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PRESIDENT'S COMMISSION  
ON THE  
ASSASSINATION OF PRESIDENT KENNEDY

200 Maryland Ave. N.E.  
Washington, D.C. 20002  
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JOHN J. McCLOY  
ALLEN W. DULLES

June 8, 1964

Mr. James C. Cadigan  
Federal Bureau of Investigation  
Washington, D. C.

Dear Mr. Cadigan:

I enclose the transcript of your deposition of April 20, 1964 which I have edited. Could you please review the transcript to insure that it is accurate, and if you find it so, please sign the transcript on the last page.

During the deposition you agreed to carry out certain investigations as discussed on pages 39 and 47. Could you please make these investigations as soon as possible.

I would appreciate it if you could return the transcript by the end of the week.

Sincerely,

*Melvin A. Eisenberg*  
Melvin A. Eisenberg

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M/R

# PRESIDENT'S COMMISSION

ON THE

# ASSASSINATION OF PRESIDENT KENNEDY

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DEPOSITION OF JAMES C. CADIGAN  
Report of Proceedings

Held at

Washington, D. C.

Thursday, April 30, 1964

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(Stenotype Tape, Master Sheets, Carbon and Waste  
turned over to Commission for destruction.)

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President's Commission  
on the  
Assassination of President Kennedy

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RECOMMENDATION:

JAMES C. CADANGAN

DATE:

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REMARKS:

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( ) PRESIDENT'S COMMISSION ( )

ON THE

ASSASSINATION OF PRESIDENT KENNEDY

- - -

Washington, D. C.

Thursday, April 30, 1964

DEPOSITION OF JAMES C. CADIGAN, taken, pursuant to notice,  
in Room 507, 200 Maryland Avenue, Northeast, Washington, D. C.,  
commencing at 3:45 p.m.

PRESENT:

*Acron*  
Melvin Eisenberg, *Assistant Counsel*  
~~Staff Member~~

Also present:

Robert G. Cantor, Notary Public in and for the  
District of Columbia, care of Ward & Paul,  
917 G Street, N.W., Washington, D. C.

- - -

Mr. Cantor. Do you swear the testimony you are about to give will be the truth, the whole truth, and nothing but the truth, so help you God?

Mr. Cadigan. I do.

## TESTIMONY OF JAMES C. CADIGAN

Mr. Eisenberg. Mr. Cadigan, the purpose for which we are here is to go into the facts of the assassination of President Kennedy, and in particular we have asked you to testify concerning analysis of questioned documents.

Mr. Cadigan, could you state your full name and your position?

Mr. Cadigan. James C. Cadigan, I am a Special Agent of the F.B.I., assigned as an examiner of questioned documents in the F.B.I. Laboratory in Washington, D. C.

Mr. Eisenberg. And how long have you been in this field, Mr. Cadigan?

Mr. Cadigan. Twenty-three and <sup>one</sup>/<sub>4</sub>-half years.

Mr. Eisenberg. What was your training in this field?

Mr. Cadigan. Upon being assigned to the laboratory I was given a specialized course of training and instruction which consisted of attending various lectures and conferences on the subject, reading books, and working under the direction of experienced examiners.

Upon attaining a <sup>PRO</sup> degree of proficiency, I was assigned cases on my own responsibility, and since that time I



have examined many thousands of cases involving handwriting, handprinting, typewriting, forgeries, erasures, alterations, mechanical devices of all types, pens, paper, and ink. I conduct research on various problems as they arise and assist in the training of our new examiners.

Mr. Eisenberg. Have you testified in Federal or other courts, Mr. Cadigan?

Mr. Cadigan. Yes, in many Federal and State courts, and military courts martial.

Mr. Eisenberg. Mr. Cadigan, I now hand you Commission Exhibit 773 and I ask you whether you have examined that item.

Mr. Cadigan. Yes, I have.

Mr. Eisenberg. For the record, that consists of an application to purchase a rifle, addressed to Kleins Sporting Goods in Chicago.

Mr. Cadigan, I now hand you an item consisting of a roll of microfilm labeled D-77 and ask you whether you are familiar with that roll of microfilm?

Mr. Cadigan. Yes, I am.

Mr. Eisenberg. That microfilm will be marked Cadigan Exhibit No. 1.

(The article referred to was marked Cadigan Exhibit 1.)

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Mr. Eisenberg. Mr. Cadigan, was Exhibit 773 developed from a negative contained in Cadigan Exhibit 1?

Mr. Cadigan. Yes, it was printed from that roll.

Mr. Eisenberg. I now hand you Commission Exhibit No. 780, consisting of the Marine Corps file of Lee Harvey Oswald; Commission Exhibit No. 778, consisting of two letters extracted from Oswald's State Department file; Commission Exhibit 781, consisting of a passport application by Lee Harvey Oswald, dated June 25, 1963, at least, ~~and~~ passport issued June 25, 1963; and Cadigan Exhibit 2, consisting of a letter from Lee Harvey Oswald to John B. Connally, then Secretary of the Navy.

(The document referred to was marked Cadigan Exhibit 2.)

~~For identification~~

Mr. Cadigan. This is in two parts.

Mr. Eisenberg. In two parts, and the second part consists of a letter from Lee Harvey Oswald to a Brigadier General R. ~~McC~~ Tompkins, dated 7 March 1962; and a group of documents, comprising photographs of the balance of Lee Harvey Oswald's State Department file, labeled Cadigan Exhibit No. 3.

(The documents referred to were marked Cadigan Exhibit 3.)

~~For identification~~

Mr. Eisenberg. I ask you whether you have examined these various items.

Mr. Cadigan. Yes, I have.

Mr. Eisenberg. Mr. Cadigan, can you explain the meaning of the term "standard" or "known documents" as used in the field of questioned-document examination?

Mr. Cadigan. Yes. Known standards are samples of writings of an individual which are known to be his writing and which are available for comparison with questioned or suspect writings.

Mr. Eisenberg. You have examined certain questioned writings allegedly prepared by Lee Harvey Oswald, have you, Mr. Cadigan?

Mr. Cadigan. Yes.

Mr. Eisenberg. In your examination, what documents did you use as known documents?

Mr. Cadigan. Cadigan Exhibit 2, Commission Exhibit 781, Commission Exhibit 778, ~~and~~ Cadigan Exhibit No. 3, and Commission Exhibit 780.

Mr. Eisenberg. For the record, during the balance of the examination I will refer to these documents collectively as the known or standard writings.

Mr. Cadigan, a portion of the known documents and a portion of the questioned documents are photographs rather than originals, is that correct?

Mr. Cadigan. Yes.

Mr. Eisenberg. Are you able to identify the handwriting of an individual on the basis of a photograph of that handwriting?

Mr. Cadigan. Yes.

Mr. Eisenberg. Would you make an identification, such an identification, if your only questioned document was a <sup>(photograph)</sup> ~~document~~?

if the photograph was sufficiently clear?

Mr. Cadigan. If the photograph is sufficiently clear, it is adequate for the handwriting comparison.

Mr. Eisenberg. Similarly with standards, if your only standard was a photograph or your only standards were photographs?

Mr. Cadigan. If your standards were also photographs, it is possible to make the comparison and arrive at a *definite* ~~positive~~ opinion.

Mr. Eisenberg. And were the photographs in this case, both the standard and the questioned documents, clear enough to form the basis of an opinion?

Mr. Cadigan. Yes.

I might point out that some of the known standards are original documents and not photographs.

Mr. Eisenberg. Yes, I am aware of that, but I wanted to set out on the record whether the standards which are photographs are adequate.

Mr. Cadigan. They are adequate.

Mr. Eisenberg. [To serve as standards.

Mr. Cadigan. Yes.

Mr. Eisenberg. Returning to Commission Exhibit 773, did you compare the handwriting on that exhibit with the writing in the known standards to see if they were written by the same person?

Mr. Cadigan. Yes, I did.

Mr. Eisenberg. And what was your conclusion?

Mr. Cadigan. That the writer of the known standards, Lee Harvey Oswald, prepared the handwriting and handprinting on Commission Exhibit 773.

Mr. Eisenberg. Have you prepared photographs <sup>of</sup> charts which you could use to demonstrate the reason for that, Mr. Cadigan?

Mr. Cadigan. Yes.

Mr. Eisenberg. Will you produce them?

You are handing <sup>me</sup> an enlarged photograph of Commission Exhibit 773, is that correct?

Mr. Cadigan. Yes.

Mr. Eisenberg. This was prepared by you or under your supervision?

Mr. Cadigan. Yes.

Mr. Eisenberg. And constitutes an accurate photograph of 773?

Mr. Cadigan. Yes.

Mr. Eisenberg. That will be Cadigan Exhibit No. 3A. *(The document referred to was marked* And have you prepared photographs of the standards,

Mr. Cadigan?

Mr. Cadigan. Yes, I have.

Mr. Eisenberg. The first photograph is an enlargement of the letter to Brigadier General R. ~~McC.~~ <sup>McC.</sup> Tompkins? Is that correct?

*(Cadigan exhibit No. 3A.)*

Mr. Cadigan. Yes.

Mr. Eisenberg. That will be Cadigan Exhibit No. 4.

(The document referred to was marked Cadigan Exhibit 4.)

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Mr. Eisenberg. And the second photograph is an enlargement of a letter from the State Department file, is that correct?

Mr. Cadigan. Enlargement of a letter in the State Department file.

Mr. Eisenberg. In the State Department file?

Mr. Cadigan. Yes.

Mr. Eisenberg. That will be Cadigan Exhibit No. 5.

(The document referred to was marked Cadigan Exhibit 5.)

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Mr. Eisenberg. The third is an enlargement of a second letter in the State Department file, the first letter having been dated "Received November 1, 1962," and this letter dated "December 7, 1962, Received December 11, 1962," is that correct?

Mr. Cadigan. Yes.

Mr. Eisenberg. That will be Cadigan Exhibit No. 6.

(The document referred to was marked Cadigan Exhibit 6.)

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(Discussion off the record.)

Mr. Eisenberg. Next is a letter to the State Department without an apparent date, beginning, "Dear Sirs: Please forward

receipts to me for final payment of my loan" and so forth, is that correct?

Mr. Cadigan. Yes.

Mr. Eisenberg. <sup>That</sup> Cadigan Exhibit No. 7.

(The document referred to was marked Cadigan Exhibit 7.)

~~For identification.~~

Mr. Eisenberg. Next is another letter from the State Department, again without an apparent date, <sup>reading</sup> "Dear Sirs, please add <sup>\$10.00</sup> this ~~to~~ to my account No. ~~24211~~ <sup>24211</sup> ~~each~~ <sup>each</sup> October 8." Is that also from the State Department file, Mr. Cadigan?

Mr. Cadigan. Yes.

Mr. Eisenberg. That will be Cadigan Exhibit No. 8.

(The document referred to was marked Cadigan Exhibit 8.)

~~For identification.~~

Mr. Eisenberg. Next is the letter to then Secretary of the Navy John E. Connally, is that correct?

Mr. Cadigan. Yes.

Mr. Eisenberg. That will be Cadigan Exhibit No. 9.

(The document referred to was marked Cadigan Exhibit 9.)

~~For identification.~~

Mr. Eisenberg. That is in two parts, is that correct?

Mr. Cadigan. Yes, it is two pages.

Mr. Eisenberg. Next is a photograph of the passport application referred to earlier?

Mr. Cadigan. Yes.

Mr. Eisenberg. That will be Cadigan Exhibit No. 10.

(The document referred to was marked Cadigan Exhibit 10.)  
~~for identification.~~

Mr. Eisenberg. And, finally, a photograph of the reverse side of that?

Mr. Cadigan. Yes.

Mr. Eisenberg. Which will also be Cadigan Exhibit 10.

Now, in each case, Mr. Cadigan, were these photographs prepared by you or under your supervision?

Mr. Cadigan. They were.

Mr. Eisenberg. And are they accurate photographs of the items described as being the subject of the photographs?

Mr. Cadigan. They are.

Mr. Eisenberg. Now, Mr. Cadigan, with reference to your enlargement, Cadigan Exhibit No. 3, and your photographs of standards, Cadigan Exhibit 4 through 10, could you state some of the reasons which ~~led~~<sup>led</sup> you to the conclusion that Commission Exhibit No. 778, of which Cadigan Exhibit No. 3 is an enlargement, is in the writing of Lee Harvey Oswald, the author of the known documents?

Mr. Cadigan. Yes. On Commission Exhibit --

Mr. Eisenberg. You can refer to your photographs.

Mr. Cadigan. The enlarged photograph, Cadigan Exhibit 3, contains both handwriting and handprinting which was compared with the known standards, Cadigan Exhibits 4 through 10.



I compared both the handwriting and the ink printing to determine whether or not the same combination of individual handwriting characteristics was present in both the questioned and the known standards. I found many characteristics, some of which I would point out.

On the order blank, in the "A. Midell" and in the wording "Dallas, Texas" which constitutes a part of the return address, the letter "A" in Cadigan Exhibit 3 is made in the same manner as the capital letter "A" on Cadigan Exhibit 10. The letter is formed with a short straight stroke beginning about halfway up the left side. The top of it is peaked or pointed. The right side is straight, and is shorter than the initial stroke.

The capital letter "D" in Dallas is characterized by a staff or downstroke slanting at about a 30 degree angle. The lower loop in some instances is closed. In the word "Dallas" the loop is closed, and the body of the letter ends in a rounded loop formation.


The same characteristic I found in Cadigan Exhibit No. 4, No. 5, and No. 6 as well as other exhibits.

The word "Texas" on Cadigan Exhibit 3 is characterized with the letter "x" made in an unusual manner in that the writer, after completing the body of the letter, makes an abrupt change of motion to the following letter "a". This same characteristic I observed in the known standard on Cadigan Exhibit 6, 9, and 4.

In the address portion of the envelope, Cadigan Exhibit 3,

appears the word "Dept." I noticed here, again, the same formation of the capital "D". In addition, the entire word "Dept" appears in the known standards on Cadigan Exhibit 5, 6, and 7. The characteristics I would point out here are in the letter "p" in Cadigan Exhibit 3, where the letter is made with a relatively long narrow staff, and the body of the letter in a rounded shape which projects above the staff.

The letter "t" ends abruptly in a downstroke. In the hand-printing appearing in the exhibit marked Cadigan Exhibit 3, the wording "Dallas, Texas" contains a number of the same characteristics as Cadigan Exhibit 5, where the same wording appears, and on Cadigan Exhibit 7 and 8.

The writer uses a script type , and prints the other letters in the word "Dallas".

The "A" again is made in a similar way to the "A" in "Kiddell" with a beginning of the downstroke approximately three-quarters of the way up the left side of the stroke. The letter is relatively narrow, and the right-hand side of the letter is straight. In the combinations "L" there is a curve in the lower portion of the letter. The "S" has a flat top, slanting at approximately a 30 degree angle. In the word "Texas" in Cadigan Exhibit 3 the writer has used a small "e" following the letter "x". The same characteristics will be noted on Cadigan Exhibits 5, 7, and 8.

Additionally, I noted that in addition to the shape of the

letters themselves, the relative heights of the letters, the spacing between the letters, the slant of the letters in both the known and questioned standards are the same.

On Cadigan Exhibit 3, in the portion for address, appears the notation "P.O. Box 2913", and this same wording appears on Cadigan Exhibit No. 5, and on No. 7 and No. 8 except for the "P.O." portion.

Here, again, I observed the same formation of the individual letters; the spacing, the style, the slant of the writings in both questioned and known were observed to be the same.

The tail of the "5" is made with a relatively long stroke and the same characteristic appears in the known standards.

In the hand printed name "A. Hidell," on Cadigan Exhibit 3, another characteristic I noted was the very small-sized "i" in the name "Hidell". The writer makes this letter very short in contrast to the other letters in the name.

This same characteristic I observed on Cadigan Exhibit No. 10, the passport application. *with reference to*

The "i" dot on Cadigan Exhibit 3 in the name "Hidell," in the return portion, the dot is relatively high and between the body of the letter and the following letter "d". In the portion of the word "Chicago" -- of the name "Chicago" in the address portion on Cadigan Exhibit 3, the "i" dot is between the "c" and the "g" in "Chicago" well above the line of writing.

On Cadigan Exhibit 4 I observed the same displacement of the "i" dot.

In some instances, it is slightly to the right of the body of the letter, as in the word "citizenship" in the 6th line from the bottom, whereas in the word "direct" in the ninth line from the bottom the "i" dot is displaced <sup>one</sup> and a half letter to the right.

Based upon the combination of these individual characteristics, ~~and~~ <sup>which</sup> I have pointed out as well as others, I reached the opinion that the handwriting and handprinting on Cadigan Exhibit No. 3 <sup>were</sup> written by Lee Harvey Oswald, the writer of the known standards, Cadigan Exhibits 4 through 10.

Mr. Eisenberg. Now, Mr. Cadigan, the photographs which comprise Cadigan Exhibits 4 through 10 are actually somewhat more limited than the standards, in that they represent in some cases excerpts from the standards, is that correct? <sup>Such</sup> as ~~excerpts~~ <sup>excerpts</sup> from the Marine Corps file?

Mr. Cadigan. That is correct.

Mr. Eisenberg. Now, when you refer to the standards, Cadigan Exhibits 4 through 10, do you mean by that that you based your conclusion only on the samples shown in Exhibits 4 through 10?

Mr. Cadigan. No. The original Cadigan Exhibits 4 through 10, were merely prepared for some official purposes. The original examination and comparison was made using all of the

writings, the handwriting and handprint in the State Department file, the Marine Corps file, the passport application and the two letters, one to Governor Connally and one to Brigadier General Tompkins.

Mr. Eisenberg. That is, the documents which you identified very closely <sup>to</sup> the beginning of the deposition, and which I referred to collectively as the standards?

Mr. Cadigan. Yes.

Mr. Eisenberg. Mr. Cadigan, I now hand you Commission Exhibit No. 788, and ask you if you have examined that exhibit. *ck*

Mr. Cadigan. Yes, I have.

Mr. Eisenberg. For the record, that is the money order which was included with the purchase order to Kleins.

Have you prepared a photograph of that exhibit, Mr. Cadigan?

Mr. Cadigan. I have.

Mr. Eisenberg. That will be Cadigan Exhibit No. 11.

(The document referred to was marked Cadigan Exhibit 11.)

~~For information only.~~

Mr. Eisenberg. And this was taken by you or under your supervision?

Mr. Cadigan. Yes.

Mr. Eisenberg. And (is it) an accurate photograph of the money order, 788?

Mr. Cadigan. It is.

Mr. Eisenberg. Did you compare Exhibit 788 with the standards

to determine whether 783 had been written by Lee Harvey Oswald?

Mr. Cadigan. Yes.

Mr. Eisenberg. What was your conclusion?

Mr. Cadigan. That the postal money order, Cadigan Exhibit 11, had been prepared by Lee Harvey Oswald.

Mr. Eisenberg. The postal money order is Commission Exhibit 783 and your picture is Cadigan Exhibit 11, is that correct?

Mr. Cadigan. That is correct.

Mr. Eisenberg. Could you explain some of the points of identity which led you to the conclusion that you formed?

Mr. Cadigan. Yes. I think that using the wording "Dallas, Texas" appearing on Commission Exhibit 839 as an example of some of the handwriting characteristics present on this exhibit --

Mr. Eisenberg. You mean Cadigan Exhibit 11?

Mr. Cadigan. Yes.

In the wording "Dallas, Texas" the writing is quite characteristic. I noted, <sup>and</sup> the over-all size, spacing, slant, <sup>and</sup> relative proportions of letters on Cadigan Exhibit 11 ~~were~~ the same as on Cadigan Exhibit 5, and that the letter "D" <sup>was</sup> ~~was~~ characterized on Cadigan Exhibit 11 with a relatively short staff, with a ~~short~~ <sup>short</sup> staff on the left side of the staff, the body of the letter ~~was~~ <sup>was</sup> a large curling stroke. The small letter "a" is ~~is~~ <sup>is</sup> somewhat flat.

There is a rather long smooth connecting stroke between the

"a" and the dot of the letter "t". The "t" is almost triangular in shape, and has no ending stroke or tail to the right.

Further, on Cadigan Exhibit 11, in the word "Texas" I noted again the rather unusual shape of the small letter "r" in that it appears almost as though it were a letter "u".

The capital letter "T" in "Texas" has a very long curved beginning stroke and a small eyelet or loop in the lower portion of the letter. I noted these same characteristics on Cadigan Exhibit 6 in the wording "Dallas, Texas," and certain of the letters on Cadigan Exhibit 7, 8, and the entire word "Texas" in Cadigan Exhibit 4.

I noted also, again, that the small letter "p" in the word "sporting" on Cadigan Exhibit 11 was made the same as the "p's" in the known standards as well as on Cadigan Exhibit 3 in the word "Depth" in that the staff is long in the form of a long closed loop, and the upper portion of the letter extends above the staff and the body of the letter is not closed to the staff.

I further noted that on Cadigan Exhibit 11 the wording "P. O. Box 2915" contained the same characteristics as the same wording in Cadigan Exhibit 5, and 6 and 7. And here again, based on a combination of personal handwriting characteristics in the entire writing, I reached the opinion that Cadigan Exhibit 11 had been written by Lee Harvey Oswald.

Mr. Eisenberg. Mr. Cadigan, I now hand you Commission Exhibit 135, which, for the record, is an order used for the

purchase of the revolver that was <sup>apparently</sup> used to murder Officer Tippit, and I ask you whether you examined that exhibit.

Mr. Cadigan. Yes, I have.

Mr. Eisenberg. And have you taken a photograph of that exhibit?

Mr. Cadigan. Yes.

Mr. Eisenberg. Which you now have before you?

Mr. Cadigan. Yes, I have an enlarged photograph.

Mr. Eisenberg. And that would be Cadigan Exhibit No. 12.

(The document referred to was marked Cadigan Exhibit 12.)

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Mr. Eisenberg. This was taken by you or under your supervision?

Mr. Cadigan. Yes.

Mr. Eisenberg. It is an accurate photograph of Exhibit 135?

Mr. Cadigan. It is.

Mr. Eisenberg. Mr. Cadigan, did you compare Commission Exhibit 135 with the standard or known writings of Lee Harvey Oswald?

Mr. Cadigan. Yes, I did.

Mr. Eisenberg. What was your conclusion as to the origin of 135?

Mr. Cadigan. That it was written by Lee Harvey Oswald.

Mr. Eisenberg. And can you give some of the reasons that



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led you to form ( ) at conclusion? ( )

Mr. Cadigan. Yes. Here again, it is the presence of the same combination of individual handwriting characteristics, both handwriting and handprinting.

For example, again the wording "Dallas, Texas" is handprinted on Cadigan Exhibit 12, and the same characteristics appear in the same wording on Cadigan Exhibit 9, 7, 6, and 8. The formation of the individual letters on Cadigan Exhibit 12 the spacing of the letters, the proportions of the letters, ~~was~~ <sup>were</sup> found to be the same as on the known standards.

Additionally, the capital letter "D" in the name "Drittal" on Cadigan Exhibit 12 has a rather unusual appearance in the upper portion of the letter in that it is very pointed and wedge-shaped, and I found this same shape present on the reverse side of the passport application on Cadigan Exhibit 10, page 2 in the word "Dec."

Again, I noted the rather long tail or ending stroke on the letter "5" in the address portion of this exhibit.

Again, based on finding the same combination of individual handwriting habits in the questioned and known writings, I concluded that Commission Exhibit 135 was written by Lee Harvey Oswald.

Mr. Eisenberg. Mr. Cadigan, I hand you Commission Exhibit 791, which, for the record, is an application by Oswald for Post Office Box 2915, dated October 9, 1962, and ask you whether you

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have examined at exhibit:

Mr. Cadigan. Yes.

Mr. Eisenberg. And have you prepared a photograph of that exhibit, Mr. Cadigan?

Mr. Cadigan. I have.

Mr. Eisenberg. What will be Cadigan Exhibit 13.

(The document referred to was marked Cadigan Exhibit 13.)

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Mr. Eisenberg. Was this prepared by you or under your supervision?

Mr. Cadigan. Yes.

Mr. Eisenberg. And is it a true and accurate photograph of 791?

Mr. Cadigan. It is.

Mr. Eisenberg. Did you attempt to determine whether Commission Exhibit 791 had been prepared by the author of the standard, Lee Harvey Oswald?

Mr. Cadigan. Yes.

Mr. Eisenberg. What was your conclusion?

Mr. Cadigan. That Lee Harvey Oswald had prepared the hand-printing, signature, and date on Commission Exhibit 791. This includes the bar number and the wording "Dallas, Tex." in the lower right portion.

Mr. Eisenberg. Can you give some of the reasons why you came to that conclusion?

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Mr. Cadigan. Yes. The reasons are basically the same, the presence of the same combination of both handwritten and handprinted characteristics in the known and questioned exhibits.

On Cadigan Exhibit 13 we have the handprinted wording --

Mr. Rosenberg. Cadigan Exhibit 13?

Mr. Cadigan. Cadigan Exhibit 10, excuse me, the passport application,

"LEE CADIGAN"  
We have the wording ~~LEE CADIGAN~~. This handprinted signature is quite distinctive in the formation of the individual letters, in the spacing of the letters, and their slant. For example, the letter "L" on both Cadigan Exhibit 13 and on Cadigan Exhibit 10, there is a small hook in the upper left portion where the downstroke begins, and there is a little tent or hill at the base of the letter.

The double letter "EE" also have a curve, a dent at the base of the letter, although not so pronounced. Both letters, both letter "EE" are approximately the same height as the "L".

In the last name "CADIGAN" on Cadigan Exhibit 13 and on Cadigan Exhibit 10 the "O" has a pointed or tented appearance in the upper right portion, and the ending stroke curves down into the body of the letter. The "G" and "W" in both the questioned and known are similar with the following capital letter "W". This capital letter "W" in both instances is made in the same manner as previously described on other exhibits.

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*no P* The writer uses a lower-case or small "l", and a lower-case or small "d" for the last two letters of his name, the "d" portion of the letter "d" in both instances being made with a straight slanted stroke, then an abrupt circular stroke to the left.

In addition on this same exhibit I noted the formation of the letter "i" — The exhibit I refer to is Cadigan Exhibit 13 — The "i" being made very small in relation to the other letters adjacent to it.

This document also bears the signature "Lee H. Oswald" which, again, is a very characteristic signature. It appears in Cadigan Exhibit 13, the questioned document, <sup>and</sup> in Cadigan Exhibits 4, 5, 6, 7, 8, 9, and 10. The signature I noted was written rather rapidly. It is somewhat distorted in appearance. The initial "L" has a rather long curved beginning stroke and relatively narrow upper and lower portions of the letter.

↪ The letter "H" is made with two parallel strokes and it can be seen that there is a very little retrace from the base of the first stroke ↴ in the letter to the top of the second stroke in the letter.

The "O" combination is rather unusual in that the writer swings into the letter "s" from the top of the "O". Also, as the signature progresses to the right it increases in size and very noticeably in the "ld" portion where the "d" stands well above the line of writing. ————— ↷

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And in his particular signature there is a long swinging stroke from the top of the "d", having a shape similar to a "u" <sup>lying</sup> on its side.

The base of the letter has a very sharp angular formation.

Again, based on a combination of the same individual handwriting and handprinting characteristics, I reached the opinion that Commission Exhibit 791 was prepared by Lee Harvey Oswald.

Mr. Eisenberg. Mr. Cadigan, I now hand you Commission Exhibit 793, consisting of a change-of-address card relating to Box 2915.

Have you examined that exhibit?

Mr. Cadigan. Yes, I have.

Mr. Eisenberg. And have you prepared a photograph thereof?

Mr. Cadigan. I have.

Mr. Eisenberg. That will be Cadigan Exhibit 14.

(The document referred to was marked Cadigan Exhibit 14.)

~~for identification~~

Mr. Eisenberg. This photograph is an accurate reproduction of Commission Exhibit 793?

Mr. Cadigan. Yes, it is.

Mr. Eisenberg. Mr. Cadigan, getting back for a moment to Cadigan Exhibit 13, I see that there is another picture shown on that exhibit, apart from the one as to which you testified.

Mr. Cadigan. Yes.

Mr. Eisenberg. Can you describe that?

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Mr. Cadigan. Yes. That is a Post Office Department Form 1093, application for Post Office Box, and the Post Office Box Number is 6225, and it is signed, "Lee H. Oswald."

Mr. Eisenberg. And why is that included on the picture with ~~Commission~~<sup>Cadigan</sup> Exhibit No 13, <sup>or</sup> rather <sup>on</sup> with the picture <sup>of</sup> Commission Exhibit No. 791? Is that because they were both from --

Mr. Cadigan. No, it is part of another Post Office application that does not relate to Box 2915.

Mr. Eisenberg. Did you have any particular reason for printing that up with the photograph of Exhibit 791?

Mr. Cadigan. No. I think it may have been part of another exhibit which has not as yet been introduced.

Mr. Eisenberg. Does your <sup>ident. picture</sup> ~~copy~~ of Exhibit 791 in any way depend upon that photograph?

Mr. Cadigan. No, not at all.

Mr. Eisenberg. So we can disregard it for our purposes?

Mr. Cadigan. If you want to, I can take it out.

Mr. Eisenberg. Well, it is in.

Mr. Cadigan. I mean I can just cut it along here.

Mr. Eisenberg. I would rather leave it in, since it is in the record.

Mr. Cadigan. All right.

Mr. Eisenberg. I just wanted to make sure that it didn't need to be discussed as part of the identification of 791, and

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I take it it is not.

Mr. Cadigan. No.

Mr. Eisenberg. Now, getting back to Commission Exhibit 793 and the photograph thereof, which is Cadigan Exhibit <sup>14</sup>~~13~~, did you attempt to determine whether Commission <sup>Exh. 793</sup> ~~793~~ had been prepared by Lee Harvey Oswald?

Mr. Cadigan. Yes.

Mr. Eisenberg. The photograph <sup>of which</sup> is Cadigan Exhibit 14.

And what was your conclusion on that?

Mr. Cadigan. Again, that Commission Exhibit 793 was written by Lee Harvey Oswald, again based upon finding the same combination of individual handwriting and handprinting characteristics in both the questioned writing and the known standards.

Mr. Eisenberg. Could you discuss some of those common characteristics?

Mr. Cadigan. Yes. Here, again, the entire word "Dallas" and the word "Texas" is made in a very characteristic manner which I have described before, and which appears on Cadigan Exhibits 9, 6, 7, and 8.

The signature "Lee H. Oswald" was found to have the same characteristics as the known signatures, although here I noted that <sup>in</sup> the ending "d" in "Oswald" the stroke was less cursive than the ending "d" in Cadigan Exhibit 13, in that the writer makes a rather narrow loop and does not cross the staff of the

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letter "a".

I noted this characteristic, also, in Cadigan Exhibits 9 and 10.

I would like to point out that here, again, the writer varies his individual characteristics, which is entirely normal and expected, and actually it adds weight to the characteristic to find that it does vary to some degree. All writings, particularly signatures, are never exactly duplicated and some variation is normally expected, and finding the same variations in both questioned and known signatures increases the value of it, so that, again, the presence of the same combination of handwriting and hand-printing characteristics in Cadigan Exhibit 14 in the known exhibits enabled me to reach the opinion that Commission Exhibit 793 was written by Lee Harvey Oswald.

Mr. Eisenberg. You used the term "cursive" in respect to this. Can you explain the meaning of that term?

Mr. Cadigan. Yes, the ending "a" stroke is made with a flourish or a sweeping motion on Cadigan Exhibit 13, and on Cadigan Exhibit 14, the stroke ends abruptly at the staff of the letter.

Mr. Eisenberg. And why do you call one "more cursive"?

Mr. Cadigan. Merely for description.

Mr. Eisenberg. Can you explain the meaning of the term "cursive" apart from your use in this <sup>instance</sup>?

Mr. Cadigan. I think cursive has also been used to describe



the roundness of writing as opposed to an angular shape.

I think it also is sometimes used to distinguish between handwriting and hand printing.

Mr. Eisenberg. Mr. Cadigan, I now show you Commission Exhibit No. 795, consisting of an item purporting to be a Selective Service System notice of classification in the name of "Alex James Hicell"; Commission No. 801, a Selective Service System notice of classification in the name of Lee Harvey Oswald; Commission Exhibit No. 802, a registration certificate of the Selective Service System in the name of Lee Harvey Oswald; Commission Exhibit 803, a photographic negative; Commission Exhibit No. 804; a photograph negative, Commission Exhibit No. 805; a photograph negative; and Commission Exhibit 811, a photographic negative, and ask you whether you have examined these various items.

Mr. Cadigan. Yes.

Mr. Eisenberg. Based on that examination, Mr. Cadigan, could you discuss your conclusions concerning Commission Exhibit 795?

Mr. Cadigan. Yes. Commission Exhibit 795 is a fraudulent and counterfeit reproduction made from the retouched photographic negatives in Commission Exhibits 804, 805, and 811 which in turn were made from Commission Exhibits 801 and 802.

Mr. Eisenberg. And how were they prepared precisely, Mr. Cadigan?

Mr. Cadigan. These are photographic reproductions. What was done was to take a genuine Selective Service System notice of classification, Commission Exhibit 801 in the name of Lee Harvey Oswald. From this, a photographic negative was prepared. Then various portions of the information, including the name, the Selective Service number, the signature of the clerk of the local board were obliterated with a red opaque substance, and I noted that in the course of this the individual preparing the negative had inadvertently cut off portions of the printed letters, had thickened printed lines, and especially I noted in the signature portion had destroyed portions of the printed letters, and I compared the Commission Exhibit 795 with the retouched negative itself, and observed that the defects in the Commission Exhibit 795 were due to the retouching of the negative.

Although the negative has been blotted out, or the information has been blotted out, it is readily visible to the naked eye that on Commission Exhibit 803, which was also examined in connection with the examination of Commission Exhibit 795, the original writing, the original signature and the typed information "Lee Harvey Oswald" and Selective Service number is the same as it appears on Commission Exhibit 801.

The opaquing is merely to remove this information photographically. There was an intervening step where a small negative or a reduced negative of the lower portion of the face of the

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card which refer<sup>s</sup> to the penalty for viola<sup>tion</sup> concerning carrying the card itself<sup>in a reduced</sup>. The individual responsible made a reduced photograph<sup>9</sup> but, again, the same characteristics are apparent, and by comparing the print, the photographic print Commission Exhibit 795 with these negatives, it is possible to determine that the Commission Exhibit 795 was produced from the negatives and the negatives in turn were produced from Commission Exhibits 801 and 802.

In this connection, I would point out that the reverse side of Commission Exhibit 795 is the form used for a registration certificate, and it is not the proper fac<sup>e</sup> of a notice of classification.

Here, again, the same procedure was followed. The original card is photographed. The unwanted information is painted out with an opaque substance, and then a photographic print is prepared. Then the individual responsible typed in the information "Alek James Hidell" with the Selective Service number, descriptive data on the reverse, and the number of the local board.

Further, an examination of the Commission Exhibit 795 shows the individual had placed the photograph in a typewriter and struck a number of keys which did not print. The indentations from the typewriter keys can be clearly seen in side lighting. Also, in the Selective Service number on the face of the card and the data on the back of the card, indentations of typewriter keys were noted.

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Mr. Eisenberg. Mr. Cadigan, returning to the negatives, I see that in Commission Exhibit 803, as you pointed out, the information that was originally on the card is visible.

Mr. Cadigan. Yes.

Mr. Eisenberg. Whereas, in Commission's No. 804 it is not visible.

Mr. Cadigan. Yes.

Mr. Eisenberg. Can you explain the difference?

Mr. Cadigan. Yes, because Commission Exhibit 804 is an intermediate step.

Commission Exhibit 803 was first prepared, and a print was made from this exhibit. The photographic print would not have the name "Lee Harvey Oswald" in red on it. <sup>6</sup> In the place of "Lee Harvey Oswald" it would show as a blank. Then using the print, a second negative is prepared, and further retouching is done, and also the warning notice in a reduced form is <sup>inserted</sup> ~~inserted~~ into the negative, so that the data from the original notice of classification issued in the name of Oswald appears on the first negative and does not appear on the second negative, but both negatives are directly linked to the original card of Oswald and to the counterfeit reproduction.

Mr. Eisenberg. Now, have you prepared photographs of this card showing some of the details you have been discussing?

Mr. Cadigan. Yes.

Mr. Eisenberg. That will be Cadigan Exhibit No. 15.

(The document referred to was marked Cadigan Exhibit 15.)

~~For identification.~~

Mr. Eisenberg. This Cadigan Exhibit --

Mr. Cadigan. Actually, there are four different photographs, photographic enlargements that comprise Cadigan Exhibit 15, the face and reverse of the notice of classification made in normal lighting, and the face and reverse of the card made with side lighting showing the typewritten indentations.

Mr. Eisenberg. Let's mark those, then, Cadigan Exhibit 15, 16, and 17, and 18.

(The documents referred to were marked Cadigan Exhibits 15, 16, 17 and 18, ~~for identification.~~)

Mr. Eisenberg. Now, Cadigan Exhibit 15 shows the face with normal lighting?

Mr. Cadigan. Yes.

Mr. Eisenberg. Cadigan Exhibit 16 shows the reverse with normal lighting?

Mr. Cadigan. Yes.

Mr. Eisenberg. Cadigan Exhibit 17 shows the face with side lighting?

Mr. Cadigan. Yes.

Mr. Eisenberg. And Cadigan Exhibit 18 shows the reverse with side lighting?

Mr. Cadigan. Yes.

Mr. Eisenberg. These exhibits also contain pictures of another

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questioned document which we will get to shortly, and that is the Certificate of Service in the name of Alek James Hidell, is that correct?

Mr. Cadigan. That is correct.

Mr. Eisenberg. Now, starting with Cadigan Exhibit 15, could you discuss several of the features on which you base the conclusions you have given us earlier?

Mr. Cadigan. Yes. The observation of this exhibit will show in the block for the Selective Service number fragmentary portions of the original Selective Service number. The lines have been thickened. In the space provided for "been classified in Class," in the middle, in approximately the middle of the space there is a heavy dotted line. By comparing this with the original card issued in the name "Oswald" is seen at the lower portion of the capital letter "L".

Mr. Eisenberg. Have you taken a photograph of the original card?

Mr. Cadigan. Yes.

Mr. Eisenberg. That we will mark Cadigan Exhibit No. 19.

(The document referred to was marked Cadigan Exhibit 19.)

~~FOR INFORMATION~~

Mr. Cadigan. On the right-hand side of the card the word "President" appears, and on Cadigan Exhibit 15 a portion of the "r" and the "e" is missing, due to the retouching.

Examination of the corresponding area on Cadigan Exhibit 19

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shows that the "r" was due to retouching a portion of the signature of the local board. Similarly, in the wording "heavy penalty for violation" appearing below the signature, the word "violation" is considerably distorted in that portions of the various letters are missing. The negative shows this is due to retouching, and a comparison with the original card of Oswald, of which Cadigan Exhibit 19 is an enlargement, shows where the lower loops of the letter "r" cut into the letter, cut into the printed word "violation," which required retouching by the individual to remove it.

Mr. Eisenberg. Have you taken photographs of these negatives to illustrate these points?

Mr. Cadigan. Yes.

Mr. Eisenberg. This is that photograph?

Mr. Cadigan. Yes.

Mr. Eisenberg. That will be marked Cadigan Exhibit No. 20.

(The document referred to was marked Cadigan Exhibit 20.)

~~For identification.~~

Mr. Cadigan. And by referring to the Cadigan Exhibit 20, which shows the retouching, examination of the area in the word "President" will show where the portion of the "r" has been cut off. It will show where the capital letter "I" appears in the space provided "been classified in Class (I), the "I" being part of the classification, Roman numeral "IV-A," which appears on the original card.

Cadigan Exhibit 20 shows, also, the intermediate negative where the size of the warning appearing on the bottom of the card was reduced, and the additional retouching made that causes the distorted appearance of the word "violation" on the Commission Exhibit 795, so that it was based on my comparison side by side of the negatives, the photographic print, and the original exhibit in the wallet of Oswald, which enabled me to determine that this Commission Exhibit 795 was a fraudulent counterfeit made from retouched negatives which, in turn, were made from the original exhibits, Commission Exhibits 801 and 802.

Mr. Eisenberg. I think <sup>that</sup> the Cadigan Exhibits 16, 17 and 18 are self-explanatory.

Mr. Cadigan. They merely serve to illustrate the indented typewriting that appears on these exhibits.

Mr. Eisenberg. Mr. Cadigan, I now hand you Commission Exhibit No. 806, purporting to be a certificate of service that Alek James Hidell has honorably served on active duty in the United States Marine Corps, and ask you whether you have examined that document?

Mr. Cadigan. Yes.

Mr. Eisenberg. And I hand you Commission Exhibit 812, consisting of two negatives.

Have you examined these negatives?

Mr. Cadigan. Yes.



Mr. Eisenberg. Based upon your examination, have you come to any conclusion as to the construction of Commission Exhibit No. 806?

Mr. Cadigan. Yes. Again, this is a fraudulent <sup>and</sup> counterfeit reproduction made from photographic negatives which, in turn, were made from the original card issued in the name of Lee Harvey Oswald.

Mr. Eisenberg. Have you taken a photograph of the original card?

Mr. Cadigan. Yes.

Mr. Eisenberg. And where does that appear? That is the photograph you are handing me now, which we will label Cadigan Exhibit 21.

*Mr. Cadigan Yes.*

(The document referred to was marked Cadigan Exhibit 21.)

~~for identification.)~~

Mr. Eisenberg. Cadigan Exhibit No. 21 includes the Selective Service registration <sup>certificate</sup> statement we have been discussing, is that correct?

Mr. Cadigan. No, it includes an enlargement of the original Selective Service System registration certificate issued in the name of Lee Harvey Oswald.

Mr. Eisenberg. And that is the Selective Service System certificate on which the forgery in the name of Hidell was based?

*from which*  
Mr. Cadigan. The reverse side of the forged or the

fraudulent and counterfeit notice of classification was prepared.

Mr. Eisenberg. Focusing our attention on the certificate of service, could you illustrate by use of this photograph and any others you have already introduced some of the points which led you to your conclusion? -

Mr. Cadigan. Yes.

Mr. Eisenberg. - As to Commission Exhibit No. 806?

Mr. Cadigan. The two negatives in Commission Exhibit 312, which appear on Cadigan Exhibit 20, show the areas of retouching. Examination of the negatives themselves in Commission Exhibit 812 shows that the original entries on the face and reverse side can be seen. It appears in red. The face reads "Lee Harvey Oswald, 1653230." And the reverse side bears his signature.

From a study of the negatives and from the enlarged photographs Cadigan Exhibits 15, 16, 17, and 18; I wish to point out some of the evidence that links these three items together. On Cadigan Exhibit 16, on the reverse side in the printed word "signature," the "u" is misshapen due to some of the retouching substance crossing the letter, and this is exactly in the area where the upper-portion of the name "Lee" appears on the original card. This is seen on Cadigan Exhibit 21.

Also on the line below, which appears the printed wording "signature of certifying officer," in the letter "n" in "certifying" can be seen a long line which at first glance might

appear to be a part of the signature "A. G. Ayers, Jr.," but which corresponds exactly to the ending stroke of the letter "y" in "Harvey."

Also, in the printed word "officer" on the same line can be seen the effects of the retouch in that the upper part of the first "f" has been cut off by the retouch substance. So that by a study and a comparison of the Commission Exhibit 806 with the negatives, with particular reference to where the retouching fluid has cut into lines or printing, and further comparing the same negative with the original card, as shown in Cadigan Exhibit 21, I determined and it can be seen that the Commission Exhibit 806 was produced from the negatives in 812, which, in turn, were produced from the original card of which Cadigan Exhibit 21 is a photograph.

Mr. Eisenberg. Mr. Cadigan, in either the fraudulent Selective Service notice of classification or ~~the~~ certificate of service, have attempts been made to reinstate portions of printed lines which were blocked out by the opaque substance?

Mr. Cadigan. No, I didn't notice that, particularly.

I noticed ~~that~~ from a technical standpoint that the opaquing was rather crudely done, in that the opaquing of negatives is a common photographic technique, and with reasonable care you can avoid cutting into lines. I didn't particularly observe any areas where the lines had been put back in.

This does not eliminate the possibility, because it is a very

simple matter of scratching through the opaque emulsion to produce such a line.

Mr. Eisenberg. Where the line is thickened, as is visible in <sup>Cadigan</sup> ~~Commission~~ Exhibit 15, how would you account for that,

Mr. Cadigan?

<sup>Cadigan</sup> I am looking now at ~~Commission~~ Exhibit No. 15 in the block, <sup>surrounding the numeral "22"</sup> that portion of the rectangular block ~~on the~~ and particularly ~~at~~ the bottom of the block.

Mr. Cadigan. A study and examination of Cadigan Exhibit 19 shows that these areas correspond to the figures "114" which appear in the second block of the Selective Service number, and which were not retouched off.

Mr. Eisenberg. So you feel that, rather than the ~~bottom~~ of that block <sup>in the retouching</sup> being thickened, what you have is a residue from the typed-in portion -

Mr. Cadigan. Yes.

Mr. Eisenberg. Which appeared on the original card?

Mr. Cadigan. Yes, and this can be further seen. ~~in~~

~~The~~ The right-hand side of the block for the first two letters of the Selective Service number shows a thickened area which corresponds to the numeral "1" on the original card of Oswald.

Mr. Eisenberg. Mr. Cadigan, returning now for a moment to Commission Exhibit 795, were you able to identify either of the two signatures written in ink on that card, the one being

<sup>Block</sup> J. Hidell, and the other a signature written over the caption

"Member or Clerk of Local Board"?

Mr. Cadigan. No. I did examine the "Ale. J. Hidell" signature appearing as the signature of registrant, but the known writings available of Lee Harvey Oswald were not sufficiently comparable with the signature to reach a definite opinion. I did note, however, some similarities in the letter "A" and in the last name, the letter "H" and the ending "l,"

But these were not of sufficient weight nor of sufficient number nor of sufficient combination to warrant a definite opinion.

Mr. Eisenberg. You say you compared this item, this signature with the known standards. Did you compare the signature with questioned documents which you already identified?

Mr. Cadigan. No.

Mr. Eisenberg. Mr. Cadigan, I wonder whether after this deposition would you compare <sup>the</sup> signature with those questioned signatures of <sup>"Ale. J. Hidell"</sup> which you have now identified?

Mr. Cadigan. Yes, certainly.

Mr. Eisenberg. Mr. Cadigan, I now hand you Commission Exhibit 817, consisting of a <sup>portion</sup> of an application for a Post Office Box 30051 in New Orleans, POD Form 1093, and ask you whether you have examined that item.

Mr. Cadigan. Yes.

Mr. Eisenberg. And have you attempted to determine whether that item, Commission Exhibit No. 817, was prepared by Lee Harvey Oswald, whose known writings we have introduced previously?

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Mr. Cadigan. Yes, I have.

Mr. Eisenberg. ~~Whose ~~hand-printing~~ ~~we~~ ~~have~~ ~~introduced~~ ~~previously.~~~~

← And what was your conclusion?

Mr. Cadigan. That ~~the hand-printed names "A. J. Hidell, Marina Oswald, L. H. Oswald", the signature of the applicant appearing in two places and the home address --~~

~~Mr. Eisenberg. Wait a second, Mr. Cadigan.~~

~~Just referring to Commission 817.~~

~~Mr. Cadigan. Excuse me.~~

<sup>on</sup>  
~~On~~ Commission Exhibit 817 the hand-printed names, "A. J. Hidell, <sup>(one)</sup> Marina Oswald," and the signature "L. H. Oswald," were written by Lee Harvey Oswald, based on a comparison with his known standards of writing.

Mr. Eisenberg. Have you prepared a photograph of Commission Exhibit No. 817?

Mr. Cadigan. Yes.

Mr. Eisenberg. And does that also include a photograph of another item, apparently another part of <sup>The</sup> ~~that~~ application?

Mr. Cadigan. Yes.

Mr. Eisenberg. Did your identification of the Commission Exhibit 817 depend in any way upon your identification of the other part of the item which is shown in your photograph?

Mr. Cadigan. It did not.

Mr. Eisenberg. I will mark the photograph Cadigan Exhibit

(The document referred to was marked Cadigan Exhibit 22.)

~~For the record~~

Mr. Eisenberg. Was this prepared by you or under your supervision?

Mr. Cadigan. Yes.

Mr. Eisenberg. And it is an accurate photograph?

Mr. Cadigan. It is.

Mr. Eisenberg. We haven't been going over that with all the other photographs, but is that true of all the photographs we have introduced so far?

Mr. Cadigan. That is correct.

Mr. Eisenberg. And any other photographs you may introduce during the balance of this deposition?

Mr. Cadigan. That is true.

Mr. Eisenberg. Mr. Cadigan, by use of that photograph and by use of the photographs of the standards, could you explain some of the points which led you to your conclusion concerning Commission Exhibit No. 817?

Mr. Cadigan. Yes. Here again, it is the presence of the same combination of characteristics in the hand printing and signature on Cadigan Exhibit 22 and on Cadigan Exhibits 4 through 10. For example, in the word "Marina" on Cadigan Exhibit 22 can be compared with the same word on the same name on Cadigan Exhibit 10, the "M" being characterized by a rather

long beginning stroke, the center of the letter is high, giving the letter somewhat the appearance of the numeral "3" <sup>tipped</sup> on the side. The "f" is similar to or made in the same way as previous "f's" with a pointed top, with the beginning stroke about two-thirds of the way up the staff.

The "i", again, is very small in relation to the letters coming before and after it.

In the "N" there is a curve at the base of the letter. It is more pronounced on Cadigan Exhibit 22 than in the name "Marina" in Cadigan Exhibit 10, but in the name "Lillian" on the same exhibit, the same kind of curve is observed.

In "Oswald" again in the signature "L. H. Oswald" I find the same characteristics and combinations of characteristics, In the questioned signature in Cadigan Exhibit 22 as in the various known signatures in Cadigan Exhibits 4 through 10, here I think the ending "ld", the narrow pointed loop used for the "l" and "d" are very small, and with a rather misshapen body or upper stroke.

Again, it is the presence of the same combination of handwriting and handprint characteristics which led me to the opinion that this exhibit had been prepared by Lee Harvey Oswald.

Mr. Eisenberg. Mr. Cadigan, I now hand you Commission Exhibit No. 313, a vaccination certificate, a purported vaccination certificate, signed by "A. J. Hideo", and I ask you whether you have examined that

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Mr. Cadigan. Yes, I have.

Mr. Eisenberg. Now, this bears writing on the outside and the inside. Have you attempted to determine whether that writing is the writing of Lee Harvey Oswald?

Mr. Cadigan. Yes.

Mr. Eisenberg. What is your conclusion?

Mr. Cadigan. That the hand printing and the Oswald signature were written by Lee Harvey Oswald, again based on the presence of the same combination of individual handwriting and hand-printing characteristics.

Mr. Eisenberg. Have you taken photographs of this exhibit?

Mr. Cadigan. Yes.

Mr. Eisenberg. These will be Cadigan Exhibits 23 and 24.

(The documents referred to were marked Cadigan Exhibits 23 and 24, ~~with the following markings~~)

Mr. Cadigan. I would point out that these represent only a portion of the original document, since for demonstration purposes the lower printed blank is not included in these exhibits.

Mr. Eisenberg. Now, the document as we see it now exhibits extremely faint writing. Can you explain the reason for that?

Mr. Cadigan. Yes. This is due to treatment of the card for latent fingerprints by chemical process which bleaches and makes inks run.

Mr. Eisenberg. Was the document treated to restore the

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original or after it had been treated for fingerprints?

Mr. Cadigan. No. From looking at this, it has been desilvered but it has not been completely desilvered since parts of the stains of the chemical treatment remain.

Mr. Eisenberg. When you first saw the document and made your examination, was the document in its original condition, that is, had it been treated yet for fingerprints?

Mr. Cadigan. I never saw the original.

Mr. Eisenberg. You never saw the original?

Mr. Cadigan. No. I had a Xerox copy of the original exhibit. I did not see this original exhibit.

Mr. Eisenberg. You said before you had examined <sup>(exhibit 3)</sup> this exhibit.

Mr. Cadigan. To be more exact, I examined a Xerox copy of this exhibit.

Mr. Eisenberg. Do you know who prepared the Xerox copy?

Mr. Cadigan. ~~It was prepared by~~ It was submitted by our Dallas office, ~~and I would assume it was probably prepared by our Dallas office.~~

Mr. Eisenberg. Was this a copy of the front and the back?

Mr. Cadigan. Yes.

Mr. Eisenberg. And are your photographs of the Xerox or of the original?

Mr. Cadigan. They are made from the Xerox.

Mr. Eisenberg. Is this the first time you saw the original?

Mr. Cadigan. I believe it is.