ABRAHAM BROTHMAN, called as a witness, having first been sworn, testified as follows:

BY MR. DONE GAN:

- Q Mr. Brothman, you understand that this is a Grand

 Jury sitting in the Southern District of New York?

 A Yes.
- Q And you have been subpoensed to appear before this Grand Jury? A Yes.
- Q And you are appearing here in pursuance to that subpoena; is that correct? A Yes, sir.
 - Q Have you consulted a lawyer concerning that? A Yes.
 - Q What is the lawyer's name? A Mr. Kiernan.
- Q And his office address? A His office address is 52 Wall. The name of the firm is Cleary, Gottlieb, Friendly & Cox.
- Q And you explained to this attorney that you had received a subpoena to appear before the Grand Jury?

 A That's right.
 - Q And you consulted with him? A Yes.
 - Q And did he advise you to appear? A Yes.
- Q Do you understand that it is your right to refuse to answer any and all questions that might be asked you before this Grand Jury if you believe that such questions might incriminate or degrade you? A Yes.
- Q And you understand that at any time that you feel that you do not wish to answer a question on those grounds, that you can refuse to answer? A Yes.

- Q Did your lawyer explain that to you? A Yes.
- Q And knowing that, you want to appear before this Grand Jury and reply to the questions; is that right? A Yes.
- Q Now, Mr. Brothman, where do you reside? A 4108 42nd Street, Long Island City.
- Q And what is your employment at the present time?

 A I'm self-employed.
- Q And what is the name of your organization? A We are consulting chemists and engineers.
- Q What is the name of the organization? A A. Brothman & Associates.
- Q And what is the address? A 2928 41st Avenue, Long Island City, Chatham Phoenix Building.
- Q And how long have you been operating this firm?

 A Since August 15, 1944.
- Q And what did you do prior to that? A Well, from June of 1942 until August of 1944 I was with the Chemurgy Designing Corporation.
- Q Where is that located? A In the Graybar Building, New York.
- Q What type of work did you do there? A The same thing.
- Q What is that, designing? A Well, we developed of processes and designed plants to carry them out.
 - Q Were they chemical plants? A Chemical.
 - ∀ou are a chemical engineer? A A chemist, yes.

- Q What degress do you hold? A I hold a Bachelor of Science in Chemistry.
- Q And what university did you receive that at?

 A Columbia.
 - Q What year? # 1933.
- Q And what was your education prior to going to Columbia? A DeWitt Clinton High School.
- Q DeWitt Clinton High School in New York City?

 A That's right.
- Q Did you attend any other educational institutions besides DeWitt Clinton and Columbia? "Well, I have taken some additional courses.
- Q At what institutions? A I took additional courses at Columbia.
 - Q At Columbia? A Yes.
- Q What were those courses? A Courses in mathematics courses in and/chemistry.
- Q Did you obtain a classical degree over at Columbia, or did you combine your science degree? A Combined.
- Q Now, prior to being employed by the Chemurgy Corporation, where were you employed? A I worked for -- I had my own concern, Republic Chemical Machinery Company.
- Q And where was that located? A Well, it was originally located at 154 Nassau Street.
- Q And after that where was it located? A And then after that it was located at 114 East 42nd Street, and then

it was located at 30 Church Street.

- Q And how long a period of time was it that you operated that concern? A From 1938 to 1942.
- Q And prior to 1938 what was your employment? A I worked with the Ansbacher Siegle Company.
- Q How long a period of time? A Approximately a year and a half.
- Q What did that organization do? What type of organization was that? A It made pigment matter for paint and cosmetics and lithographic inks.
 - Q Were you employed as a chemist? A Yes.
- Q From the time of leaving, receiving your degree at Columbia, until the date that you were employed by that organization, what was your employment, starting with your graduation from Columbia? A Well, starting with my graduation from Columbia, I did research work of my own in a laboratory that I outfitted for myself.
- Q How long a period of time? A Well, for about three years.
- Q Where were your finances obtained? A From my father.
- Q And did you have any outside business contacts that paid you during that period of time? A There were some people who gave me money for small jobs that I did for them.
- Q And then, after that period of three years, where were you employed? A Ansbocher Siegle.

- Q You are married, Mr. Brothman? A Yes.
- Q And do you have children? A Yes.
- Q How many? A Two.
- Q And what is your wife's name? A Naomi.
- Q Is she employed? A No.
- Q Mr. Brothman, you were interviewed May 29, 1947, by Special Agents of the Federal Bureau of Investigation; is correct that right? A Yes.
- Q And did you furnish those Special Agents Shannon and O'Brien with a signed statement? A Yes.
- Q Now, Mr. Brothman, on what date did you meet an individual named Jacob Golos, do you recall? A I didn't meet him under that name.
- Q Under what name did you meet him? A I think it was -- as I recall it, it was John Garlis or Garlick; something like that.
- Q Can you spell what your understanding of his name was? A I would say it was G-o-l-l-o-c-K.
- Q I show you Grand Jury Exhibit No. 6 and ask you if you can identify this photograph? A Yes, that's the man.
- Q Is that the photograph that was exhibited to you by Special Agents of the Federal Bureau of Investigation? A Yes.
- Q And you identified him as the man that contacted you?

 A That's right.
 - Q And that is Jacob Golos? A Yes.

- Q Now, can you tell the Grand Jury about what date you first met him? "Well, as I have recollected the thing, I believe it was about the early part of 1940, the very early part of 1940.
- Q Would you say it was in the early spring of 1940?

 A Yes.
- Q Was it in the winter or spring? A I would say it was the winter.
- Q Now, would you tell the Grand Jury under what circumstances you met him; how you happened to meet him? I was -- in 1939 Republic Chemical Machinery became associated with the Hendricks Manufacturing Company. The relationship that set up there is that I had two inventions patented, inventions which the Hendricks Manufacturing Company was interested in exploiting, and they entered into an arrangement with me whereby we would do the selection of equipment required by people of standard models of these two inventions and they would attend to the selling of the product. They assigned a man to the sales work who never carried it out efficiently; he had no heart for it. So that I eventually took over the sales work myself. After some considerable effort I got the company to advertise the articles in the trade journals, and we had a regular flow of people who came up to see the model that we had in the laboratory.
 - Q What was that model; what type of a machine was it?

A It was a piece of mixing equipment designed to develop very intimate mixing between liquids and liquids and gases and liquids at a point of extreme turbulence, so as to accomplish an immediate uniform distribution of the added fluid to the circulated fluid at that point.

- Q What type ofmanufacturing would that be applicable to?

 A The whole range of the process industries.
- Q Paints and other -- A Well, it was applicable to the blowing of oils to make linoleum bases. It was applicable to the sulphination of oils to make these hard water soaps. It was applicable to the introduction of reactive gases or gases which were to be scrubbed in liquids. You can't pin it/to a given industry. It covered the whole range of the process industries. It was even used in putting air into hydrogenated oils. When oils are hydrogenated they have yellow materials -- like crystaline Spry -- when they are hydrogenated in both forms they appear yellow green. That's not a very appetizing color.
- Q Well, I think you gave a sufficient explanation to -the Grand Jury can understand what type of manufacture it is.

 Now, would you continue with your account of how you
 happened to come in contact with Golos. A Now, someone
 of -- a whole group of people came up to us, in connection
 with this thing. He came up, and he said that he had been
 connected with the Soviet Trade Commission here in a high
 capacity and that he had also been connected with the

Soviet tourist agency here, and that he knew very high people in the purchasing commission here and would be able to get us orders for this equipment. He asked for drawings of it, and we were in the habit of sending those by mail to whoever asked for it, so I gave him drawings of the equipment we illustrated in trade journals throughout the country. So there was nothing unusual about his request.

- Q What address did he furnish you with? A He furnished me -- he said that he was -- for the moment he had no office, but that he expected to get one, and that he would furnish us with an address as soon as he settled down. He said he had just recently been dismissed by the commission that he worked for.
- Q Did he furnish you with a telephone number? A He furnished us with a telephone number.
- Q What was that telephone number? A That I don't recall. As I recall it, it was something -- it was a Watkins exchange.
- Q Did you make a record of it? A No, I did not. You see, I have been in three businesses since that time, and he is only one of tens of similar types of people who come up to our office. They are a regular scourge in the field, people that think they can get you orders, either think so or they know they can't but nevertheless they would like to sit in between you and a client and more often than not collect from both sides.

BY MR. QUINN:

- Q What commission did he say he was attached to and from which he had been dismissed at the time that you met him? A As I recall, he said he was attached to the government purchasing commission.
- Q Which government? The Russian government purchasing commission.
 - Q And had been dismissed? A Yes.
- Q For cause or -- A I don't recall his elaborating on that.
- Q Well, now, here was a man who came to you and said that he had some influence with the Russian government; is that right? A Yes.
- Q And then told you that he had been recently dismissed from a commission. A Yes.
- Q Does that strike you as unusual? A No. There are any number of people who have come to us who have been in the same capacity.
- Q Well, he was using a sales talk on you, wasn't he?

 I mean, he said, "I have connections with the Russian government in high places," and then, in the next breath, he says,

 "I have just been dismissed from a Russian commission."

 A I didn't at the time take particular note of it.

 BY MR. DONEGAN:
- Q Did you mail him any of your literature or plans?

 A We didn't have any literature at the time. You see, we

were just starting up. We had a one-man office and we were in the very early stages of getting going.

- Q You subsequently mailed some? "I didn't see him for some time afterwards, and then he came up again and he asked whether there had been any new developments and I showed him.
- Q Well, what did you give him on that first occasion when he came? A I gave him pictures of drawings of our gas-liquid mixer and what we called our super-turbine mixer.
- Q And how long after that did he come to your office again? A Oh, it must have been -- I wouldn't know, offhand.

 Maybe about six or eight weeks.
- Q In the interim did he call you up or did you speak to him on the telephone? A I don't think so.
- Q What was the purpose of his giving you his telephone number? A He said that if anything new came up, he would like to be informed of it so that he could transmit it to the people he was in contact with.
- Q Well, did he ask you to mail him any material?

 A No, he did not.
 - Q Did you mail him any material? A No.
- Q Now, how long after that -- you said you had your second meeting with him in about six months? A Six weeks.
- Q Six weeks. What were the circumstances of that meeting? A He came up to the office again and he asked

- if there was anything new.
- On this particular device that you are talking about?

 A That's right.
- Q Was that the only device he seemed to be interested in? A He seemed to be interested in most anything.
- Q Well, what other devices was he interested in that you had there? A Well, we were constantly at work on improvements in the device that we had, we were constantly at work on standardizing it, standardizing the models, and I was concerned with adapting it to new uses, and so forth.
- Q Well, at the second meeting what happened? A Well, he asked whether there had been any new developments, and of course there hadn't been. We had had our hands full attempting to develop sales for what we already had.
- Q Did he furnish you with his address at that time?

 A No.
 - Q Did you give him anything at that time? A No.
- Q And when was your next meeting with him? A Oh, I should imagine a couple of weeks later.
- Q And what were the circumstances of that meeting?

 A He came up and gave me an album of records.
- Q What type of records? A It was the Brahms Violin Concerto.
- Q What was the album worth, about, have you any idea?

 A About four dollars.

BY MR. QUINN:

Q What prompted the giving of that album? A Well, in 1940 I acquired my prize possession, which was a very good phonograph, and I was very thrilled with it and I had told him about my phonograph and -- it seemed to be an unusual courtesy. He came up and brought me an album of records.

BY MR. DONEGAN:

- Q What had you given him previously that would induce him to give you an album of records? A Just these drawings of our equipment.
- Q But you were giving those to other people, you say.

 A Yes.
- Q Wasn't it unusual that a man that you had only seen on two occasions, bringing you an album of records?

 A It was unusual, yes.
- And on that third visit what conversation did you have with Golos? A Well, it was the same thing. He wanted to know what new applications of the thing we had developed and whether we had improved any of the machines. And, as a matter of fact, we had. We had adapted the machines to mass manufacture by that time to cut down the cost. One of the things that was originally against us in our sales work was the fact that too much of this was a hand-made job, and it was necessary to convert to a mass basis in order to develop sales.
 - Q What did he say to you when he gave you this album

of records? A Oh,/merely -- I remember he just smiled and he said, "Well, here is something that you can try on your new machine."

- Q On that third meeting did he give you his address?
- Q Did he furnish you with any information where you could send him any material that would be of interest to him? A No.
- When was your next meeting with him? Well, I should say I saw him in intervals of about six weeks, six to eight weeks, over the first half year. Then I began to work evenings. You see, during the day I would go out and sell our machinery and during the evenings I would do the selecting of the sizes for the individual uses. And then I would send those to the factory for the factory to quote, and I would receive the quotations back about a week later and then I would deliver the quotations. So that I had to work evenings. And then he started to call me up and I remember he called me one time and I told him I had no time to see him, but if he wanted to he could join me for dinner. And thereafter, since he knew I worked evenings, he used to come around about, oh, once a week, every two weeks, for dinner. I would have dinner with him and then go back to work.
- Q And who would pay for the dinners? A Well, I should say it was about even-Stephen.

- Q Up to the time that he was having dinner with you in the evening did he give you anything in addition to the album of records? A No -- I think, a book, once.
- Q Do you remember what type of book it was? A Yes; Perry's Chemical Engineer's Handbook.
- Q What was the value of that, approximately?

 A About six dollars.

BY MR. QUINN:

- Q Did you enjoy your meetings with him? A Yes.
- Q In what way did you enjoy them? A Well, he was a very friendly sort of person. He had -- he seemed to have a nice line of chatter, as one puts it colloquially. He seemed to be informed about a great many things and he would speak about from anything to anything.
 - Q Was he a Russian? A He was Jewish.
 - Q Did he ever talk Communism to you? A No, he did not.
 - Q You are not a member of the Communist Party? A No.
- Q Have you ever been associated with them? A Well, once when I was back at school -- this is back in 1931 -- I joined the Young Communist League, and dropped out of it immediately.
- Q And you have had nothing to do with any Communist organizations since? A No.
- Q Any Communist front organizations? A Well, that would depend on what you call --
 - Q Well, I mean any that you are conscious are Commu-

nist front organizations or have been listed as such.

A Well, I have very little to do politically, because I have worked ever since 1933 from 12 to 18 hours a day.

- Well, I mean, that doesn't answer my question. Are you conscious of having belonged to any organization that has been listed as a Communist front organization?

 A Well, I don't know whether I'm still a member of the Committee of Artists and Scientists, but I joined that at one time.
- Q And has that been listed a Communist front organization? A I don't know. I think it might have been.
- Q Have you been identified in any way with anything having to do with the Communist Party? A No, I have not.
- Q And you would know, if you were identified with it, wouldn't you? A Yes.
- Q Were you identified with any such organization or identified in any way with the Communist Party in 1943?

 A No.
- Q Did you sign a Communist Party nominating petition in that year? A I may have.
- Q Knowing it to be a Communist Party nominating petition? A I don't think I would have if I had known.
- Q You mean you signed it without knowing? A I generally don't stop to argue with people. If people come to me, I sign most anything.
 - Q Well, was there an argument in connection with the

signing of it? "No. But if people come to the door and they ask you to sign something or contribute something and if you say no, then they start to want to talk to you; and I would rather give them the signature or give them a donation and get them away from me.

- Q Well, is it a practice of yours to sign any papers you are asked to sign? A Yes. It has gotten me into a lot of trouble.
 - Q Well, is it a practice of yours? A Yes.
- Q It is. And did you sign a Communist Party nominating petition? A I think I may have.
- Q For what candidate or candidates? " I wouldn't remember.
 - Q For what office? A I wouldn't remember.
- Q Were you ever enrolled in the Communist Party as a political organization? A Just in the Young Communist League.
- Q Well, did you ever enroll in the Communist Party politically, I mean, the same as other people enroll in the Republican and Democratic Party? A You mean at an election booth?
 - Q Yes. A No.

BY MR. DONEGAN:

- Q Did you ever enroll in any other wise except at an election booth? A What is that?
 - Q Did you ever enroll under any other circumstances,

outside of an election booth? A No. BY MR. QUINN'

- Q when did you first meet this Helen? Do you know someone named Helen that you associated with Golos? A Yes.
- Q When did you first meet her? A Oh, I should say about the middle of 1940.
- Q And what was the occasion of your meeting her?

 A He introduced me to her as his secretary.
- And what was the purpose of introducing you to Helen?

 A I don't recall, other than that he said that he wanted

 me to meet her and she was a very intelligent person, and

 that if he got busy that she might come up and see me and

 ask about new developments.
- Q Is that all Golos was interested in, were developments, as far as you were concerned? A Yes.
- Q I show you this photograph, Grand Jury Exhibit 32, and ask you if that is the person to whom you refer as Helen? A Yes.
- Q Did Golos ever suggest to you that you might be a valuable man to secure information for him? A No.
- Q Did the individual whom you have identified as Helen ever make such suggestion to you? A No. I had no access to any information other than our own developments.
- Q Well, I say did they ever make such a statement to you? A No. They seemed to be interested in these mixers and their applications.

- Q Did you tell the Agents that the reason you met Golos at dinner was because you were a very busy man during the day? A That's right.
- Q Did you -- A Oh, did I tell him that? I don't recall.
- Q Did the Agents ask you how it happened that you met Golos in places other than your office? A Yes, they did. And I told them that I was constantly in the habit of meeting people outside the office.
- Q And is that a constant practice of yours? A Yes.

 Last Friday a man by the name of --
- Q No, no, I'm not interested in that. Is that a constant practice of yours? A Yes.

BY MR. DONE GAN:

- Q Mr. Brothman, when the Agents first exhibited the photograph of Golos to you, isn't it a fact that you did not identify it? A That's right.
- And why didn't you identify it? "I explained to them that in the interim and with all of the news that has come up of Russians and Russian spy plots and stuff like that, that I didn't want to be mixed up in anything; that I had worked terribly hard to build this organization that I have now, it's just three years old, and I have worked 12 to 18 hours a day to build it where it is now and it's just about ready to pay off.
 - Q Well, is it true that you suspected Golos of being

- a spy? A After they showed me his picture.
- And is that the first time you suspected him of being a spy? A That's right.
- Then why is it that when the Agents talked to you, that you should deny knowing him, when they showed you his picture, if you didn't suspect him of being a spy prior to that? Isn't that rather illogical? A No. I assumed that persons that the agents were interested in would be up to no good.
- Q Why should you think of him as a spy? A Well, for the -- you read in the newspapers all the time about spies; and I assumed that if the FBI were interested in a man who, as I knew, had asked for material to show to his Russian contacts, that he must have been a spy.

BY MR. QUINN:

- Q Let me get your reasoning, Mr. Brothman, if I can.

 Do you believe that the Federal Bureau of Investigation is
 a good investigating agency? A Yes, sir.
 - Q Do you believe that they do a thorough job? A Yes.
- Q Do you believe that all citizens should cooperate with them to the fullest extent? A Yes.
- And did you believe that at the time the Agents questioned you? A Yes.
- Q And when the Agents asked you if you knew a man named Jacob Golos, and indicated a picture to you, you said you didn't know him; is that right? A No, I didn't

say I didn't know him. I said his face was familiar, I said. And they said, "Do you know him?" And, well, to know people, to me, means a different thing to me; that I know him very well.

- Q Well, you did know him very well, didn't you?

 A Yes, I admit that I attempted to deny it.
 - Q You were evasive. A I was evasive.
- 4 In other words, you were not going to give the Federal Bureau of Investigation any information that you had about the man if they had been satisfied with your A I don't know what I would answer to that question. have done afterwards. This was a very ticklish moment. I'm not in the habit of being visited by the Agents of the FBI. I never had any contacts with them before. I was impressed by one thing: My organization, which has done work for the Chinese government and which took a contract which was tremendously large and successful for the Chinese government, was now in a position to capitalize on what we had developed for the Chinese government, and the only thing that I was struck with was the importance of not losing that opportunity through having to be a witness and wait around courts as a witness and things like that.
- Q Have you had any experience where you were around courts as a witness? A Yes.
 - Q Much experience? No.
 - Q And in order to obviate the necessity of waiting

around the courts as a witness, you were going to deny that you knew this individual? A That's right. But I think I would have later called them and given them the whole facts. I did eventually cooperate with them to the extent of turning the whole office upside down to give them as much information as they wanted.

- Q where is Golos now? A I don't have the vaguest idea.
- Q When was the last time you saw him, what year?

 A Towards the end of 19 -- maybe the beginning of '41.
 - Q You haven't seen him since? A No.
 - Q You haven't inquired about him? A No. You see --
- Q Have you seen Helen since then? A Oh, I saw Helen up until about the spring of 1941.
 - Q '41? A Yes.

BY MR. DONE GAN:

- Q How many times did you see Helen? A I should say it might be a dozen times.
- Q How many times did she come to your office?

 A She didn't come to the office, since I used to have dinner with her.
- Q Did you ever meet her on street corners? A No; I met her in restaurants.
- Q Did you ever meet her on Fifth Avenue, about 33rd
 Street -- 32nd Street, in front of the Mosler Safe Company?

 A I might have.

- Q Did you meet her on a number of occasions in that vicinity? A I think so.
- Q And what was the reason for your meeting her there?

 A Oh, I would bring her drawings of our new applications of our equipment.
- Q And where was your office located at that time?

 A 32nd Street and -- 32nd, between Park and Lex.

 BY MR. QUINN:
- Q You were doing these people a favor, weren't you, Mr. Brothman? A Yes.
- Q Why was it necessary for you to go out of your way to bring drawings to them? Why couldn't they come to your office? A Well, as a matter of fact, I asked many people who were in the habit of coming up there and wasting a lot of my time --
- Q Never mind the "many" people. Suppose you stick to these people. Why did that take place? A Well, simply because I didn't want my day broken up by them. I didn't mind a dinner engagement, because I would go back to work.
- Q What time were these dinner meetings held? A Well, anywheres from six to nine.
- Q Three hours? A Yes -- no, I wouldn't say three hours.
- Q You mean between those three hours? A Yes. BY MR. DONEGAN:
 - Q Could you have mailed these drawings to those people?

A I don't think I have mailed them.

BY MR. QUINN:

You mean you found their conversation so interesting that you wanted to see them? A No. You see, to explain -- since we never had any bulletin material, to explain the usage of the particular piece of equipment required that somebody sit down and write about it. Now, I didn't have the time to sit down and write about it and I had no secretarial service, with the result that I would meet them and tell them about it.

BY MR. DONEGAN:

- Q Did you have that equipment in your shop? A What is that?
- Q Did you have that equipment at your place of business?

 A We just had two experimental models on which we used to try out things.
- Q And how would you explain it when you would meet this woman, Helen, in front of the Mosler Safe Company on Fifth Avenue there? A Well, we didn't stand there. We generally went to dinner.
- $\mathbb Q$ Did you go to dinner every time? $\ ^{\mathrm A}$ I think most every time; in fact, every time that I recall.

BY MR. QUINN:

- Q Who paid for those dinners? A I did.
- Q At all times? A Yes.
- Q In other words, you were doing these people a favor,

by delivering the drawings and also paying for Helen's dinner. A Yes. I didn't feel right having a woman paying for my dinner.

BY MR. DONEGAN:

- Q What was Helen's last name? A I recall it was given to me, but I don't recall it now.
 - Q Where did she reside? A I don't know that now.
- Q What was her place of business? A I didn't know.
 BY MR. QUINN:
- Q Did she ever have occasion to introduce you to anybody? A No.
- Q When was the last time you saw Helen? A I think it was in the summer of '41.
 - Q Was she the secretary for Golos? A She claimed to be.
- Q And there was a time when she stopped coming to see you or you stopped meeting her. A I stopped meeting her.
- Q Was that at her request or was it at your request, or was it mutually agreed? A Well, she told me that she was making arrangements for me to meet a chemist who could work with me when we got one of these projects from the Russian government. I want to explain that we did get inquiries from the Amtorg Trading Commission, and I seem to think that they were traceable to this John's intervention. We quoted him jobs but we never got one. And we have been quoting jobs ever since. We quoted a job as late as September of last year.

Q Was this purely friendship between Golos and you, or was Golos to get a commission on any contract? A Oh, no; Golos wanted a commission.

MR. DONEGAN: What was the amount agreed on the commission?

THE WITNESS: Ten per cent, as I recall it; the standard finder's commission.

- Q Who was the chemist? A fellow by the name of Harry Gold.
- Q When did you meet him first? A I met him in -- oh, in the last part of '41.
- Q After you met him did you meet Helen any more?

 A No, I never saw her again.
- Q So that the only contact now between you and Golos was Harry Gold? A No, I wouldn't say that. Because after the first couple of times that Gold came up he was very suspicious of them and he talked it over with me and he said that he felt that they were phony, that they couldn't deliver on these big promises that Golos had made and that they were wasting our time.
 - Q Is Harry Gold still employed by you? A That's right.

 MR. QUINN: That's about all the questions we have, Mr. Foreman. Do you feel that the Grand Jury would like to ask any questions now, or would they like to have the witness recalled?

JUROR: I would like to ask a question.

BY THE JURY:

- Q How long a period was involved in the entire time that Helen called? A I should say about three-quarters of a year.
- Q And these blue-prints that you gave her were highly technical, weren't they? A Well, that would depend on what you called highly technical. They were designs of our mixers.
- Q Well, they would be technical for me, a layman. They would be very technical. A No, they would not. You see, these are standard equipment which any person who has seen such a thing as a Mix-Master could understand.
- Q Were the descriptions technical? Were they written or oral descriptions? The text, I mean. A There was no text associated with these things. They were just labels of size of mixers, size of shaft on which it ran, the size of the motor.
- Q You were sure that Helen understood what you were telling her? A I think so.
- Q Even without any knowledge as to her training or ability to understand; is that it? A Yes.
- Q Did Helen ever give you any material of any kind?
 A No.
- Q She never gave you any blue-prints of any nature, or any other documents? A No.

BY MR. DONEGAN:

- Q Did Helen ever return any blue-prints to you?

 My personal copies.
- Q And how did she return them to you; bring them to your office? A No. She would generally -- when she met me for dinner she would give them back to me. You see, I kept one set, which is still in the office and which I showed to the FBI men. I kept one set for myself, of all drawings that we made, for my own personal records.

 BY THE JURY:
- Q I would like to ask a question. Were these appointments with Helen at regular intervals, or would she call you and say they wanted to see if there was anything, or would you call and tell her you had something new?

 A No; she would call me whenever she wanted to see me.
- And were there new developments as many as 6 or 8 or 12 times during the course of that time, that necessitated her seeing you? A Why, you see, one time we would sell a mixer that would blow air into linseed oil, let's say, to body it, laminize it as we speak of it, oxidize it and body it, so that one would prepare a lincleum base. The next time the mixer might be used to whip air into shortenings. The next time the mixer would be used to introduce hydrogen into --
- Well, were those changes of such importance as to warrant her seeing you and getting an explanation each time, as often as that? A Yes, they were. You see, I

felt that my chances of getting a job depended on the diversity of uses of the thing. The more diverse the uses were, the better was the chance that one of these things would click and they would want it.

BY MR. DONEGAN:

- Q You saw her about every two weeks? A Yes.
- Q And there were changes every two weeks? "Yes.

 You see, they would design as many as three to five mixers a week and we hardly ever duplicated -- we hardly ever duplicated an application of it.
- Q And during that period of time you were also contacting the Amtorg Corporation? A No, I did not. I contacted them some time afterwards.
- Q Did you send them any blue-prints during that period of time? A I sent them blue-prints and printed literature towards the end of '41. We got -- we made enough money to be able to get up a bulletin. I must point out here that everything that she ever got from me appeared at one time or another in the literature -- appeared at some time subsequent in the literature in the field. I have published, I should say, in the nature of about 20 to 24 articles in the field and I have had at all times disclosed new uses of my equipment, new processes that we have had developed.
- Q Mr. Brothman, you were never in contact with Amtorg or any of the other Soviet representatives prior to the

time you discontinued your contact with Helen and Golos?

A No, we were not.

- Q Never -- at any time you never submitted -- A Oh, yes, I had been up there. I was up there in 1938 and the early part of 1939, attempting to interest them in the use of our mixer. However, I never got farther than the reception desk downstairs, because all they could ever -- all they ever said was, "Leave your literature."
 - Q Did you leave the literature? A I had no literature to leave there.
 - Q Well, did you send them any literature? You said it was a common practice to furnish them with prints and descriptions.

(Continued by LB)

- Q Well, did you send them any literature? You said it was a common practice tofurnish them with prints and descriptions. A Well, I sent them some, you see, the new equipment, in other words, of chemical --
- Q Did you send them any of this material that you were giving to Golos and Helen? A $N_{\rm O}$, not after I met them.
- Q Didn't it occur to you that you might also send it to the official purchasing agent of the Russian Government?

 Other firms then were doing it. A I felt if their contacts were what they claimed, I thought it was the best agency.

 I received a --
- Q Other firms that were in the same type of business you were in were furnishing any prospectuses or plans to the Soviet Purchasing Commission or the Amtorg, wasn't that the accepted practice? A If they were big enough. There are about a half dozen firms that the Amtorg will see at any time, and then there are very small people they wouldn't see at any time.
- Q Didn't you ever question Helen or Golos as to what their contact was with the Russian Government? A They said with members of the purchasing commission.
- Q Didn't it occur to you it was peculiar that you did not know their office address? Are you in the habit of dealing with business people that way? A That's right.
- Q Without knowing where their business is located?

 A That's right.

- Q And without knowing how to get in touch with them except by telephone number? A That's happened frequently.
- Q How many people did you do pusiness with on that basis? A I'd say at least three or four.
- Q Can you give us their names? A I can recall the circumstances --
- Q Give us the names now, if you can recall. A I can't recall names, but things that will develop it.
- Q Can you identify the people you were doing business with? A Yes; one man was an ex-president of Grinnell Piping.
- Q Do you know his name? A I don't recall it at the moment.
- Q Do you recall the names of any of the other people?
 You said there were three or four. A Yes; there was a
 man whose name was Meyer.
- Q Where is he located? A I didn't know where he was located. He came down to our office. He was from Paraguay; his brother was Chief of Staff of the Paraguayan Army.
 - Q Dig he have an office address in New York? A No, he did not.
- Q Or in Paraguay? A No; he was not yet set up in business. He came herefor the purpose of getting a portable plant to extract heros, the essences from herbs and grasses.
- Q Do you recall anybody else in New York City or in the United States by name or by/location of their firm that

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you did not know where they were located? A Well, scmething which occurred last week. A man by the name of Kaplan called me, asked me -- two weeks ago -- asked me to go down and see a plant in Pinewald, N. J.

- Q Where is he located? A I don't know.
- Q Don't know where to locate him? A No.
- Q How do you know where to report back to him?

 A Well, he went down with me to New Jersey. I met him and we went down together to Pinewald, N. J.
- Q You wouldn't know where to locate him now? A Since the visit I have had the opportunity, yes.
 - Q You have only met him two weeks ago? A Yes.
- Q You haven't been dealing with him over a period of a year or two? A That's right.
- Q Have you had any other business experiences wherein you met the secretary of some organization you were dealing with on a street corner, or gave them plans, or you met them in restaurants? Have you had other experiences like that?

 A I think I must have, but I do not recall at the moment.
- Q Can you give me any instances of them? A Yes. Mr. Herbert Simons sent down his secretary very early --
- Q Where is Mr. Herbert Simons located, do you know his address? A Somewhere on Fifth Avenue. It is very easy to locate him. It is in the book.
 - Q You know how to locate him? A Yes.
 - Q In other words, you knew where his business place was

located? A Well, yes, yes.

- Q You did not know where Golos' business place was located? A No.
- Q is that the only instance, of Golos and Helen, that you ever had in your business career wherein you did not know where the business was located, still over a period of time, every two weeks, you would meet one or the other and give them plans? A No, there was no such occasion.
- Q Can you give me some other names? A I do not recall at the moment.

BY MR. QUINN:

- Q Did the Agents of the FBI ask you pretty much the same type of questions that have been asked this morning and regarding the same subject matter? A Not exactly, no.
 - Q What? A Not exactly, no.
- Q You mean they talked about other matters? A Well, I showed them other matters which bore on this.
- Q Did they ask you about anyting other than what bore on this? A Yes. They asked me whether it had been natural for me to deal with people about whom I did not know a great deal.
- Q Did they ever ask -- did they ask you any questions about Palestine? A No.
- Q Did you tell somebody that the Agents had interviewed you about Palestine? A Yes.
 - Q And that was an error? A Yes, that's right.

- Q Why did you tell somebody that the Agents had visited you about Palestine? A It was for this purpose: About a year ago I took in some jobs for an individual in Palestine.

 I permitted him, despite the fact that I had/knowledge on him more than a telephone number excuse me, there is a case. I had no knowledge of him other than the telephone number. I permitted him to use my stationery, to send out as much as \$20,000 worth of orders for which I would have been liable had he not paid for them. I permitted him to send out orders, the orders went out to Worthington Pump & Machinery, to the Durichlor Corporation —
- Q Never mind all of those names. Jet give me what prompted your saying to somebody who questioned you about Palestine? A That took as much as four to five months of my time, and then I proceeded to have more of it in connection with these orders, there are a lot of detail in expediting and so forth. We still have an unpaid residuum on that thing.
- Q Please, I want to know what prompted you to tell somebody the Agents questioned you about P_a lestine. A I am giving you the basis of it.
- Q Did the Agents question you about Palestine? A They did not.
- Q What prompted you to tell somebody that the Agents had?

 A I wanted them to get their work out of the place and I

Brotiman

thought if I told them something like that, they would get it out of the place. I did not want it there any longer.

Q You told some bdy who was working in your place on behalf of Palestine? A What is that?

Q You told somebody who was working in your place on behalf of Palestine, is that it? A No, I did not say that.

Q That the Agents had questioned you about Palestine? A N_0 , I did not say that.

Q Give it to me again, I didn't get it. A I told the man who comes down to see me about these orders, I thought it was a business strategem -- it was a very foolish one, I them admit, a very foolish business strategem, I wanted/to get their orders out of the place, so I told them that the FBI had been up to see me in connection with their orders. It was a lie. Itwas a business strategem. It was a very foolish thing to do.

Q Were they from Palestine? A Yes. May I go on to explain?

Q It wasn't true? A It wasn't true, but I would like to explain it.

Q I don't think we need any further explanation.

JUROR: You have explained it.

Q I attach no significance to it, but that's a lie, that the Agents questioned you about Palestine, isn't it? A Yes.

Q That's all I am interested in.

BY JURORS:

- Q Mr. Brothman, when Helen returned this matger back to you, did she ask you to show it also to somebody else at any time? A No.
- Q These machines, did you describe them as masticating and mixing and extracting machines? A No; I described them purely as mixing equipment.
- Q You said something about extracting machines too?

 A They could be used for extracting impurities from gases passed through liquids. There's an operation known as scribbing.
- Q They could also be used for the manufacture of munitions or anything connected with that? A No.
 - Q Was that ever discussed? A No.
- Q What would the Russian Government want them for?

 A They are building all kinds of industry and this was a very efficient job for carrying out certain types of mixing operations. We cut some mixing operations down to one-fourth the time originally required.
- Q Did you say over a long period you have been sending them written quotations? A Yes.
 - Q Who was thay, Amtorg? A Yes.
- Q Were they written in English/or a foreign language?

 A No, written in standard English, in regular form. I still have a copy of one of them.
 - Q Whar you wrote couldn't by any chance be code? A No,

absolutely not.

G How did you happen to employ Gold? A Gold had been working for the Penn. Sugar Company, and he had beenworking under a man whose name was Rich, Dr. Rich. In 1946, the end of 1945, the Penn, Sugar Company sold their holdings to the National Sugar Refining. The National Sugar Refining took over and eliminated Dr. Rich from technical management of their projects. When Dr. Rich went; the only tie that Gold had to the place was gone. I needed a chemist at that Gold had been doing work for me in the Penn Sugar Laboratories. Gold would carry out experimental work for me, that I couldn't carry out in my own laboratory, because they had much better equipment there. He did it on his own When he could no longer work there because Dr. Rich had left and they were changing their entire technical and executive personnel in the place, I offered him a job in my place because I thought he was a very good man, and he has worked out to be such.

- Q When were you employed in the Penn Sugar laboratory?

 A I didn't say I was employed. I said Gold was employed.

 QYou said you were carrying out some work there? A He

 did extracurricular work for me at the Penn Sugar laboratory.
- Q In other words, Gold was working for you in the Penn Sugar laboratories? A He was working for the Penn Sugar Co. but on his own time, using their laboratory facilities, he did work for me.

a But your original contact with Gold was through Golos and Helen? A That's how I originally met him. From then on he served me to do special experimental work. I should like to make a few more remarks that I think are pertinent to thething. When the Agents were up in the place I pointed out to them that in the early part of this year I sent to a man by the name of -- who said his name was Dr. Jacob Pon --I sent him a document covering a half dozen processes developed by us at tremendous cost in money and labor. The se processes were not covered by patent. I wrote him a letter which the Agents saw which said that, "You know, or course. that these processes are not patented. You know that we have demonstrated these processes to you in the laboratory. This is a mark of confidence." He also asked us for the right to negotiate on our behalf in England to license these processes in England. I showed the Agents that as a result of this very clear transaction where the man was an Englishman whom I couldn't trace by any other means -- as a matter of fact he was not an Englishman; he had originally been a Russian -and then he had gone to work in Germany, and from Germany he went to Belgium, and from Belgium he retreated with the Belgian Army, this was his story, into France and eventually left on a boat to England -- this man came to me and just telling me that story I demonstrated every one of our processes out there at a considerable cost to us over a period of two weeks. He went back to England, and in Mav

of 1947, this year, I obtained a contract from him with Electrical & General Industrial Trusts of London, England, with Mr. Howard of that concern, signing for the Electrical & General Industrial Trust, and that agreement involves a down payment to us for these processes of \$100,000, a royalty of $3\frac{1}{2}$ per cent on the net sales for 20 years from date.

Dr. Pon has recently been in this country again, and I have given him the right to negotiate on behalf of some of our other processes. I'd like to point out another instance that I showed —

MR. QUINN: I do not think that is necessary. I think we have enough.

(WITNESS EXCUSED)