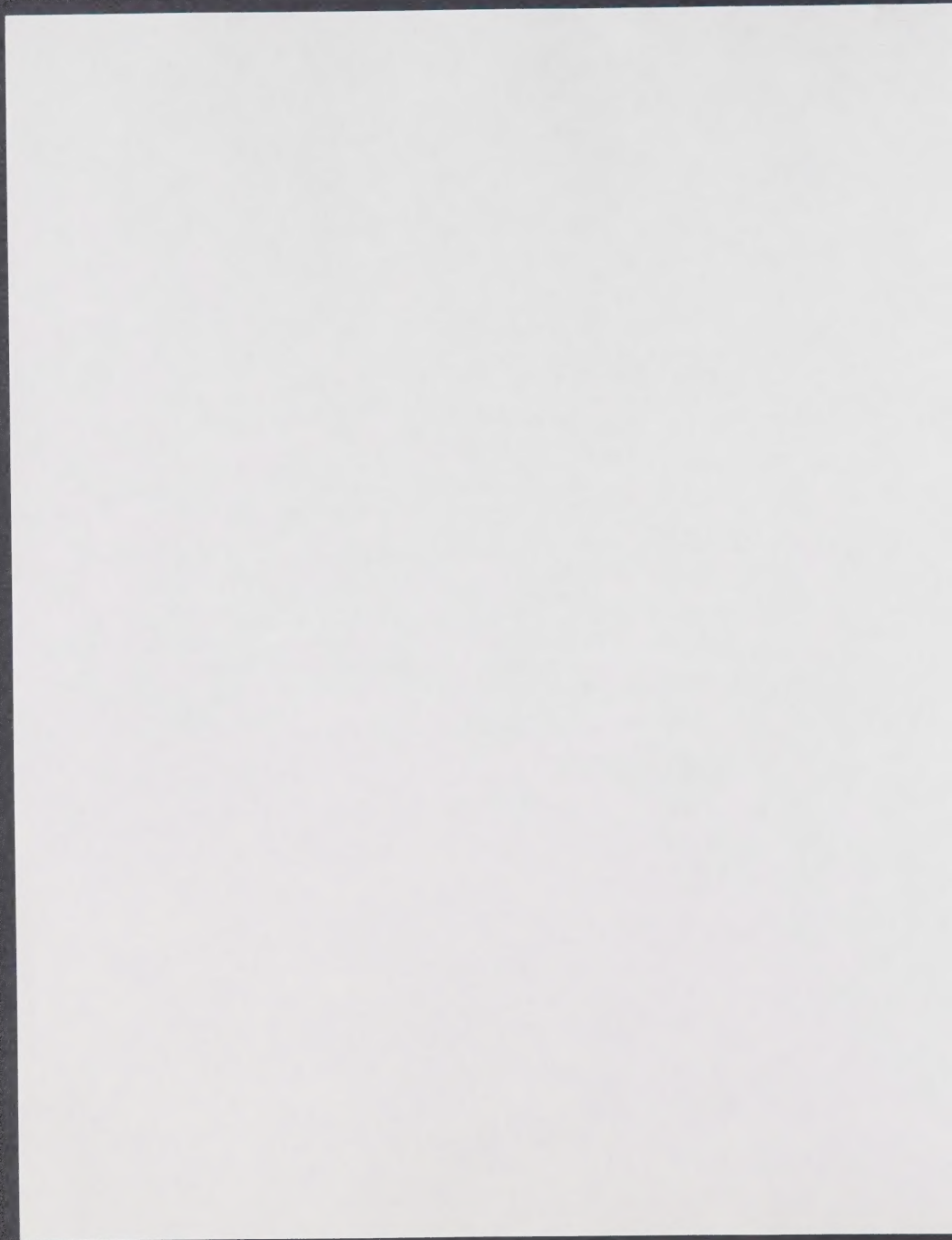
I hope that you and Olga will like the enclosed work by one of the ablest American artists I know, John Whalley.

I am particularly happy to know that you have found an excellent new source for compounds for the Library of Rare Chemicals. We hope that Andy Esaulenko will continue shipping exciting compounds from Kiev. I know that Bob Wandler is doing an excellent job looking after the Library.

Many thanks for those beautiful photographs which I am sharing with Bob Wandler.

Best wishes to both of you.

As always,



**Nikolay N. Gerasimchuk, Dr.**

334W 200N, Ap.#107  
PROVO, 84601, UTAH  
phone # (801) 377-67-82

**February 20, 1993.**

**Dr. Alfred Bader**

2961 North Shepard avenue  
Milwaukee, Wisconsin 53211

Dear Alfred:

Excuse me for so long silence, please!

I'm happy to inform you that my life vigorously changed! I've got married January 12, and my wife is Olga Zhmurko (now Gerasimchuk).

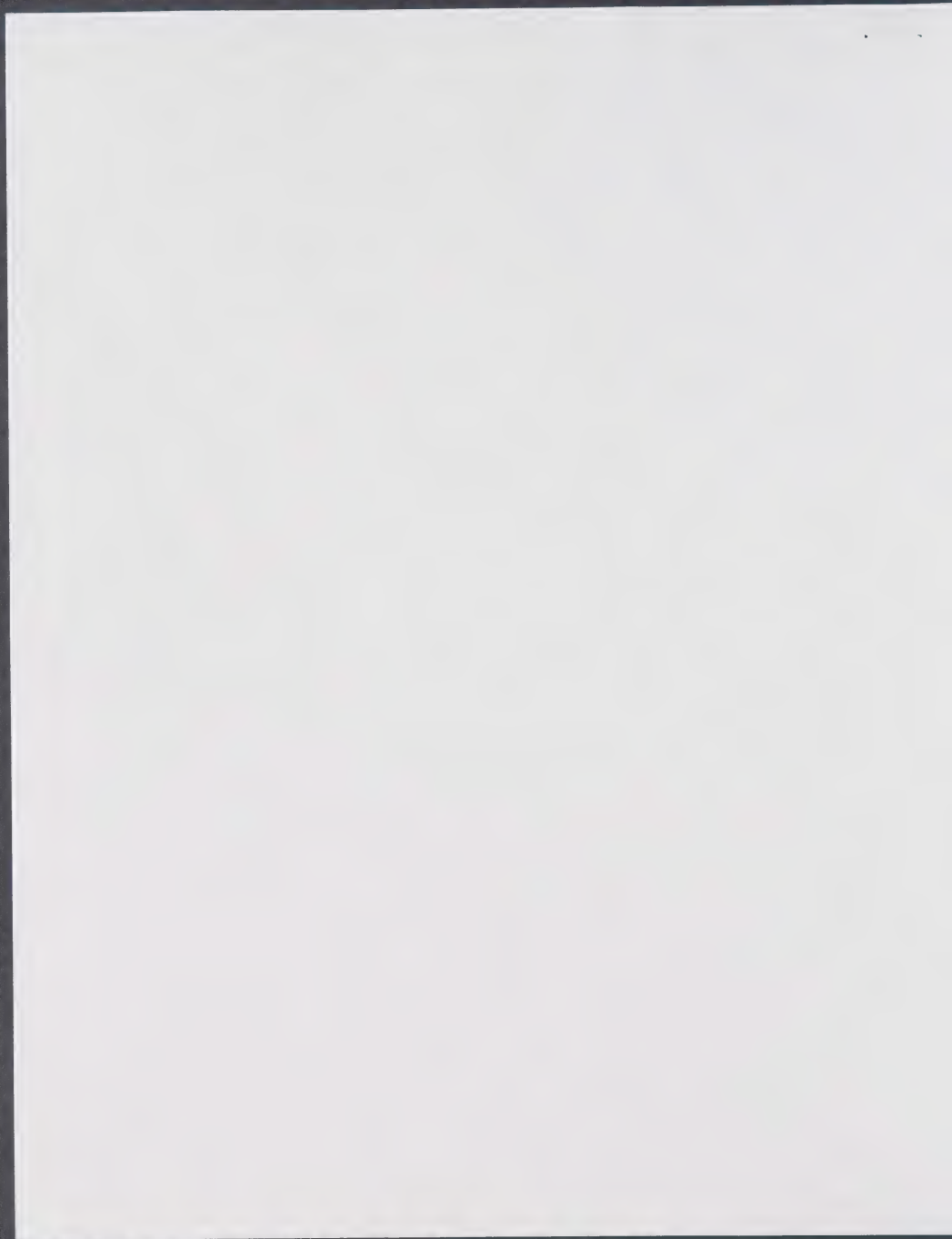
She was my undergraduate student and worked in my lab in Kiev since 1987. It was good time for both of us. We were happy.

Now she is a graduate student at Brigham Young University.

Dr. Jerald Bradshaw, her nowadays supervisor, performed our wedding as an official person from the Utah State.

I conducted a good seminar at Chemistry Department in BYU January 7. The field of my personal research is so far from the main topics of chemists in BYU, unfortunately. They doing research in the field of crown-esters, aza-containing macrocycles and their practical application. Very quickly I understood how interesting is it. I should say that in Kiev also the Chemistry of macrocycles is in progress, and many friends of mine are working with these interesting compounds. So, it is not unknown part of Chemistry for me. Nevertheless, I have to learn a lot of things about these objects.

Situation with financial support for the research at BYU now not very good. Grant of Prof. J.Lamb, Prof. R.Izatt and Prof. J.Bradshaw (in branches of Inorganic, Analytical and Organic Chemistry) does not allow them to accept me as a visiting researcher or post-doctoral researcher. Certainly, I can understand this situation. It is naturally. Nobody expected me here and did not plan to provide my research and my status.



- page 2 -

Nevertheless, some my proposals turned out very interesting for them. I mean about modification of the surface of silicagel or polyurethanes by means of cyanoximes. We discussed this project with you and Dr.Rundqist during our meeting and visit of "Aldrich". Thus, I have to try to do part of this research in order to show possibility of application those molecules to the purpose of separation technology.

I have ordered now some important initial compounds from "Aldrich" and do hope that my treatment will be succeed. So, I can work in the lab all the time. It is important to note, that inspite of small size of Chemistry Department, it is equipped pretty good with all necessary spectrometers and other devices.

From the other hand, it is very difficult for me to find corresponding position anywhere in the United States because of financial problems. Besides, Olga is studying and doing research here. So, after a long thinking I have decided to apply for the Graduate Program at BYU. What to do? I think, that it is not too bad to get an American Ph.D. degree. But, I will continue my efforts in order to find post-doctoral position.

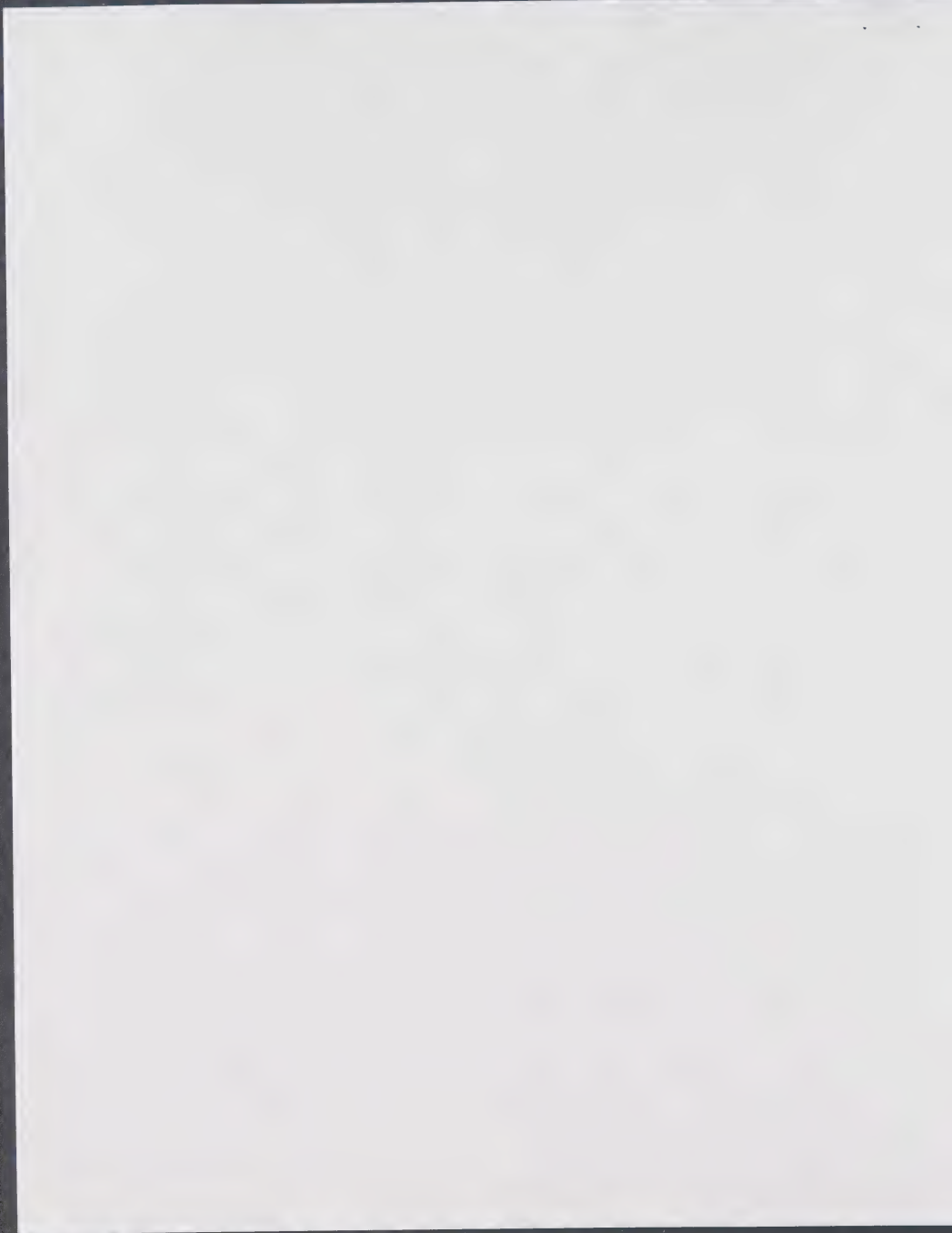
Olga and me visited University of Kansas in Lawrence during our honey-week in the end of January. I also gave a seminar there, and met with Prof. Daryll Busch and Prof.Kristine James who are in charge of Inorganic Chemistry. Professor James had offered me to write two chapters of a new book about Coordination Chemistry of Polydentate Ligands. Can you imagine how exited I was?! Scientists in Lawrence never had seen me before, and I was extremely glad to get such a nice proposal just only after my one hour lecture!

One chapter is ready and I've sent it to Kansas. Now I'm working with other one.

In the lab synthesis also gradually are going well. So, I'm very busy now and very glad about it!

By the way, I have found a source of an excellent compounds for the Library of Rare Chemicals. It means, that from time to time I will ship directly to Bob Wandler new organic compounds for

A(Alfred)B(Bader)C(collection).



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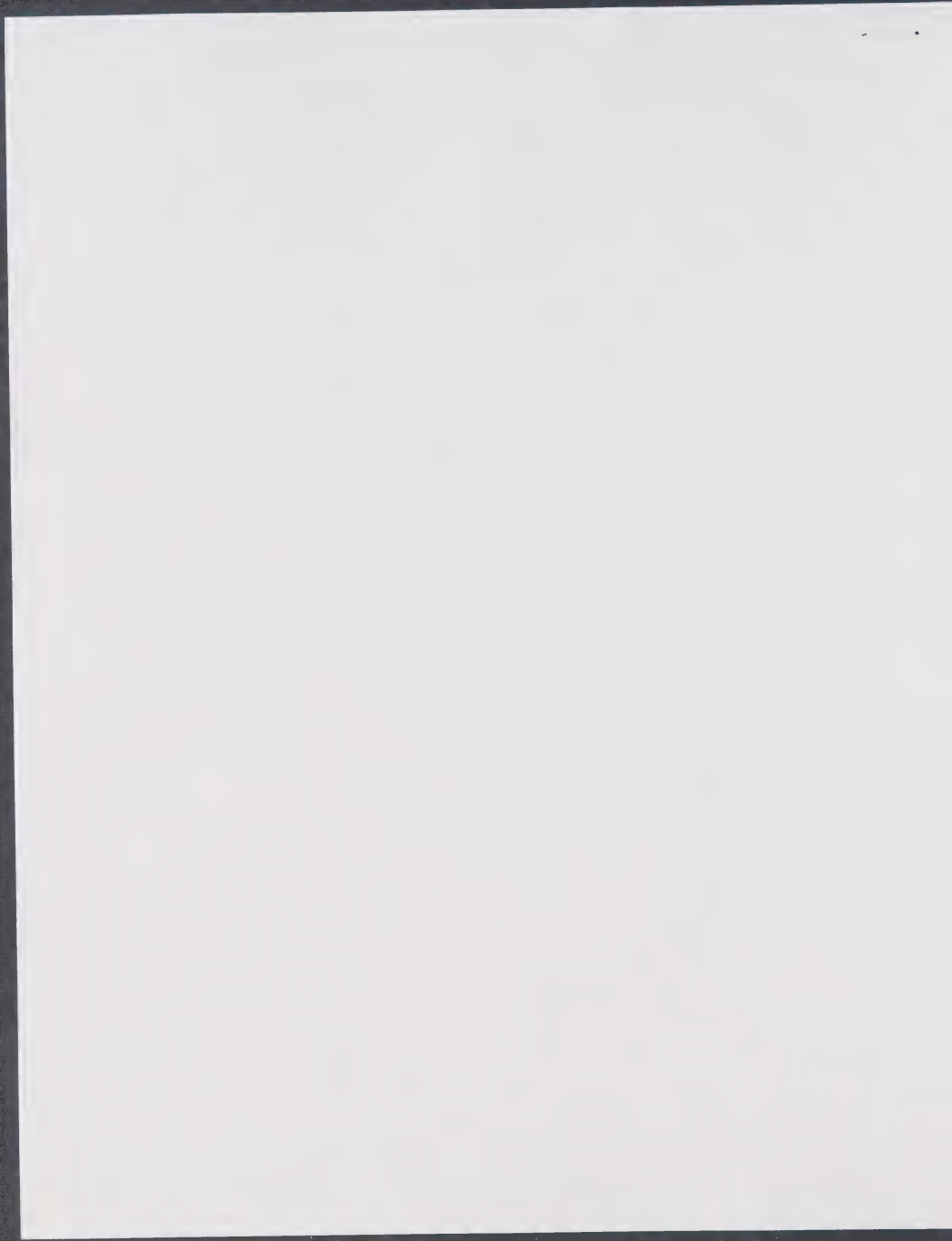
Finally, I would like to say you again many worm words, many thanks!  
Enclosed find please some photos about our meeting at the beginning of  
January this year.

Give my best wishes to Isabel, please!

Yours sincerely

Nick.







FAX FROM

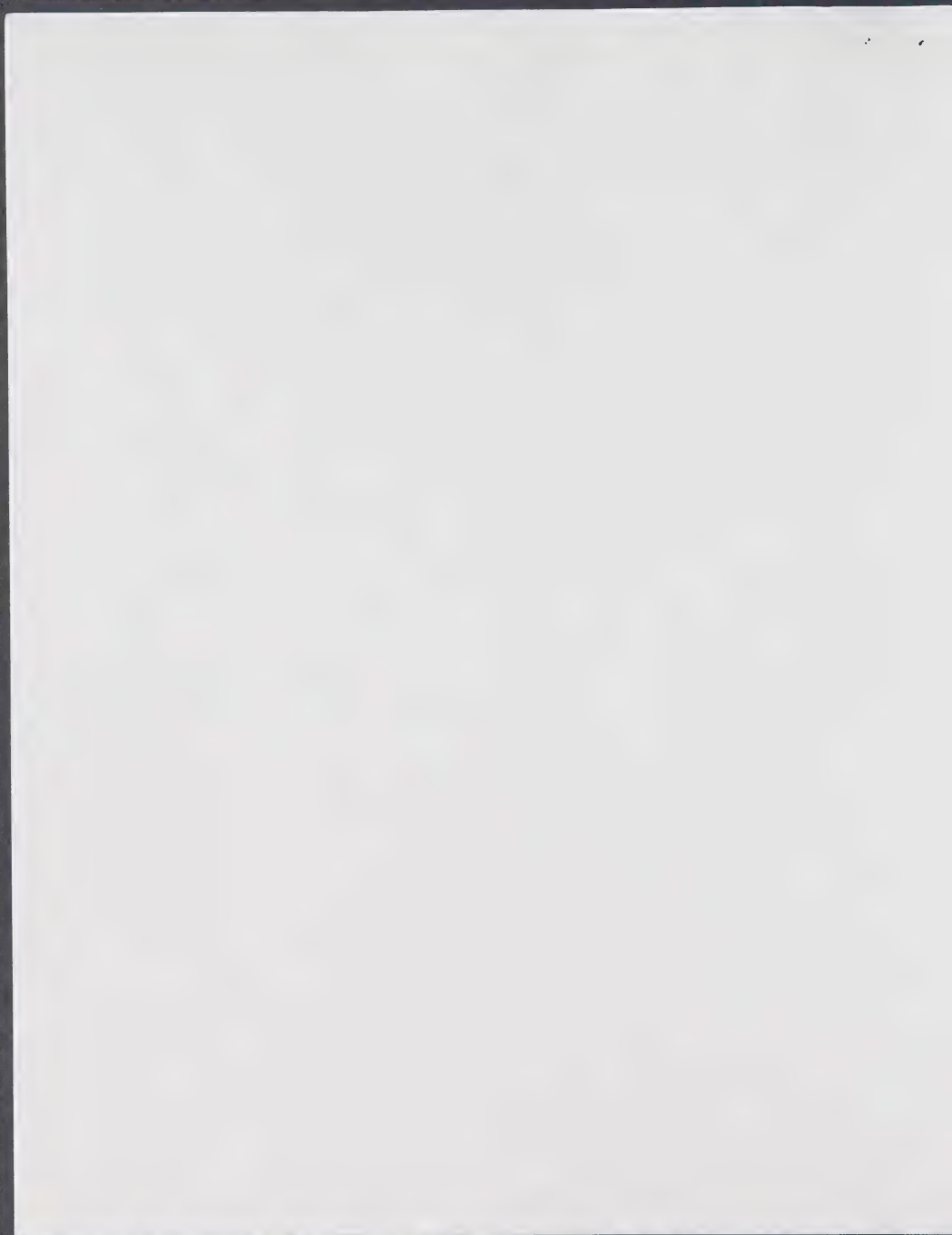
DR. ALFRED R. BADER  
Suite 622  
924 East Juneau Avenue  
Milwaukee, Wisconsin 53202  
Telephone 414-277-0730  
Fax No. 414-277-0709

To: Prof. Leo Ochrymowycz

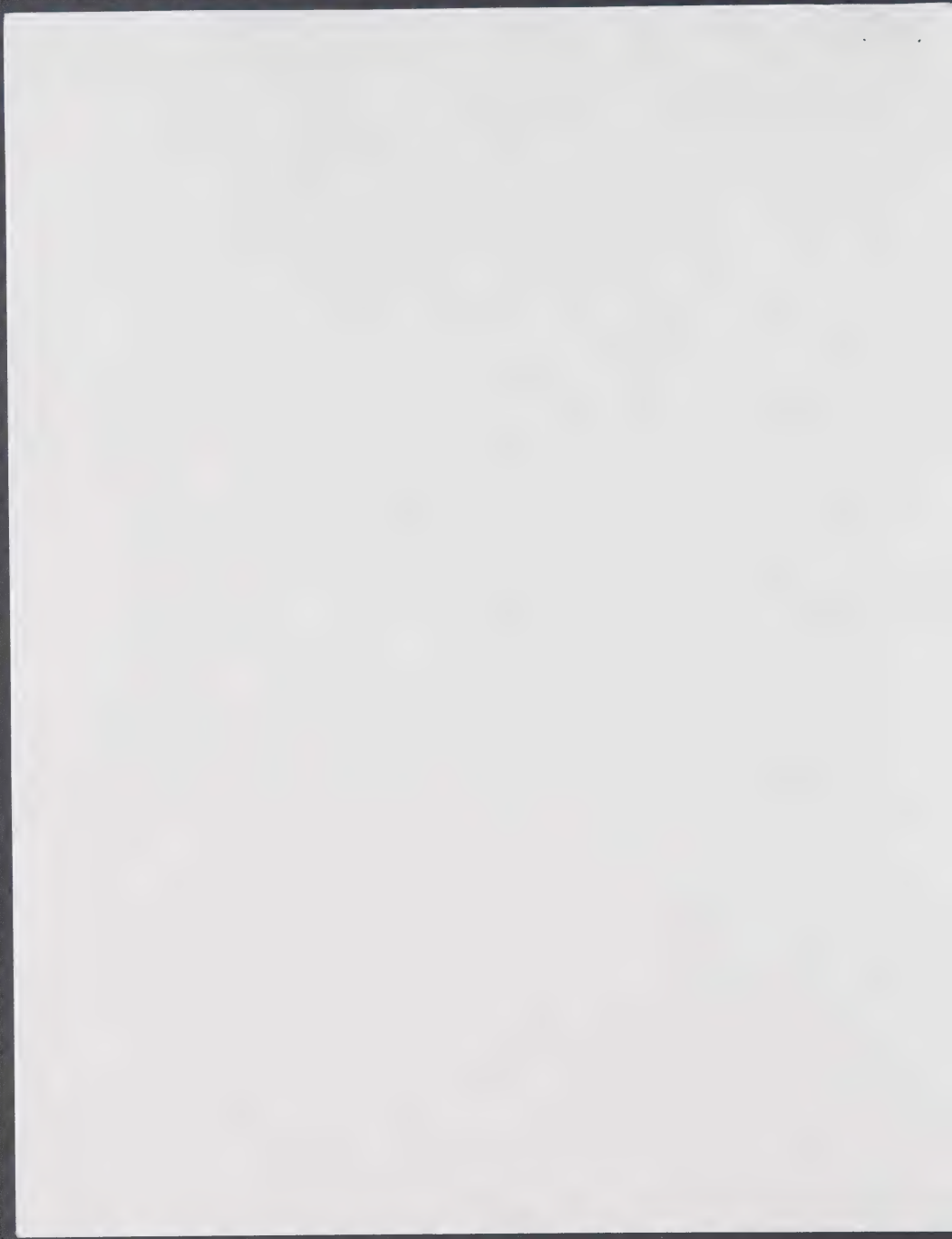
Fax 715 836 2380

 2 pp. follow

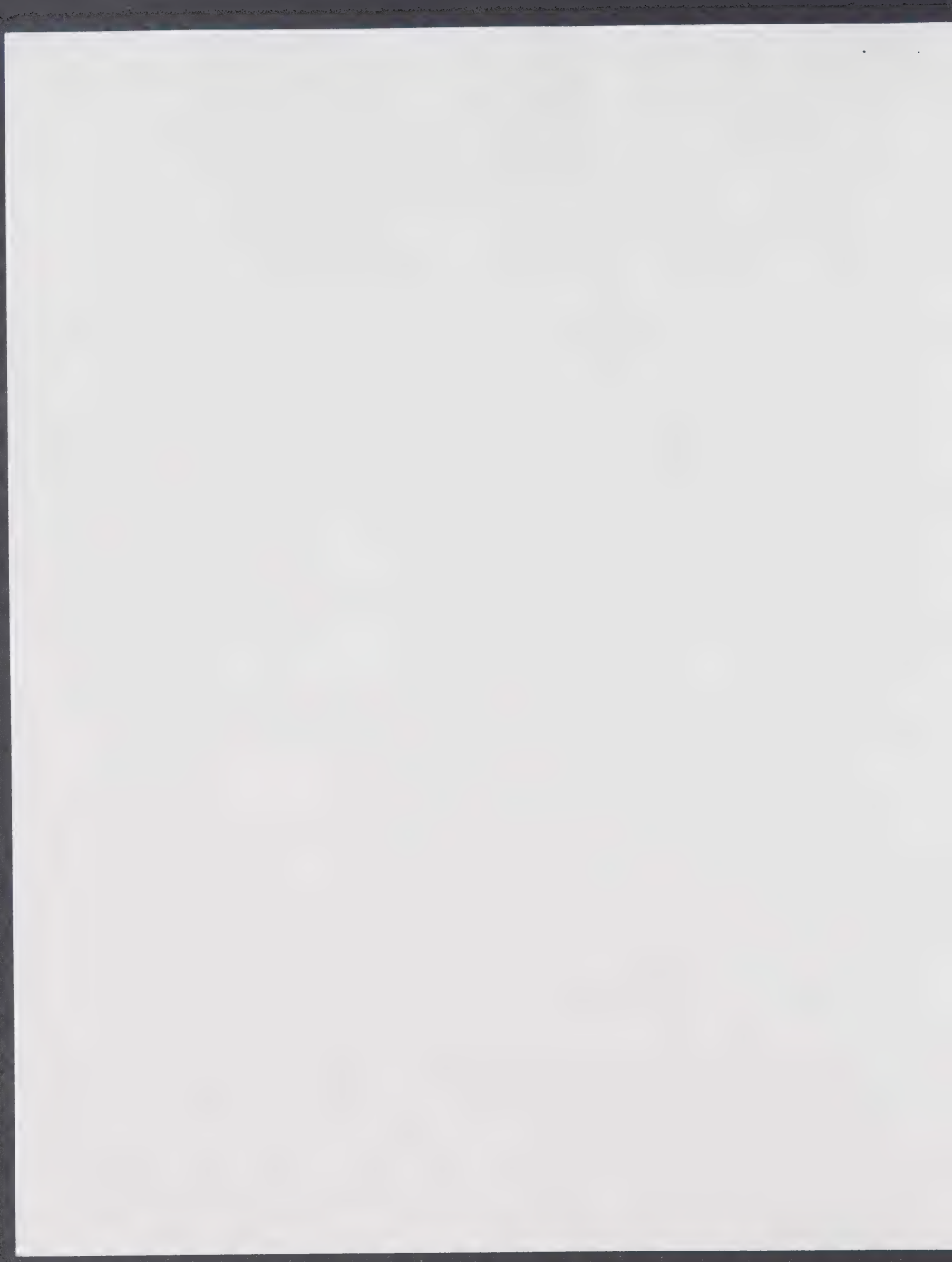
January 4, 1993



33. N.N. Gerasimchuk, L. Nagy, H. G. Schmidt, G. Roesky- New kriterium for the determination NO-group type of coordination from IR-spectra from the IR-spectra and structural data for the Ti(II) complex with 2-pyridilcyanoxime- Russian Journal of Inorganic Chemistry. 1992, v.37, N 4, p.818-823.
34. K.V. Domasevich, N.N. Gerasimchuk- 2-cyano-2-isonitroso-N,N-dimethylthioacetamide- $\text{ONC}(\text{CN})\text{C}(\text{S})\text{N}(\text{CH}_3)_2$ - as a cyanoxime acidoligand.-Ukrainskii Khimicheskii zhurnal- 1992, v.58, N 7, p. 230-234
35. N.N. Gerasimchuk, K.V. Domasevich- Tris-(cyanoximato)ferrate's (III) stability in aqueous solutions-Russian Journal of Inorganic Chemistry. 1992, N 10 (in press submitted for the publication January,1992, registration number 26/1992).
36. N.N. Gerasimchuk, O.A. Zhmurko, S.I. Tukhtenko- 2-pyridilcyanoxime and his copper (II) and nikel(II) complexes-Russian Journal of Inorganic Chemistry. (in press, submitted for the publication in June,1992, registration number 27/1992).
37. N.N. Gerasimchuk, Y.A. Simonov, A.A. Dvorkin, O.N. Rebrova-Synthesis, IR-spectra and structure of Pb(II)-complex with amidecyanoximate ion- $\text{ONC}(\text{CN})\text{C}(\text{O})\text{NH}_2$ -Russian Journal of Inorganic Chemistry (in press, submitted for the publication in June,1992).
38. K.V. Domasevich, S.V. Lindeman, Y.T. Struchkov, N.N. Gerasimchuk, O.A.Zhmurko- Synthesis and research of the copper (II) complexes with N,N-dimethylacetamide - cyanoximat-ion- $\text{ONC}(\text{CN})\text{C}(\text{O})\text{N}(\text{CH}_3)_2$ -Russian Journal of Inorganic Chemistry. (in press, submitted for the publication in July,1992).
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40. O.A. Zhmurko, V.V.Skopenko, S.T. Malinovsky, N.N. Gerasimchuk- Crystal and molecular structure of the 2-quinolylycyanoxime- Doklady Akademii Nauk UkSSR-1992, part B, N 11 (in press).

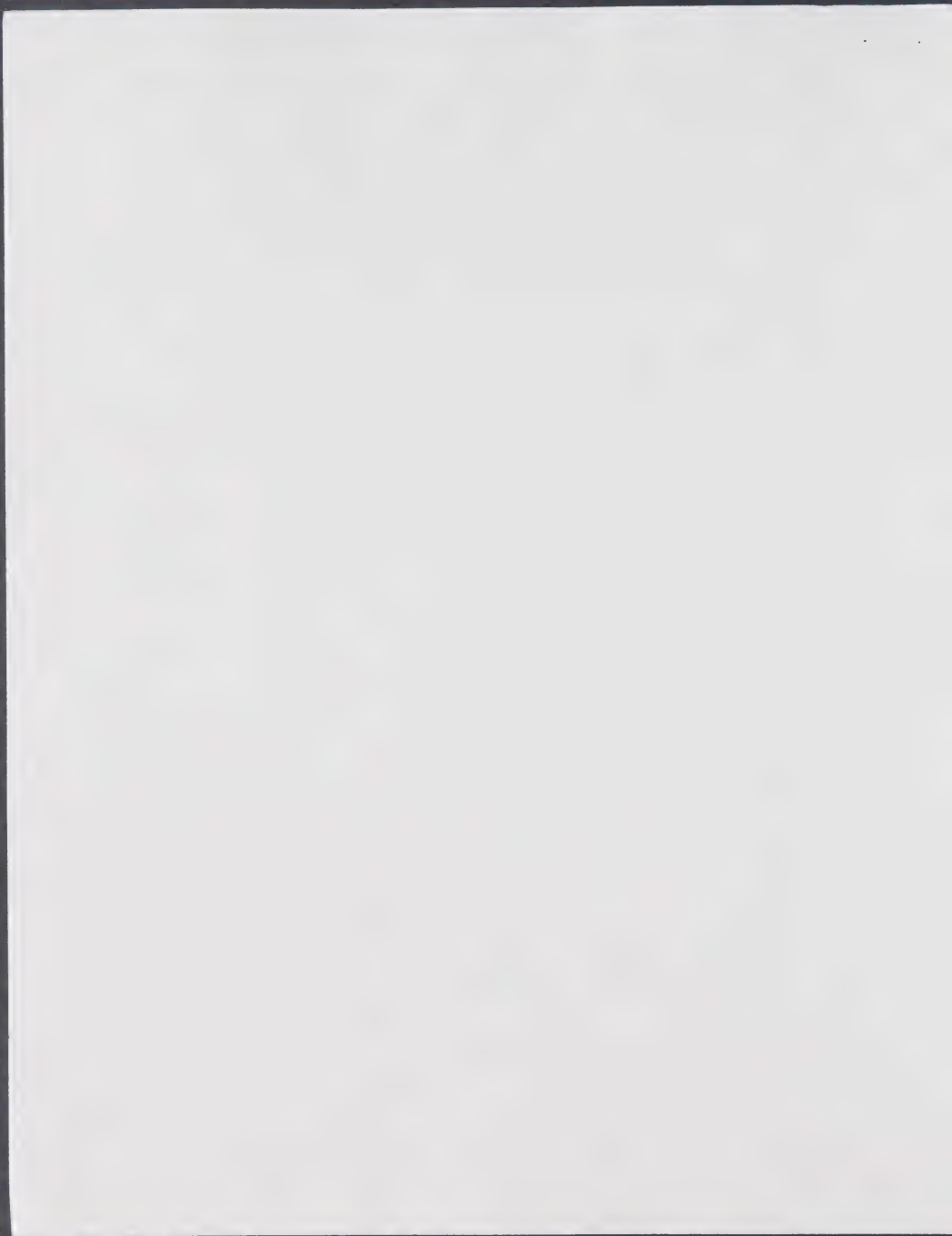


22. V.V. Skopenko, G.K. Paliĭ, N.N. Gerasimchuk, E.F. Makats, V.V. Gritsenko - Antibacterial activity of Copper (II) and Nickel(II) benzocyanamides. Doklady Akademii Nauk UkSSR-1989, part B, N 7, p. 49-51. (Russian with English summary).
23. S.V. Garbuz, V.V. Skopenko, V.D. Khavruchenko, N.N. Gerasimchuk - Quantum-chemical modelling of dicyanoamides and tricyanoamides ions solvation processes. - Teoreticheskaya i eksperimentalnaya khimiya, 1989, N 1, p. 92-96 (English translation p. 82-83).
24. O.A. Domashevskaya, M.D. Mazus, N.N. Gerasimchuk, A.A. Dvorkin, Y.A. Simonov - Crystal and molecular structure of cesium and rubidium nitrosocarbamylcyanmethanimides. - Russian Journal of Inorganic Chemistry. 1989, v.34, N 7, p.1656-1660.
25. N.N. Gerasimchuk, V.V. Skopenko, V.V. Gritsenko, V.A. Gordeev - Copper (II) and Nickel (II) benzoylcyanamide compounds. - Ukrainskii Khimicheskii zhurnal- 1989, v.55, N 10, p. 1011-1014.
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28. O.A. Domashevskaya, Y.A. Simonov, N.N. Gerasimchuk, A.A. Dvorkin, M.D. Mazus- Synthesis and crystal structure of the tetramine aliphatic nickel (II) complex with  $\text{ONC}(\text{CN})\text{C}(\text{S})\text{NH}_2^-$  ion - Koordinatsionnaya khimiya, 1990, v.16, N 11, p. 1544-1548.
29. Y.A. Simonov, O.A. Domashevskaya, V.V. Skopenko, A.A. Dvorkin, N.N. Gerasimchuk- Crystal and molecular structure of the  $[\text{Cu}(\text{dipy})\text{Br}\{\text{ONC}(\text{CN})\text{C}(\text{S})\text{NH}_2\}](1,4\text{-diox})_2$  complex-Koordinatsionnaya khimiya, 1991, v.17, N 9.
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31. N.N. Gerasimchuk, E. Kuzman, A. Buki, A. Vertes, L. Nagy, K. Burger- Synthesis, IR-, Mossbauer studies of  $\text{Eu}(3+)$ - complexes formed with cyanoxime anions- Inorg. Chimica Acta, 1991, v. 188, N 11, p.45-50.
32. N.N. Gerasimchuk, L. Nagy, V.V. Skopenko- Unusual magnetic properties of the iron (III) complex  $[\text{Fe}(\text{dipy})_2\{\text{ONC}(\text{CN})_2\}_2]\{\text{ONC}(\text{CN})_2\}\text{CH}_3\text{CN}$ . Experimental facts-Doklady Akademii Nauk UkSSR-1991, part A, N 7. (Russian with English summary).



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12. S.I. Tukhtenko, A.T. Pilipenko, N.N. Gerasimchuk, T.I. Makarenko, N.P. Bernik- Conformations of 1-nitroso-2-naphthol in solutions from the dynamic  $^1\text{H}$  and  $^{13}\text{C}$  NMR data- Doklady Akademii Nauk UkSSR-1987, part B, N 11, p. 60-64. (Russian with English summary).
13. O.A. Domashevskaya, V.D. Khavruchenko, N.N. Gerasimchuk- Quantumchemistry calculations and NMR spectra of nitrosotiocarbamylcyanmethanid-ion and proper oxo-analog- Ukrainskii Khimicheskii zhurnal- 1988, v.54, N 3, p. 235-240.
14. V.D. Khavruchenko, O.A. Domashevskaya, N.N. Gerasimchuk, V.V. Skopenko- Vibration spectra and structure of nitrosotiocarbamylcyanmethanid-ion- Teoreticheskaya i eksperimentalnaya khimia-1988, N 3, p. 303-312 ( English translation from Russian).
15. S.V. Garbuz, V.V. Skopenko, N.N. Gerasimchuk, A.M. Shakhvorost- Triphenylphosphonyl Dicyanamid solvation - Teoreticheskaya i eksperimentalnaya khimia - 1988, N 3, p.361-366. English version p.351-355.
16. V.V. Griushko, V.V. Skopenko, N.N. Gerasimchuk- Synthesis and some properties of the copper (II) and nickel (II) complexes with benzoilcyanamide- Doklady Akademii Nauk UkSSR-1988, part B, N 4, p. 82-85. (Russian with English summary)
17. N.V. Ulko, N.N. Gerasimchuk- Synthesis and spectroscopical research of the iron (III) coordination compounds with nitrosocarbomoylcyanmethanid-ion- Vestnik Kievskogo Universiteta, 1988, part B, N 29, p. 39-43. (Russian)
18. S.I. Tukhtenko, A.T. Pilipenko, N.N. Gerasimchuk, T.I. Makarenko - Syntheses , separation and NMR-investigation of the cobalt (III) 1-nitroso-2-naphthol - Doklady Akademii Nauk UkSSR-1988, part B, N 8 (Russian with English summary).
19. O.A. Domashevskaya, M.D. Mazus, A.A. Dvorkin, Y.A. Simonov, N.N. Gerasimchuk- Structure of  $\text{K}\{\text{ONC}(\text{CN})\text{C}(\text{O})\text{NH}_2\}$ - Russian journal of inorganic chemistry- 1988, v.33, N 12, p.3026-3030.
20. O.A. Zhmurko, V.V. Skopenko, N.N. Gerasimchuk- 2-isonitroso-2-cyan-acetahydrazid-  $\text{ONC}(\text{CN})\text{C}(\text{O})\text{NHNH}_2$ - new nonplanar cyanoxime acidoligand- Doklady Akademii Nauk UkSSR-1989, part B, N 4, p. 36-30. (Russian with English summary).
21. K.V. Domasevich, V.V. Skopenko, N.N. Gerasimchuk - 2-Nitroso 2-Cyan-N,N-Dimethylacetamide-ion  $\text{ONC}(\text{CN})\text{C}(\text{O})\text{N}(\text{CH}_3)_2$ - new non-planar methanide-type acidoligand - Doklady Akademii Nauk UkSSR-1989, part B, N 5, p. 26-31. (Russian with English summary).

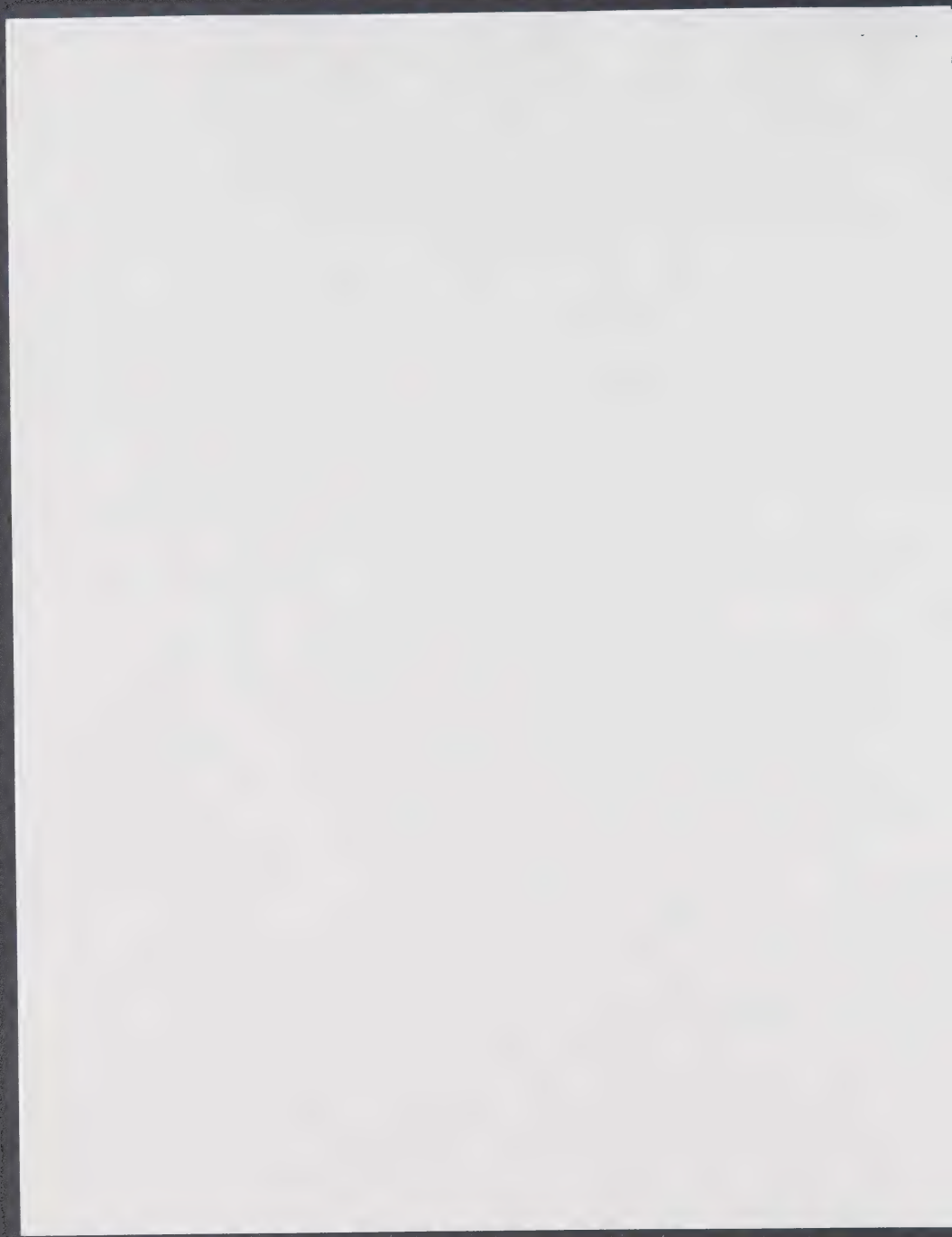




DR. ALFRED BADER

## List of Publications

1. V.V. Skopenko, N.N. Gerasimchuk - Synthesis of the iron(II) coordination compounds (II) with amide and methanide types of acidoligands-Doklady Akademii Nauk UkSSR-1983, part B, N 2, p. 44-46 (Russian with English summary).
2. V.V. Skopenko, N.N. Gerasimchuk, E.V. Polshin- Nitrosocarbamilmethanide complexes of iron (II) - Doklady Akademii Nauk UkSSR 1983, part B, N 12, p.40-43. (Russian with English summary).
3. N.N. Gerasimchuk, V.V. Skopenko, S.I. Tukhtenko -  $^{13}\text{C}$ -spectra  $\text{K}\{\text{C}(\text{CN})_3\}$ ,  $\text{K}\{\text{ONC}(\text{CN})_2\}$ ,  $\text{K}\{\text{N}(\text{CN})_2\}$  and their carbamyl derivatives-Doklady Akademii Nauk UkSSR-1984, part B, N 9, p. 28-30. (Russian with English summary)
4. V.V.Skopenko, N.N.Gerasimchuk, E.V. Polshin- Synthes and investigation of iron(II) complexes with amide and methanide types of ligand- Koordinatsionnaya khimiya-1984, N 12, p. 1662-1668.(Russian)
5. N.N. Gerasimchuk, V.V.Skopenko, S.I. Tukhtenko-Potassium nitrosodicyanmethanide solvation after  $^{14}\text{N}$  and  $^{15}\text{C}$  NMR-spectroscopy data - Doklady Akademii Nauk UkSSR-1984, part B, N 12, p. 34-38. (Russian with English summary).
6. N.N.Gerasimchuk, V.V. Skopenko, S.I.Tukhtenko- External sphere tris-diamine iron(II) complexes with methanide and amide types of ligand- Ukrainskii khimicheskii zhurnal-1985, v. 51, N 3, p.232-238.
7. S.I.Tukhtenko, N.P.Bernik, A.T. Pilipenko, Y.M. Voiovenko, N.N.Gerasimchuk- Tautomerism and solvation - oximino-(2-quinoly)acetonitril after the  $^{13}\text{C}$  and  $^1\text{H}$  NMR- spectroscopy data- Doklady Akademii Nauk UkSSR-1986, part B, N 1, p. 58-62 (Russian with English summary).
8. V.V. Skopenko, G.K.Palii, E.P. Makats, N.N. Gerasimchuk- External sphere tris-diamine complexes of iron(II) and their antibacterial activity-Doklady Akademii Nauk UkSSR-1986, part B, N 2, p. 45-48. (Russian with English summary).
9. V.V.Skopenko, O.A. Domashevskaya, N.N.Gerasimchuk, S.I.Tukhtenko- Nitrosotiocarbamildicyanmethanide-ion -  $\text{ONC}(\text{CN})\text{C}(\text{S})\text{NH}_2$ - new, nonplanar methanide type ligand- Ukrainskii khimicheskii zhurnal- 1986, v.52, N 7, p. 686-691.
10. V.V. Skopenko, N.N. Gerasimchuk, S.A. Bobkova, R. Benedix, H. Hennig- Magnetochemische und Mossbauer-spektroskopische Untersuchungen an Eisen (II)-Komplexen mit Cyanmethanid-bzw-cyanamid liganden-Z.Anorg. und Allg. Chem.-1986, 542 v. , 117-122.
11. V.V.Skopenko, N.N.Gerasimchuk, S.I. Tjukhtenko, H. Kohler- Spectroscopische untersuchungen an Eisen(II)-nitrosodicyanmethanid- und nitrosocarbomollicyanmethanid Komplexen  $[\text{Fe}\{\text{ONC}(\text{CN})_2\}(\text{C}_5\text{H}_5\text{N})_4]$  und  $[\text{Fe}\{\text{ONC}(\text{CN})\text{C}(\text{O})\text{NH}_2\}(\text{C}_5\text{H}_5\text{N})_2]$ - Z. Anorg. und



## Personal and Professional Data

**Name:** Nikolay (Nick) Gerasimchuk

**Born:** August 26, 1959

**Education:** 1976: High school graduation (Vinnitsa, Ukraine)

**1976-1981:** Studies, and graduation from the Shevchenko State University in Kiev, majoring in Inorganic Chemistry

**1981-1984:** Post-graduate studies under the direction of Prof. V.V.Skopenko (Department Head). The dissertation, entitled "Synthesis and Investigation of Iron(II) Complexes which Include Non-linear Acidoligands of the Methanide- and Amide- types", dealt with anaerobic preparation of unstable Fe(II) complexes with the anions of C-H, and N-H acids, and with neutral heterocyclic amines.

**1985:** Defence of the above dissertation, and obtaining the "Candidate of Science" degree (the Soviet equivalent of Ph.D.)

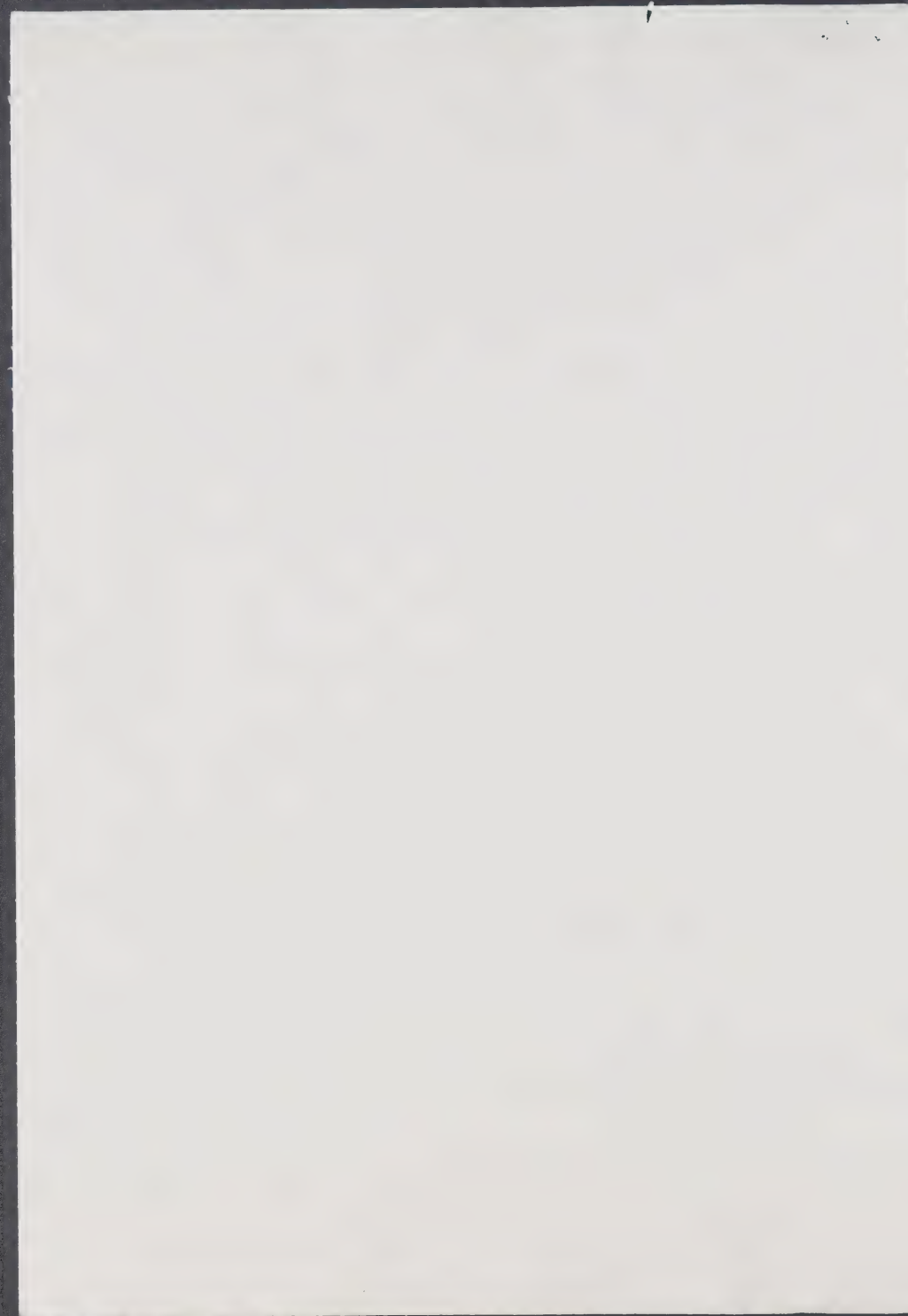
**1986-1989:** Assistant Professor in the Department of Inorganic Chemistry at the Kiev State University, organizing there in 1987 a laboratory for Mossbauer spectroscopy and magnetochemistry.

**1989-1990:** Visiting Researcher at the University of Szeged (Hungary), under the direction of Prof. K.Burger.

**1990-:** Teaching, and doing research back in Kiev, supervising two graduate and two undergraduate students, who are working on problems of complexation of p-, d-, f- metals with cyanoxime anions.

**1991 -** Getting of the Associate Professor position at Kiev's University.

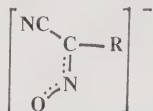
**Publications:** Authored or co-authored 40 articles since 1982, and presented 13 posters.



**Areas of Interest:**

Coordination chemistry of ligands derived from the deprotonation of diversely substituted cyanoximes (vide infra). These yellow anions exhibit amphoteric behavior during coordination, and also have biological activity. The four USSR patents about antimicrobial activity of cyanoximes and their complexes have been registered.

The currently known cyanoxime anions are:

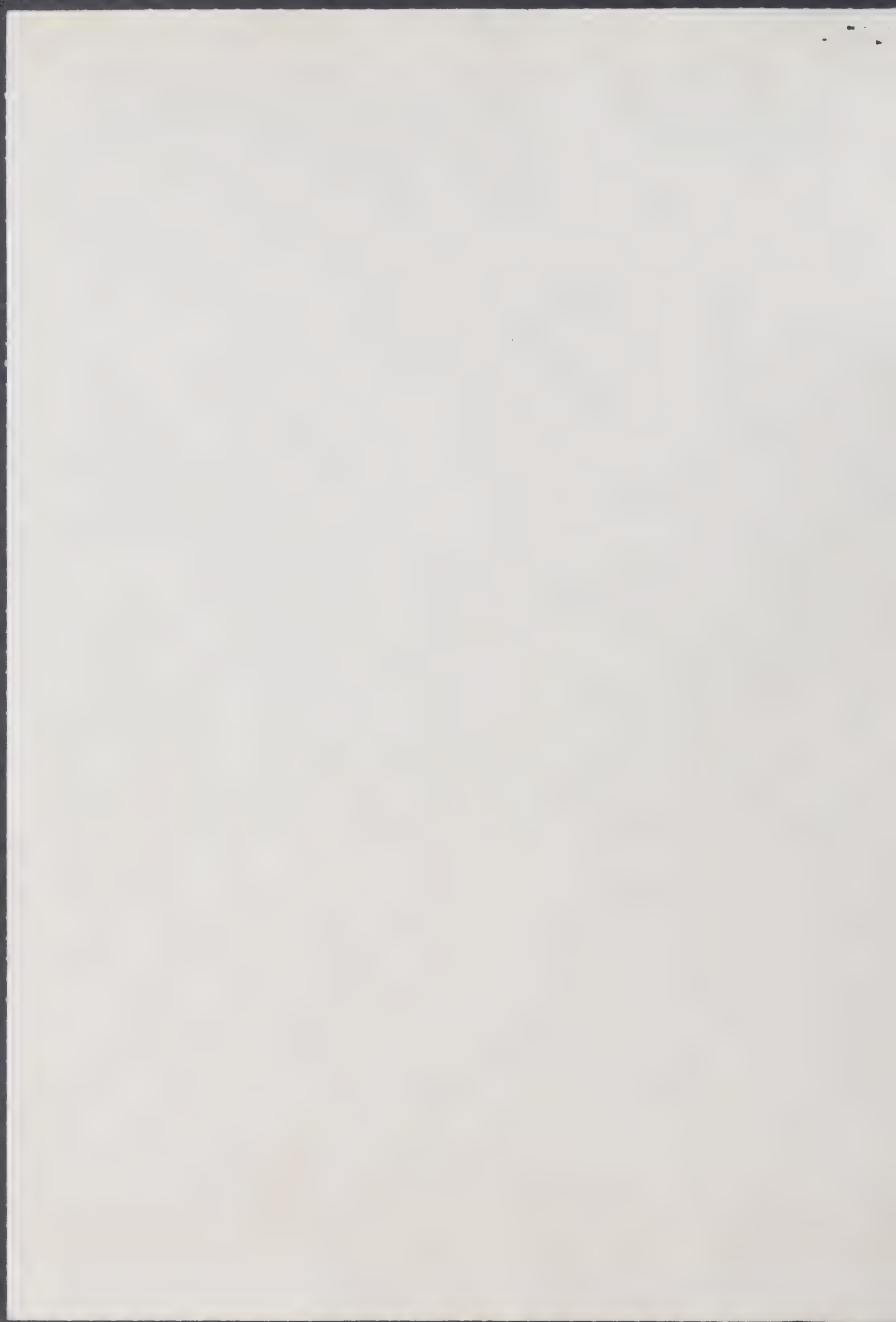


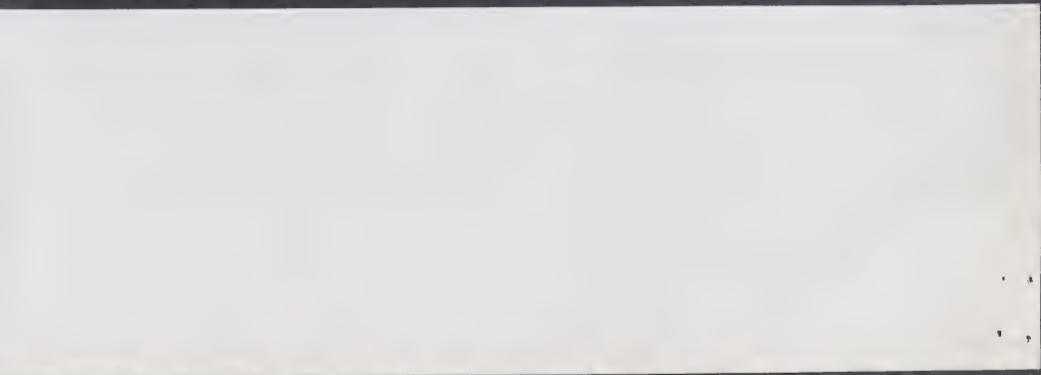
where R = CN, C(O)NH<sub>2</sub>, C(S)NH<sub>2</sub>, C(O)OR', C(O)C<sub>6</sub>H<sub>5</sub>, C(O)C(CH<sub>3</sub>)<sub>2</sub>,  
2-pyridyl, 2-quinolyl, C(O)NHNH<sub>2</sub>, C(O)N(CH<sub>3</sub>)<sub>2</sub>, C(S)N(CH<sub>3</sub>)<sub>2</sub>,  
**2-thiazolyl.**

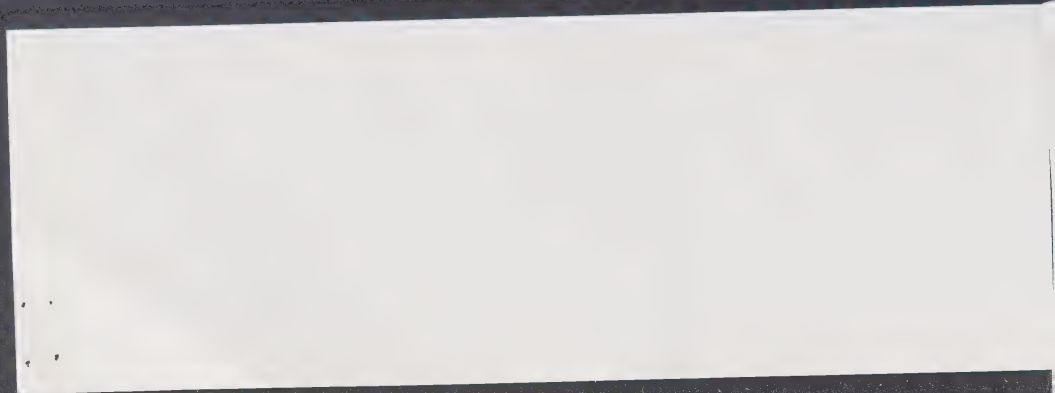
The last four ligands were prepared by me for the first time. Their complexes with Ag(I), Tl(I), Pb(II), Cu(II), Ni(II), Sb(V), Sn(IV), Eu(III), Fe(II) were studied; the underlined metal ions for the purpose of Mossbauer spectroscopy.

I have carried out X-ray crystallographic structure determination on some protonated cyanoximes, and on their K, Rb and Cs salts, as well as on their Tl, Sb, Ni and copper complexes. Altogether 21 structures of the obtained compounds have been determined.

In addition, I have 11 years experience in anaerobic techniques, and in the preparation of unstable compounds. In my research I use routinely the following physical methods: IR, VIS, and NMR (1-H, 13-C, 14,15-N) spectroscopy, thermogravimetry, magnetochemistry, X-ray powder diffraction and, occasionally ESR.











## ALFRED BADER FINE ARTS

DR. ALFRED BADER

December 24, 1992

ESTABLISHED 1961

Via Fax 011 7 44 413 3138

Dr. N. Gerasimchuk and  
Dr. A. Esaulenko

Dear Dr. Gerasimchuk and Dr. Esaulenko:

I returned from England yesterday and was so happy to receive, last night, your 2 faxes sent to my home.

Dr. Cori has decreed that Isabel and I should not pick you up in Chicago, but that Bob Wandler do so. Of course, Cori has no control over us, but on the other hand we do not want to endanger Bob's position; he is our good friend and very competent. Hence, we decided that all three of us would meet you at the Chicago O'Hare Airport on Friday, January 1, 1993.

If the weather is reasonable, the three of us will drive to Chicago. Sometimes at this time of the year there are snow storms, and if so the three of us will come to O'Hare by bus and return to Milwaukee by bus, with you.

Aldrich has made reservations for you at the Holiday Inn from Friday night until Tuesday morning. This hotel is within easy walking distance of Aldrich. From Tuesday on, you will stay with us at our home. The two guest rooms are not as modern as the hotel's, but the paintings are better.

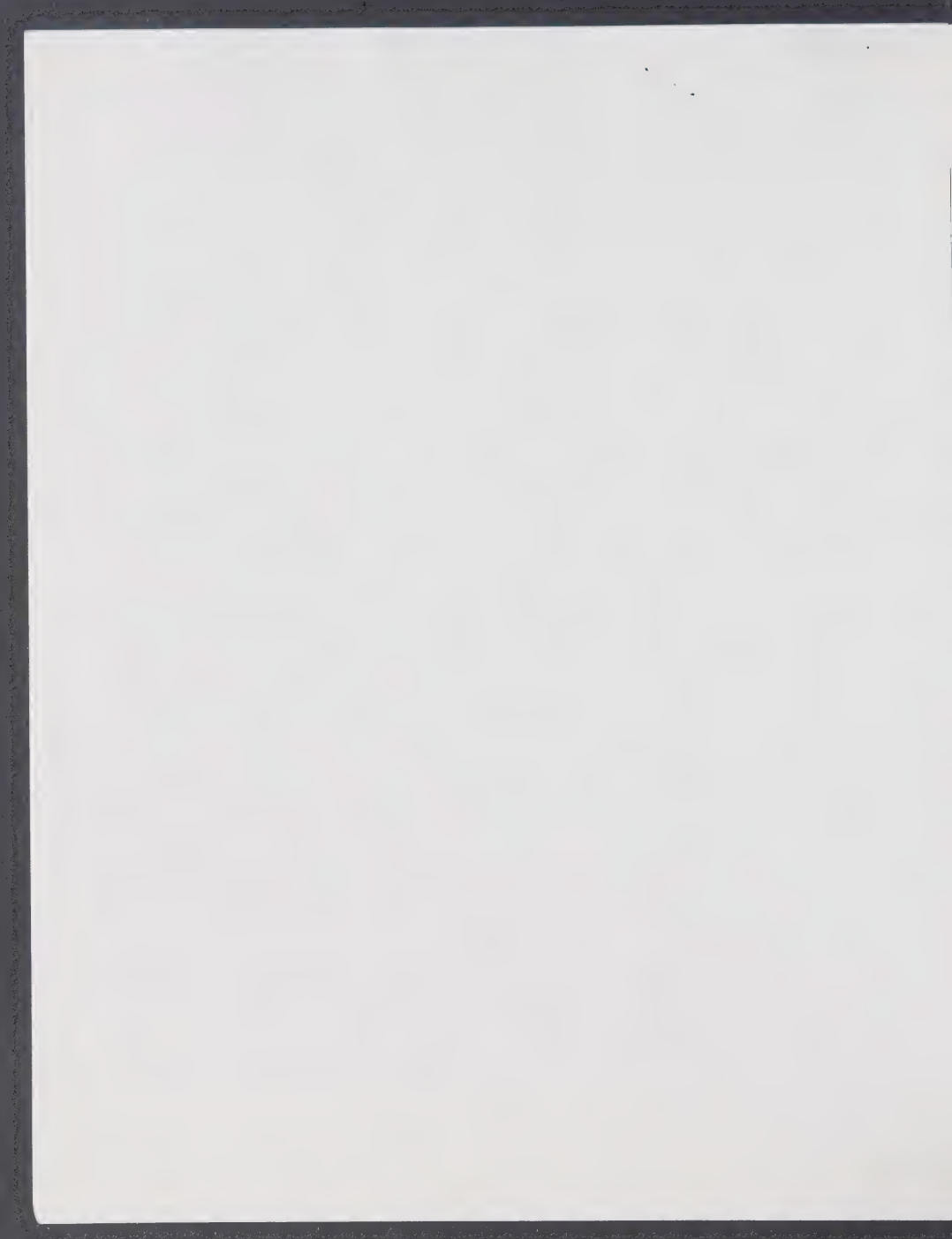
Of course, my hope had been that eventually you would either work with Aldrich in Milwaukee or represent Sigma-Aldrich in the Ukraine. We can discuss this during your visit, but I am no longer in a position to shape decisions.

If I were still Chairman Emeritus, I would make certain that you are paid most of the royalty due you on the equipment sales, and I will recommend this to the people in charge.

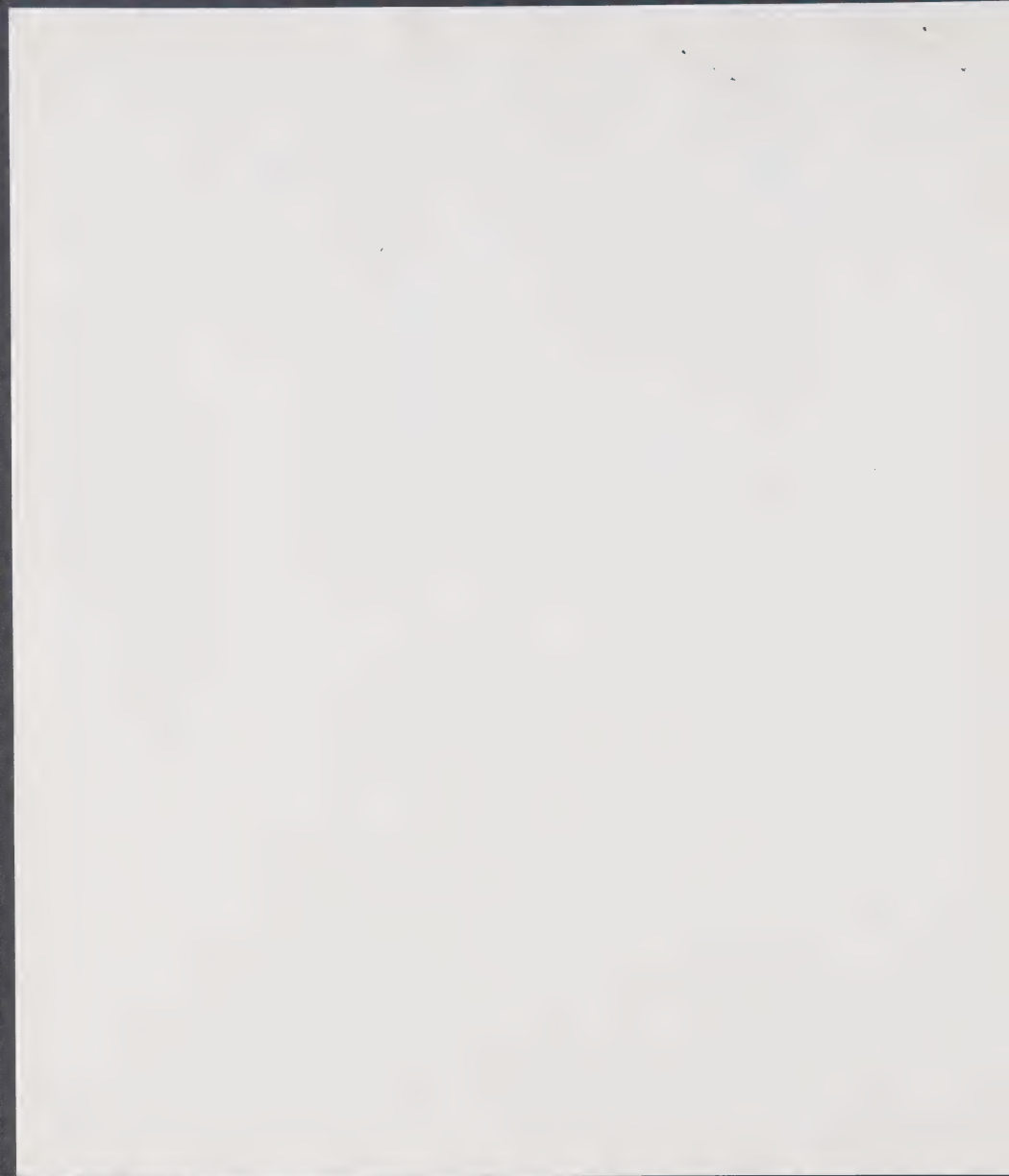
Fond regards,

c: Mr. Robert Wandler

*By Appointment Only*  
ASTOR HOTEL SUITE 622  
924 EAST JUNEAU AVENUE  
MILWAUKEE WISCONSIN USA 53202  
TEL 414 277-0730 FAX 414 277-0709

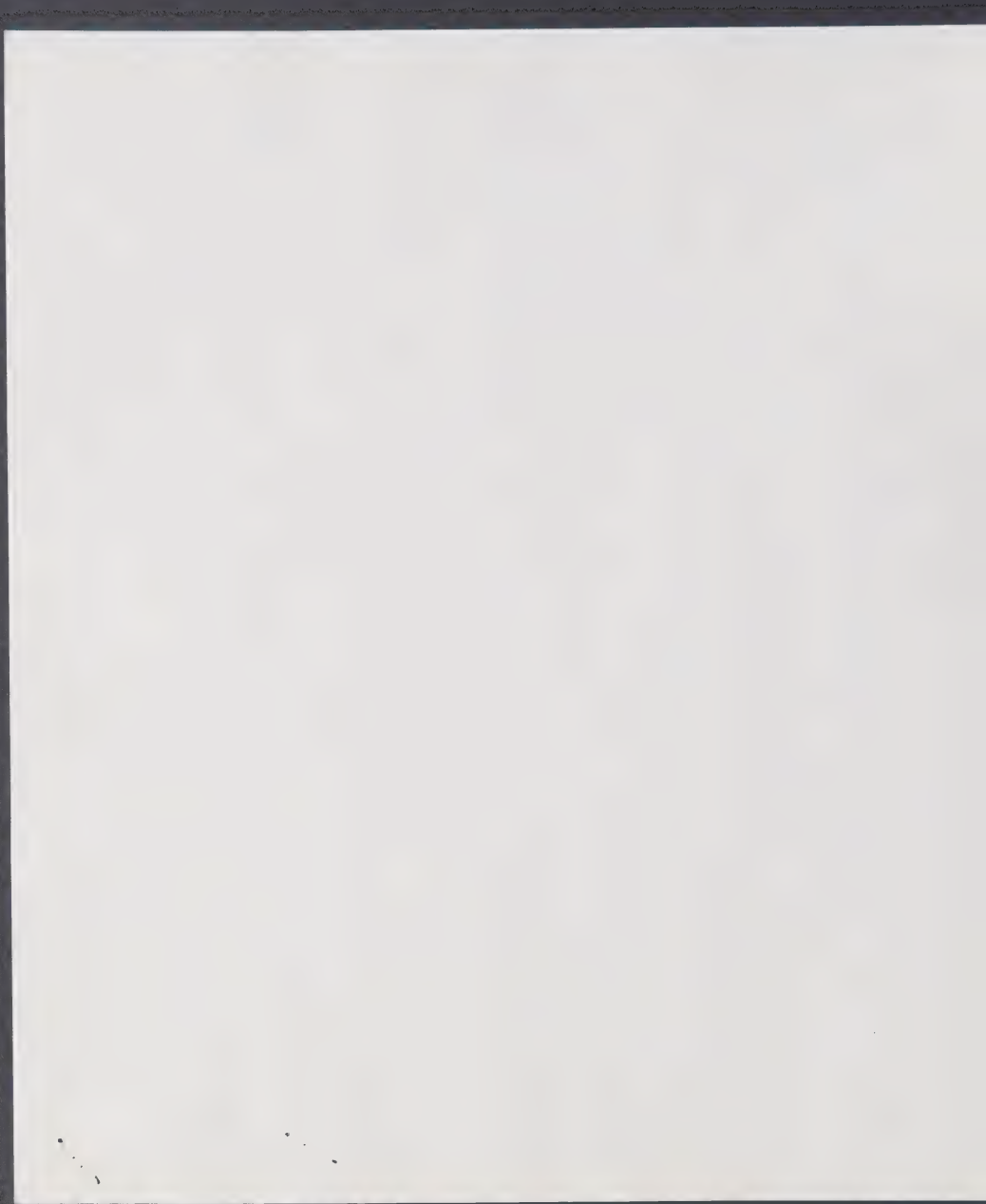


011-71

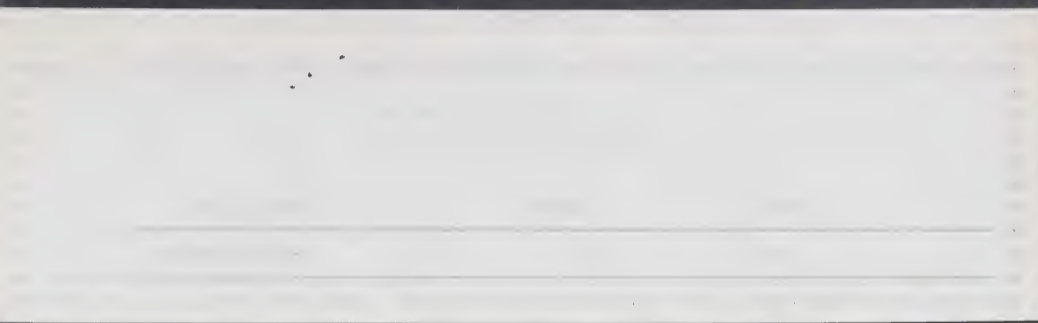


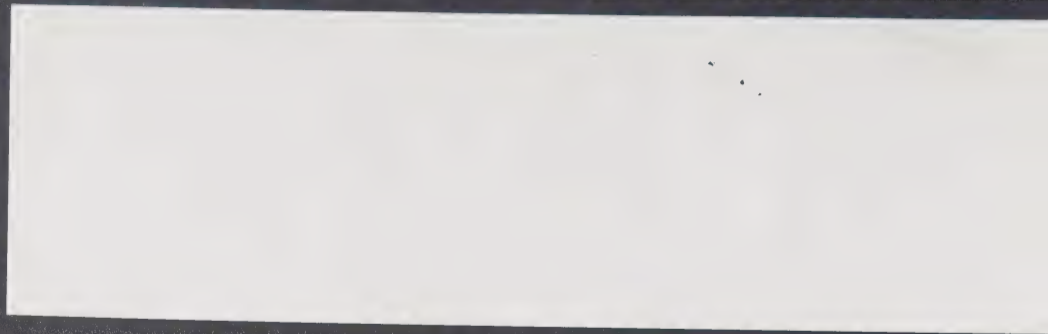
THE STATE OF TEXAS,  
COUNTY OF [illegible]  
I, [illegible], Clerk of the County,  
do hereby certify that [illegible]  
is the true and correct copy of [illegible]  
as the same appears from the records  
of the County of [illegible] State of Texas.  
Witness my hand and the seal of the County  
at [illegible] this [illegible] day of [illegible] 19[illegible].

*E. L. [illegible]*



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ALFRED BADER FINE ARTS

DR. ALFRED BADER

ESTABLISHED 1961

December 24, 1992

Via Fax 011 7 44 413 3138

Dr. N. Gerasimchuk and  
Dr. A. Esaulenko

Dear Dr. Gerasimchuk and Dr. Esaulenko:

I returned from England yesterday and was so happy to receive, last night, your 2 faxes sent to my home.

Dr. Cori has decreed that Isabel and I should not pick you up in Chicago, but that Bob Wandler do so. Of course, Cori has no control over us, but on the other hand we do not want to endanger Bob's position; he is our good friend and very competent. Hence, we decided that all three of us would meet you at the Chicago O'Hare Airport on Friday, January 1, 1993.

If the weather is reasonable, the three of us will drive to Chicago. Sometimes at this time of the year there are snow storms, and if so the three of us will come to O'Hare by bus and return to Milwaukee by bus, with you.

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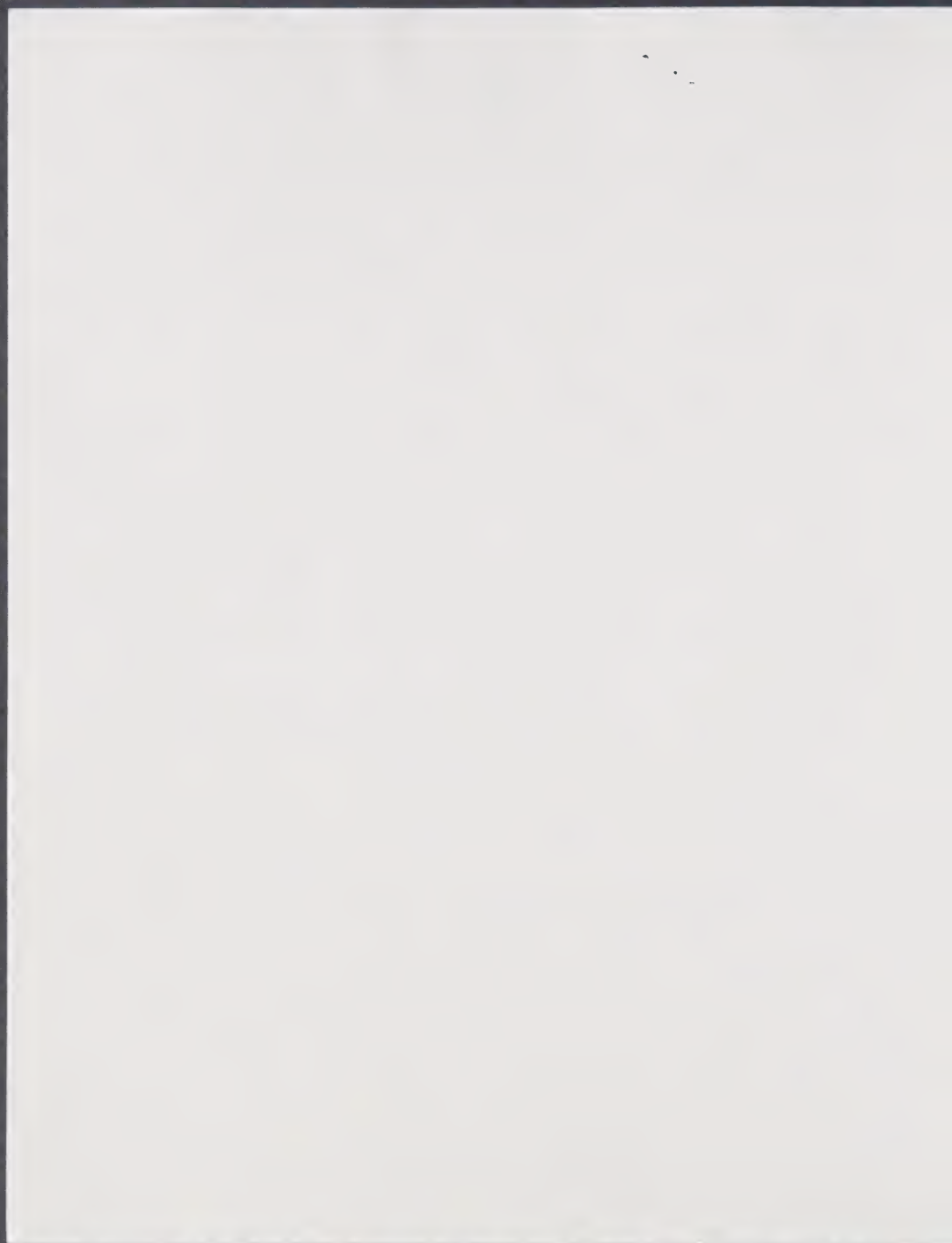
Of course, my hope had been that eventually you would either work with Aldrich in Milwaukee or represent Sigma-Aldrich in the Ukraine. We can discuss this during your visit, but I am no longer in a position to shape decisions.

If I were still Chairman Emeritus, I would make certain that you are paid most of the royalty due you on the equipment sales, and I will recommend this to the people in charge.

Fond regards,

c: Mr. Robert Wandler

*By Appointment Only*  
ASTOR HOTEL SUITE 622  
924 EAST JUNEAU AVENUE  
MILWAUKEE WISCONSIN USA 53202  
TEL 414 277-0730 FAX 414 277-0709



FAX FROM

DR. ALFRED R. BADER  
Suite 622  
924 East Juneau Avenue  
Milwaukee, Wisconsin 53202  
Telephone 414-277-0730  
Fax No. 414-277-0709

December 29, 1992

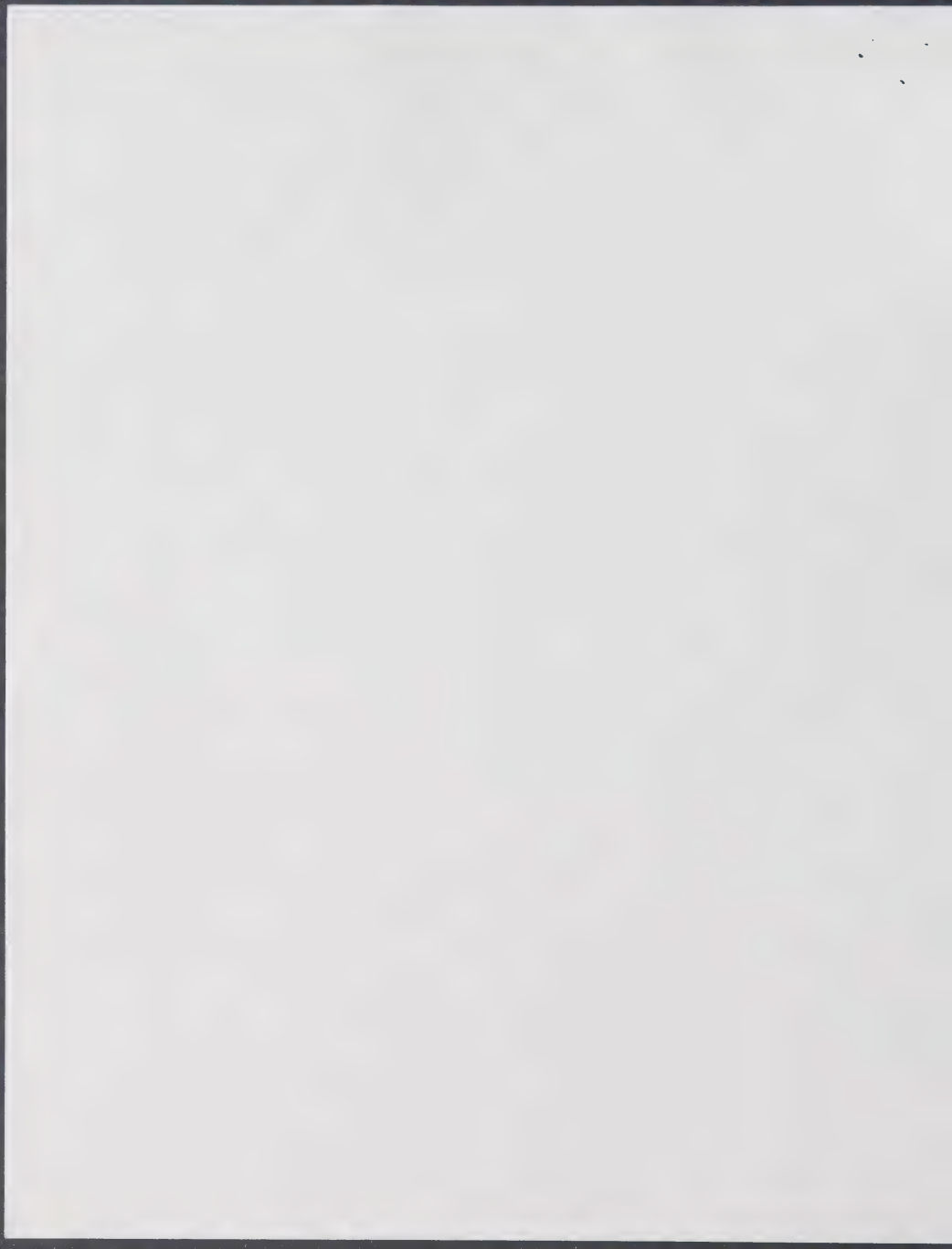
To: Dr. N. GERASIMCHUK & DR. A. ESAULENKO  
Via FAX 011 7 044 413 3138

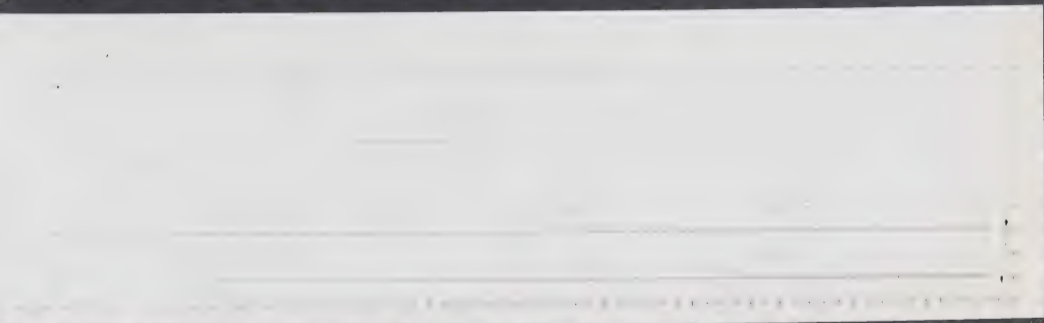
Dear Dr. Gerasimchuk & Dr. Esaulenko:

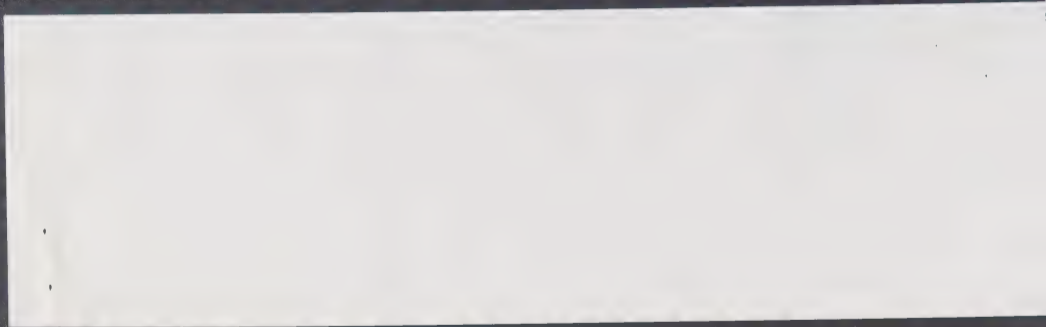
Bob Wandler has just informed me that he has a check for you in the sum of \$2295.00 for Lot 17 of the samples. He will give you this check when you arrive, and you will then be able to cash it without any difficulty, on Monday. Thus, you should have sufficient funds for your trip.

I hope you received the long fax I sent you two days ago.

*Alfred R. Bader*







Dr. Nick Gerasimchuk  
Kiev, UKRAINE

FAX MESSAGE

December 20, 1992.

Dr. A. Bader  
North Sheppard Avenue  
2961, Milwaukee  
Wisconsin 53211

Dear Dr. Bader:

Dr. Esaulenko and I happy to inform you that we've got the payment for the lots # 12, 13, 14, 15. Many thanks to Mr. Robert Wandler:

We have visited Szeged at the beginning of December this year and new part of a nice organic compounds will come to the ABC-library soon.

Also I'm very glad to inform you that Dr. Esaulenko A. have bought a personal FAX machine and than mount it at his flat. So, now our communications became more easy. Would you be so kind to confirm receiving this message by FAX to our machine according to the number:

011-7 (044) 413-31-38

It is important for the test of phone-line and our machine in connection with the US systems.

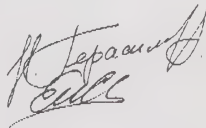
MARRY CHRISTMAS:

HAPPY NEW YEAR!

Best personal regards to Mrs. Isabel Bader!

Yours truly,

Nick Gerasimchuk  
Andrew Esaulenko



24/12 '92 12:10

☎ 0442287272

Kiev Post

001

Dr. Alfred Bader,

P.O.Box 93225,  
Milwaukee, Wisconsin 53203  
USA  
FAX:414 962 8322

A.N.Esaulenko,  
Kiev, December 22,1992,  
FAX:(044) 413-31-38,

Dear Mr.Bader,

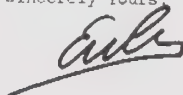
Together with Dr.N.N.Gerasimchuk, we will start on January 1. Our flight Moskow-Chicago is # SU 329B. Arrival the same date at 1-2 p.m.. We have got the information that You are going to meet us in O'Hare Airport. Could You send us a confirmation message via my home fax:(044)-413-31-38. The auxiliary channel is Dr.J.Andor's business fax.

In any case we are able to go to Milwaukee independently on the 1 of January, or to stay in Chicago to meet You and Isabel at the 2 of January. In the second case we will send You our correspondent telegraph or fax message from Chicago.

I and Kolja are looking forward to meet You and Isabel again.

I wish You and Isabel Merry Christmas and Happy New Year!

Sincerely Yours,



Andrey Esaulenko



U. S. GOVERNMENT  
WASHINGTON, D. C. 20540  
1981 JAN 22 11 44

TO: DIRECTOR, FBI  
FROM: SAC, NEW YORK  
SUBJECT: [Illegible]

RE: [Illegible]

DATE: [Illegible]

[Illegible text]

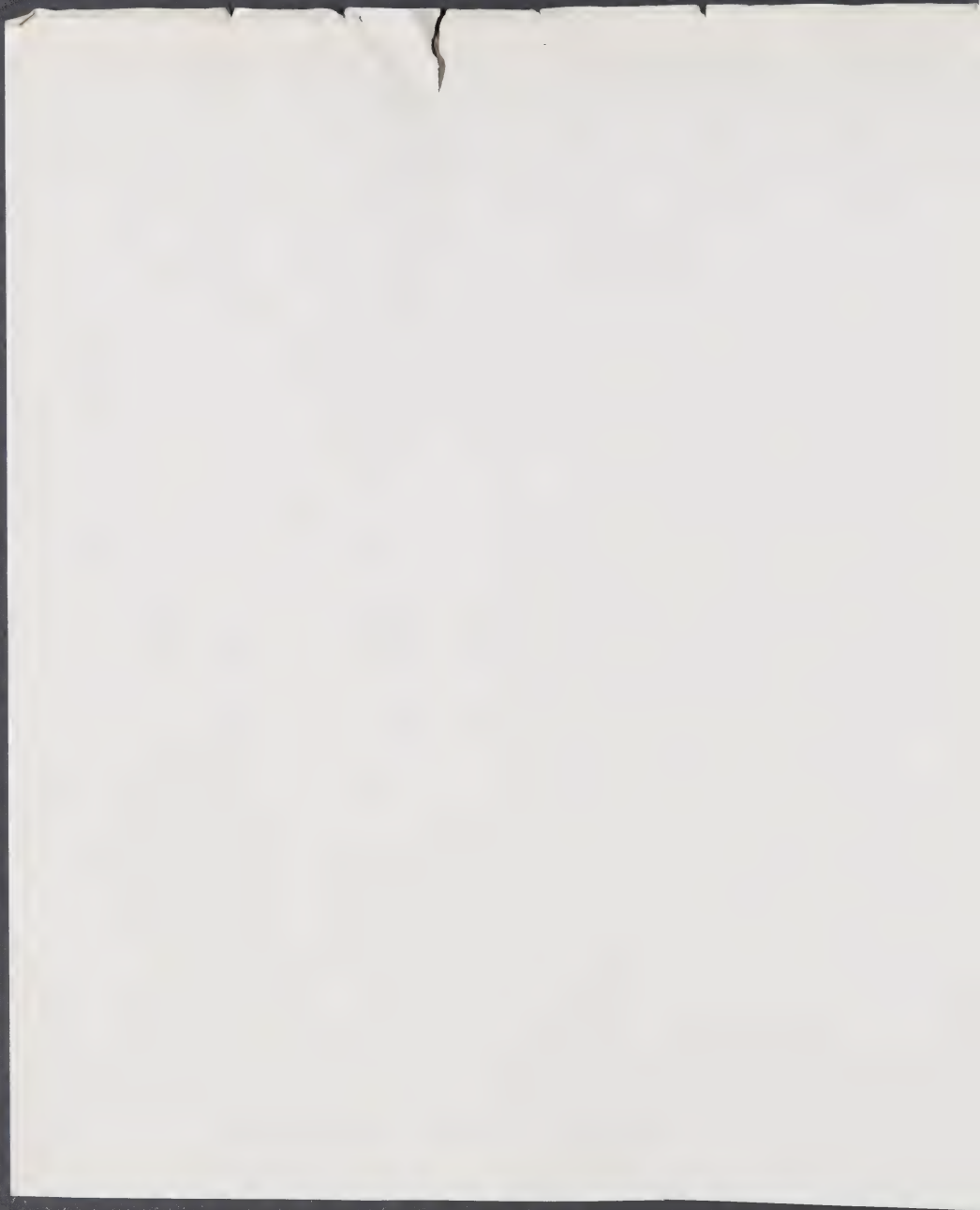
[Illegible text]

[Illegible text]

Happy New Year

[Illegible signature]

[Illegible text]



Dr. Alfred Bader  
2961 North Shepard Avenue  
Milwaukee, Wisconsin 53211

December 1, 1992

Dr. N. Gerasimchuk and  
Dr. A. Esaulenko  
c/o Prof. Dr. Andor Jozsef  
Eros J., u. 4 (IVe/16)  
H6723 Szeged, Hungary

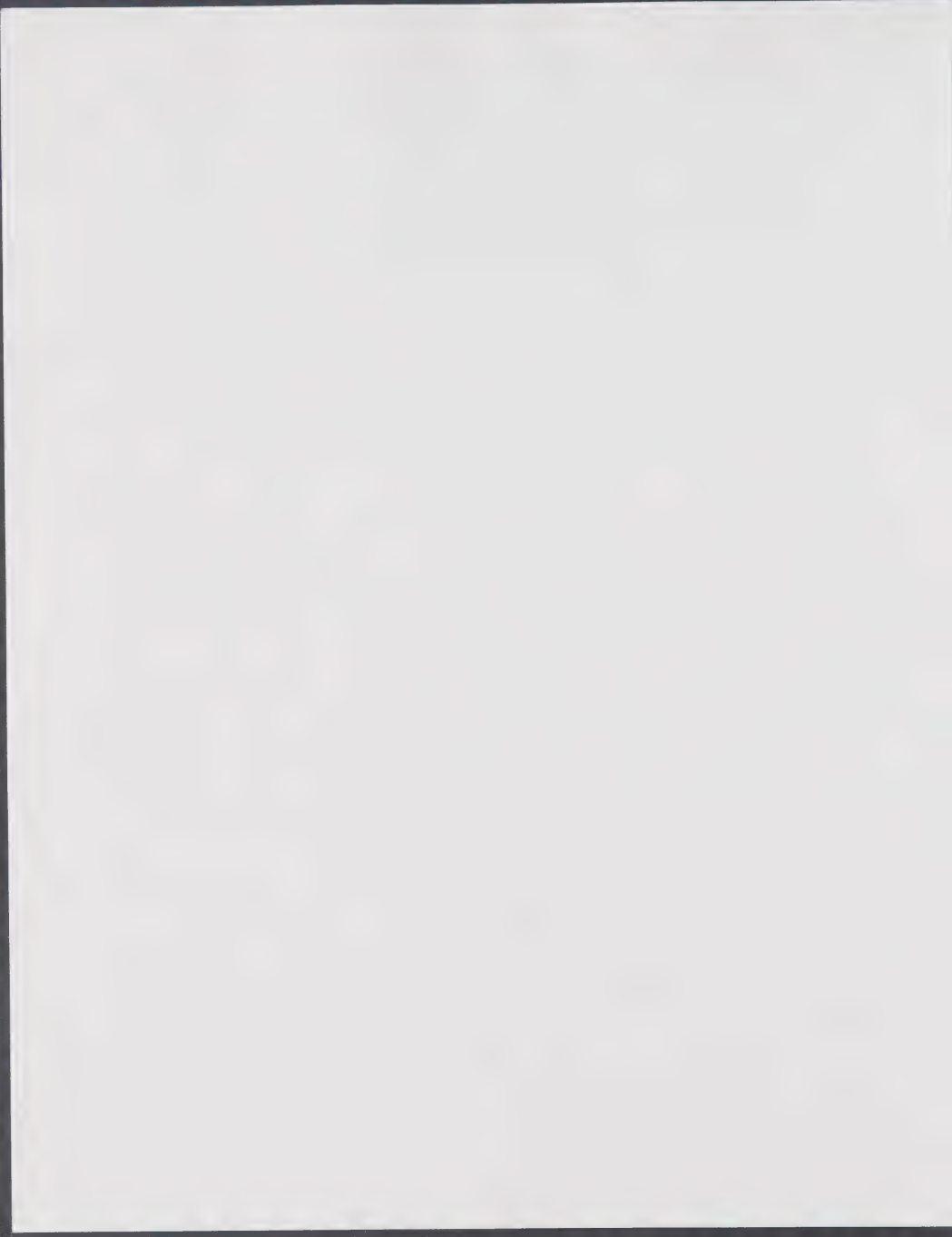
Dear Dr. Gerasimchuk and Dr. Esaulenko:

Dr. Bader called me yesterday, from England, and asked me to let you know that he will meet you at O'Hare Airport on January 1st. Please send details of your arrival, name of airline, flight number and time of arrival. I will contact Dr. Stephen Branca so that he can make hotel reservations for you while you are visiting Aldrich.

Sincerely,



Marilyn Hassmann  
Secretary to Dr. Bader



Dr. Nick Gerasimchuk  
Chemist, Associate Prof.

Department of Inorganic Chemistry  
Chemical Faculty  
Kiev University  
Vladimirskaya 64, st., 252017,  
Kiev, UKRAINE

November 15, 1992.

Dr. A.Bader

North Sheppard Avenue  
2961, Milwaukee  
Wisconsin 53211

Dear Dr.Bader:

I'm happy to inform you that our attempt to get an American entry visa was succeed. Thus, the first step has been done. Now we are awaiting for Ukranian exit visas.

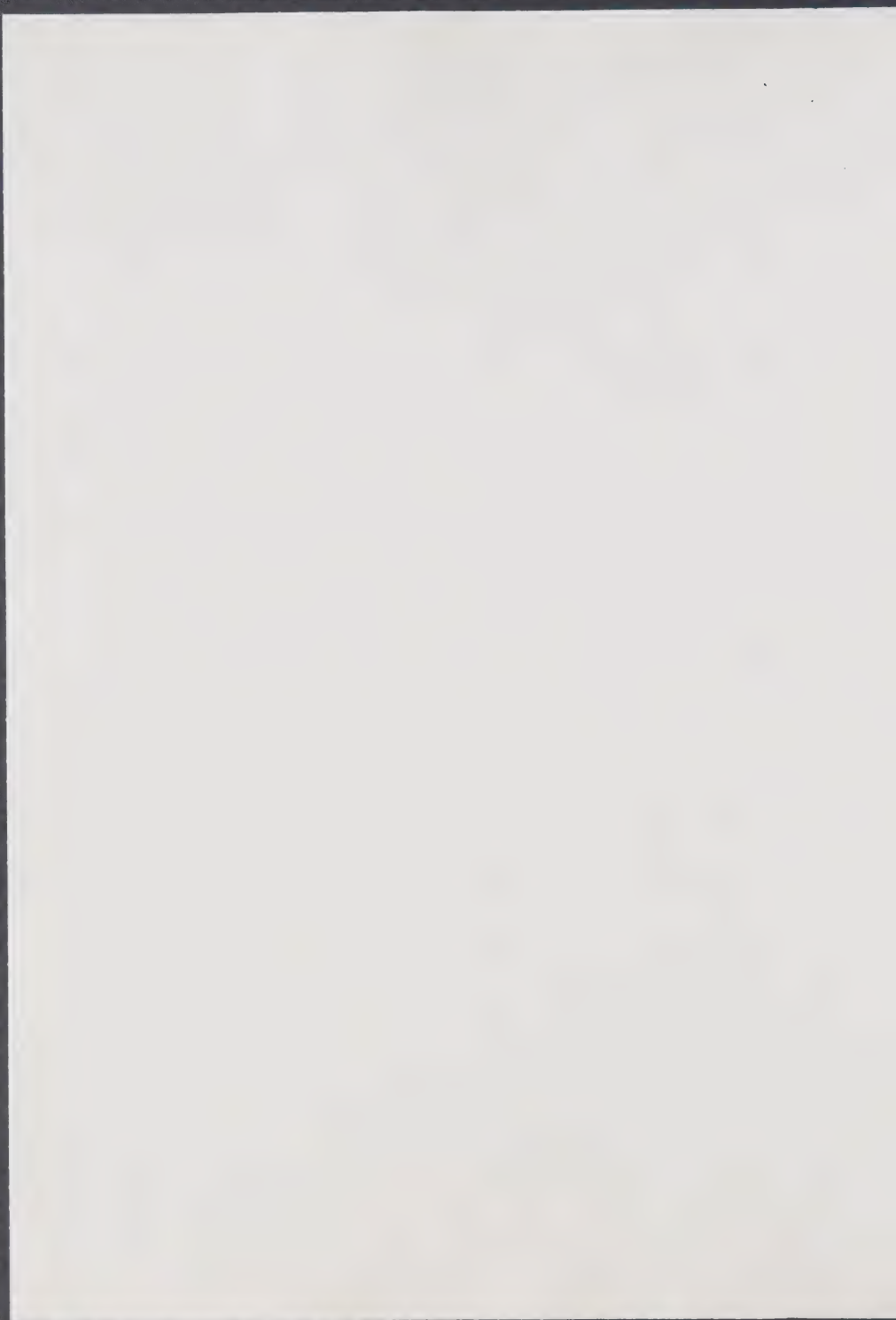
Dr.Esauleenko have depicted you in his letter from November,2 situation with air-plane tickets, and about our plans how to solve it.

Let me try to tell you about the current events by order.

After our such a nice meeting in Bratislawa we prepared an excellent sets of rare chemicals for the ABC library. There are:

- Lot # 12 (217 compounds; from July, 1992)
- Lot # 13 (includes 251 compounds; from the beginning of September this year)
- Lot # 14 (contains 199 substances; the end of September)
- Lot # 16 (59 compounds; October, 1992)
- Lot # 15 (238 substances; November this year).

Altogether there are 964 new organic compounds! Prof.Andor J. already transported one part of those parcels, namely



##12,13,14 directly to Steinheim at the beginning of October. Another ones now on the way to Milwaukee. Prof. Andor brought also five bulk chemicals which from the Aldrich-Chemie in Germany have been ordered. At the time of his visit of Steinheim he had useful discussion with Dr. Griesinger about our work. So, our collaboration is in progress, and we are very glad about it.

In spite of our achievements, I have to tell that your absence at the Company is very sensitive for us. Since July this year we did not receive any answer about our new suggestions, any confirmation or declining of the product's prices we had offered. Especially important is the reply about our table with bulk chemicals where the prices, times of delivering, amounts were shown.

You had a very great deal of work at "Aldrich". But you could find a time to write us, to discuss a lot of things in yours letters. Of course, we knew that you have numerous respondents over the world. But your answers to us were regular. It was very valuable for us! Now the situation is different and we feel it sharply.

Dr.Esauleenko showed me your letter with the ALFRED BADER CORPORATION OF FINE ART stamp on the envelop. It is so nice! You are very strong person. Now I'm happy to know that you have found a new business. I'm sure that your activity in it will be no less effective and useful than the previous work. I wish you a good luck and all the best in it.

Now I would like to tell you about my not simple situation.

I have decided to go in the United States for continue my research. Now in Ukraine doing research is almost impossible. So, I'm looking for Post-Doctoral position at the different American's Universities. I already sent a big packet of necessary documents about it to Prof.J.Burmeister (Delavare), Prof. J.Stevens (North Carolina), Prof. G.Long, Prof.J.Bradshaw (Utah) and for another American scientists. They work in the field of coordination chemistry and their scientific interests are close to me.





Nevertheless, I can work in the fields of inorganic, organic chemistry too, but the first one is preferable for me.

Usual set of the documents required contains:

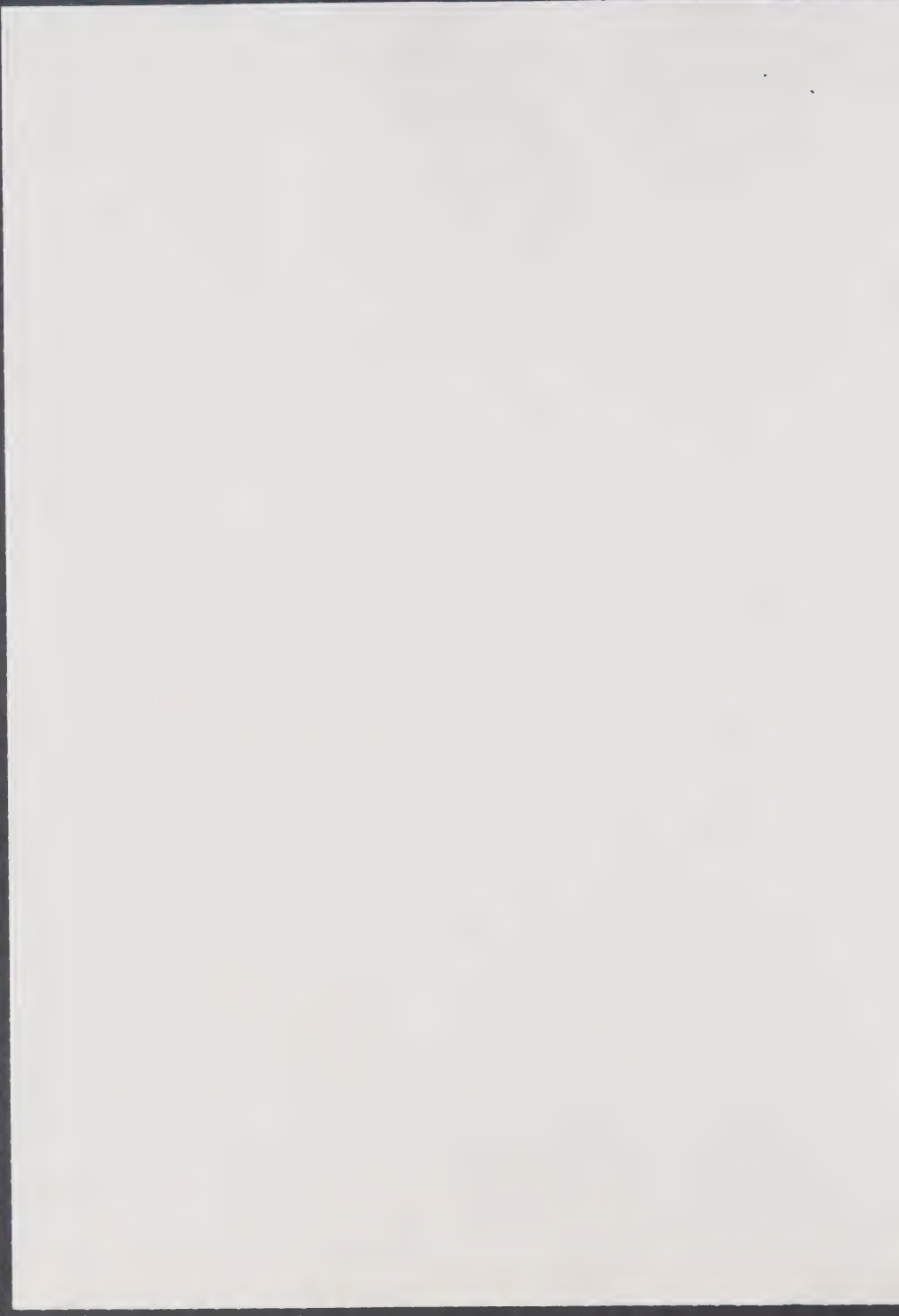
- Personal and Professional Data
- list of Publications
- Recommendation letters  
(one from my Hungarian chief in 1989-90
  - Prof.Burger K.; other one from famous Russian scientist - Prof.Struchkov Y.)
- separate reprints of my the most interesting articles
- the xerox-copy of my Ph.D. Diploma
- color photo

I do hope that somewhere in an American's universities my knowledge, experience and enthusiasm will be useful. Getting the research position in the United States is very difficult task. I understand it well, but I would like to try.

I wrote to the mentioned above professors that you know me quite well. Also I gave them your address and Fax number for the purpose to get more detailed information about me if it will be necessary for them. If I did something wrong, excuse me, please!

I can offer two interesting ideas which promise to get practical results for science and, perhaps, for industry. You know me very well and I'm not afraid to show it for your attention. The first one concerns to new sorbents both for metal-ion chromatography, and for the separation technology. Detailed project about it attached to the letter. Other one is also in the field of chromatography, but does not contains my favorable organic cyanoximes. This idea is based on influence of strong magnetic field to paramagnetic metal-ions or their complexes during the passing through the column. Some technical figures about it and description also enclosed. I don't know the real value of these suggestions, that's why I didn't write to mentioned above American professors about it.

I would be very glad to get your advise about this.



Both I and Andrew are going to arrive in Chicago at the time which is the most convenient for you. It is important to note, that I would like to bring with myself an interesting glass equipment for the purification of gases such as nitrogen, argon for doing research under anaerobic conditions. I think that it can take interest for the "Aldrich" Company, and besides, can be useful for my possible work in the United States. The columns in this apparatus does not contain poisons, mercury or something like that. Thus, it is absolutely safety equipment.

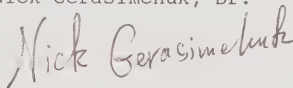
I'm terrible sorry for such a long letter.

Don't be offended to me if I gave you troubles. Now I'm in difficult situation, but I didn't want disturb you earlier.

Give the best my wishes to Mrs. Isabel Bader, please!

Sincerely yours,

Nick Gerasimchuk, Dr.



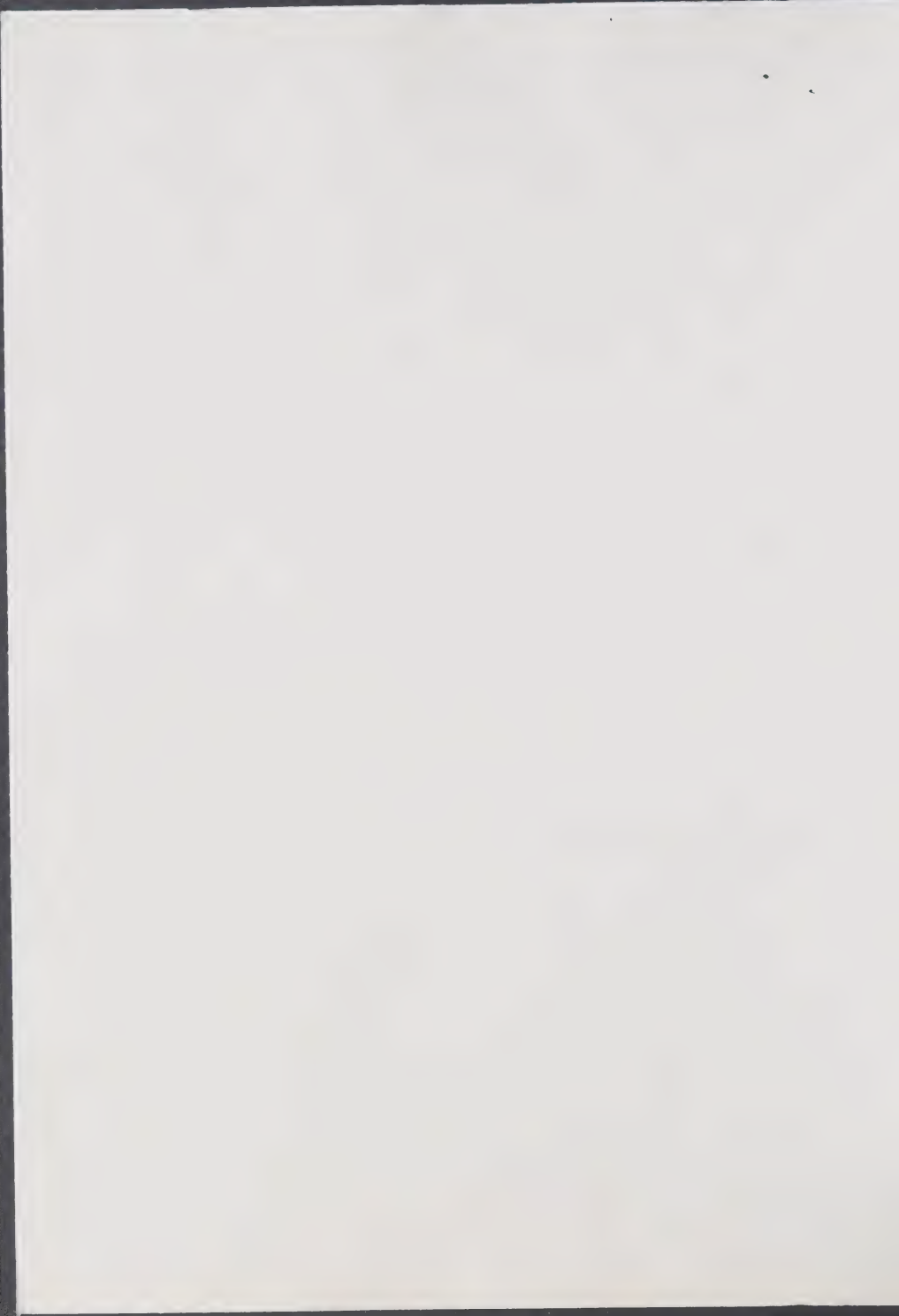
\*\* P.S.

May be you have received a letter from Olga.

Olga Zhmurko was one of the best my undergraduate students at Chemistry Department of Kiev's University. She finished study at Kiev's University this year with an excellent scores and very good diploma-project. Together with one of my friend we helped her to get a post-graduate position at Brigham Young University in Provo-city.

Unfortunately, Brigham Young University in Provo has no finance for my accommodation and providing research. Olga is in full-scholarship from BYU.







ALFRED BADER FINE ARTS

DR. ALFRED BADER

ESTABLISHED 1961

November 7, 1992

Ms. Olga Zhmurko  
334W 200N, #107  
Provo, Utah 84601

Dear Ms. Zhmurko:

Thank you for your letter mailed on November 3 and received today, Saturday the 7th.

I am just leaving the country to spend 6 weeks in Europe, returning on December 22nd.  
My secretary will type this on Monday.

I have just heard from Dr. Esaulenko that he and Dr. Gerasimchuk plan to fly from Moscow to Chicago during the first week of January and will then stay with us in Milwaukee until either the 9th or 12th of January. Part of the time they will be the guest of Aldrich and the remainder with us at our home in Milwaukee.

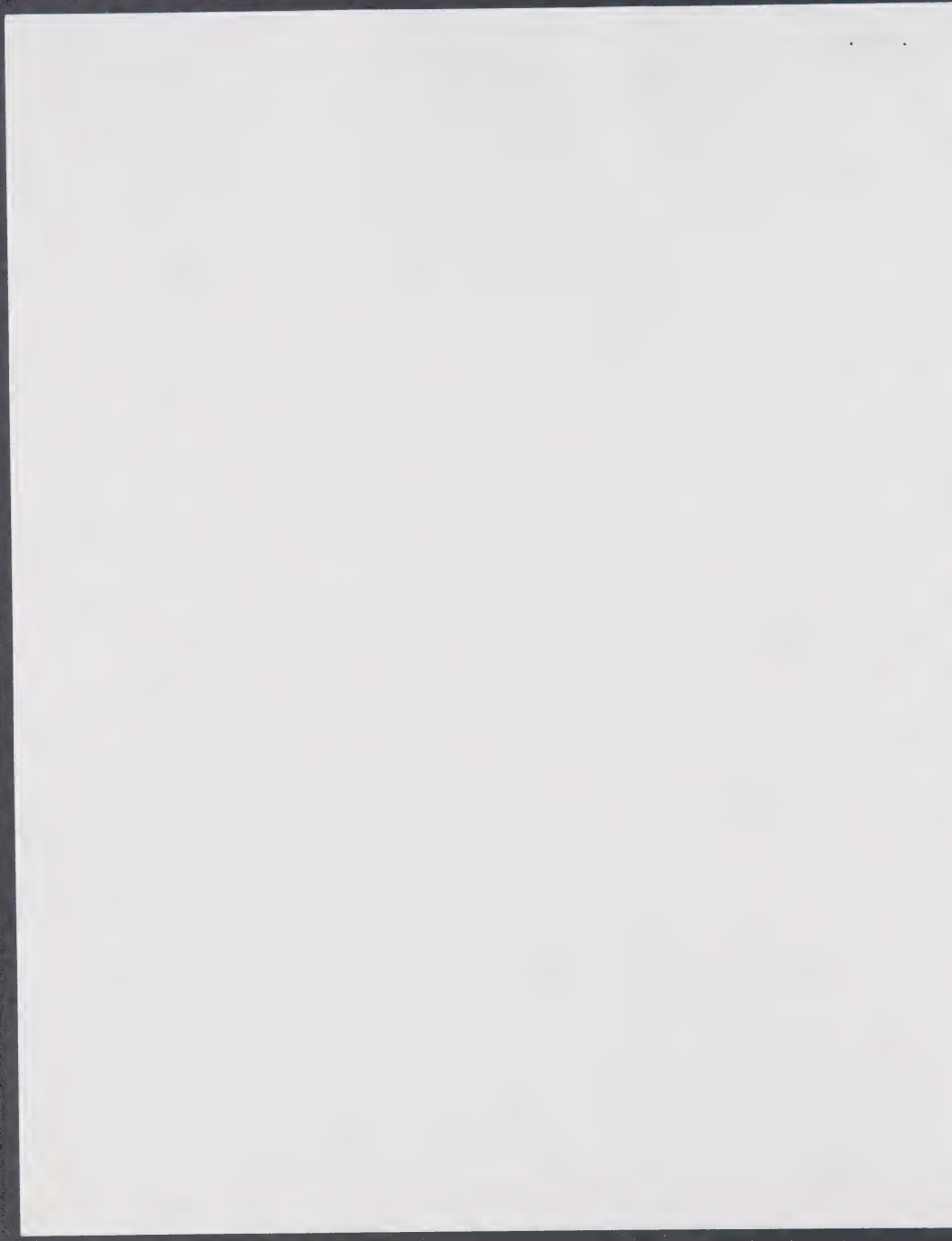
During the last few years, I have gotten to know Dr. Gerasimchuk and Dr. Esaulenko as truly enthusiastic and able chemists who are obviously also very good human beings. Naturally I will discuss with them when they visit, how best we can continue to help.

All good wishes.

Sincerely,

(Dictated by Dr. Bader and  
signed in his absence)

*By Appointment Only*  
ASTOR HOTEL SUITE 622  
924 EAST JUNEAU AVENUE  
MILWAUKEE WISCONSIN USA 53202  
TEL 414 277-0730 FAX 414 277-0709



Dr. Alfred Bader  
2961 North Shepard avenue  
Milwaukee, Wisconsin 53211

Olga Zhmurko  
334W 200 N # 107  
Provo UT 84601

days: 801-378-4415  
evenings: 801-377-6782

Dear Dr. Bader,

I was not so happy to meet you before, but I heard a lot about you from Dr. Nick Gerasimchuk, who was my major professor when I was working on my M.S. degree at Kiev State University. Dr. Gerasimchuk is the person I am gonna talking about in this letter.

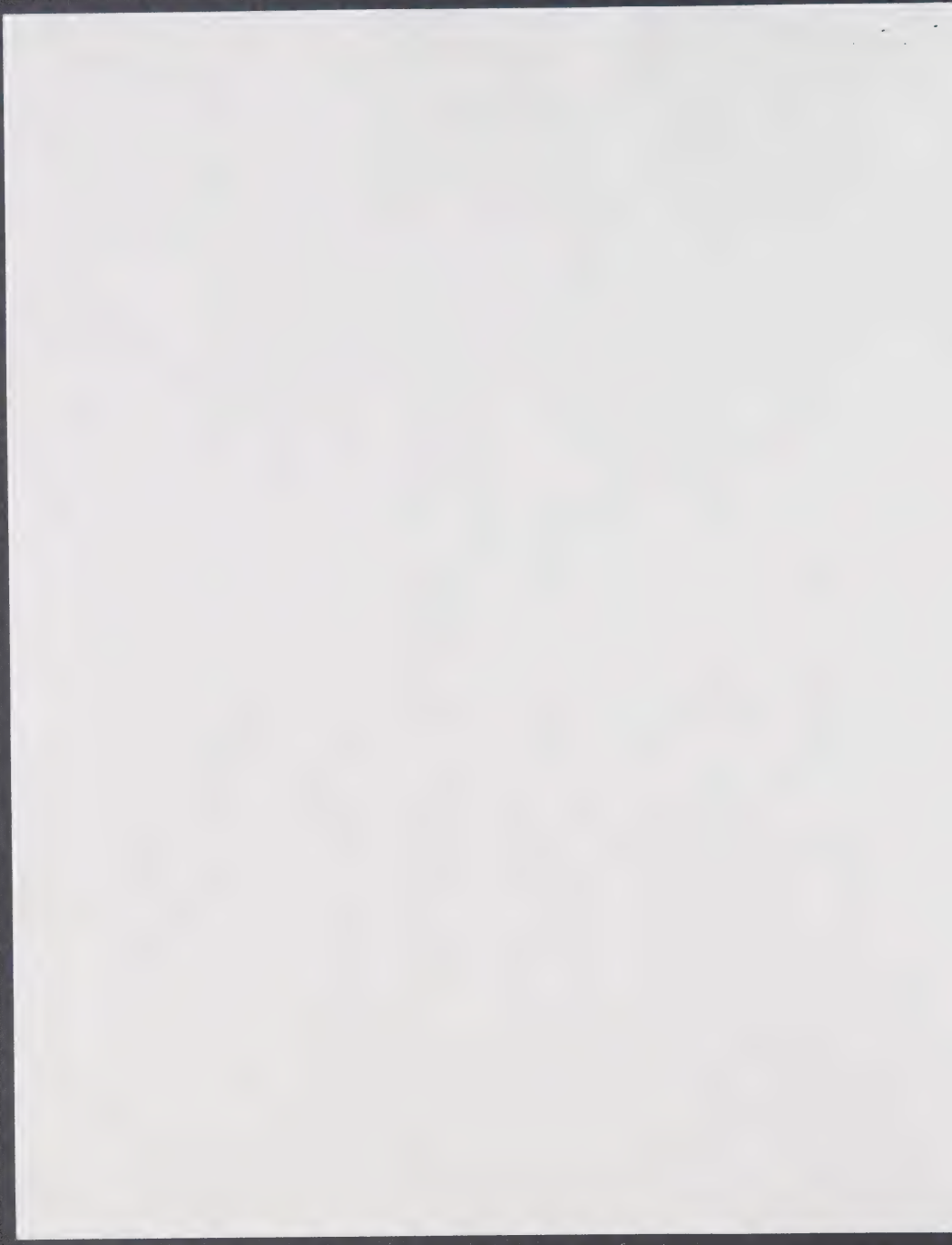
Excuse me that I want to tell you about our problems, but I realize that only you can help him.

So, let me explain the situation. When I first met Dr. Gerasimchuk he was 28 years old - young, enthusiastic chemist, who just organized new laboratory of Mossbauer spectroscopy and magnetochemistry.

We started work together and we worked very hard with good results. The results of my M.S. degree research have been published in 7 papers. Unfortunately, now the situation dramatically changed. Economical and political crash of the USSR caused chaos in science. Government- the only source of financial support of Universities- stopped any financing of any research. Last two years our laboratory worked mostly on money which Dr. Gerasimchuk had from the business with ALDRICH, and we will appreciate that all our lifes.

Now situation became almost tragic. Chemistry department doesn't have enough even electricity. No paper, no reagents, no hoods- nothing! Under this conditions nobody can proceed resarch. But for Dr. Gerasimchuk to stop research means to die, I know that and it makes me a big trouble.

Approximately two month ago I started trying to find any place where Dr. Gerasimchuk could obtain grant for Postdoctoral research, but did not recieve even any answer from all that places where I





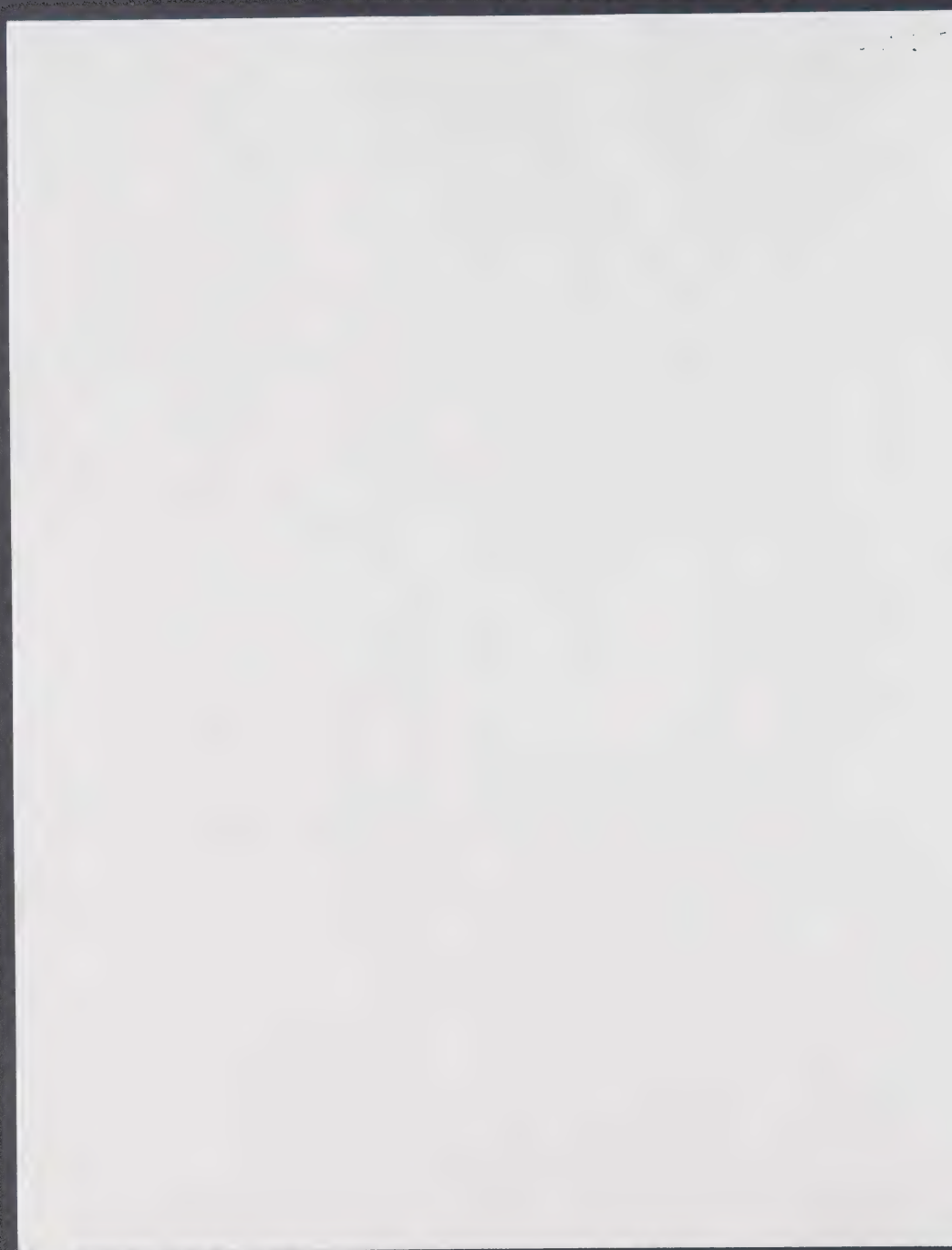
sent letters and I do not know what can I do else. I am sure that a number of Universities in USA would be happy to have Dr. Gerasimchuk , but the problem is money. I know that you supported financially a lot of different researches. From this point I would like to ask you about possibility for Dr. Gerasimchuk to apply for your personal grant for research. You do not have to worry about proceeding of the work with ALDRICH in Ukraine. Dr. Esaulenko, Dr. Gudima and others will care about this. Excuse me, please, if I told you something wrong. I know that you are very busy, but if it possible, call me, please. It is very easy to reach me at laboratory or at home.

Best wishes,

sincerely,

*Olga Zhmurko*

Olga Zhmurko  
Graduate Student,  
Brigham Young  
University





12/31

## ALFRED BADER FINE ARTS

DR. ALFRED BADER

ESTABLISHED 1961  
November 7, 1992

Dr. A. Esaulenko  
c/o Prof. Dr. Andor Jozsef  
Eros J., u. 4 (IVe/16)  
H6723 Szeged, Hungary

Dear Dr. Esaulenko:

I have just received your letter of November 2 mailed from New York on November 4, as well as a very concerned letter from a student of Dr. Gerasimchuk, Ms. Olga Zhmurko, mailed from Provo in Utah on November 3.

I have to reply very quickly, because by the time this will be typed on Monday I will already be in Canada and then, beginning November 16, in England. If you wish to write to me in England, I will be there until December 22. My address in England is:

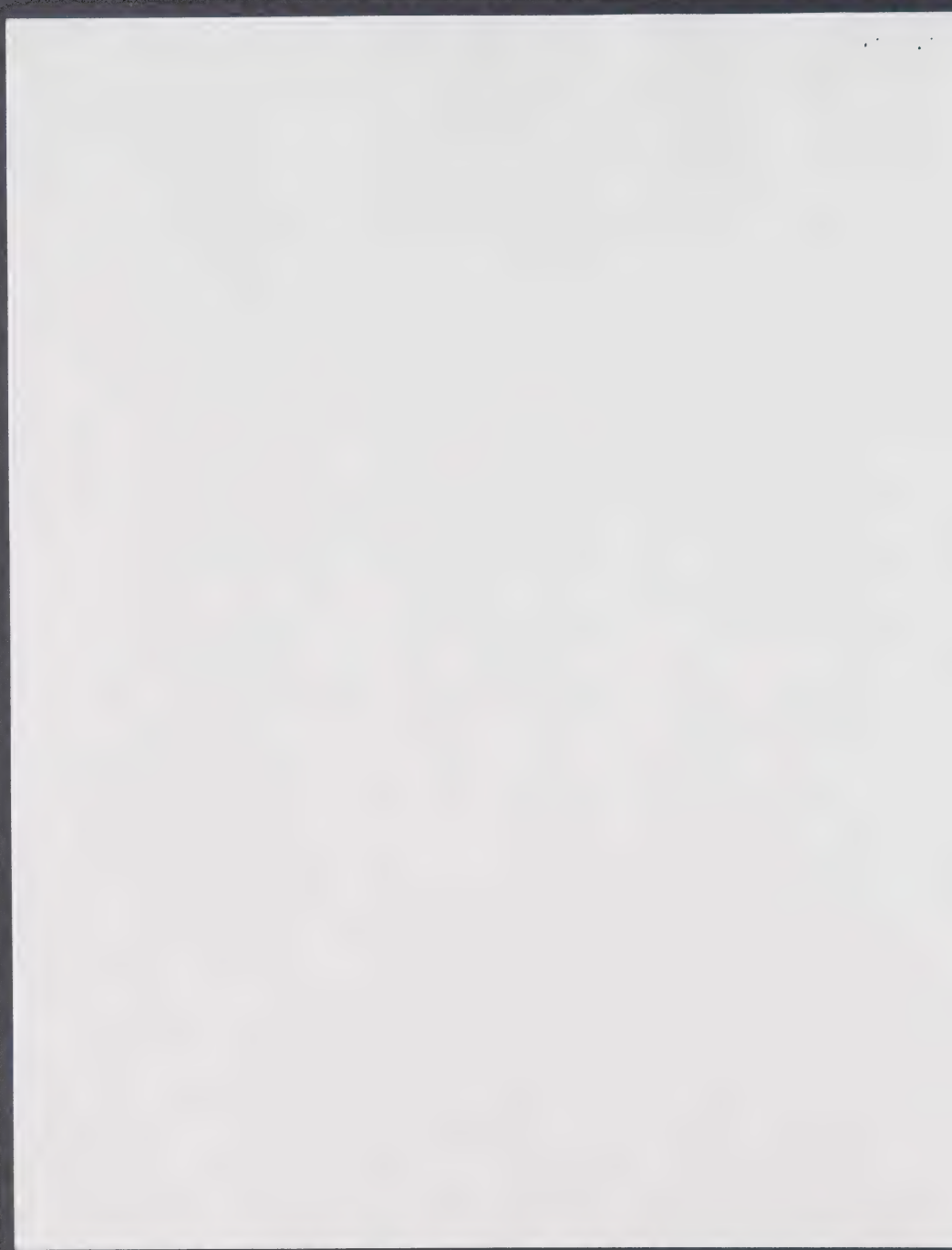
52 Wickham Avenue  
Bexhill-on-Sea  
East Sussex TN39 3ER  
England

I am so happy to know from your letter that you and Dr. Gerasimchuk have received your U.S. visas and we very much look forward to seeing you in January. I am keeping the entire first two weeks of January open to be able to welcome you.

Just let us know your exact arrival time at O'Hare Airport in Chicago. As you know, Isabel and I plan to meet you there and, if you can arrive on the weekend, that is Saturday or Sunday the weekend of the 3rd, Bob Wandler, who looks after the Library at Aldrich, wants to come with us to have more time to spend with you. He would find it difficult to get away on January 4th as that is a working day, but in any case, we look forward to seeing you.

I believe that Aldrich will reserve a hotel room for you, probably for three days, of course at Aldrich's expense. Isabel and I hope that you can stay longer than 3 days and will then be guests at our house. We have two old-fashioned guest rooms, but the beds are comfortable and the paintings good.

*By Appointment Only*  
ASTOR HOTEL SUITE 622  
924 EAST JUNEAU AVENUE  
MILWAUKEE WISCONSIN USA 53202  
TEL 414 277-0730 FAX 414 277-0709





- 2 -

To turn now to your question whether you can take a small glass lab plant about 250 cm long into the United States without Customs bothering you, I cannot give you a definite answer. What I would do if I were you is to take the glass plant under your arm, do not check it as luggage, and when you get to Customs at O'Hare simply say that it is a modest gift worth less than \$100 for a friend.

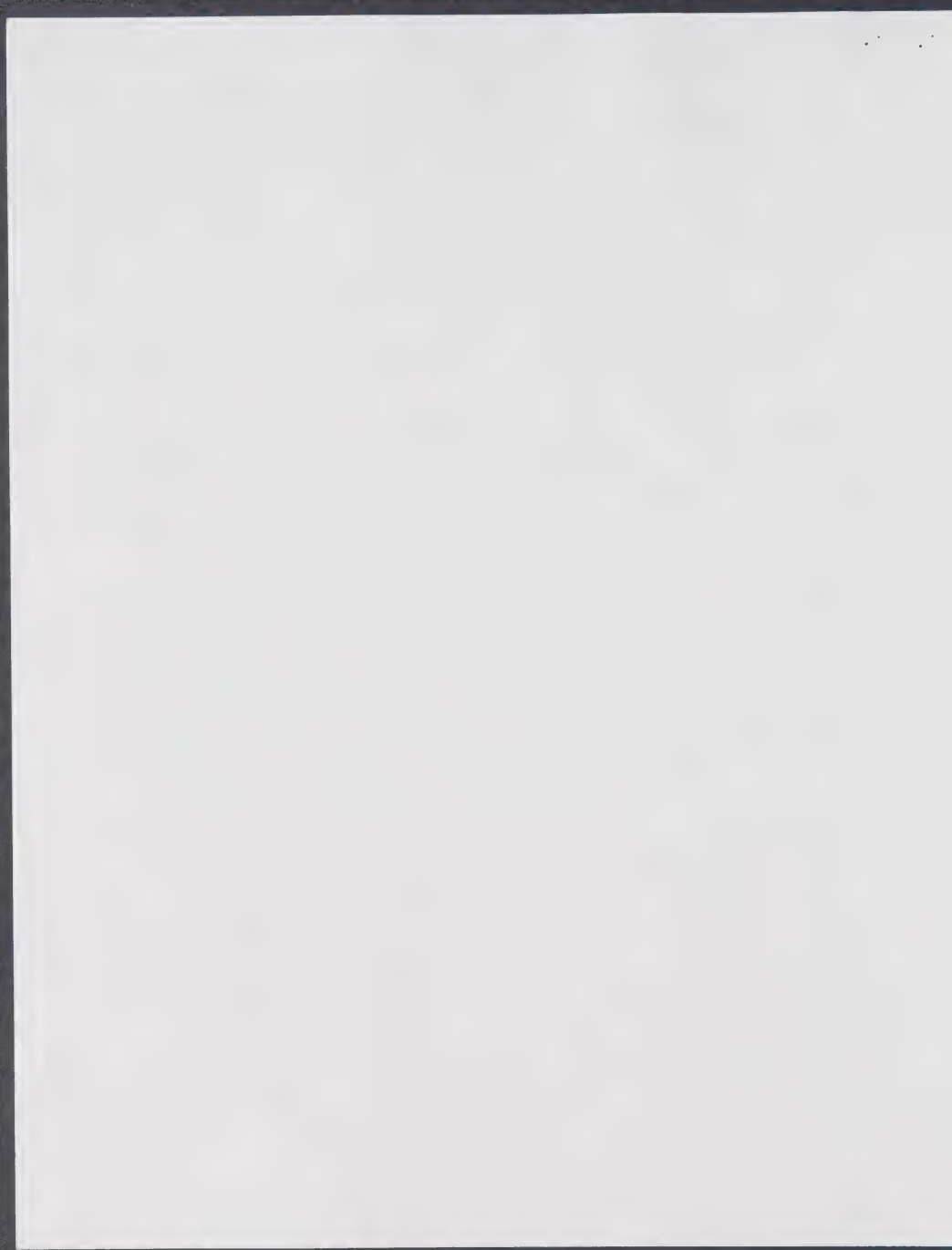
I have just had a very moving letter from Ms. Olga Zhmurko in the Department of Chemistry at Brigham Young University in Utah, asking for help for Dr. Gerasimchuk. I do not quite know how to reply to her letter, particularly as I am leaving the country, but surely both you and Dr. Gerasimchuk know that we are your good friends and we will try to help as much as we can. Let's discuss this in detail when we see you in January.

All good wishes, and we look forward to seeing you soon.

Sincerely,

(Dictated by Dr. Bader and  
signed in his absence)

c: Mr. Robert Wandler  
(w/enclosure)



Dr. Alfred R. Bader

2961 North Shepard Avenue  
Milwaukee, Wisconsin 53211

USA

October 8, 1992

Dear Dr. Bader,

Both I and Dr. Gerasimchuk, were very happy to receive messages concerning Your schedule for this year, as well as two letters of invitation from Mr. Gorzek. Many thanks for Your kind cares. You must be sure that we will do our best now to visit You and Mrs. Bader at the early January (2-4) 1993. The correspondent work in this direction is in progress now. When we will get our tickets (later than middle of November) and learn about the date exactly, I send You a message immediately. If this time is not convenient to You, could You please inform me or Dr. Andor about suit time. We are going to take this trip in any case, even the mentioned fund will refuse in support for our travel expenses.

Any person is able to remember the milestone moments in his life. I think we are living in a multidimensional space and in these critical points of our life a next dimension arise. Our meetings with You were unique moments, which gave us not one, but a several new dimensions. Nobody knows what will happen with us in future, but I'm sure, the more dimensions have a person, the more steady his position, and more interesting is his life. That's why, when I've got Your letter with "Alfred Bader corporation of fine arts" as back address, I draw a sigh of relief. I thought that this field - is one of the numerous dimensions of Your personality, and You are able to devote yourself to this business successfully. I would be grateful if You could find a time to tell me in brief about Your new enterprise.

Mr. Gorzek have invited us for three days. I think this time is sufficient to get most of the useful information about "Aldrich" corporation. Both I and Kolja are interested about supposed program of our visit. We will be grateful if You could tell us something about the business part of the trip and give us some practical advices.

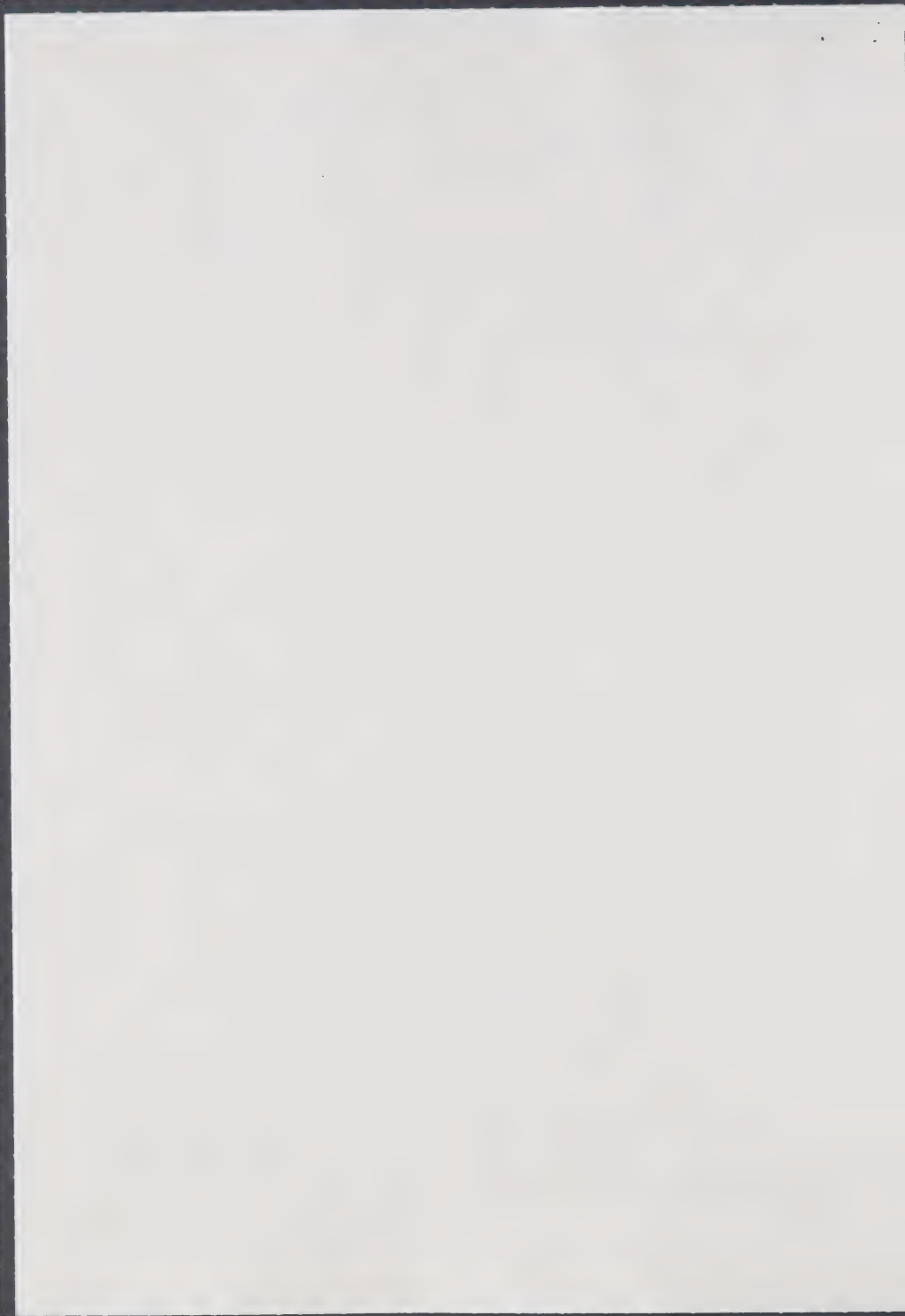
I'm going to mounting a fax-apparatus at my flat at the end of October, so I do hope we will able to communicate directly with You.

Best personal regards to Mrs. Isabel Bader.

With the best wishes, sincerely Yours

  
Andrey Esaulenko

P.S. I sent several letters including this one, at the beginning of October. I have phoned then to another correspondent in the USA, and find out that she haven't received my letter. That's why I've decided to send You the copy of my October 8 letter.





Dr. Alfred R. Bader

2961 North Shepard Avenue  
Milwaukee, Wisconsin 53211

USA

November 2, 1992

Dear Dr. Bader,

I'm glad to inform You that we have got our US-visas without problems and we are going to buy our "Aeroflot"-tickets Moscow-Chicago on 4-th of January 93. Unfortunately, we are able to get our tickets not far than 45 days before our departure. So I'll send you a telegram or fax-message when we will buy them.

The "Aeroflot" plane Moscow-Chicago runs twice a week, therefore we may start back on the 9 or on the 12 of January. This point is important, because we are going to book our back tickets in Kiev also. Both I and Kolja are not going to breach of Your and Mrs. Bader hospitality. That's why I would be were grateful if You inform me how long we may stay at Your home without any problems to Your family.

Owing to Your kind support and attention, Kolja has enough money to have a trip to the University of Provo-city (Utah). He is going to get a postdoctoral fellowship anywhere in the US. But I will start back after our visit to You and "Aldrich" corporation.

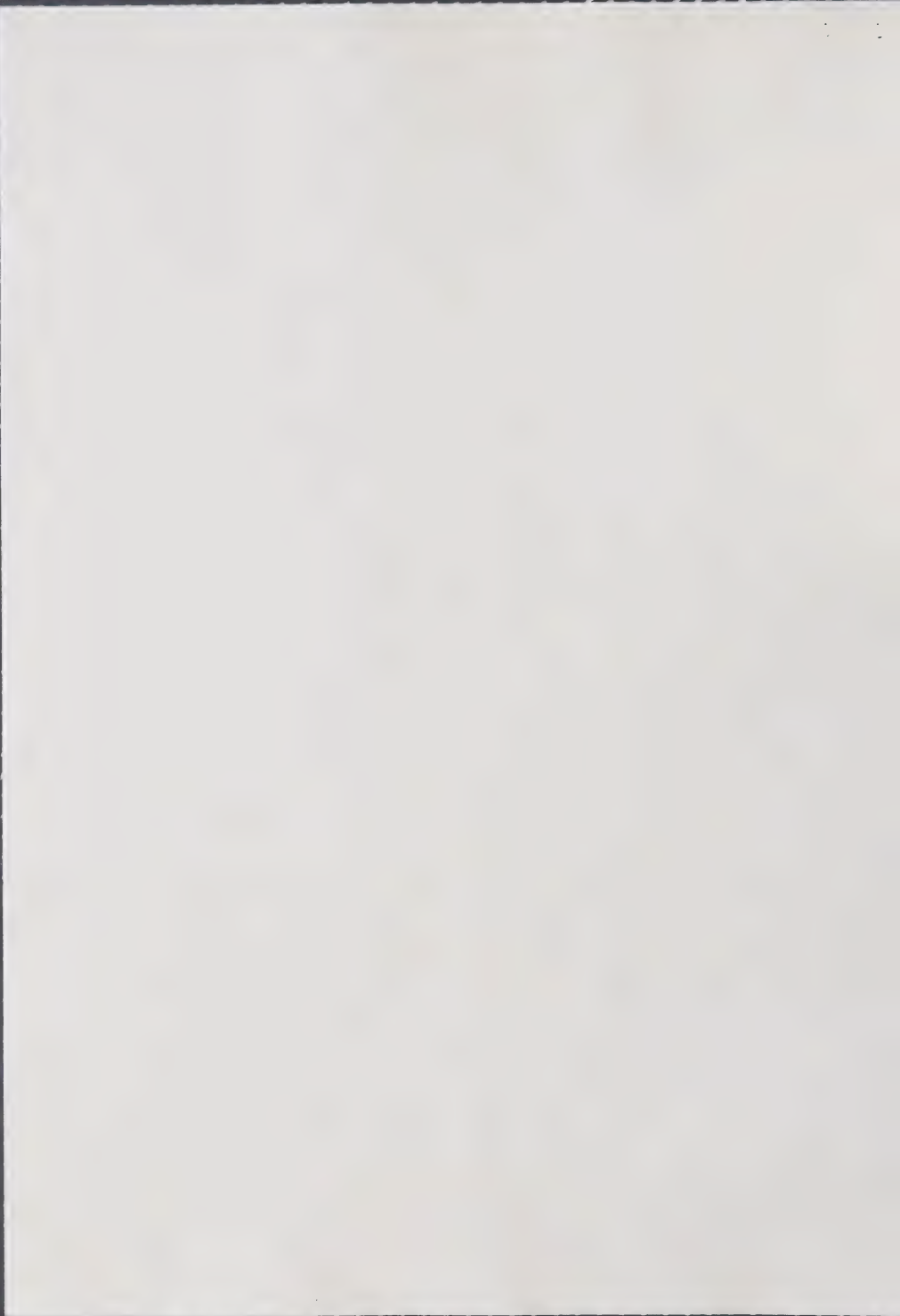
Kolja is going also to take with us a small (about 0.25 m ) glass lab-plant for inert gases purification to show it "Aldrich" and to bring it to University of the Provo-city. Would You be kind enough to let us know if it is possible to cross american broad with this device? Is it interesting to "Aldrich" to manufacturing this type of devices in general?

I'm looking forward to hear from Your soon. Best personal regards to Mrs. Bader

With the best wishes, sincerely Yours



Andrey Esaulenko



Dr. Andrey N. Esaulenko

11, Timoshenko st., ap. 80  
252212 Kiev

UKRAINE

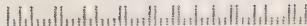


BKLYN NY 112 17:11 11/04/92 DCR#3

Dr. Alfred R. Bader

2961 North Shepard Avenue  
Milwaukee, Wisconsin 53211

USA







bc: S. Branca, R. Gorzek,  
A. Runquist, R. Wandler

## ALFRED BADER FINE ARTS

DR. ALFRED BADER

ESTABLISHED 1961

October 28, 1992

Dr. N. Gerasimchuk and  
Dr. A. Esaulenko  
c/o Prof. Dr. Andor Jozsef  
Eros J., u. 4 (IVe/16)  
H6723 Szegeed, Hungary

Dear Dr. Gerasimchuk and Dr. Esaulenko:

I am so happy to learn from your letter of October 8th that you plan to visit Milwaukee from January 2nd to the 4th. I will certainly be in Milwaukee at least until the 10th of January, but have been invited to lecture in Florida a little later that month. Do keep in mind, however, that the 2nd of January is a Saturday and you will need at least 2-3 days to get to know all of the people at Aldrich. Hence, it would be better if you arrived, say, on the 2nd of January and could stay until the 6th.

Plan to fly to O'Hare Airport in Chicago, and Isabel and I will drive down on that Saturday afternoon to pick you up.

In the middle of the winter, it is always possible that driving will be exceedingly difficult, and in that case we would plan to get to the airport by bus and take you to Milwaukee by bus.

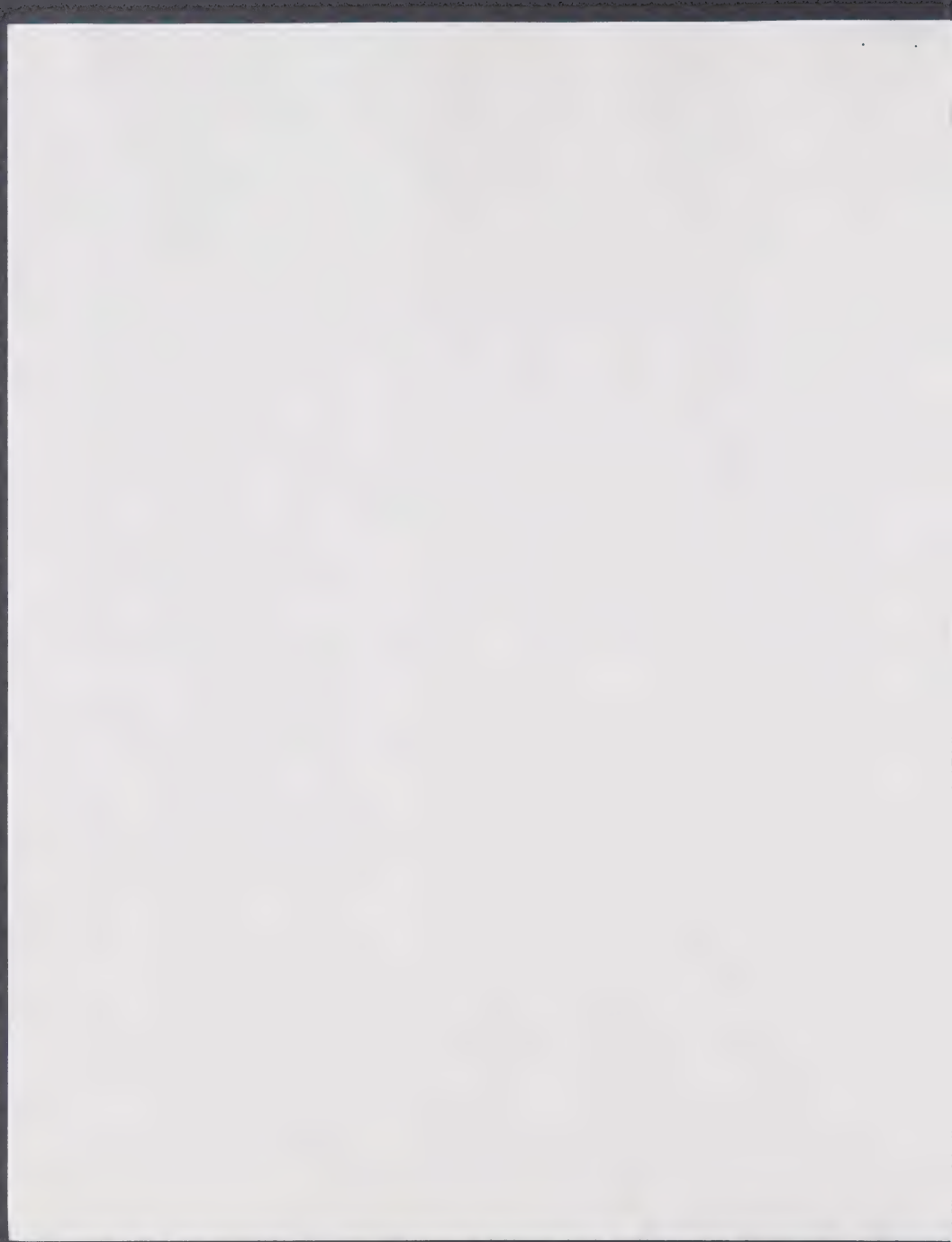
Let me tell you a little about the people whom you will meet.

First of all, let me stress that my being thrown out of Sigma-Aldrich had nothing whatever to do with anyone in Milwaukee and most of the people were as shocked as I was. All of the people here have been truly supportive and helpful, but in politics, whether of a company or a government, the higher you get the more scared you must be.

Dr. Jai Nagarkatti, the President of Aldrich, is a very able Indian chemist and a good human being, but, of course, he is so high in management that he must be exceedingly careful.

The man in charge of what used to be called The Alfred Bader Library of Rare Chemicals, now the Sigma-Aldrich Library of Rare Chemicals, is Mr. Robert Wandler. He is a kind, down-to-earth, hard-working organic chemist whom I tried to teach everything I know about acquiring

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- 2 -

compounds for the collection. He knows, of course, how interesting your compounds are, and I know that he looks forward to meeting both of you.

Bob Wandler's boss is Mr. Robert Gorzek, a very able Vice President in the company. In his youth, he was a naval officer, and he has been with Aldrich since 1962. He also knows how interesting your library compounds are.

The man in charge of new product acquisition--not for the library but for the main catalog--is Dr. Stephen Branca, who has been with Aldrich for more than 10 years. He got his Ph.D from Professor Amos Smith at the University of Pennsylvania and he is probably the ablest organic chemist at Aldrich. He is also a very fine person, but at the moment tremendously overworked. He has been deciding which of the compounds you can offer in 100-200 gram quantities should be purchased from you.

Steve is also responsible for the Glass Shop, although not really involved in its day-to-day operation. The man in charge of the Glass Shop at the warehouse, which lies north of the main plant, is a very good German glassblower, Dieter Damrow, and you should meet him and look at his production. He has made a number of the pieces suggested by you.

The man in charge of purchasing is also a very able chemist, Dr. Al Runquist, who got his Ph.D. from Northwestern University and has been with Aldrich for many years.

I am sure that there will be a number of other chemists whom you will enjoy meeting. Surely you will recall that you are to receive a 5% royalty on sales of the equipment which you suggest. The first week of January will be just a little too early to give you the final figures, these being available usually by the end of January. Dr. Runquist will probably be able to give you a pretty good idea how these pieces have sold.

We so look forward to seeing both of you and hope that we can chat at length during that first weekend in January and that you will have at least one, and hopefully, two evening meals with us while you are here.

We will leave Milwaukee on November 8th for a lecture trip to Canada and will then go to our English home, arriving there on November 16th. Our address in England is:

52 Wickham Avenue  
Bexhill-on-Sea, East Sussex TN39 3ER  
England



- 3 -

We will be there until December 22nd, when we return to Milwaukee.

Isabel joins me in all good wishes, also to Prof. Andor.

Sincerely,



Dr. Alfred R. Bader

2961 North Shepard Avenue  
Milwaukee, Wisconsin 53211

USA

October 8, 1992

Dear Dr. Bader,

Both I and Dr. Gerasimchuk, were very happy to receive messages concerning Your schedule for this year, as well as two letters of invitation from Mr. Gorzek. Many thanks for Your kind cares. You must be sure that we will do our best now to visit You and Mrs. Bader at the early January (2-4) 1993. The correspondent work in this direction is in progress now. When we will get our tickets (later than middle of November) and learn about the date exactly, I send You a message immediately. If this time is not convenient to You, could You please inform me or Dr. Andor about suit time. We are going to take this trip in any case, even the mentioned fund will refuse in support for our travel expenses.

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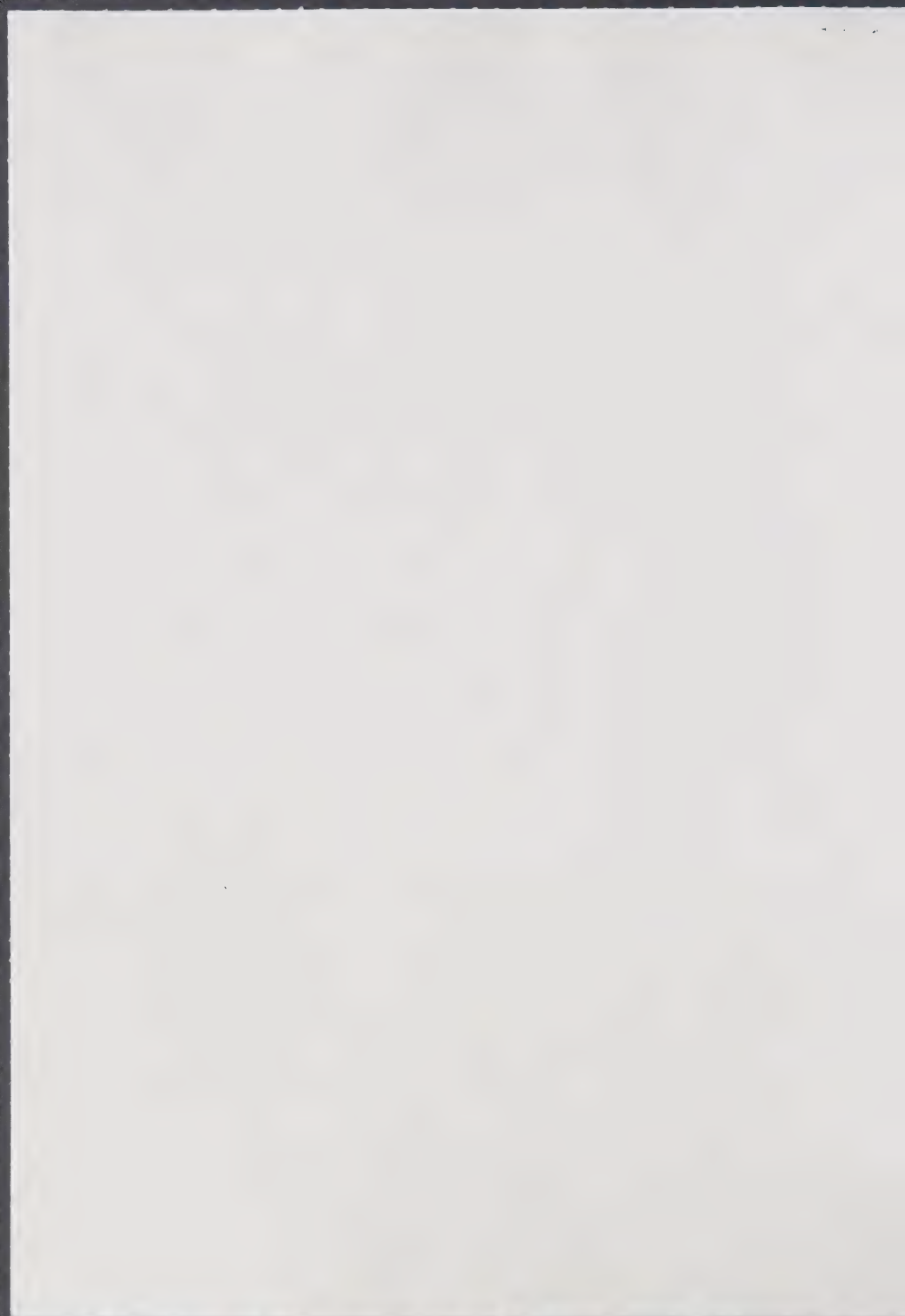
I'm going to mounting a fax-apparatus at my flat at the end of October, so I do hope we will able to communicate directly with You.

Best personal regards to Mrs. Isabel Bader.

With the best wishes, sincerely Yours



Andrey Esaulenko



Dr. Alfred Bader  
2961 North Shepard Avenue  
Milwaukee, Wisconsin 53211

October 20, 1992

Dr. N. Gerasimchuk and  
Dr. A. Esaulenko  
c/o Prof. Dr. Andor Jozsef  
Eros J., u. 4 (IVe/16)  
H6723 Szeged, Hungary

Dear Dr. Gerasimchuk and Dr. Esaulenko:

Thank you so much for your registered letter of September 25 with your two beautiful postcards.

Perhaps some day Prof. Andor will invite me to Szeged to give 3 or 4 lectures, preferably at a time when you will be there also. I was happy to learn yesterday that your more than 900 samples, sent via Dr. Griesinger at Aldrich Chemie, arrived safely, and Mr. Wandler will arrange for payment by wire transfer within the next few days.

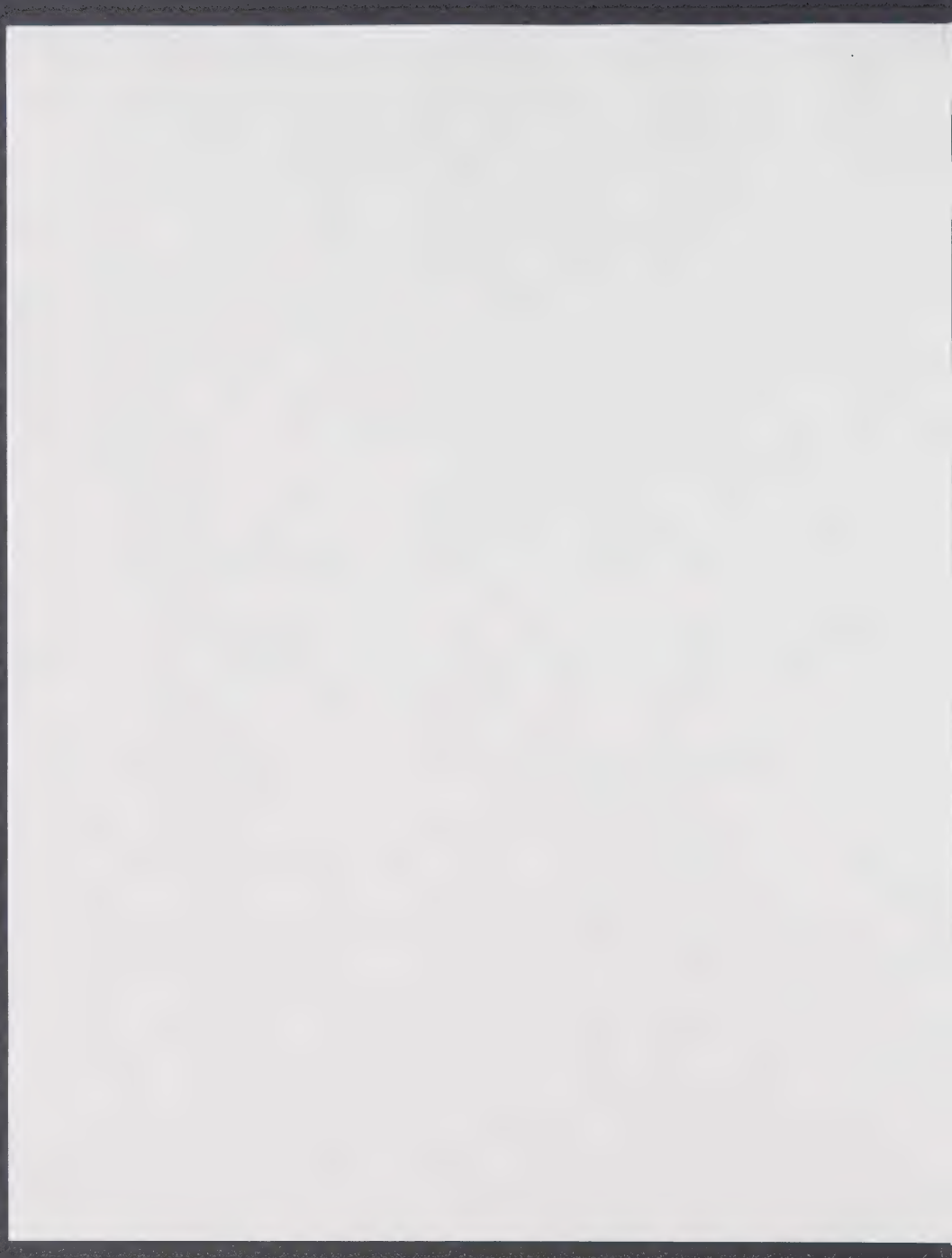
Mr. Wandler told me that you will not be able to visit Milwaukee until next year, and I very much hope that you will be able to visit at a time when Isabel and I are in Milwaukee. Hence, I would like to give you my schedule:

We will be in Milwaukee all of January.

In February, we will be here, except for a trip to Texas from February 16th to the 20th.

We will be here throughout March, except for a trip to Georgia and the Carolinas from the 19th to the 27th of March.

We will be here all of April, but Passover begins on April 5th and we will be on a lecture trip to Ohio between April 12th and 16th.



- 2 -

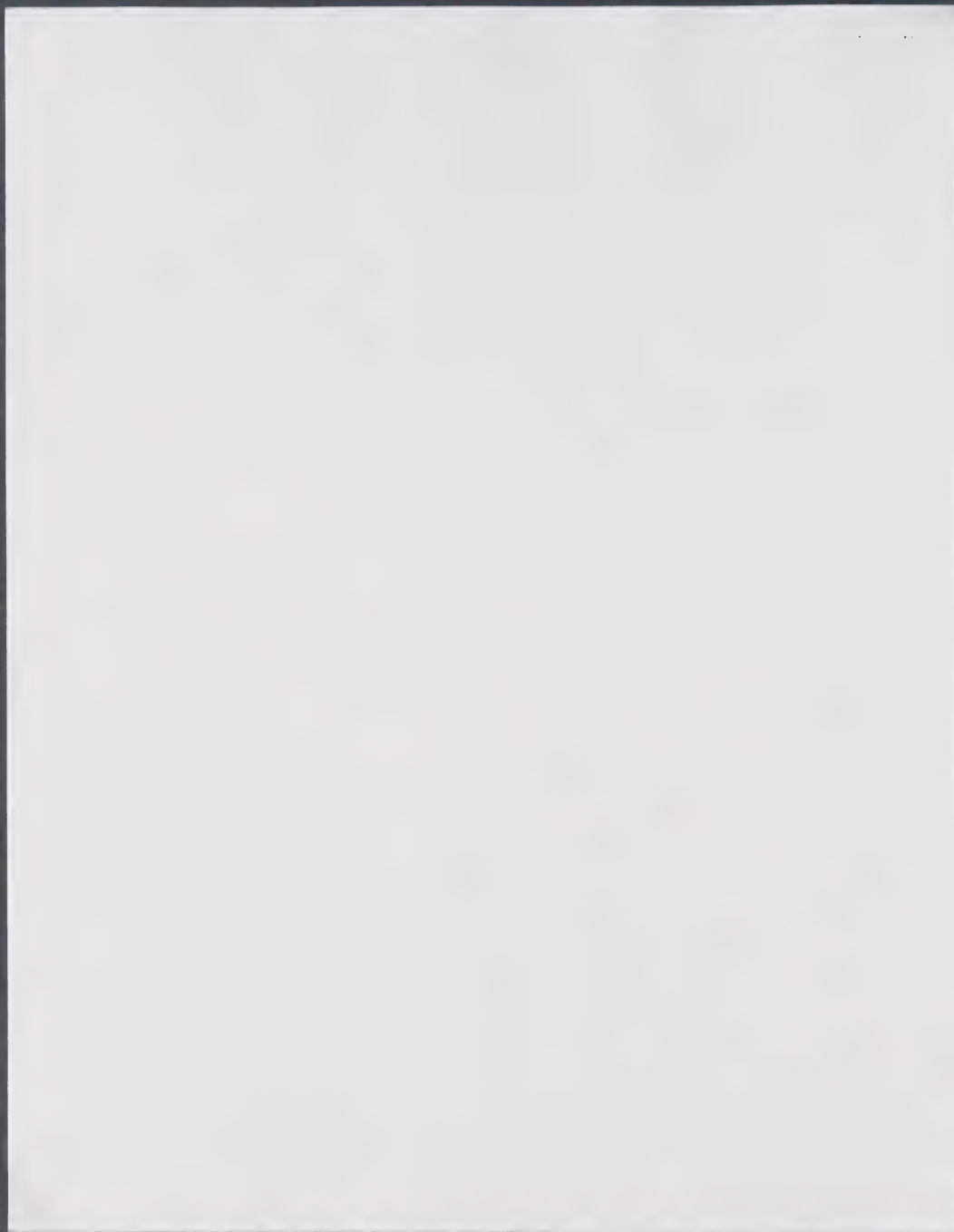
In May, we will probably be in Milwaukee during the first week, but we will then travel to the east coast, and thence to Europe where we will be until the end of July.

We very much hope that you can visit between January and April at a time when we are in Milwaukee.

All good wishes.

Sincerely,

c: Dr. Stephen Branca  
Mr. Robert Wandler



Our copy to  
 Dr. Bader.  
 28.09.92  
 signed.

**Dr. Stephen J. Branca**

Director of Research and Development,  
 Aldrich Chemical Company, Inc.

**Mr. Robert Wandler**

Library of Rare Chemicals Manager

Aldrich Chemical Company, Inc.  
 1001 West Saint Paul Avenue,  
 Milwaukee, WI 53233  
 USA

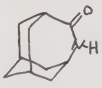
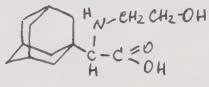
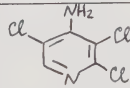
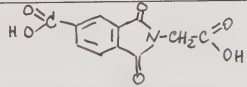
Kiev,  
 September 25, 1992.

Dear Dr. Branca and Mr. Wandler,

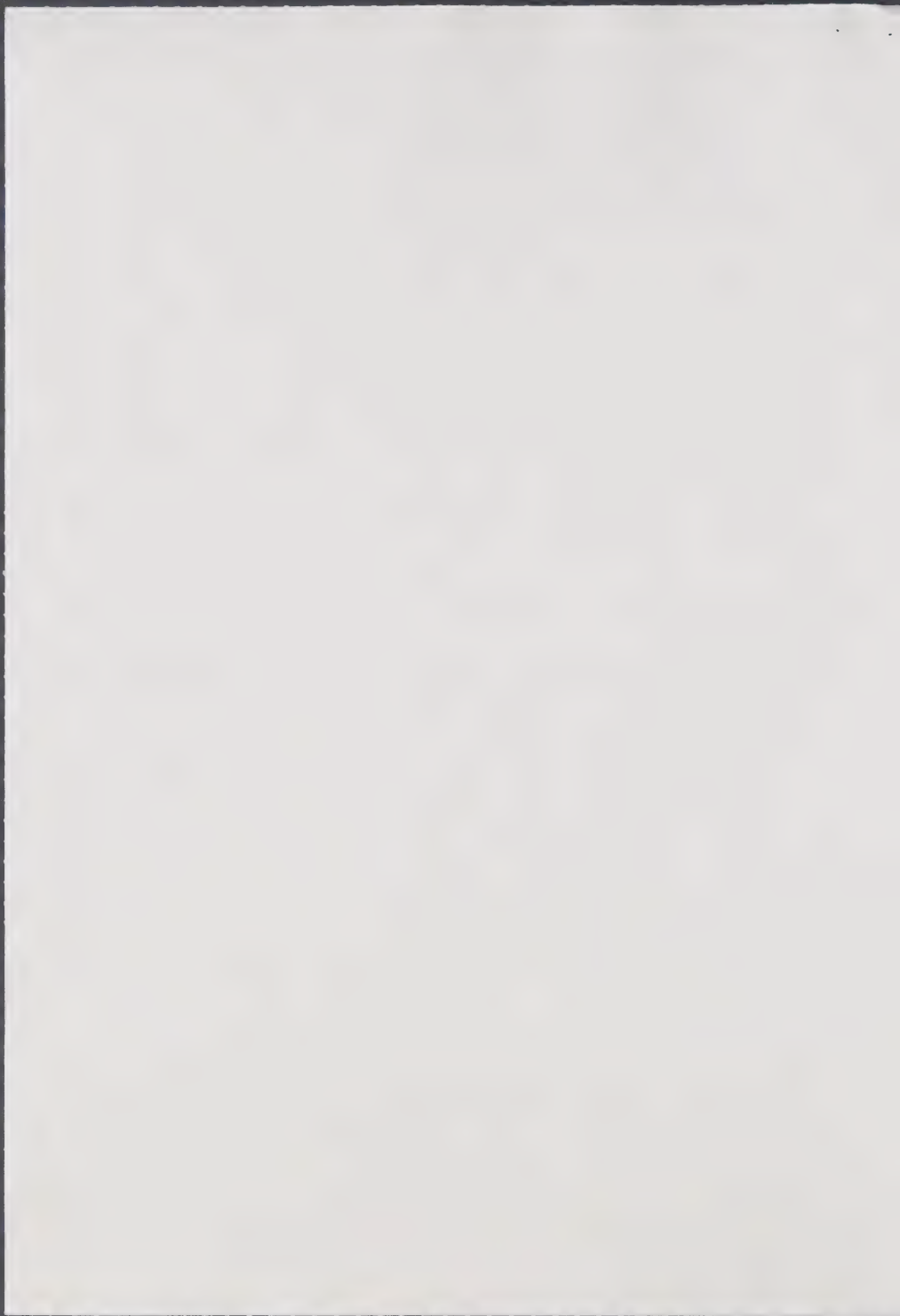
According to your request, we are sending you 10 g of our # 708 together with its GC/MS chromatographic data.

We received some your questions via Dr. J. Andor's fax at the early May this year. At the end of June we sent you our answers by a letter. As far as we can realize now, this letter have not reached Milwaukee yet.

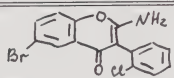
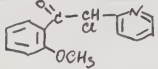
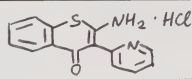
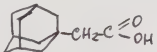
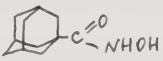
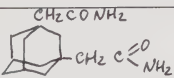
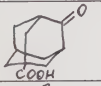
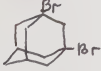
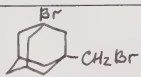
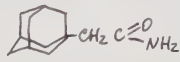
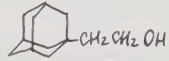
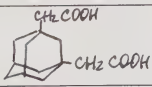

Your fax-request concerned the possibility of bulk-shipments of some chemicals from ABC-samples we had sent before. Unfortunately, only few of them can be manufactured and delivered to "Aldrich":

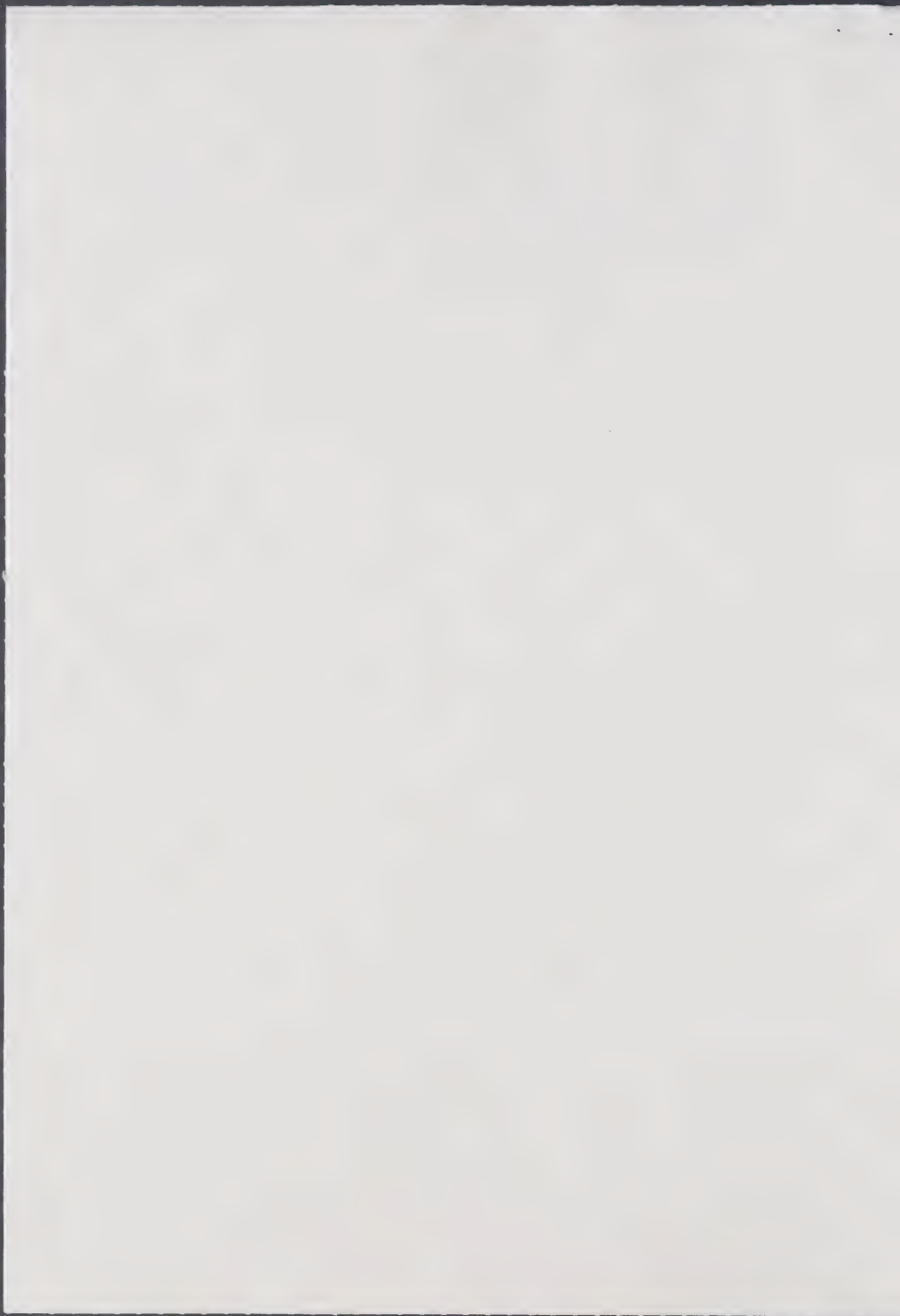
| our #  | Structure   | amount | cost (\$) | delivery                   |
|--------|---|--------|-----------|----------------------------|
| # 865  |   | 100 g  | 912       | 05.93                      |
| # 872  |  | 100 g  | 812       | 05.93                      |
| # 1003 |  | 200 g  | 940       | 12.92<br>Ready now<br>>97% |
| # 1022 |  | 100 g  | 790       | 12.92<br>Ready now<br>>97% |

We were asked by our colleagues is it possible to get Aldrich's order for the following chemicals:




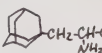







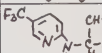



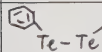
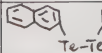


| #   | our # | Structure   | amount | cost (\$) | delivery |
|-----|-------|---|--------|-----------|----------|
| 1.  | 791   |    | 100 g  | 637       | 03.93    |
| 2.  | 789   |    | 100 g  | 599       | 03.93    |
| 3.  | 783   |    | 100 g  | 724       | 03.93    |
| 4.  | 311   |    | 200 g  | 910       | 03.93    |
| 5.  | 282   |    | 100 g  | 710       | 03.93    |
| 6.  | 879   |    | 200 g  | 895       | 03.93    |
| 7.  | 290   |    | 200 g  | 980       | 03.93    |
| 8.  |       |    | 200 g  | 905       | 03.93    |
| 9.  | 432   |   | 200 g  | 960       | 03.93    |
| 10. |       |  | 200 g  | 885       | 03.93    |
| 11. |       |  | 200 g  | 900       | 03.93    |
| 12. | 577   |  | 200 g  | 860       | 03.93    |
| 13. | 120   |  | 200 g  | 690       | 03.93    |



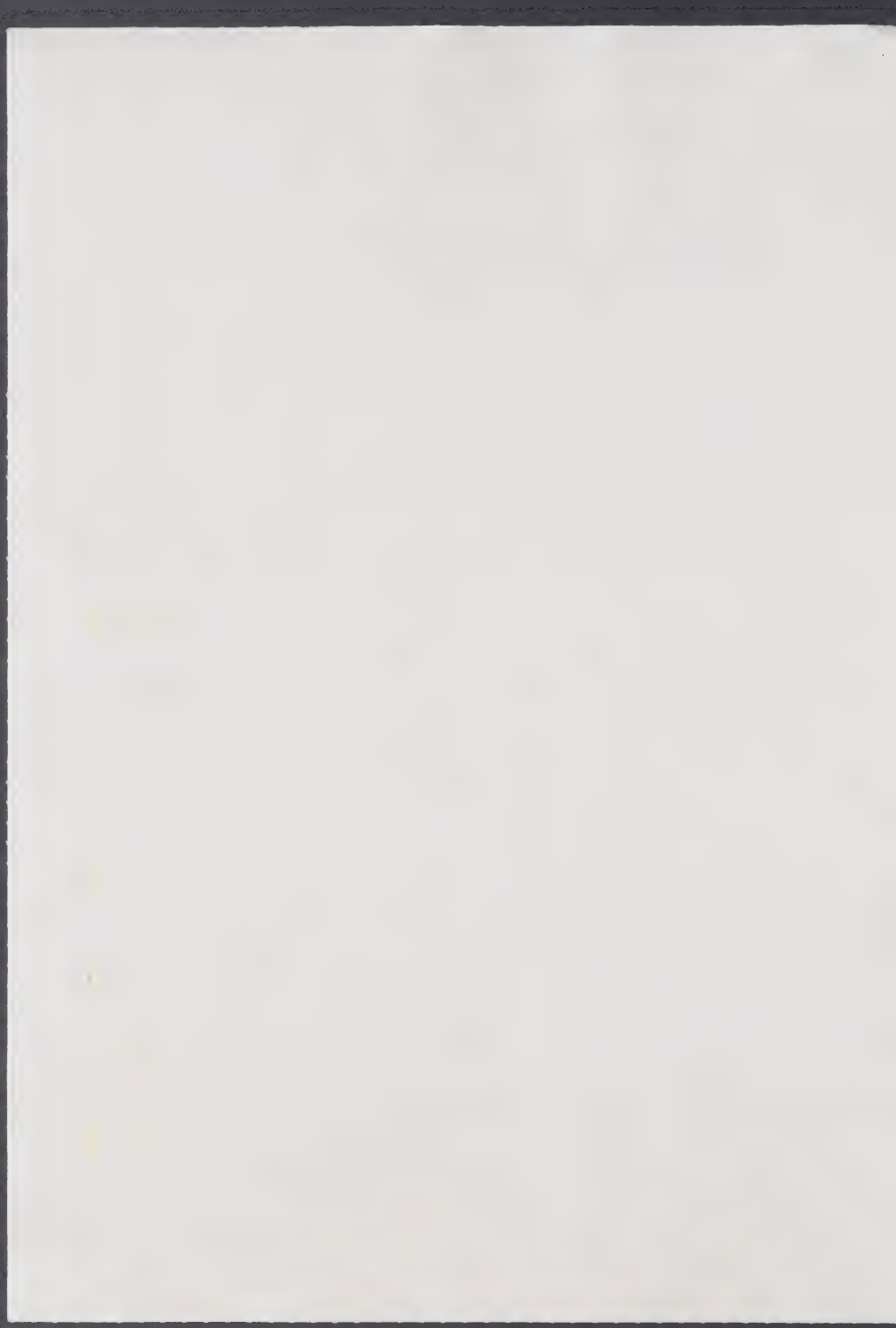
Current work with Bulk Chemicals.

We've got "Aldrich's" orders for 23 products. You have received 7 of them. Dr.J.Andor is going to visit Stainheim and bring 5 ordered bulk chemicals at the October 2. Some of the done chemicals we have returned to authors because of their poor quality (less than 95% purity). We wish to offer our sincere apologies, but we are forced to cancel 2 orders (products 36062-3 and 38294-9). So we are going to ship you the following substances:

| #   | Our # | Structure   | Order #  | Date           | Aldrich Catal.# | Quantity g/qu-tion | Supposed delivery  |
|-----|-------|---|----------|----------------|-----------------|--------------------|--------------------|
| 1.  | <100  |  .4HCl | M/8087   | 12.07<br>91.   | 38293-0         | 430 g<br>\$365.50  | end of<br>the year |
| 2.  | 316/1 |        | M/8087/1 | 01.92<br>appr. | 38355-4         | 100 g<br>\$300     | end of<br>the year |
| 3.  | 316   |        | M/8987   | 11.11<br>91    | 38354-6         | 200 g<br>\$590     | 02.10.92           |
| 4.  | 316/2 |        | M/8987/2 | 01.92<br>appr. | 38533-6         | 200 g<br>\$680     | 10.92              |
| 5.  | 542   |        | M/9331/3 | 01.92<br>appr. | 39061-5         | 200 g<br>\$670     | 02.10.92           |
| 6.  | 265   |        | M/3975   | 04.02<br>92    | 39097-6         | 200 g<br>\$390     | end of<br>the year |
| 7.  | 269   |        | M/3975/1 | 02.92<br>appr. | 39098-4         | 200 g<br>\$240     | end of<br>the year |
| 8.  | 281   |        | M/3975/2 | 02.92<br>appr. | 39099-2         | 100 g<br>\$485     | end of<br>the year |
| 9.  | 271   |      | M/3975/3 | 02.92<br>appr. | 39101-8         | 200 g<br>\$290     | end of<br>the year |
| 10. | 99    |      | M9575/4  |                | 39102-6         | 200 g<br>\$590     | 02.10.92           |
| 11. |       |      | M/9575/4 | 01.92<br>appr. | 38875-0         | 200 g<br>\$720     | 03.93              |
| 12. | 676   |      |          | 04.92<br>appr. | 13509-7         | 100 g<br>\$195     | 02.10.92           |
| 13. |       |      |          | 04.92<br>appr. | 39368-1         | 120 g<br>\$614.40  | end of<br>the year |
| 14. | 327   |      |          | 04.92<br>appr. | 38412-7         | 120 g<br>\$168     | 02.10.92           |
| 15. |       |      |          | 07.92<br>appr. |                 | 100 g<br>\$        | 02.10.92           |

All the compounds marked by asterisk, we able to resupply you in the future.

the substances are going to Stainheim.



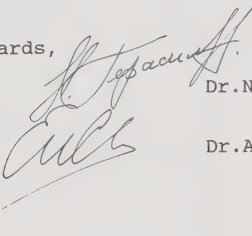
ABC-Library work

We have got some letters from chemists of various regions of the former USSR. We are selecting the most interesting compounds and wish you will satisfy by our choice. Some of the compounds we've got we are testing by physical methods, when their quality seems to be doubtful for us.

We do hope that we will meet you at January 93 in Milwaukee and have a chance to discuss our problems.

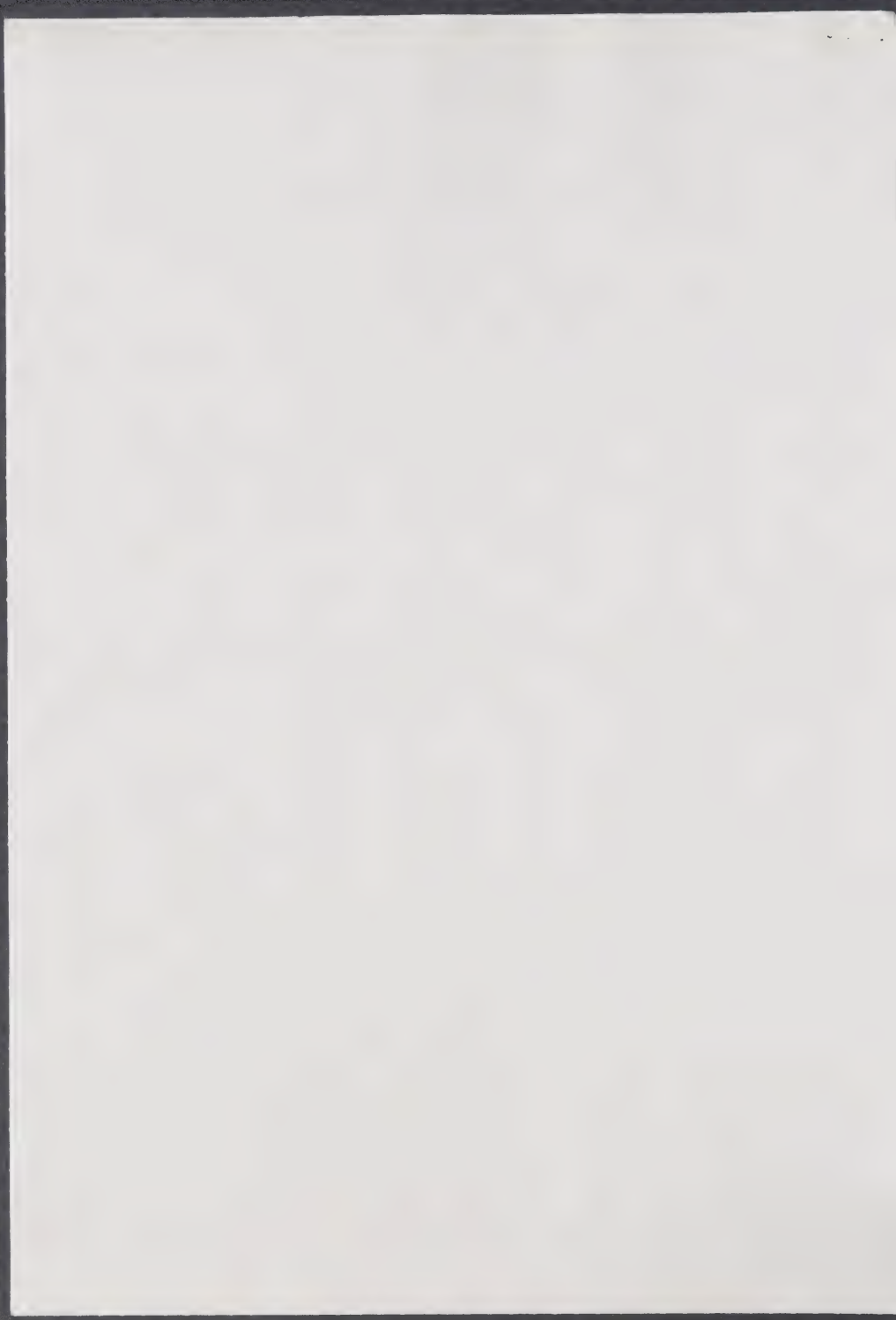
We sincerely appreciate your patience and continued interest to our work. We are look forward to your any advices concerning organization of our business.

With the best regards,

The image shows two handwritten signatures in cursive. The first signature is for Dr. N.N. Gerasimchuk and the second is for Dr. A.N. Esaulenko. Both signatures are written in dark ink and are positioned to the left of their respective printed names.

Dr. N.N. Gerasimchuk

Dr. A.N. Esaulenko



To Bob Gorzek

Szeged. September 8, 1992.

Dear Dr. Bader !

It was a great pleasure to meet you and to have a chat with you and with Mrs. Bader this June in Bratislava. Many thanks for your kind attention to our problems. I was very happy reading your fax message which was sent to Dr. J. Andor in September. You have got a very tight schedule this year. I would like to wish you good trips to all these places you have planned to visit.

We, I and Kolja, will not travel to Milwaukee, while you and Isabel are away. We are very happy about the invitation from Mr. Robert J. Gorzek which was sent by fax. We heard about it from Dr. J. Andor by phone. A copy of that fax is enclosed. Thank you for it.

But when I read it in Szeged, I realized that we would have a lot of difficulties in Kiev with it. I hope you will understand all of our troubles which are described in the following part of my letter.

Our trip to Milwaukee will cost about \$ 1.500 per person. Owing to your kind care, we have enough money to pay for it. But we learned about "Vidrodshennja" (Revival) fund in Kiev. This fund can pay our tickets to Milwaukee, if it will be a scientific, but not for a business one. I think you agree that it will be better to try to get this sum from this source and save our own money for other purposes. That's why we asked Dr. Stephen Branca in June by a letter to emphasize (if it is possible) message that our visit will be a scientific one. A copy of this letter was also sent to your address. May be these letters were lost.

Another difficulty arose from the fact that Dr. N. N. Gerasimchuk is the employee of the University of Kiev not the Institute of Food Additives. Therefore my Institute is unable to provide the necessary documents for him, which must be sent to the Ukrainian Ministry of Foreign Affairs.

A possible solution would be a new letter of invitation sent to Dr. J. A. Andor which names the "AgroEVMTechnService" as our institution instead of Institute of Food Additives. We have very good connections with the director of this venture. He helped us a lot in the past. With the new letter he would be able to provide the necessary documents for both of us. It would be essential, that the visit is strictly scientific in nature and it would save us a considerable amount of money.

Fortunately there is a piece of good news too. There is a new US embassy in Kiev, so we can get our entry visa in our country.

I'm sorry about disturbing you with all these problems, but we live in an extraordinary country where the "rules of the game" could be unusual and strange for you. Only we know these rules. By the way, recently the fax message was not accepted as a legal document, so we would like to ask you to send the original by mail as it is customary in the US.

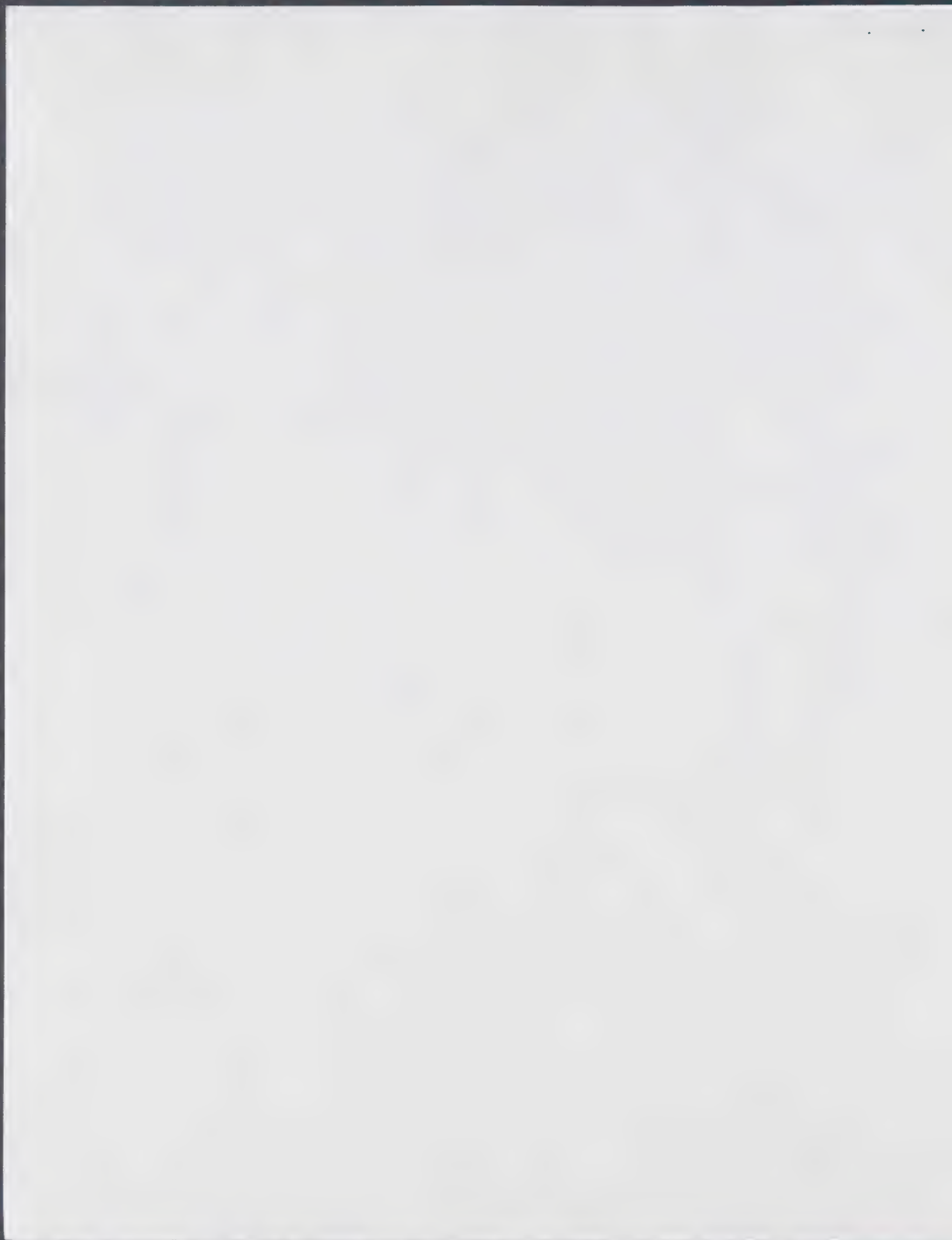
If it turns out to be impossible to send a new letter of invitation with the above mentioned corrections, please notify us through Dr. J. Andor.

We do our best to get our visas. The procedure will, certainly take minimum two or three months, so the first possible date of our visit can be the beginning of January.

The main items of this fax-message I send to Mr. R. Gorzek attention.

Sincerely yours

A. N. Esaulenko





FAX FROM

DR. ALFRED R. BADER  
Suite 622  
924 East Juneau Avenue  
Milwaukee, Wisconsin 53202  
Telephone 414-277-0730  
Fax No. 414-277-0709

2 pages

Date: September 9, 1992

To: Bob Gorzek  
Aldrich Chemical Co., Inc.  
Via Fax 273 3733



BOB: Write two letters, one to Mowcow and one to Kiev, fax both to Andor (36 62 11943) in Hungary, and air mail both to Gerasimchuk.

Suggestion

~~Rough Draft~~ To the U.S. Embassy in Moscow & To the U.S. Embassy in Kiev

Separately

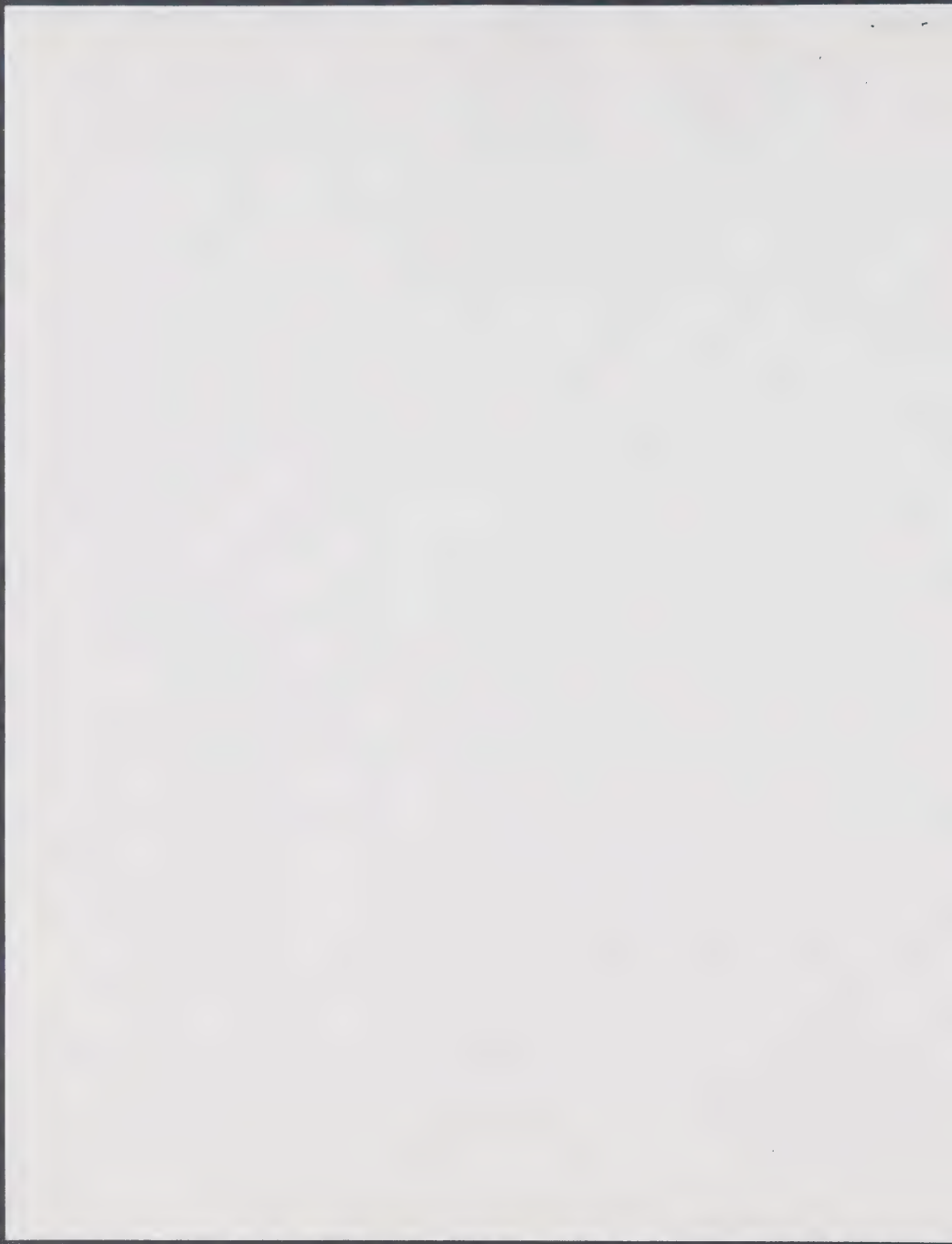
Dr. Nikolay Gerasimchuk and Dr. Andrey Esaulenko from AgroEVM Techservice in Kiev are able young scientists who have indicated their interest in visiting Aldrich Chemical Company, Inc. in Milwaukee, Wisconsin to discuss our many mutual scientific interests.

When Dr. Gerasimchuk and Dr. Esaulenko arrive in Milwaukee, Aldrich will provide board and lodging during their three-day stay.

If there are any questions, please contact me.

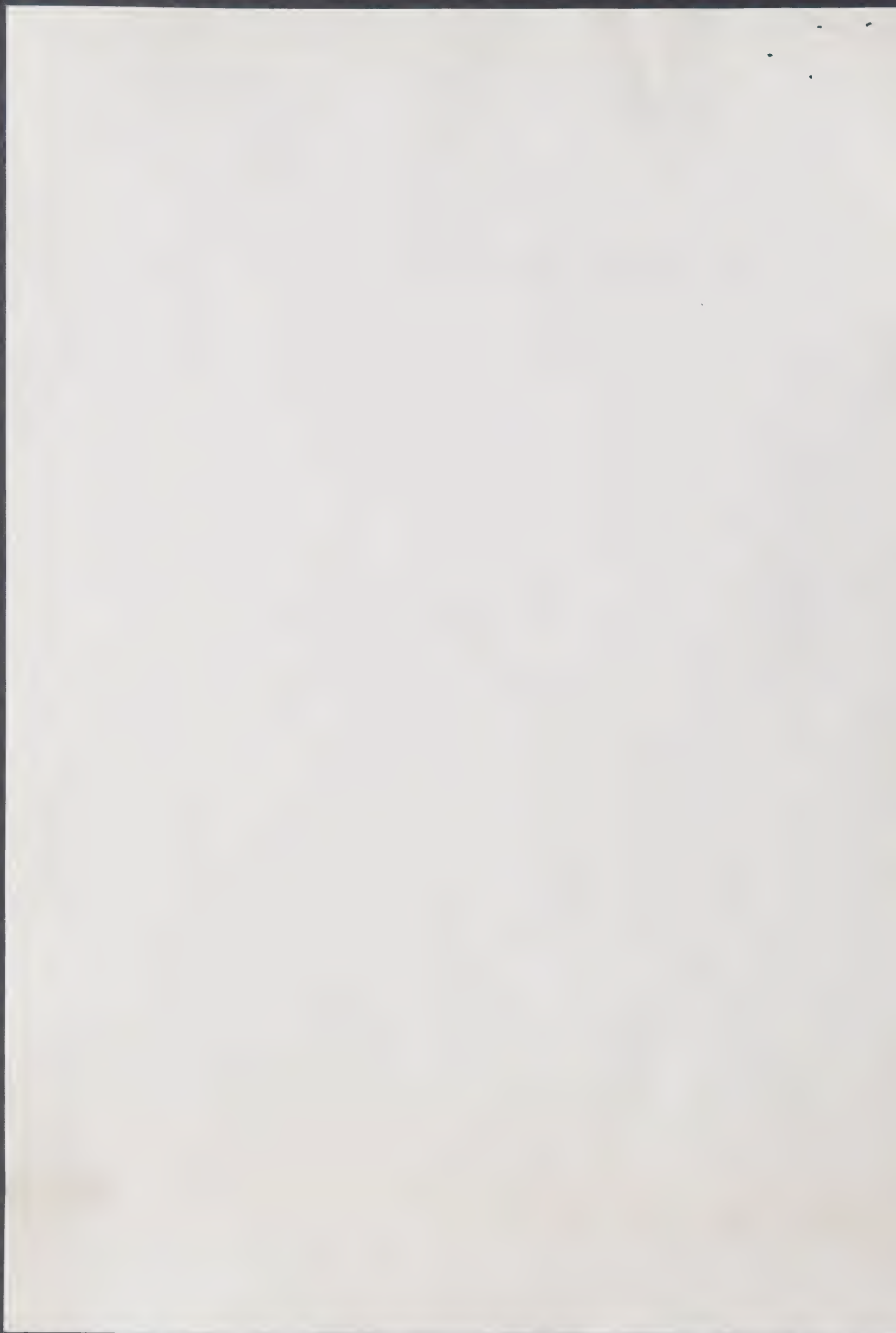
Sincerely,

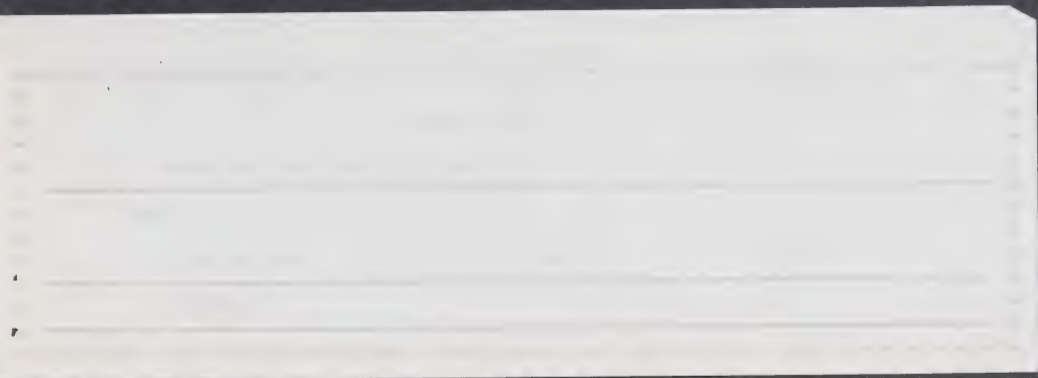
Robert J. Gorzek  
Vice President of Operations

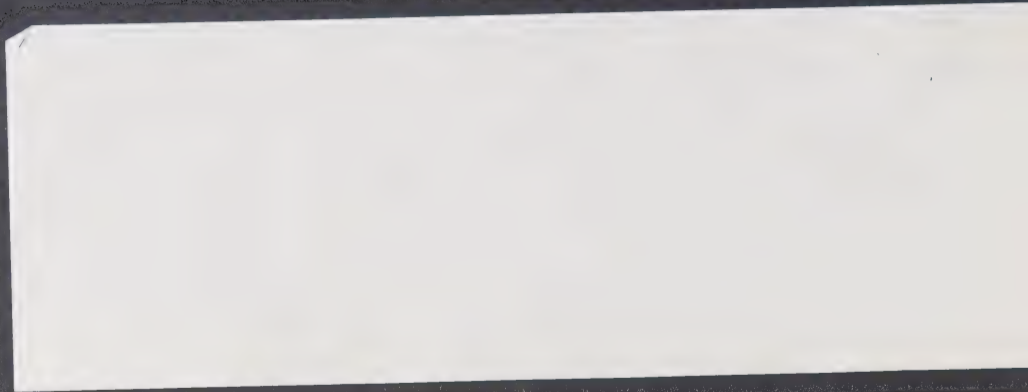


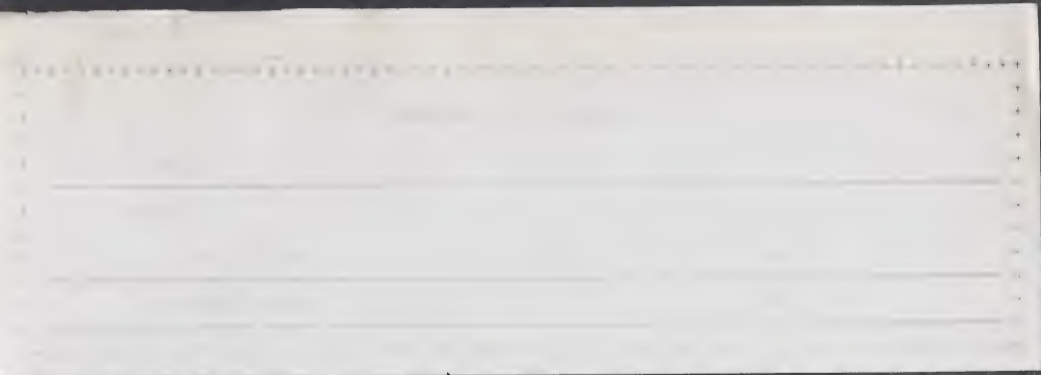


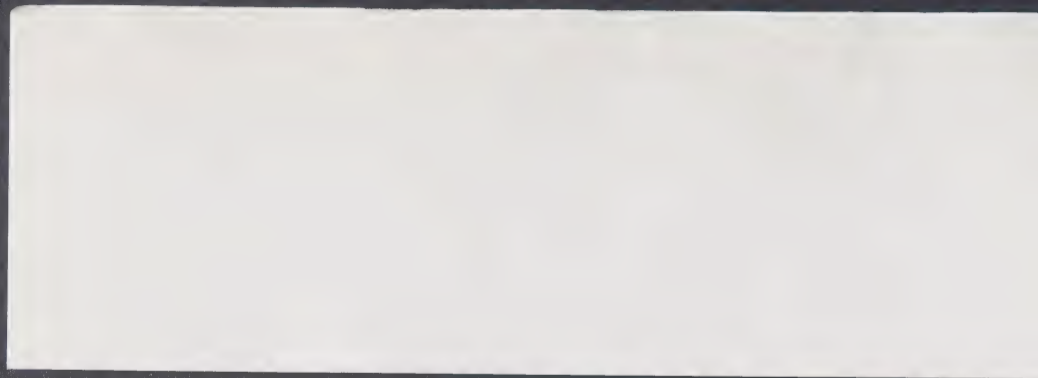
aldrich chemical company, inc.













FAX TRANSMITTAL SHEET

FROM: DR. ALFRED BADER  
2961 North Shepard Ave.  
Milwaukee, Wisconsin 53211  
PHONE: (414) 962-5169  
FAX: (414) 962-8322 (home) OFFICE: (414) 277-0709

TO: TO: Dr. Gerasimchuk & Dr. Esaulenko  
c/o Prof. DR. Andor Jozsef  
FAX: Institute of Physical Chemistry  
36 62 11943

Dear Dr. Gerasimchuk and Dr. Esaulenko:

Mr. Robert Gorzek, a Vice President at Aldrich, has now sent you Aldrich's letter of invitation, and I hope that it will suffice for you to receive the American visa. Naturally, Isabel and I would love to be here when you visit, and so I would like to tell you what dates will be in Milwaukee:

September 1--16 - Then we will go on a lecture tour to Spain from which we will return on September 27.

September 28 and October 7 are Jewish holidays, and we cannot see you those days.

September 29--October 5 - We will be in Milwaukee.

October 8--10 - We will be in Milwaukee.

October 11--17 - We will be in New Jersey.

October 18--22 - We will be in Milwaukee.

October 23--26 - We will be in Pennsylvania.

October 27--30 - We will be in Milwaukee.

October 31--November 5 - We will be in Colorado.

November 6--7 - We will be in Milwaukee.

November 8--December 22 - We will be in Canada, England and Holland.

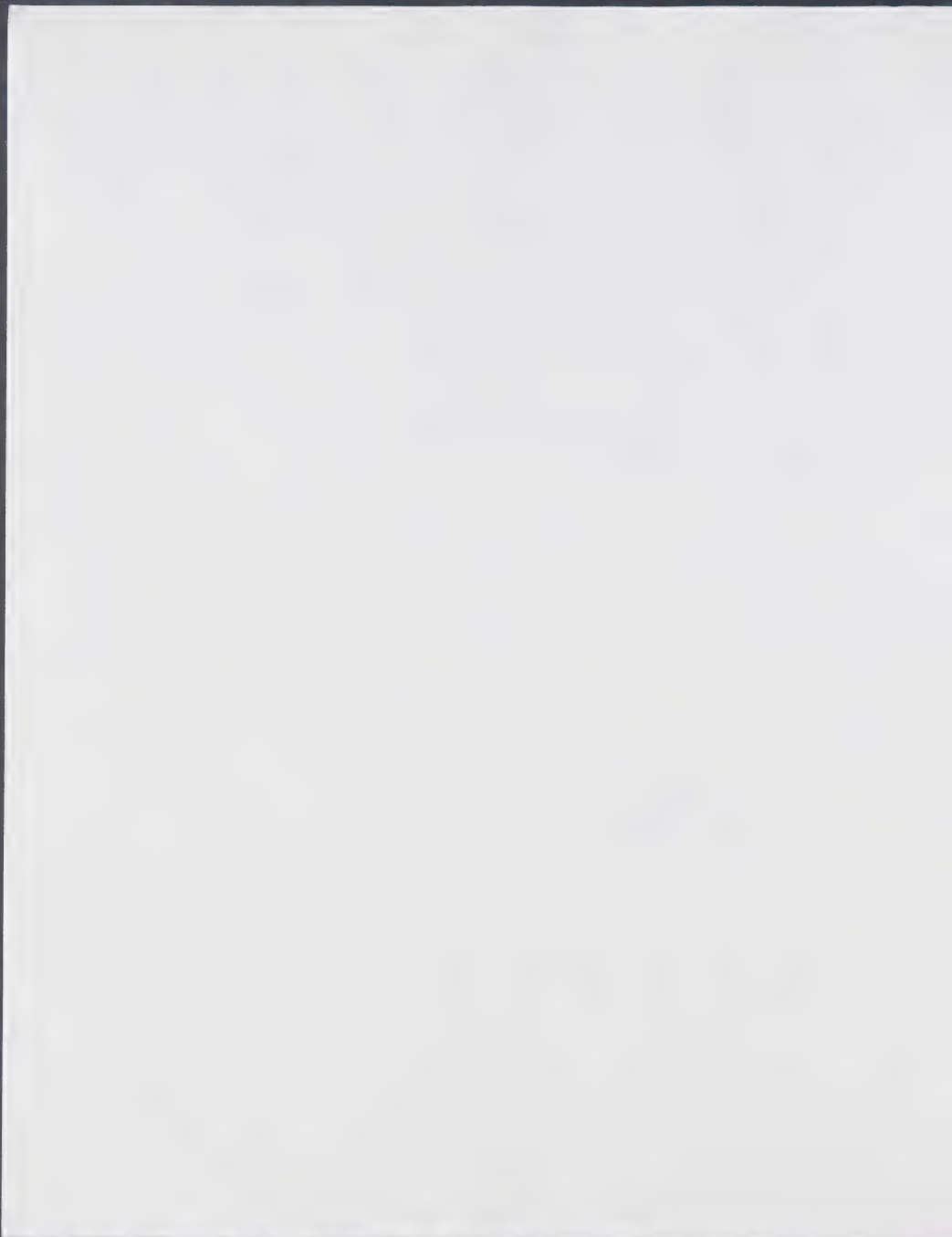
December 23--31 - We will be in Milwaukee.

January, 1993 - We will be in Milwaukee.

We look forward to seeing you.

Sincerely,

Alfred Bader  
c: Mr. R. Gorzek and Mr. R. Wandler



We realize that the company can't take our travel expenses, and it should be mentioned in the letter. But much more important to us, if you empathize that all living expenses will be covered by Aldrich, even if this will not be possible. We do hope we will have enough cash money for 3-4 days living in your city. In this connection, we think you understand, that we are interested to get payment for our last parcels as soon as it will be possible for you and Mr. Robert Wandler.

And the last important item. Our post is very unreliable. On the other hand, we visit Szeged not so often. May we ask you to send two invitation letters. One - for Dr. Jozsef Andor's address, and another copy - for the address of our friend in Kiev, who helped us to make our advertisement:

N.B.

Mr. Igor V. Sotensky  
(for Dr. N. N. Gerasimchuk  
and Dr. A. N. Esaulenko)  
Venture "AgroEVMtechservice"  
252034, Reitarskaya 37, st.,  
Kiev, UKRAINE

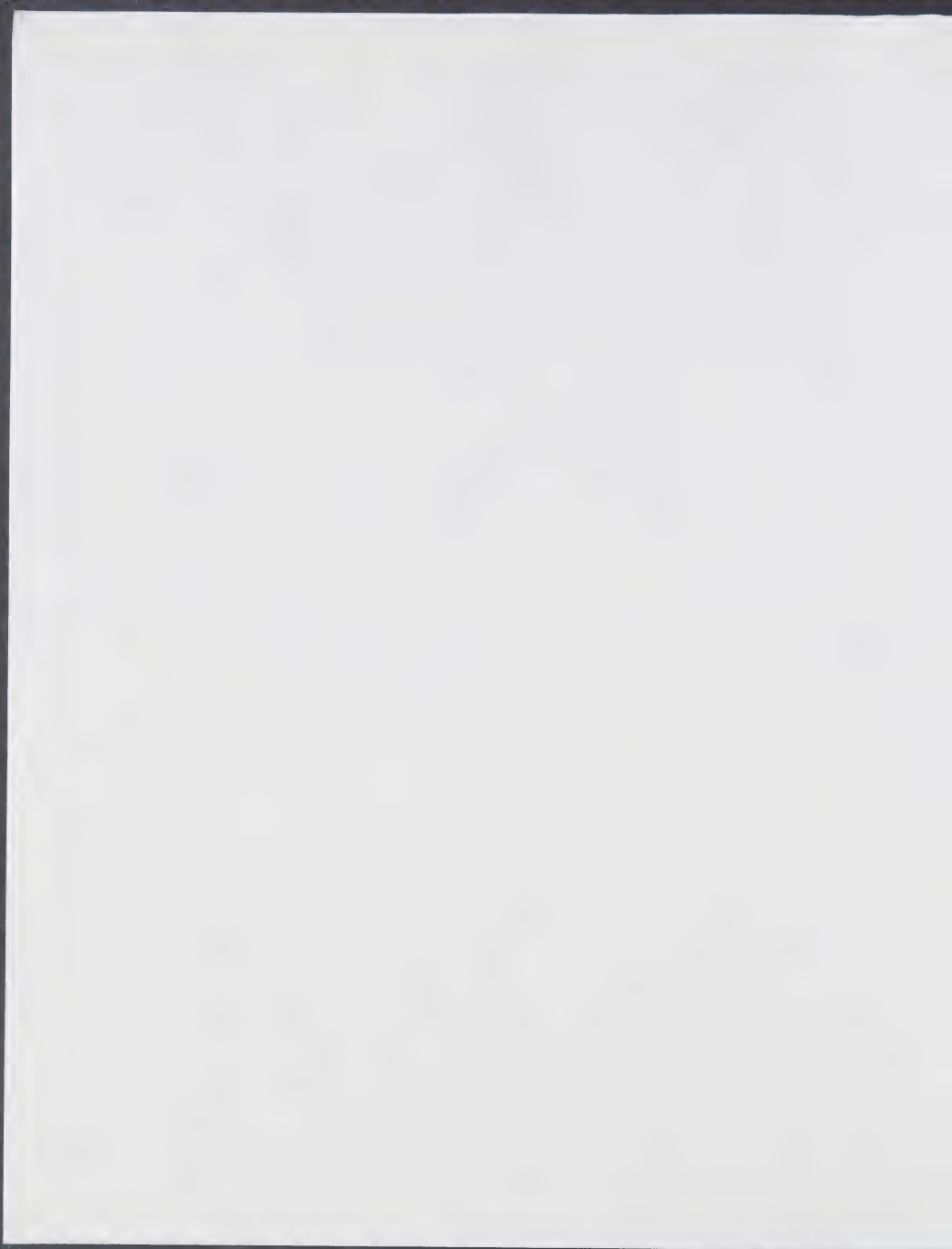
We are looking forward to meet you in Milwaukee.  
With kind regards and thanks for your good cooperation.  
Yours sincerely,

Dr. N. N. Gerasimchuk



Dr. A. N. Esaulenko





FAX TRANSMITTAL SHEET

FROM: DR. ALFRED BADER

2961 North Shepard Ave.  
Milwaukee, Wisconsin 53211

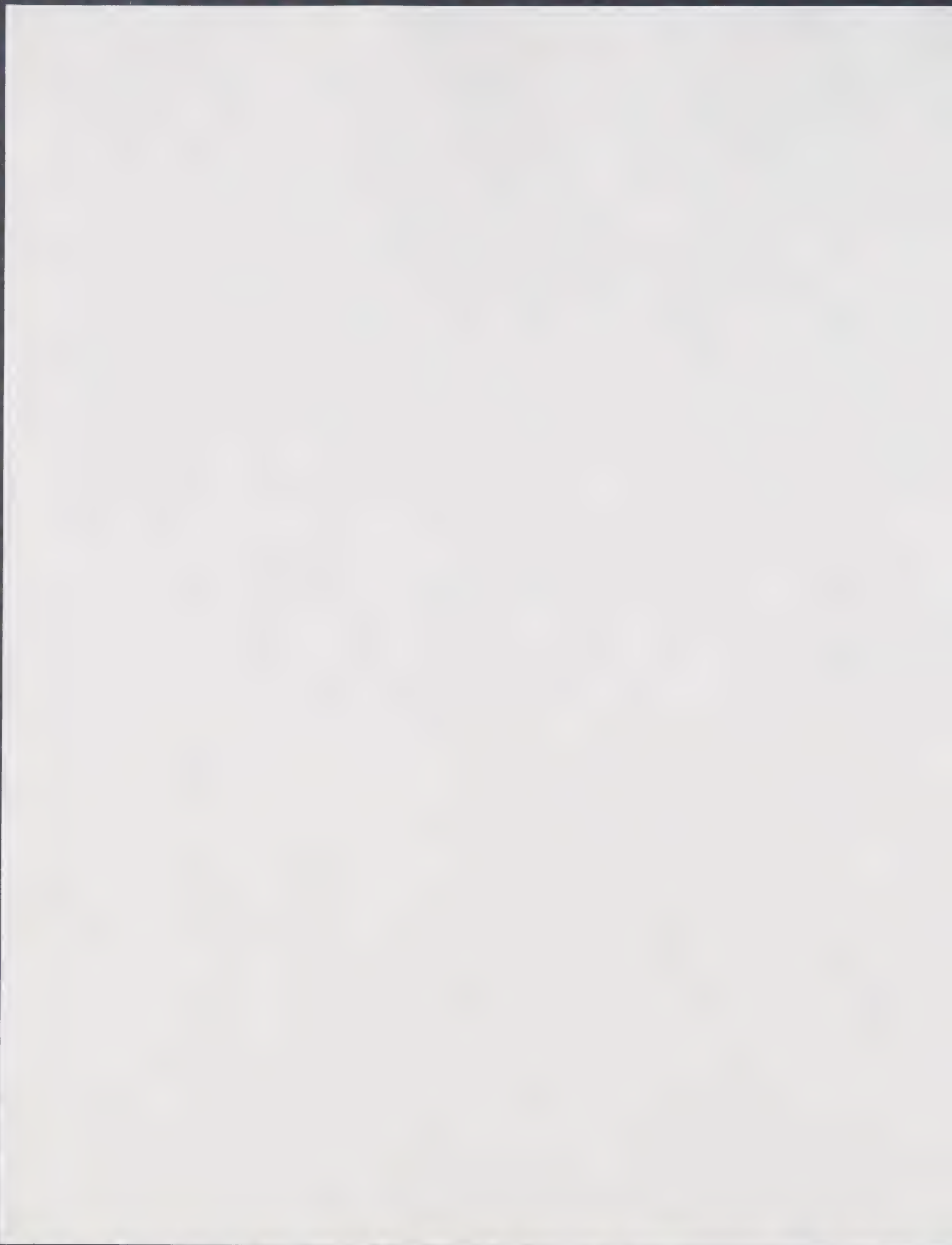
PHONE: (414) 962-5169 - *office 277-0730*

FAX: (414) 962-8322 - *office 277-0704*

TO: *Bob Gorych + Bob Wandler*

FAX: *273-3733*

*2 pp follow*



*Handwritten:* 11/2/92

**Dr. Stephen J. Branca**

Director of Research and Development,  
Aldrich Chemical Company, Inc.  
1001 West Saint Paul Avenue,  
Milwaukee, WI 53233  
USA

Kiev, June 28. 1992

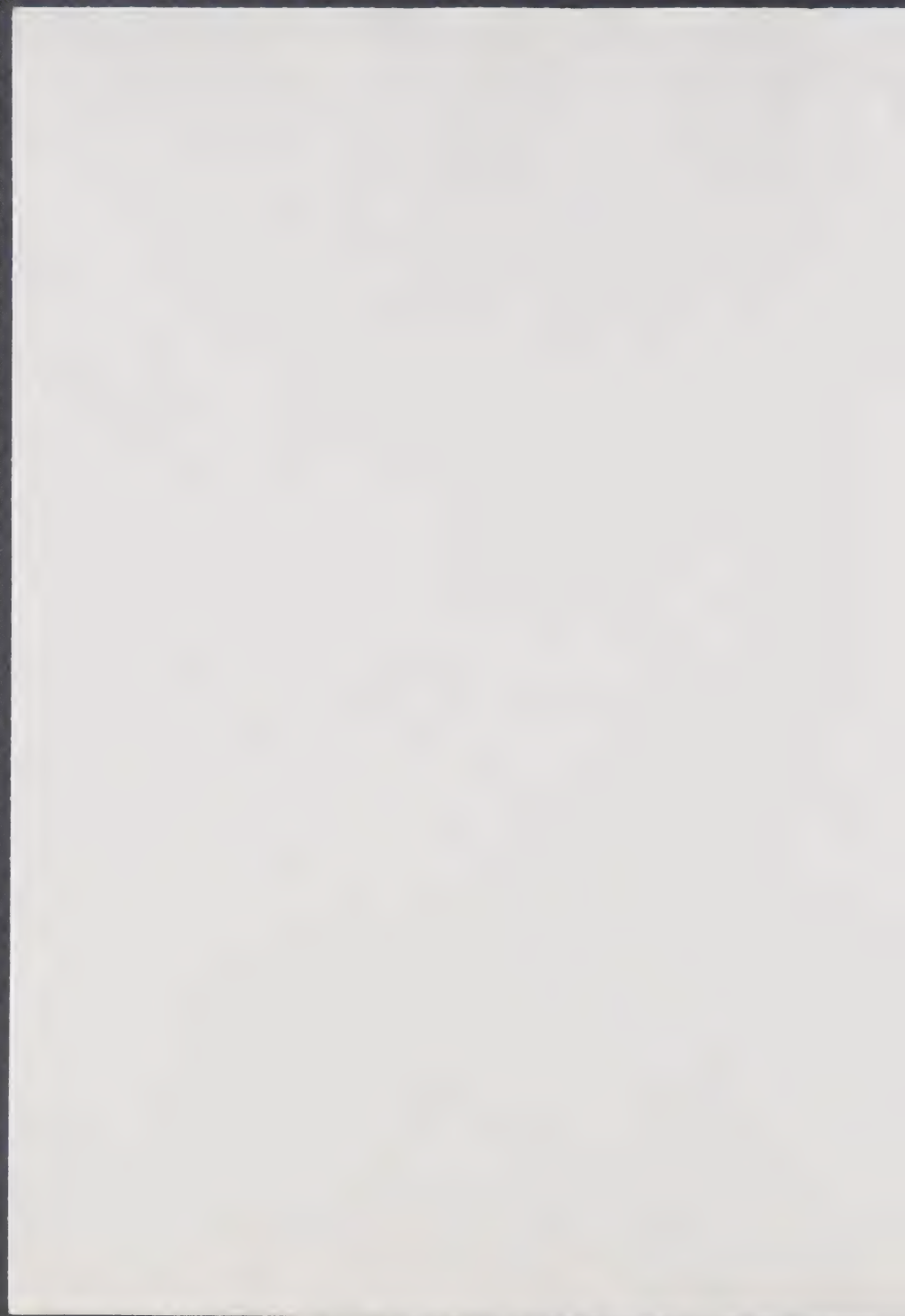
Dear Dr. Stephen J. Branca,

We met with Isabel and Dr. Alfred Bader in Bratislava June 4. We are sure that he is a very remarkable person and the company have lost something very important since he was trough out. Dr. Alfred Bader recommended you as a very kind and reliable person. He told us that you would like to meet us in Milwaukee this year. We also want to met you, as well as other gentlemen we dealt with. So, we are ready to arrive in convenient to you time.

It will be more suitable to us, as well as to Dr. A. Bader, if he will be present in Milwaukee during our visit. He told us, that the most convenient terms for our visit are the end of August and the time after he will return from his Spain trip. But we afraid, we will not able to be in time at the end of August, because we will get a lot of paper work in our Foreign Office and American Embassy, if we receive an invitation letter.

Unfortunately, we don't remember when Dr. Alfred Bader will come back from Europe. We will be ready to arrive in any time after he returning (may be at the beginning of October), if it will not destroy your plans.

It's much more suitable to us, if we will get an invitation letter from Aldrich Chemical company, because in this case we have a chance to get nonimmigrant entry visa more easy. We will get an advantage in compare with other candidates, if you make mention that the aims of our trips are scientific (not a business ones). We really can take a reports or lectures about our scientific work, developing of chemistry in Kiev and in Kiev's University.





We realize that the company can't take our travel expenses, and it should be mentioned in the letter. But much more important to us, if you empathize that all living expenses will be covered by Aldrich, even if this will not be possible. We do hope we will have enough cash money for 3-4 days living in your city. In this connection, we think you understand, that we are interested to get payment for our last parcels as soon as it will be possible for you and Mr. Robert Wandler.

And the last important item. Our post is very unreliable. On the other hand, we visit Szeged not so often. May we ask you to send two invitation letters. One - for Dr. Jozsef Andor's address, and another copy - for the address of our friend in Kiev, who helped us to make our advertisement:

**Mr. Igor V. Sotensky**  
**(for Dr. N.N. Gerasimchuk**  
**and Dr. A.N. Esaulenko)**  
**Venture "AgroEVMtechservice"**  
**252034, Reitarskaya 37, st.,**  
**Kiev, UKRAINE**

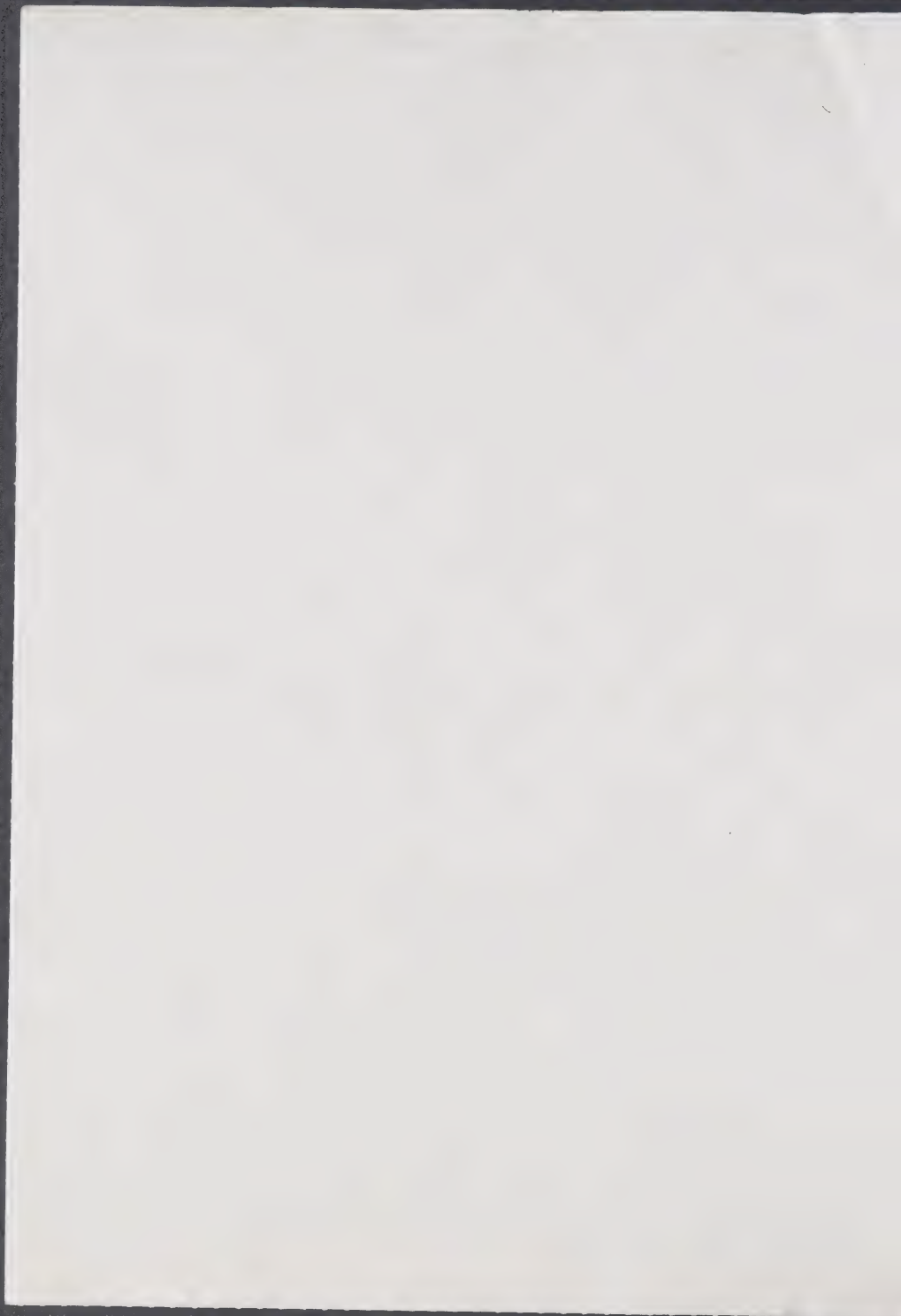
We are looking forward to meet you in Milwaukee.  
With kind regards and thanks for your good cooperation.  
Yours sincerely,

Dr. N.N. Gerasimchuk



Dr. A.N. Esaulenko





Dear Dr. Bader!

Today is June, 29. We have a good occasion to send this letter directly to You because one of our good friends - Dr. Alex Kolchinsky have got a grant from Kansas University and will work there five years. So, he will transport some letters for You and Dr. Branca and resend them from the United States to Milwaukee.


In all cases we will send for You the copy of every our letter to the company. It is our deep opinion that You have to know about our connections with "Aldrich" in the details.

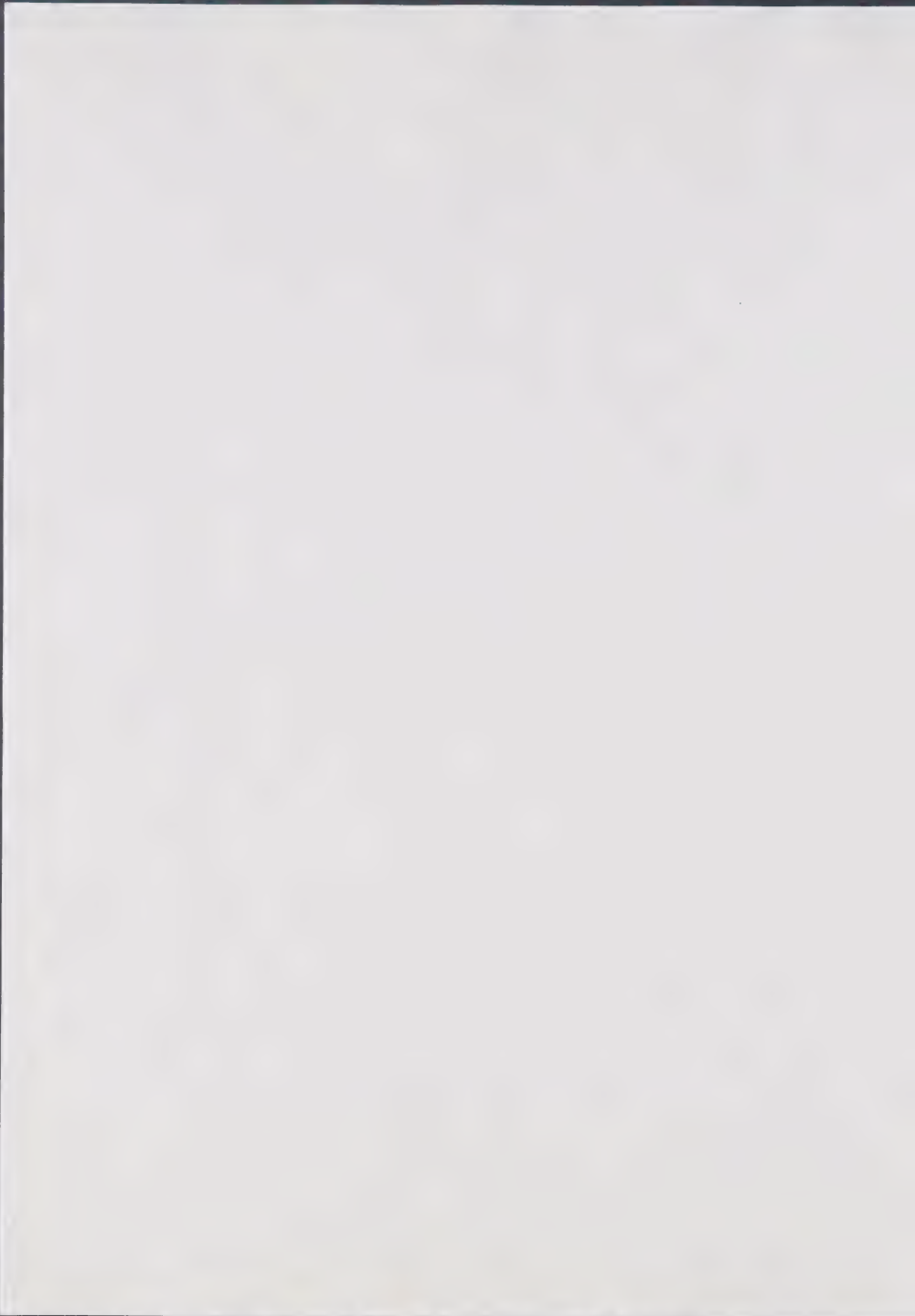
Thank You once more for our nice meeting in Bratislava! We were happy to meet with You and Isabel again!

We do hope for our next meeting and continue a very interesting discussions in the future in Milwaukee this October.

With the best wishes

Sincerely Yours,

 (Dr. N. Gerasimchuk)



*Copy for Dr. Bader*

**Dr. Stephen J. Branca**

Director of Research and Development,  
Aldrich Chemical Company, Inc.

**Mr. Robert Wandler**

Library of Rare Chemicals Manager  
Aldrich Chemical Company, Inc.  
1001 West Saint Paul Avenue,  
Milwaukee, WI 53233  
USA

Kiev,  
June 10-25, 1992.

**Dear Dr. Stephen J. Branca and Mr. Robert Wandler,**

We are sorry for the delay in answering for some items of your fax message from May 1. We were in Szeged at 6 of June, but Dr. J. Andor's computer was out of order. So we try to give you our reply now.

**General Questions. Current work with Bulk Chemicals.**

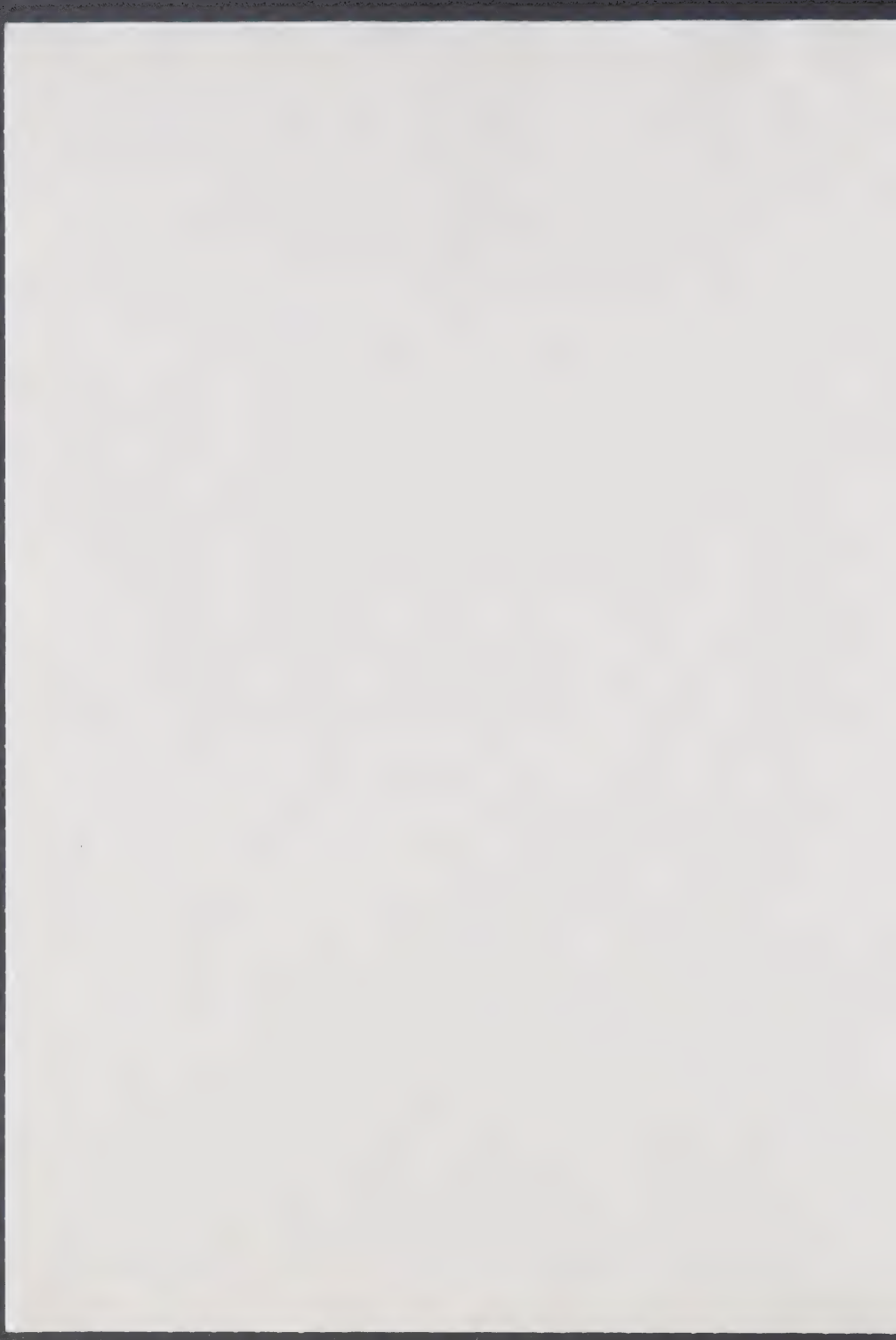
First of all, some words about bulk chemicals shipment to "Aldrich-Chemie". At the middle of this May we learned that Dr. J. A. Andor had received some faxes from "Aldrich-Chemie" personal (Mr. Mark Jackson, Mr. D. Lamb, Mr. M. Reu and Dr. Alfred Griesinger) about the destiny of their orders and a terms of ordered chemicals shipment. Allow us to give you some comments to the situation.

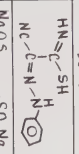

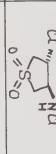

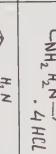
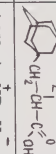


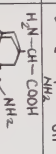
Most of a parcels from the former USSR can examine by KGB = customer officers even now. The situation complicates because we act as private persons. That's why the most suitable way to us, is to take chemicals to Hungary together with a letter from the chemical department of Kiev's University to the customer service. This letter describes the chemicals as a non-drugs, non-toxic, etc, - materials and we have no problem. The second step is shipment them out of Hungary. It's quite easy to sent a parcel with ABC-Library samples, but Dr. Andor's experience have showed us that 100 - 1000 g quantities shipment faced with some problems. Really, how hungarian custom-officer can distinguish 1 kg of a product, such as 38293-0 from a drug? Prof. J. Andor is obliged to give an information to a post servant about the origin of a chemical, and if it quantity more than 100-200 g it's so difficult to call it a research sample. So, our possibilities restricted now by 200 g - quantities, as a rule.

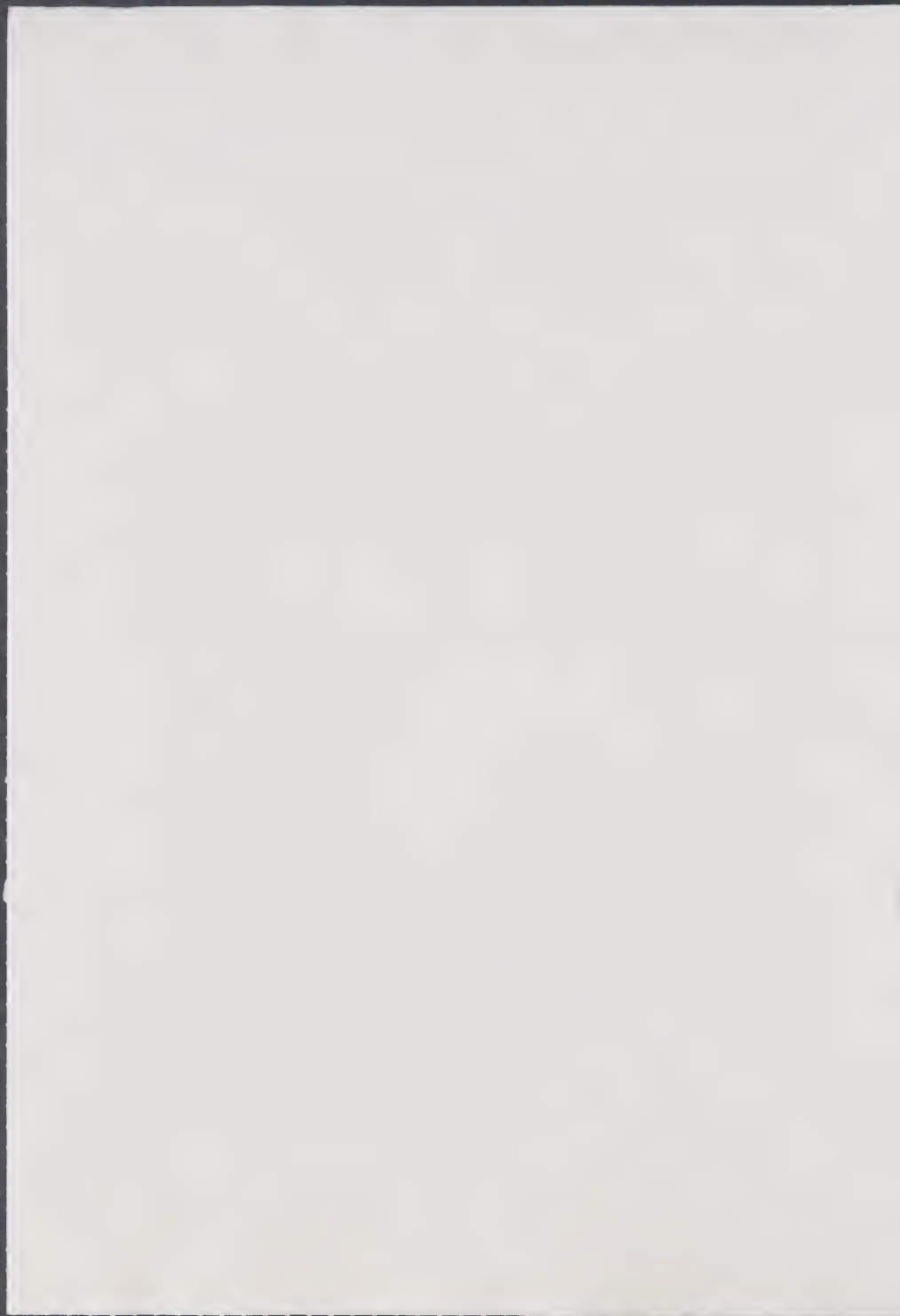
On the other hand, we give some part of a product quotation to a person who made it. All the expenses including a travel ones can take more than half of a product price.

In this connection, we do hope you realize that \$300/1 kg of the 38294-9 you offered us, is a very low value. One should take into account that 1 kg of this borohydride has 3-4 liter in volume. We think it's more convenient to produce it at a big plant, instead of transporting it from Ukraine through Hungary.

But please, look at the list of 22 products you ordered. We shipped 4 of them last year, 6 of them you have got, or will get in a nearest future, 4 - we are going to send in September - October, the same number - at the end of this year and the rest one in the March 1993. We wish to offer our sincere apologies, but we afraid, we are not able to ship you 2 products (36062-3 and 38294-9) for the reasons described above.

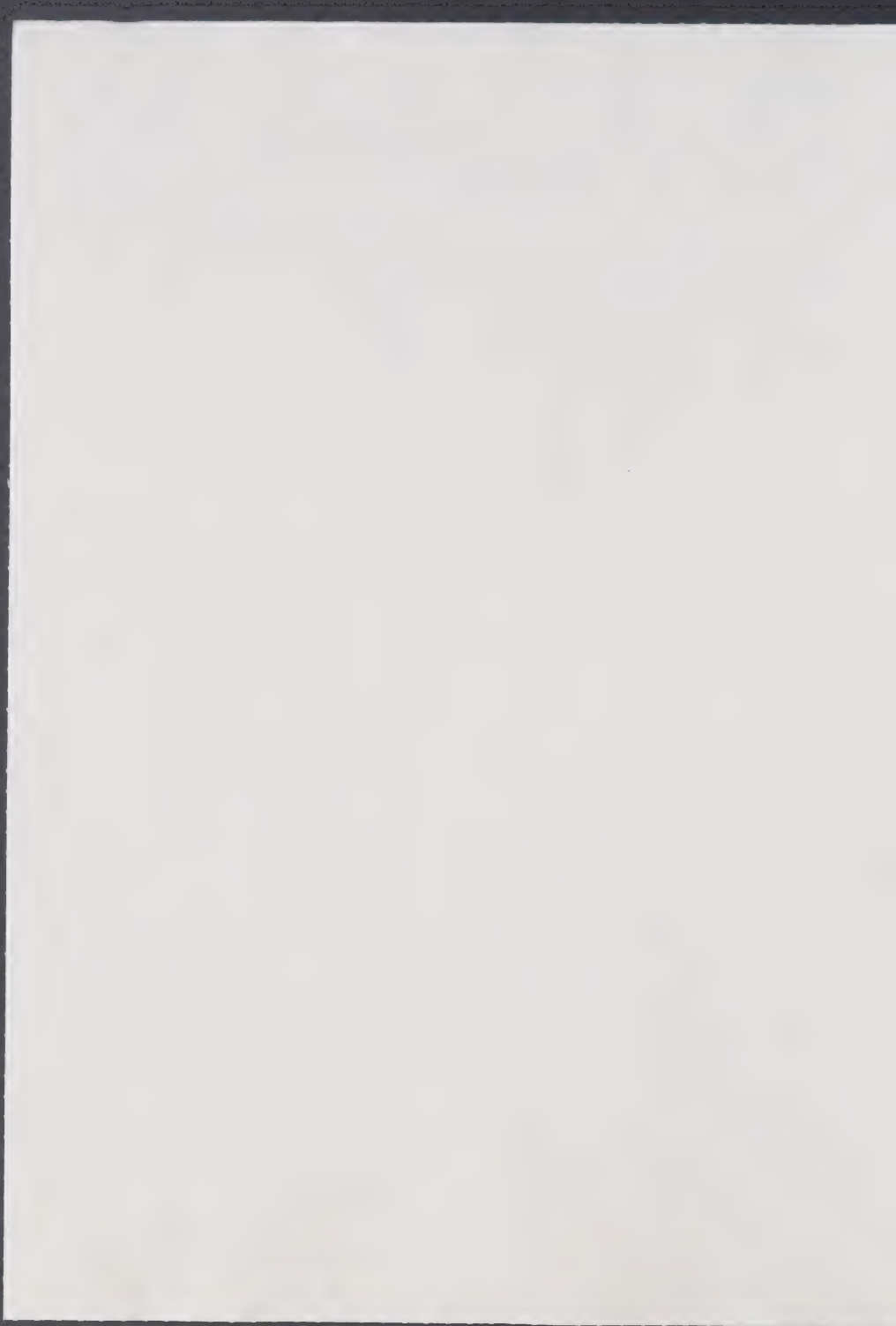


| #        | Our #     | Structure   | Order #  | Date           | Aldrich Catal. # | Quantity g/qu-tion | Supposed delivery  | Comments                           |
|----------|-----------|---|----------|----------------|------------------|--------------------|--------------------|------------------------------------|
| 1.       | <100<br>* | trans-[Te(S=C(NH <sub>2</sub> ) <sub>2</sub> ) <sub>2</sub> Cl <sub>2</sub> ]     |          | summ.<br>1991  |                  | 105 g<br>\$115     | 09.91              | Our first deliv. done              |
| 2.       | 136<br>*  |  |          | summ.<br>1991  |                  | 110 g              | 09.91              | Our first deliv. done              |
| 3.       | 141       |  |          | summ.<br>1991  |                  | 113 g              | 09.91              | Our first deliv. done              |
| 4.       | 129       |  |          | summ.<br>1991  |                  | 104 g              | 09.91              | Our first deliv. done              |
| 5.       | <100      |  | M/8087   | 12.07<br>91.   | 38293-0          | 1000 g<br>\$850    | end of<br>the year | 870 g done.<br>130 g - the<br>rest |
| 6.       | 316/1     |  | M/8087/1 | 01.92<br>appr. | 38355-4          | 100 g<br>\$300     | end of<br>the year | -                                  |
| 7.       | 112       | (CH <sub>3</sub> ) <sub>4</sub> NB <sub>3</sub> H <sub>8</sub> <sup>-</sup>       | M/8144   | 19.07<br>91    | 38294-9          | 1000 g<br>\$300    | -                  | see comments<br>in this letter     |
| 8.       | 316       |  | M/8987   | 11.11<br>91    | 38354-6          | 200 g<br>\$590     | 07.92              | in Szeged<br>now                   |
| 9.       | 316/2     |  | M/8987/2 | 01.92<br>appr. | 38533-6          | 200 g<br>\$680     | 10.92              | -                                  |
| 10.<br>* |           |  | M/9331   | 27.12<br>91    | 39059-3          | 200 g<br>\$640     | 06.92              | done                               |
| 11.      | 291       |  | M/9331/2 | 01.92<br>appr. | 39060-7          | 200 g<br>\$640     | 06.92              | done                               |





| #   | Our # | Structure                  | Order #  | Date           | Aldrich Catal. # | Quantity g/qu-tion | Supposed delivery  | Comments                |
|-----|-------|----------------------------|----------|----------------|------------------|--------------------|--------------------|-------------------------|
| 12. | 542   |                            | M/9331/3 | 01.92<br>appr. | 39061-5          | 200 g<br>\$670     | 07.92              | in Szeged<br>now        |
| 13. | 430   |                            | M/9331/4 | 01.92<br>appr. | 36062-3          | 200 g<br>\$700     | ?                  | failed to<br>synthesize |
| 14. | 265   |                            | M/3975   | 04.02<br>92    | 39097-6          | 200 g<br>\$390     | 09.92              | -                       |
| 15. | 269   |                            | M/3975/1 | 02.92<br>appr. | 39098-4          | 200 g<br>\$240     | end of<br>the year | -                       |
| 16. | 281   |                            | M/3975/2 | 02.92<br>appr. | 39099-2          | 100 g<br>\$485     | 09.92              | -                       |
| 17. | 271   |                            | M/3975/3 | 02.92<br>appr. | 39101-8          | 200 g<br>\$290     | end of<br>the year | -                       |
| 18. | 99    |                            | M9575/4  |                | 39102-6          | 200 g<br>\$590     |                    | in Szeged<br>now        |
| 19. |       |                            | M/9575/4 | 01.92<br>appr. | 38875-0          | 200 g<br>\$720     | 03.93              | -                       |
| 20. | 676   | $\text{Ph}_3\text{SbCl}_2$ |          | 04.92<br>appr. | 13509-7          | 100 g<br>\$195     | end of<br>the year | -                       |
| 21. | 327   |                            |          | 04.92<br>appr. | 38412-7          | 120 g<br>\$168     | 07.92              | 98% purity<br>in Szeged |



All the compounds marked by asterisk, (\*) we hope we able to resupply you in the future. We understand your troubles concerning this point. If you will get an additional order from your customers for a compound delivery we shipped you, the company will get in a difficult situation, if we will not able to ship the next portion of the chemical in time. You should be sure that we shall do our best to help you in such a case, but we have two main obstacles.

First of all, we can't influence to our colleagues, who made the chemical at a first time, so earnestly, as you can to Aldrich's personal. Secondly, we have a very long way of communication. So let's imagine, if you fax to Dr.J.Andor as soon as you need a chemical. We will able now to get this information not longer than 2-3 days later. We connect with our colleagues and they begin to make this substance. Process takes at least about 1 month. Than, after a week, one of us will take the substance to Szeged and, practice shows us, that Dr.J.Andor is able to send it within one month. Than this chemical begin its way to Stainheim and only after 2-3 month you will receive it. It's our reality now, unfortunately.

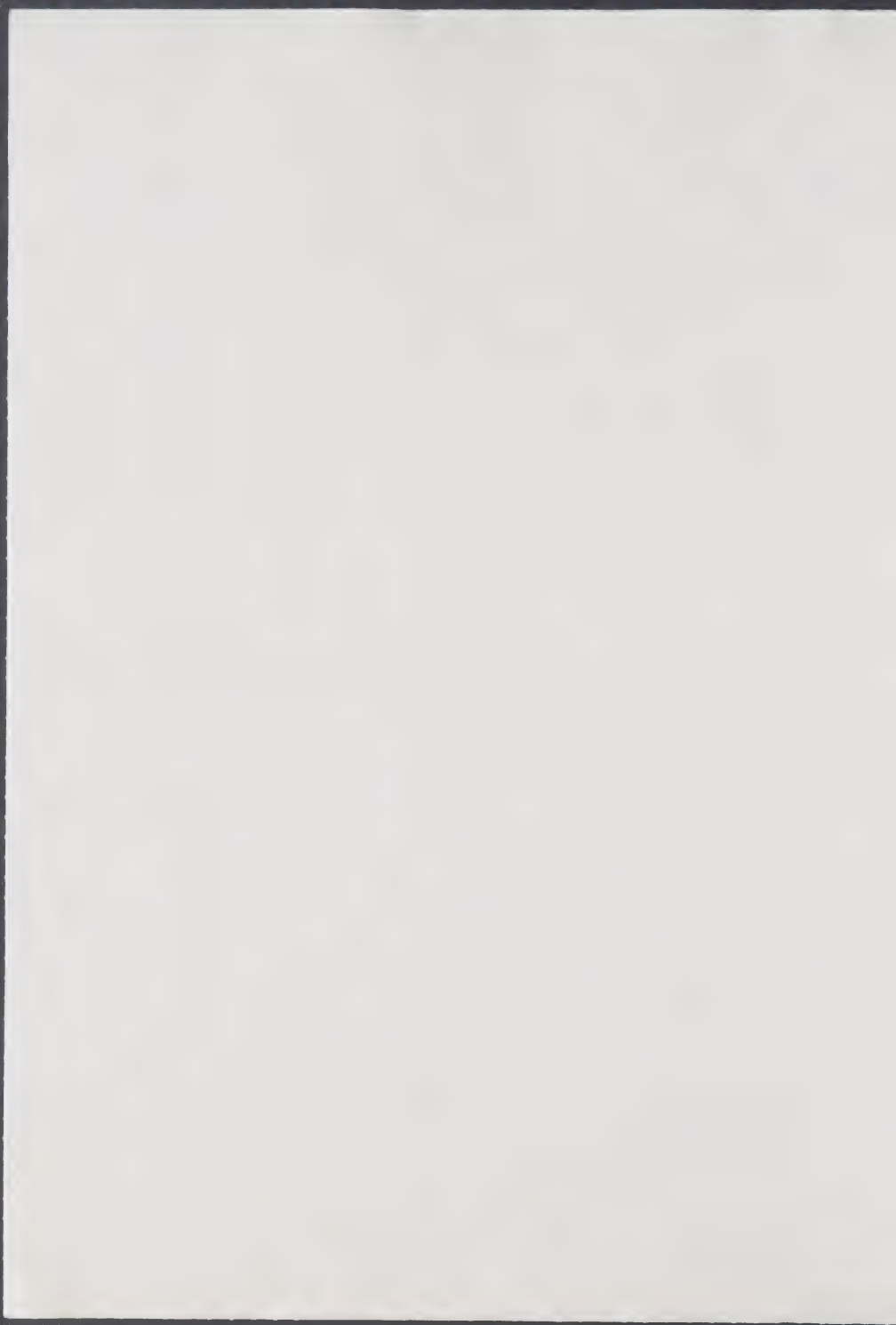
It was a very happy news for us to find that the ordered product 38412-7 has 98% purity, according to the enclosed GC/MS chromatography data.

You ought to be sure, that since this time all of the bulk products we ship we will try to check up with GC/MS method, if it will be possible. If some of the chemical we are not able to examine by this method, because of a compounds decomposition, or their low volatility, we will mention about this.

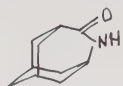
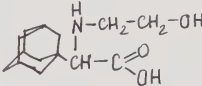
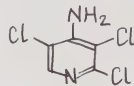
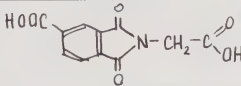
We regard that the main obstacle in our relations is illegal form of our activity. If it is possible to found "Ukranian" Aldrich office in Kiev, we are sure we will loose most of the present problems and can help Sigma-Aldrich to spread it activity in the former USSR-region. We are able to give you some convincing arguments why exactly Kiev is one of the best places in the region to found this office.

#### New suggestions.

As you informed us by your FAX-message from May 1, you are interested to purchase 100 - 1000 g quantities of the several compounds from the ABC-library list we had sent. Thank you for your attention, it's very pleasant news for us. We are interested also, if you will make correspondent extraction from the rest ABC-library chemicals we have shipped, and will ship to your and Mr.Robert Wandler attention. Unfortunately, we are able to produce only few of them now. Additional obstacle is that prices for everything have jumped up in our country. So don't afraid, if our quotations seems higher, in compare with our previous orders.



Now we would like to offer you the following compounds according to your May, 1 Fax:

| our #       | Structure   | amount | cost (\$) | delivery |
|-------------|---|--------|-----------|----------|
| # 865       |  | 100 g  | 912       | 01.93    |
| # 872       |  | 100 g  | 812       | 03.93    |
| # 1003<br>* |  | 200 g  | 940       | 10.92    |
| # 1022<br>* |  | 100 g  | 790       | 10.92    |

We do hope, that we can distinguish now more precisely the samples fit to ABC-library and to the bulk (100 - 1000 g) orders, according to the company interests. We were asked by our colleagues is it possible to get Aldrich's order for the following chemicals (see next page):

Regarding your 3 questions concerning FT-IR (Vapor Phase) and mass spectra of our compounds for inclusion into your library data bases (see your May 1 fax message):

1. We can make the mentioned spectra of the compounds we will get from our partners, so we can't provide you a list of compounds. But some of the compounds we have shipped to ABC-Library are available to us now and we can begin this work as soon, as we will get your positive response.

2. Naturally, we are able to supply you this information in digital form on HP - "CS-80" cartridge tapes. Mass-spectra data base suitable for PBM-search.

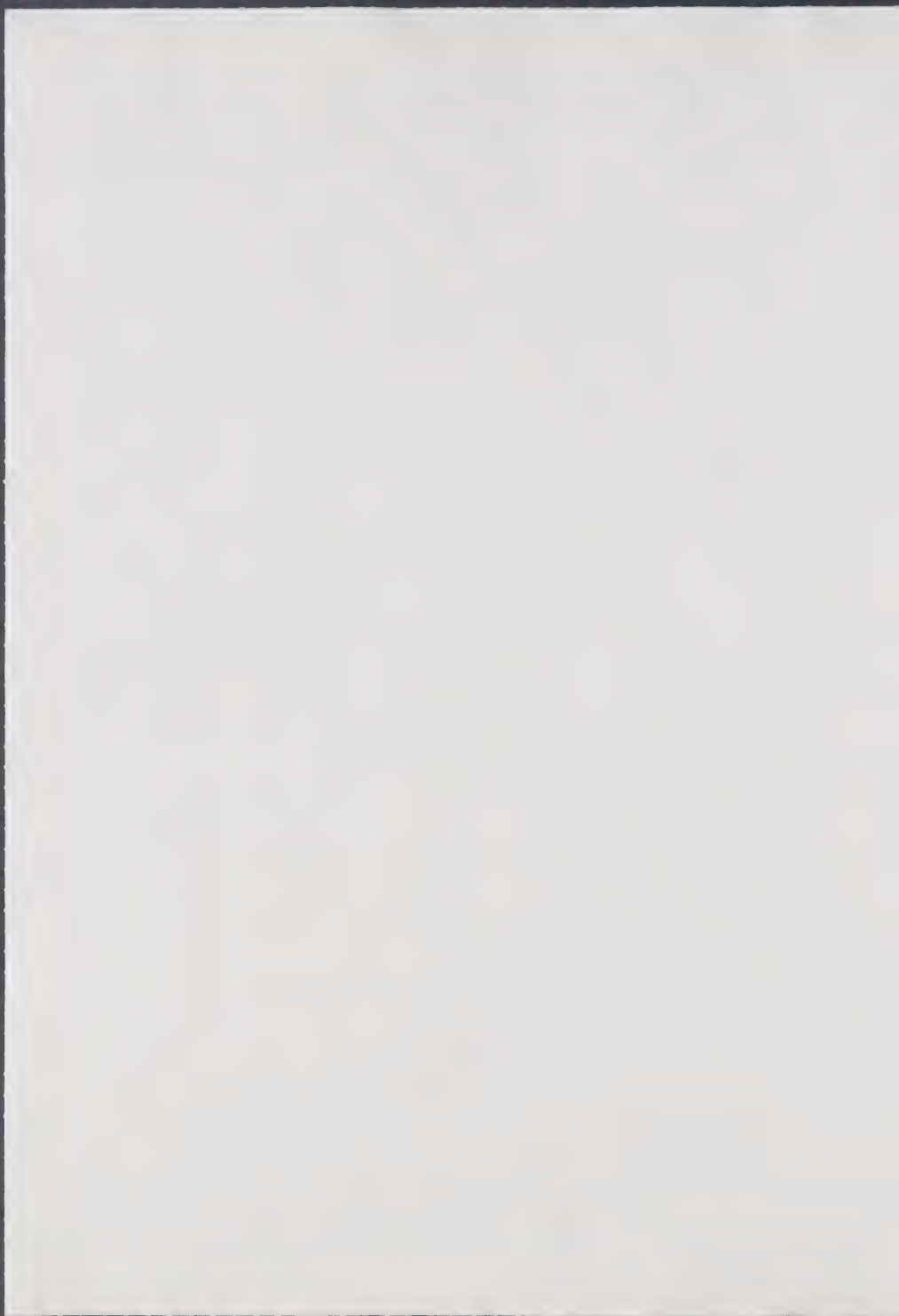
3. All of the equipment available in our lab made by "Hewlett-Packard" corporation:

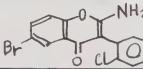
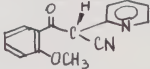
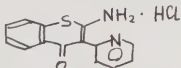
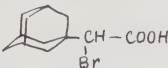
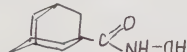
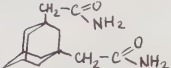
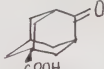
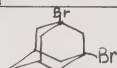
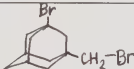
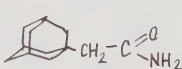
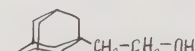
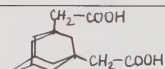
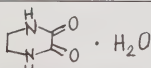
GC/MS device:

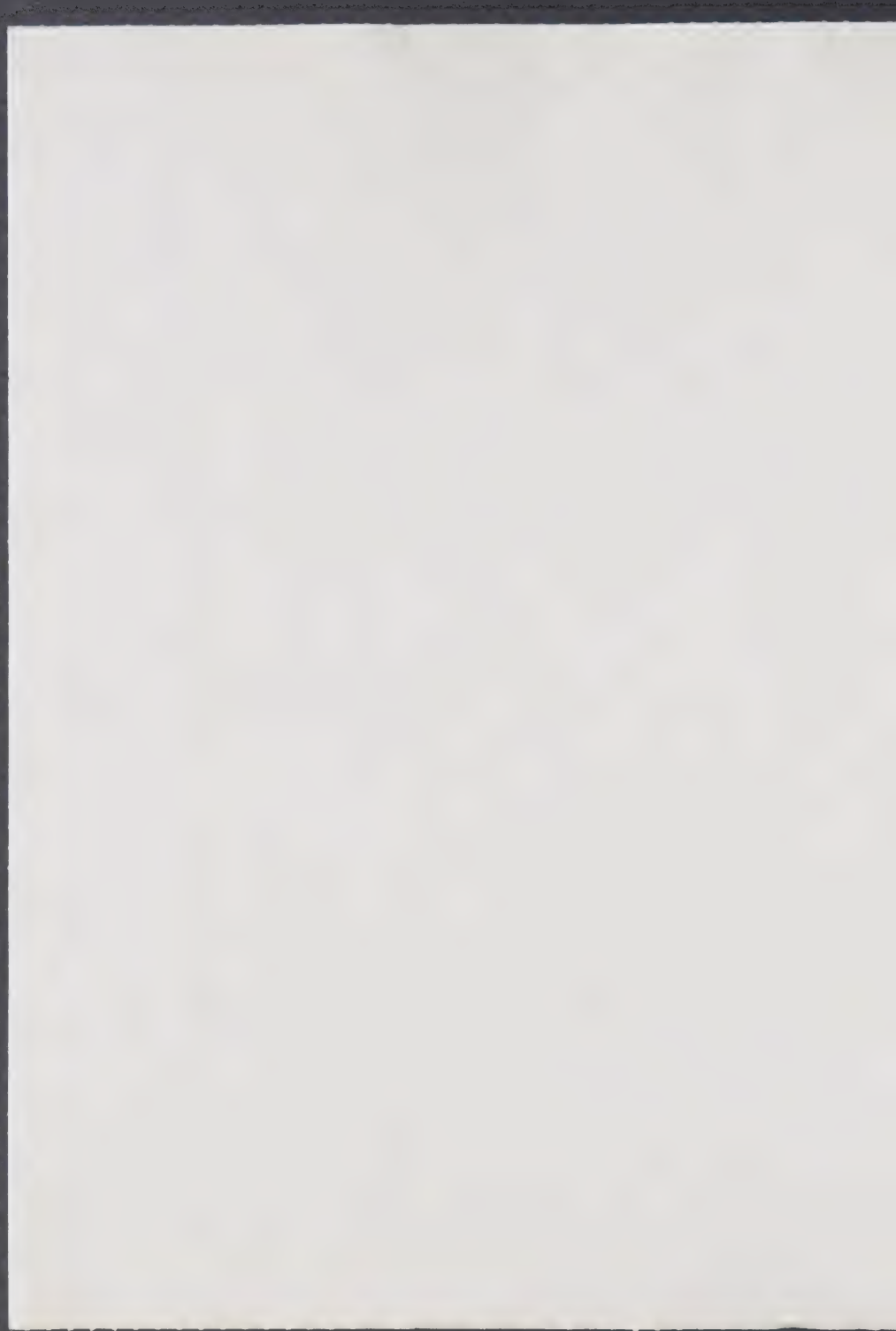
- GC - 5890 ser.II.
- MSD - 5870 model
- computer - 300 ser. with Paskal Chemstation software.  
(HP 59974K #022 Revision 3.2 MS-MSD Operation system)

GC/IRD device:

- GC - 5890 ser.II.
- IRD - 5965B model
- computer - 300 ser. with Paskal Chemstation software.  
(HP 59965B #022 Revision B.00.00 Operation System)



| #   | our # | Structure   | amount | cost (\$) | delivery             |
|-----|-------|---|--------|-----------|----------------------|
| 1.  | 791   |    | 100 g  | 637       | the end of this year |
| 2.  | 789   |    | 100 g  | 599       | the end of this year |
| 3.  | 783   |    | 100 g  | 724       | the end of this year |
| 4.  | 311   |    | 200 g  | 910       | 11.92                |
| 5.  | 282   |    | 100 g  | 710       | 11.92                |
| 6.  | 879   |    | 200 g  | 895       | 1993                 |
| 7.  | 290   |    | 200 g  | 980       | 1993                 |
| 8.  |       |    | 200 g  | 905       | 11.92                |
| 9.  | 432   |   | 200 g  | 960       | 1993                 |
| 10. |       |  | 200 g  | 885       | 1993                 |
| 11. |       |  | 200 g  | 900       | 1993                 |
| 12. | 577   |  | 200 g  | 860       | 11.92                |
| 13. | 120   |  | 200 g  | 690       | 1993                 |





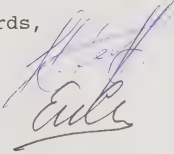
**ABC-Library work**

Together with described 2 parcels with ABC-samples, Dr.J.Andor shipped you the third one (124 new compounds). It's interesting to note, that all of these substances we have bought owing to our advertisement. # 1424-1485 (author - Dr.A.V.Yasvolitsky, Kiev) contain cyclopropane ring or fluorine in their structure. The aim of the author's investigations is creation of the plants growth-regulation compounds. # 1486-1548 gave us Dr.V.A.Tshuiguk. His field of research in Kiev's University 10 years ago was meso-ion compounds chemistry. We hope these chemicals will satisfy the interests of the company's customers.

We have realized yet, that the Dr.Esaulenko's question in his May, 18 1992 letter, concerning the possibility of Z17,000-3 software shipment on floppy disks was senseless, because of a data base great volume of ABC library can go in only on CD-disk.

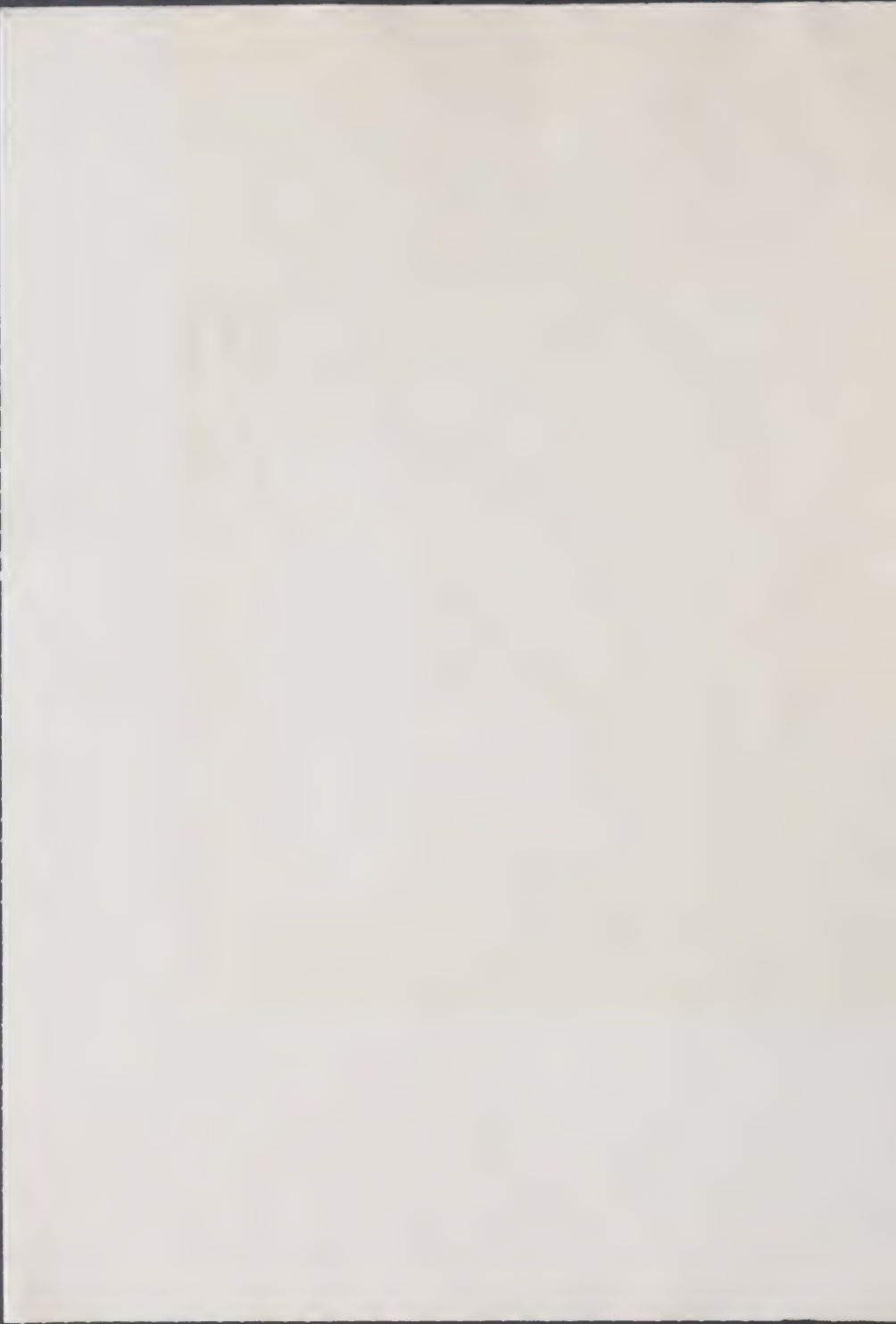
We sincerely appreciate your patience and continued interest to our work. We are look forward to your any advices concerning organization of our business.

With the best regards,



Dr.N.N.Gerasimchuk

Dr.A.N.Esaulenko



Dr. Gerasimchuk  
Kiev's University  
252017, Kiev-17  
UKRAINE



*C. Sp. - fix it*

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The United  
States



Dr. Alfred Bader  
P.O. Box 93225  
Millwaukee, Wisconsin USA 53203

Crimea. Simeiz - Jalta  
August, 18  
(reposted from Kiev and New-York)

Dear Alfred!

I'm and Dr. Esaulenko now in vacation in Crimea (the south part of half island). We are taking a rest here for some weeks. The end of the last year and current year were very tension for us and we are a little-bit tired. Dr. Irene Andorne (wife of Prof. Andor) in Crimea now with us. Unfortunately, Prof. Andor could not visited the Ukraine personally.

The weather is beautiful, but in the same time very hot: +35 - +39°C even in the shadow. The Black Sea is relatively pacific and have +22 - +25°C temperature. So, I do hope that our vacation will succeed and can make us more healthy and strong.

I do hope you have a good rest too.

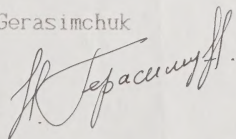
We still plan visiting of your Company in the nearest future. Unfortunately, we have not received yet the official invitation letter from the ALDRICH about this matter. Thus, it means that we not prepare any documents for this trip, and respectively, not able to come in the USA in August or September this year. We shall do all possible efforts for obtaining the visa as soon as the Company's invitation letter will arrive. The entry US visa now can be stamped in our passports in Kiev too, not only in the American Embassy in Moscow. It gives us hope that we will be able to prepare all required documents relatively quick and can order the airplane tickets from Kiev to Chicago.

I'm and Dr. Esaulenko would like to meet with you and Isabel very much!

The best regards to Mrs. Isabel Bader!

Yours truly

Nick Gerasimchuk



THE UNIVERSITY OF CHICAGO  
1904

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