IN THE UNITED STATES DISTRICT COURT FOR THE MIDDLE DISTRICT OF GEORGIA AMERICUS DIVISION 3 HATTLE BRAZIER, Widow of James Brazier, deceased CIVIL ACTION #475 . 5 W. B. CHERRY, RANDOLPH 6 McDONALD, ZACHARY T. MATTHEWS, SHIRAH CHATMAN, 7 HOWARD LEE and THE FIDELITY CASUALTY COMPANY OF NEW YORK, 8 a corporation 10 This is the deposition of LOUIS D. HAZOURI, M.D., 11 taken by the plaintiff in the above case, pursuant to 12 agreement, all formalities waived, and all objections 13 reserved except as to the form of the question, before 14 Carl F. Potswald, Notary Public, at the United States 15 Post Office Building, Columbus, Georgia, on Thursday, 16 November 15, 1962, commencing at 4:00 o'clock P.M. 17 18 APPEARANCES OF COUNSEL: 19 For the Plaintiff: Donald L. Hollowell, Esq. 20 Charles J. Bloch, Esq. For the Defendant: 21 22 23 Carl F. Potswald 24 Court Reporter 812 Courthouse

Atlanta 3, Ga.

LAWYER'S NOTES

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craniectomy types of operations?

- $\mathbf{A} \mid \mathbf{A}$ Yes, sir, I have.
- 2 Q Would you be able to indicate any approximate number of such operations in which you have engaged?
 - A No, sir, I wouldn't be able to guess.
- Q Would you suggest that they would constitute a large number?
- 7 A Yes, I would.

- Doctor, calling your attention to the month of April in the year 1958, between the date of the 21st and the 25th of April, did you have the occasion to have a patient by the name of James Brazier?
- A I had a patient by the name of James Brazier, who was a admitted to my service allegedly on the 21st of April of 1958, but was not seen by me until the 25th of April of 1958.
- Q Now, dogyou know where he was as of that time?
 - I was informed that he had been admitted to the Medical Center here in Columbus, Georgia on my service at the request of Dr. Charles Ward of Dawson, Georgia, and he was seen and taken care of by Dr. John Durden of this city who was taking calls for me.
- Is there anything that has come into your knowledge which would cause you to doubt the fact that he was in fact admitted on the 21st of April 1958, as your information was directed to you?

A No, there has not.

- Q When you first saw him, what was his condition?
 - A When he was seen by me his chart was reviewed and it was noted that he had a blood pressure which was within normal limits, he had an elevated temperature, moderate pulse, he had a dressing on his head.
- Q What on his head?
 - A Dressing, bandage. We could not test his coordination other than --
 - Q You say you could not test his coordination?
 - No, since the patient usually has to be instructed to follow commands and this patient could not follow commands due to his level of consciousness. He was quite stuperous; as a matter of fact, showing a coma. He couldn't move his arms and legs which we felt itwas on a reflex basis. He showed evidence of brain damage by certain neurological findings.
 - Q Do you have a copy of those findings?
 - A Yes, I do.
 - Q Would you relate what those findings are.
 - His reflexes were hyperactive; sensory examination, that is, stimulation with a pin, showed that there was mild movement in the upper and lower extremities, not the usual and natural quick response. He showed bylateral Babinski signs, which are signs comparable to evidence of damage

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m l}$ A There was none.

Q Or conditions?

There was no disease as far as leukemia. His blood pressure was elevated to 160/100, which was the time of his being referred into the hospital. That was the chart,

to the brain. His corneal reflexes were sluggish; that is, testing the eyes to see if there was any motion revealed that he did not respond. No other detailed testing could be carried out since this patient was of course, for practical purposes, not cooperative. And it was my impression that he had sustained an injured brain with bruising to the brain stem, and as well was in a post-operative state having had a blood clot removed by Dr. Durden.

What would cause a blood clot of the type that you have just referred to in your findings?

Usually three primary causes, the most common of course is injury, the second cause is a bleeding abnormality such as in leukemia, and of course the third cause is on occasion we will see an individual with high blood pressure who has ruptured a blood vessel and give you the same finding. You mentioned leukemia and high blood pressure. In all of the reports which you have seen, and as a result of your examination, was there any findings of those diseases doctor?

not my recording.

- Q I see. Did that blood pressure diminish or lower?
- A It became lowered, apparently after the removal of the blood clot.
- Q From your charts and your findings, were you able to determine whether there was massive contusions of the head and scalp or not?
- A I can't answer the question with reference to the scalp since I did not change the other doctor's dressing, but there was evidence from the examination that he had sustained some catastrophe intracranially; that is, the brain had been severely damaged.
- Q From your knowledge of individuals who were suffering the kind of traumatic experience which this man presumably was suffering, are you in a position to indicate the type of instrument which might have been necessary in order to produce the kind of damage to the head that Brazier had?
- No, I couldn't. It would have to be on the basis of blunt instrument, or the patient directly striking the floor or raising his head against a beam, or it can be very many different causes. Other than from the history, at least we know that there was no penetrating object such as a knife or an axe or a gun-shot wound.

MR. BLOCH: Did you say it was not, doctor?

- A Was not, that's right, sir.
- Q From the history, also, would you be able to determine whether there were any sharp objects at all which caused a laceration-type wound on the head?
- A If there was, I am not aware of it other than from my own record. It states that he had been struck over the head several times. And that history was obtained from the chart.
- Q From your observation and from the charts which you have studied, would you be able to say approximately the number of times that he had been struck?
- A No, sir. There is no mention of it in the record, to my knowledge.
 - Doctor, would you explain for the record the direction that an injury to the head of the type which I will describe to you would take or would be. Examination of the skull reveals a fracture extending from the left lateral margin of the brain magnum. Would you want to read that for me, doctor, aloud and explain that insofar as you can in layman's language?
 - Examination of the skull reveals a fracture extending from the left lateral margin of the brain magnum. -- if I might interject here, I am certain that is a typographical error, that should be foramen magnum -- laterally through the parietal temporal bones extending to the vertex on the

1 left one would make a hypothesis here by that 2 mə I study that the blow was behind the 3 Q over the right frontal bone. 4 Shead, that would be a sort of 5 njury. But the most logical 6 he back of your head. 7 any indic

the head; tha

of this from the Sontusions of the scalp, or but having any indicaof the head; that is, 12 13 towa. Merred to 14 close to abu 15 between eight to ni. j\ed 16 which begins at the nape or 17 and extends up behind your ear and 18 region. 19 From your report, doctor, are you able to tell whe. 20 blow, or major blow or blows were in order to produce a 21 fracture of that proportion? 22 Studies have shown that by taking dummies and painting the 23 skull with a plastic material and striking the dummy's 24 head with a blunt object, or letting the dummy fall, you

get a scatter or a sort of a fracture line that you can

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delineate. And one would make a hypothesis here by that type of experimental study that the blow was behind the left ear, or possibly over the right frontal bone. is above the right forehead, that would be a sort of across-the-skull type of injury. But the most logical would be that of striking the back of your head.

- Would it be possible to have contusions of the scalp, or of the skull itself rather, without having any indications of lacerations on the exterior of the head; that is, without there being any visible signs of this from the exterior?
- Anything would be possible, but it would be unlikely.
- Let me ask you this doctor, what would normally cause extensive epicranial hemorrhage, and what is referred to as an organized hematoma?
 - That would imply that there was some force that caused the skull to temporarily - it's become fractured - to temporarily contract and extend, since it is a bony structure, and possibly the strength of the force would be enough to separate the covering between the skull and the brain. And by shearing away this covering, blood vessels are torn and then a blood clot forms. either absorbs this blood clot and heals, or else it then becomes organized and forms a large mass or so-called organized blood clot.

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- Now, would an operation of the type which was performed on this patient normally cause the kind of damage which you have just explained and cause the kind of hematoma that you have just explained?
- No, sir, it would not.
- Then it is your testimony, as I understand it, that this had to have been produced by some type of traumatic experience which this patient underwent by virtue of some heavy object of some sort having come in contact with his head?
- That is correct, sir.
 - Now, as to the brain, doctor, if an examination reveals extensive subdural and epidural hemorrhage with marked encephlomalacia of the right temporal and left parietal lobes, what would be the kind of experience which would produce that? Or let me ask you this: would the condition of the skull and scalp as you have explained it be consistent with the condition which I have just referred to relative to the brain, which is that of the extensive subdural and epidural hemorrhage with the marked encephlomalacia of the right temporal and left parietal lobes?
- It would be consistent with an injury.
- What does it mean when it says that "on section the contused brain has become necrotic?

- A The brain where it had been bruised had lost part of its blood supply and then as a result, by losing its blood supply, becomes softened and then deteriorates and becomes mushy consistency.
- Q When this happens what is the usual result?
- A Of course, it depends on which part of the brain is affected but it will mean loss of function of that part of the brain. If it's extensive of course death ensues. If it's moderate, Nature will heal it and other parts of the brain will take over for the individual to recover, depending on the extensiveness of the insult.
- Q I believe it was extensive in this particular case; is that correct?
- 14 A Yes, it was.

- Q Doctor, was there any other malady or condition which was in any way abnormal to the extent that it could possibly have given rise to his death?
- A Well, the primary cause of death of course would be the extensiveness of the injury to his brain. And the autopsy also showed, was reported to have shown lobar pneumonia.
- 21 Q Was there any evidence that he had lobar pneumonia prior 22 to his entry into the hospital?
- 23 A None to my knowledge.
- 24 Q Is it common for patients who have had injuries such as
 25 this to develop pneumonia?

- 1 A Usually after a long period of time, depending on their
 2 ability to get rid of the mucus from their throat and from
 3 the air passages, it may settle down and become secon4 darily infected from the individuals own normal organisms
 5 and you might develop pneumonia. We try our best of
 6 course to prevent this, but it does happen and it usually
 7 does kill the individual.
 - When you say it usually does kill the individual, are you suggesting that this is a secondary cause?
 - A It is a secondary cause where it does occur.
 - Q Where it does occur.

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- A And it depends there again on the occurrence.
- Anyway, as I understand your testimony, the traumatic
 experience as has been explained by you in the answer to
 the question was the actual and primary cause of his
 death; is that correct?
 - A That is correct.
- Doctor, on your return from the trip that you made
 mention of earlier, you did examine the patient yourself,
 did you not?
 - A Yes, I did.
 - Q Is there anything else pertaining to the condition in which you found this man or relating to his history or his presence in the hospital which you think to be significant but which I have not asked you about? Maybe

something stands out in your mind, I don't know.

- A No, sir; other than this patient had been operated on.

 He had been, he was found to be quite critical apparently,
 as he had been when he arrived, and in spite of everything
 that was done he still passed on.
- From your reports and from the condition of the man, what would you say was the approximate period of time which passed between the traumatic experience and the patient's arrival at the hospital?
- The history as given to me related that this occurred on the 20th of April on or about, that he had regained his consciousness on or about the 21st of April, and that he began having difficulty with speech as well as his coordination and his walking, and then showed rapid deterioration
- and admitted to the hospital on the 21st of April.
- Q Was there anything about the general examination of the man which would cause his locomotion and his speech to be in a deteriorated condition or abnormal other than the injury to the head?
- A None that I could ascertain.
- Q How would you characterize the blow or blows that would have been necessary to produce the kind of injuries which this man had?
 - A I couldn't answer that, that would be speculation on my part. I don't know.

1 That is any more than what you have already indicated, is 2 that what you mean, doctor? 3 That is correct, sir. 4 Doctor, who is Mrs. Hinton? She is my private secretary. 6 Now, do you know where the office of Dr. John Durden is 7 at? 8 I don't know the address, sir. I believe it's on Fourth 9 Avenue here in Columbus. 10 I believe Dr. Webber is no longer in the city, is he? 11 No, sir. I think he has an office in the Doctors Building 12 here, which is across from the Medical Center. 13 I see. He is also connected with some hospital now in 14 Phoenix City, isn't he? 15 He is connected with the Cobb Memorial Hospital. 16 Doctor, what kind of item would you suggest could produce 17 contusions from one to three centimeters in diameter 18 though there would be no laceration of the scalp visible, 19 what kind of a blow and what kind of an instrument would 20 be required? 21 Which would reveal no evidence of external violence to the 22 scalp?

And I am referring particularly to the same report

that we were looking at before but looking under "Scalp"

in the section captioned "External Examination".

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- Yes. I believe it says there were contusions and abrasions over the entire surface of the scalp in the hair bearing portions. These contusions range from one to three centimeters in diameter, and there are no lacerations of the scalp visible other than the surgical incisions described above. Now, what I am asking is, in order to get contusions ranging from one to three centimeters but there not being any lacerations, what kind of instrument would be required in order to produce contusions of this sort?
- A It would imply a small instrument of some nature.
- Would these have to be quick staccato types of blows, or would they have to be done with some considerable force in order to produce contusions ranging from one to three centimeters in diameter?
- Well, the time element could vary. It could be one contusion, none, and one contusion later on. There would be no way of telling unless you did studies on the scalp to determine the amount of bleeding that was present at each individual time, and that would be practically an important to the scale of th

impossibility.

- I see. Maybe I didn't make myself clear. What I am getting at, doctor, is that would the type of blow which would be required to make these contusions which are from one to three centimeters in diameter have to be one of rapid, light, staccato type of blows -- I am speaking of staccato from the standpoint of rapid and light as distinguished from time as we think in terms of music -- as distinguished also from a heavy blow, if I make myself clear?
- Well, you would have to have a reasonable force to give you the underlying damage that he had to his brain, so it would have to be a rather severe force or an increased force to do that.
- Q Would the latter two adjectives used be more descriptive than the other?
- A The which?
- I say, would the latter two adjectives which you used be more descriptive than the former. You said merely a reasonable force initially, and then subsequently I believe you said a heavy and increased force.
- A Well, you'd have to have if you were to grade it of course if the force is severe enough you'd lacerate the scalp. If your force is there, again I can't give you pound force or distance, but if your force is of reasonably

moderate extent you would expect to get an underlying bruising to the scalp. And even there could you grade it on that? A small tap on the scalp of course is not going to alter the scalp structure, but if you have a moderately forceful blow such as suddenly raising your head beneath a crossbeam, you will get a welt, or you might get bleeding beneath the scalp, or if you increase the force you will get further bleeding.

- Q Suppose you had some comparatively small metal object but which was padded, would you be likely to get this kind of force or kind of damage?
- A I would imagine if you had a small padded object you could probably fracture the skull with repeated blows, and probably tear the scalp. There again, it depends on the amount of force applied.
- Q Would it be reasonable to say that in order to produce contusions from one to three centimeters in diameter in the scalp, that it would take considerable force, and that to produce a fracture from twenty-one to twenty-three centimeters in length would require an extraordinarily excessive force?
- You'd have to have an unusual force to result in that fracture, unless the fracture itself-resulted from a very large-framed individual striking the floor.
 - From the condition of this man's body, was there any

- evidence that he had struck the floor at any time?
- A No. That would be predicated I did not examine this man initially and did not alter his dressing, that was just simply from his body.
- From all the records which you have read, the original reports and the reports which you have, are there any indications that there were bruises and contusions of the body, about the body generally, which might come from a fall and which would be likely to come if a man had fallen in such a manner as to produce a fracture of the nature that you have explained here?
- A It would be speculation, I couldn't answer that. I mean, it would be reasonable to assume that he had blows to his head, and it would also be reasonable to assume that he had fallen and fractured his skull, or that he had received a blow that was strong enough to fracture his skull.
- Q Perhaps my question was a little too long for you to answer it properly. Would you read the question again, Mr. Reporter?

(Question read back to the witness.)

- A There was no evidence to the body that I examined that there was any external violence.
- Q Of the body?
- A Yes.

1	Q	Other than of the head?
2	A	That's correct, sir.
3	Q	All right. I believe that got to the question. Maybe
4		if I rephrase it you can get me a definitive answer.
5		Then do I understand it is your testimony that you could
6		not observe, nor have you seen any reports which indicate
7		that this man suffered any lacerations or bruises and
8		contusions of the body?
9	A	That is correct.
10	Q	Other than those that related to the head?
11	A	That is correct.
12	Q	All right. Have you had occasion to communicate or be
13_		communicated with by Mr. Bloch in connection with this
14		case?
15	A	If I did I am not aware of it. There may have been some
16		communication previously in the mail, but I don't think
17		so.
18	Q	Have you had any with Mr. Z. T. Matthews or W. B. Cherry
19		of Dawson, Georgia pertaining to this matter?
20	A	No, sir, I have not.
21		MR. HOLLOWELL: I believe that is all for the
22		doctor at this time.
23		CROSS-EXAMINATION
24		Ry Mr. Bloch:

Doctor, may I see the document which you have before you,

By Mr. Bloch:

to severe contra-coup trauma?

A That is correct.

- Q Trauma is a blow?
- A That is correct, sir.
- Q What does contra coup mean?
 - Opposite side to the blow. I presume, I don't know how the diagnosis was arrived at in this particular instance, but knowing where the fracture was located, which was the left side, and one would assume that he struck on the left side and the blood clot was on the right side and that is what causes the death. But contra coup implies the force or whatever causes the injury is on the one side and the blood clot is opposite to that side.
- Q Well, if a blow, or any trauma sufficient to cause a blood clot on the right side were inflicted on the left -- or where was it, where was the clot?
- A The fracture was on the left side.
- Q Well, then the blow would have to be on the right?
- A I am not certain as to which side the hemorrhage was. My only report is that he had a blood clot there, don't know which side it was on. The autopsy report reveals the hemorrhage on the right. So one would assume that the fracture, that the blow was sustained on the left side and that the hemorrhage was on the right side from the blow.
- Q Well, would it what would be the immediate effect of a

It isn't?

- A That was in response to a question that was posed.
- 2 Q I see. What was the first?

- A I stated that high blood pressure, or a blood abnormality like leukemia, or injury of some nature.
- Q All right. Alcoholism, acute or chronic, have anything to do with it?
 - A No, sir; unless the individual staggers and falls and strikes his head. And usually with an alcoholic they have a shrunken brain and it gives them more space on the inside of the skull, which results in bleeding, which can then become a blood clot. We see a higher incidence of alcoholics who have blood clots.
 - Q Suppose this man sustained a blow on the afternoon of April 20 while in a drunken condition, would the blow be inclined to be affected I mean, to cause a more dire effect, more serious effect on account of his condition being drunken than it would if he were sober?
 - There would be probably a number of factors, I imagine, that an individual who is intoxicated or partially inebriated would probably be more prone to resist or to fight back or, if struck, would tend to fall quicker than an individual who is able to try to dodge a glancing blow that is coming at him.
- Q You said on direct examination, sir, that Brazier was not seen by you until April 25th?

- A That is correct.
- 2 Q What time?
- 3 A I haven't the slightest idea. That would have to be in the nurse's notes.
- Q And I believe you said that there was a dressing on his head at that time?
- 7 A That is correct, sir.
- 8 Q Do you know who put that dressing there?
- 9 A I would assume that Dr. Durden had dressed the scalp.
- 10 Q The patient was referred to you, or rather you were called in by Dr. Durden?
- 12 A No, sir; he was referred to me by Dr. Ward.
- 13 | Q Dr. Ward in Dawson?

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- 14 A That is correct, sir.
- 15 Q Was the reference by telephone, or did Dr. Ward come with him, or what?
 - A I don't know, sir. I presume that he contacted my secretary, according to my chart. And since I was out of town she took the call. Dr. Durden was taking my calls for me at that time, prior to my having another neurosurgeon here in town who now covers for me while I am out of town.
 - of the scalp and another of similar size in the occipital region, which were not large enough to warrant closure

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1		with sutures, be sufficient to cause the fracture of the
2		skull that you saw?
3	A	Not a direct blow. It would be unlikely, unless the skull
4		struck something else.
5	Q	Something else like what?
6	A	Like the pavement or ground.
7	Q	Or concrete floor?
8	A	Anything that is so hard as to resist a fall.
9	Ω	Anything harder than the skull is sufficiently hard to
10		resist the fall?
11	A	For the average, yes, sir.
12		MR. BLOCH: I think that is all.
13		REDIRECT EXAMINATION
14		By Mr. Hollowell:
15	Q	Doctor, is it possible that this twenty-one to twenty-
16		three inch fracture might have been smaller initially and
1 <i>7</i>		by either repeated blows or movement could have continued
18		to increase in length?
19	A	It would be unlikely. You would assume that once the blow
20		I mean, once the fracture occurred in this particular
21		instance that you had the initial insult and shattering,
22		splinting effect, in this instance to the skull, that
23		repeated blows to the hind part of the brain would become
24		certainly obvious. You would have to really do quite a

bit of to-and-fro motion or movement to aggravate that

blow. That is a pretty hard place to crack.

- Once it has been cracked, would increased blows possibly cause it to crack more, that is what I am trying to get at?
- A Conceivable, but unlikely. You would certainly see evidence of further external violence to the scalp.
- Well, if a man's skull or scalp showed that the total surface of the hair bearing part was bruised and contused, giving indication then of multiple blows, is it possible that under those types of circumstances, or that type of circumstance, that the multiple blows could have caused a fracture which had been made to increase in length??
- A It would be reasonable to assume that, if you accept the fact that there were a number of blows to the skull or scalp, and that you had a fracture initially and then by repetitive type of insult to the scalp you would conceivably assume that it was aggravated or the fracture extended.
- Q Could this kind of a fracture be made by the butt of a gun?
- A No reason why not. I mean, it's a blunt instrument.
- Q In all of your reports that you have and that you have seen, doctor, was there any evidence of any alcholic content?
- A None to my knowledge.

- 1 Q All right.
 - A There is attached to the autopsy report here, which is quoted; Results from Crime Laboratory, State of Georgia, dated May 21, 1958, results negative for ethyl alcohol, methyl alcohol and formaldehyde.
 - Q May 21, 1958 is the date of their report?
 - A That is what I have attached to the pathology report by Dr. Webber, which is part of my chart.
 - Q Let me ask you this: what is the longest length of time that alcoholic contents, let's say anywhere from four ounces to eight ounces, would normally remain in the body?
 - A If I can spare you that question, I don't know. I'm not an expert on alcohol. I think Dr. Webber could answer that better than I.
 - Well, just from your general knowledge and experience, one who practices neurological surgery, would you be able to say whether or not if there were alcoholic content in his bloodstream and the patient was in the condition that the reports indicate that this patient was, would it be quite likely that evidences of it would be completely apparent?
 - A I have never taken an alcohol test on any unconscious patient.

MR. HOLLOWELL: I believe that is all, doctor.

1 RECROSS-EXAMINATION 2 By Mr. Bloch: 3 I notice here that it shows the time of his death to be at 10:22 P.M., April 25, 1958. 4 5 A Yes. That is what is recorded here on my chart. 6 See what your progress notes show. 7 I would say that is a typographical error on our part. 8 We thought that he had died on the 26th, and according 9 to Dr. Webber's report it was the 25th. Who is correct, 10 I would rather abide by the pathologist's report. 11 that is easily corrected by checking the nurses' notes. 12 Date of expiration is 10:22, April 25, 1958. 13 One more question, doctor. I just noticed that and wanted Q 14 to clear that up. 15 Thank you, sir. 16 If he was able to walk upright without assistance on 17 April 21, 9:00 A.M., would a trauma preceding that time 18 be likely to have been the cause of the fracture you 19 found? 20 It's possible, but unlikely. Α 21 REDIRECT EXAMINATION 22 By Mr. Hollowell: 23 Doctor, do any of your records give any indication of 24 any accident in which the patient was involved between 25 nine o'clock on the 21st of April '58, and three o'clock

that day?

Not in my records. Unless they are recorded in the hospital records by Dr. Durden, which I have here in front of me. It states here, according to the chart, that he was unconscious when he was admitted and that he had a history of having received blows on or about the head twenty-four hours before admission. And that he was struck on April 20th of 19 -- well, there is no other date. That is all the history that I have got.

(Deposition concluded.)

* * *

I hereby certify that the within and foregoing deposition was taken down as stated in the caption, and the foregoing 29 pages represent a true and correct transcript of the testimony given by said witness; and I further certify that I am not of kin or counsel to the parties to the cause, nor am I in any wise interested in theoutcome of said case.

This, the 17th day of December, 1962.

Carl F. Potswald, Notary Public

arl I. Potowald John P. Couract, Clerk of the United States District Court U.S. District Court Bldg. Americas, Lengia

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