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FROM LAST WEEK.

STIMONY OF DR. B. H. RAND. Cross Examined .- The image of the crystals was thrown up on a collodian plate, by Mr. Gihon, the photographer, in my presence, as they ere in the only one that gives the eight-sided crystubes I have shown this afternoon. Over-tals; mercury sublimes in globules; and an ounce of arsenic has been given, and timony could not have been sublimed doses is very uncertain; I do not think one man in fifty could take three grains of arsenic and recover. There are many cases when large doses have been given and the patient recovered under appropriate treatment. The two antidotes for arsenic most generally used, are hydrate cesqui oxide of iron and

magnesia, not together, but separately. To these are added bland drin s, milk and water, eggs, flour and water, gum and water. After symptoms have to be treated according to the case. It was in the middle of the day, between twelve and one o'clock. I received the box from Mr. Smith and Mr. Maglaughlin; I was at my college office; I opened the box the next day, in my laboratory, where all my chemicals are kept; I got two men out of the dissecting room to cut the matter up for me as it was very offensive, and I didn't care to put my hands in it myself. I emptied it out of the bottles into clean, white dishes; I got the two men to cut it up the same day I opened it; the different parts were kept separate; the liver and sto mach were divided into four parts-the bladder and heart examined as a whole; I treated the whole of them with dilute pure muriatic acid, cold, one in ten, and put them in a warm place to digest; they thus remained until Mr. Shearer's second visit; I think three or four days afterwards; it was standing in the same place in the laboratory; it was under lock and key, no one having access to the laboratory but myself; it was locked with a chain bolt and a lock, so no one could get in but my-elf; I was standing by the side of the two men during the whole time they were engaged in the operation; that putting in muriatic acid was to break down the organic matter, taking away the structure from it. I got the muriatic acid from Mr. Jacoby, an apothecary and chemist,

potash and more muriatic acid, little by little, to burn up the organic mataway as chemically pure

and tested it; I have never found arsenic in any commercial muriatic acid, it is so stated in the books, but I have never seen it; next we add chlorate of I tested every thing I used in the whole course of the analysis; I tested chlorate of potash by boiling down on a strip of copper; I am in error in that; I think the chlorate of potash had been tested on a p evious occasion; tested by Marsh's test, and put tested since 1866; I kept this operation up until the liquid became clear, and of a light-yellow color; I think it was kept up more than one day; I judge by the effect and not the time; I used chlorate of potash from time to time in small quantities, until I was satisfied the effect was produced. The liquid secured was over a quart in bulk, may have been more; I heated it gently until the smell of chlorine no longer appeared; into one portion of the four passed a slow stream of sulphurous acid gas, but did not repeat the operation with the other three; I generated the sulphurous acid cas by the action of sulphuric acid on copper turnings; the acid was some I had in my laboratory; it was chemically pure, and that I had used on several occasions in Marshs' apparatus, and found it to contain no arsenic; I had tested the sulphuric acid, the last course of lectures, the winter before; I don't think I used more than half an ounce of sulphuric acid to produce the sulphurous acid gas; in Marshs' test I used all there modification, and always do; In experimental lectures we hold the lamp under the tube half a minute to a minute, and then if we get no arrenical deposit. we proceed to use acid in Marshs' test. sulphureted hydrogen was passed in a very slow stream through the material now deprived of its organic matterthe purpose being to precipitate the arsenic in the form of sulphide; the sulsulphuerated hydrogen was continued from day to day, until the precipitation was complete, which was ascertained by there being no further precipitate in passing the current of gas through the liquid; the precipitate was collected on a filter, thoroughly washed with distilled water; the whole operation took nearly month. I began in the latter part of May, and completed it about the same day in June, but cannot say the exact number of days the sulphureted hydro gen was passing through the liquid; I should think it was about a week, and it was passing interruptedly, not con tinuously; I generated the gas by the action of sulphuric acid upon sulphide of iron; the gas tests itself, and throws down arsenic in solution, and if there had been any arsenic in the materials, it would have remained behind in the bottle. From the whole stomach there might have been over a quart of liquid obtained; the first and second glasses were pour d together, were put in the same filter and washed, then treated with cold dilute solution of ammonia, the object being to dissolve out the sulphide of arsenic and leave behind the sulphur on the filter. The commercial varieties of all the reagents used in this test are liable to contamination from arsenic; it is not impossible to get sulphuric acid and zinc chemically pure; Bethlehem zinc is pure, and I have had no difficulty in getting pure sulphuric acid; if there had been any cadmium in the liquid it would have gone down lead, bismuth, antimony, mercury, platinum, and others would have been precipitated; tin would have been thrown down; cadmium is the only substance that would have gone into solution when the precipitate was

KIEHL'S TRIAL CONTINUED | in solution that would give a deposit on | ities are Taylor, Tardieu and Wormly copper. Antimony, mercury, platinum bismuth, gold, palladium, would Taylor and Tardieu are the two latest. also give a precipitate upon copper, of It is laid down in Reinch's test that these only a third are volatile by heat- 50,000 part of a grain will give 50 disantimony, arsenic and mercury; of tinct crystals on a field not larger those volatized by heat, arsenic is the than a pin's head. According to the patient rescued—an ounce is 480 at the temperature used by me, and yet the amount of arsenic in the large at the temperature used by me, and yet the amount of arsenic in the large the copper was free from stain; I used paired with stomach. I thought the copper was free from stain; I used paired with stomach. I thought the copper was free from stain; I used paired with stomach. I thought the the temperature of an ordinary small spirit lamp; the stomach was very offensive when I opened it; I put it at once into vessels, treating it with pure muriatic acid, covering it with glass

plates; after filtering the matter thus digested, I found upon the filter, after it was dry, a number of small, shot-like crystalline particles of a yellow color; these must have been sulphide of arsenic, because the only two other metals which give a yellow deposit under such test, are cadmium tin and uranium; uranium is very rare; sulphide of cadmium is soluble in hydro chloric acid; it could not therefore have been that. The question lies then between tin and arsenic, which is decided by the action of hydro chloric acid and chlorate of potassia which rendered soluble the yellow globules, which would not have been the case had they been tin. Reinch's was the only test I made for 'arsenic in the box; Mr. Shearer called to see whether he would be allowed to have another Chemist present when this analysis was made; I said that I had no personal objection, that I should object to having a stranger associated with me in the investigation, because after the experience in the Parmers case, there was danger that an interested person might, by apparent accident, destroy an important portion of the material under operation. I mentioned the names of gentlemen with whom I would be willing to be associated, Prof. Rodgers, Prof. Bridges, Prof. Reese; I also stated that I would require the consent of the District Attorney before I could formally give mine; my recollection is Mr. Shearer returned the next day but two, and stated that he was satisfied to let the matter remain in my hands; to the best of my recollection I had no correspondence with the Dist. Attorney on the subject; when I made the examination I was in uttter igno-

rance what I was going to get; I had a telegraph from Mr. Maglaughlin "will you undertake an analysis in a case of supposed poisoning;" the matter handed to me was very offensive; it made mequitesick; I'd stick at it as long as I could, and then go to the door to get fresh air; I never left the room; I had a case in which no trace of arsenic was found in the stomach, but never had a didn't get into the jail by lying. I am case in which none was found in the John Klehl's cousin; I am not his brother; body; there was no solid substance in Re-examined in Chief .- I have the remains of the box with me; there was writing on the lid of the box, it was to the purport that the dose was a teaspoonful three times a day. In the first place I made no analytical determination of the quantity of arsenic in the liver; the liver is an organ weighing four or five pounds, and the quantity of arsenic in it rarely exceeds a few grains. In destroying this immense mass of organic matter, the arsenic would be likely to be entirely lost, or objection made to the large quantity of extraneous material intro-We can therefore only estimate roughly the quantity found in any case. This rough estimate was made on the following basis: If I take a piece of copper foil 1 square inch in surface, and ntroduce it into a suspected solution, and find that it is coated, and that after

introducing three more such pieces, the last fails to receive a satisfactory coating, I should estimate that the amount of arsenic in that liquid was much less than if I could introduce and similarly coat ten square feet of surface; yet could not tell how much was present in either case. I find by trial in this case that one-fourth of the liver would fairly coat eighty square inches of copper foil. The operation being stopped on the piece now shown (the jury), because it was not sufficiently coated. I think I may fairly say that, as an estimate, one grain was present in the liver, and probably more. My first approximate estimate was two grains in the liver. I afterwards made experiments in coat ing a known surface of copper foil with a known solution, which led me in my report to Mr. Shearer to place it higher. Since then, on reflection and further experimenting, I have concluded that this method of estimating is liable to so much variation from strength of solution, time of immersion, presence or absence of organic matter, that I am not willing to give anything more than the guess, and in order to be entirely within bounds, place it at one grain I have here a portion of the liver analyzed which can be handed to ounsel of defense, if they wish it. I placed a known quantity of arsenic in solution, and immersed in it successive slips of copper, keeping them in until they were thoroughly coated. Then ensured the amount of surface coated when the liquid was exhausted. I let the slips remain in the same time as in my analysis; but I found no two experiments agree, and therefore I place no reliance as a quantitive means of determination. I used the other corob-

orative tests that are usually employed.

I left the copper remain in the liquid

about 15 minutes, but arsenic deposits

more slowly in presence of organic

matter than in a pure liquid. The

quantity of arsenic found would indi

ate that a very large dose of arsenic

had been taken, over ten grains, I

should think. This is not a guess, it is

based on well known facts in medico

legal relation of arsenic. If I had cal-

culated according to highest authority

the amount found in stomach would

Cross Examined.—When the coats on

copper foil are very thin they are vio-

let, when thick, they are steel grey. It

have been two and two-tenth grains.

Marsh's test it is laid down that 50,000 part of a grain will give a distinct coating. By the fact of a greater relaarsenic had been administered some hours or days before death.

TUESDAY MORNING. Court convened at 9 o'clock. MARY DONER, recalled .- The day after that was in Sarah's coffee, John Kiehl came on the porch, and said he was going to town to buy poison for the rats.-He said to Sarah "Shall I go?" She said "I don't care.' Then he went to Shippensburg; he didn't say whether he got t or not, when he came home; nor we didn't see anything of it. I think be had a hoe when he came home; my sister never had any children; Mr. Kiehl owned the property he lived on; I don't know how many acres there are. Cross Examined .- This coffee matter

was in April; I staid till the 9th of April, and this occurred about a week before I came home. I didn't ask him, when he returned, whether he had bought arsenic; he asked Sarah whether he should go.-It was in the forenoon.

SIMON SNYDER-sworn.-I live near Mt. Rock; on Sunday I went in the jail to see Mr. Kiehl. I went up to his cell, and called him three times. He didn't give me no answer. Mr. Henry Waltrick called him, he came to the cell door; then I talked to him; I asked him what he thought of cthis; if he knew what he was in for; he said he didn't; I asked him again if he didn't know what he was in for; he said he didn't, unless they blamed him for poisoning his woman. said then to him "Did you get poison?" He said he did; said he got poison in Carlisle for the rats; I said, "No, John, you didn't get poison for the rats, you go it for your wife, didn't you." He didn't give me no answer, and commenced to ery. I said then to him, "Didn't you get it for your woman." He said "Yes!" I said then "Prepare yourself for the day that comes." I told Mr. Waltrick to come and speak to him. On the road going home, I told Mr. Waltrick that Kiehl

Kiehl was arrested. Cross Examined .- Me and Mr. Walt rick went into the jail together. I told they took down in writing what I told them. Mr. Shearer called on me and ask. ed me what I knew about the case. I refused to tell him. Mr. Wm. Doner sent me down to pump Kiehl; Mr. Doner gave me the horse to come down. I I don't think I told the Sheriff I was John Kiehl's brother or his step-brother; told him when I went in, that he was

my cousin; I didn't tell the Deputy Sheriff I was Kiehl's brother or his step brother. I don't think I told Mr. Waltrick I was Kiehl's brother or step brother. There was nobody close to the cell but me and Mr. Waltrick. I don't think I saw any one standing in the jail by the railing; I didn't tell Mr. Waltrick I wanted to get in to see John on a religious subject ; I didn't tell Mr. Waltrick John was a liar and thief; I didn't tell nim I had been pretty bad once, but had reormed now; I didn't tell Levi Snyder in Plainfield, that the Sheriff and Mr. Waltrick were present when John told me this and I didn't know what I would do if they would go back on me; I don't think I told anybody that; I didn't tell Sheriff, or under Sheriff. or Mr. Waltrick, or Mr. Snyder, anything like that. I don't know Sam'l Skelly; I don't think I am related to the Doners at all. I was living at Plainfield the time I came down to see Kiehl; me and Mr. Waltrick were to gether pretty near all day. I think when we came out we talked together; didn't tell him John would cheat, and lie and steal; I don't think I told Mr. Waltrick John was a bad character where he came from I called John loudenough for me to hear him; the first time I told Mr. Waltrick that John had bought poison, was on the read going home. I said to Jacob Fair that me and Mr. Waltrick went to the cell together. I know the nature of an oath, it means to tell the truth. I don't think I said so to Jacob Fair. I didn't go to the jail for the very purpose of entrapping John Kiehl. Wm. Doner wanted to go in and he couldn't-he said I was to go in. He didn't tell me why he couldn't go in; he said he couldn't go in; he told me that out on his porch the Sunday I came down; he employed me to come down and go in; I went to Doner's on a visit on Saturday evening, and was there all night. I was back and forward at their house; I was not visiting any of nis daughters, there were young women here. It was about one o'clock on Sunday he spoke to me about seeing Kiehl and gave me a horse to come. I got here before Kiehl was brought there. Mr. Doner told me John was to be brought there that day; I do not know that Wm. Doner had been a bitter enemy of John Kiehl; I didn't get anything for coming lown; he didn't promise me anything;

he never promised me anything. He

didn't tell me at what drug store he pought the poison, and I didn't ask him. Re-examined in chief .- Old Mr. Kiehl's irst woman was a cousin of my mother's HENRY WALTRICK, sworn-Mr. Kiehl is a full cousin of mine; Simon Snyder and I went into the jail on the Sabbath Kiehl was arrested. Snyder had started out to Mr. Wm. Doners' before Kiehl was brought in; I called him back; we went down to jail; I hitched my horse at Noaker's tavern. Mr. Smith, the turnkey, left us into the jail; we went up stairs and were directed to the cell by some persons in the hall. Mr. Snyder came to the cell first; he called Mr. Kiehl by his first name, John, three times. Mr. Kiehl did not come to the door. He stepped to the side, and I stepped up and called him once, and he came to the door. I asked him if father had seen him; he said not; I told him he was in Carlisle and wished to see him. Then I stepped back, and Mr. Snyder stepped up and talked to bim. While he was talking to him, Mr. Skelly, of Newburg, was there, and I got into conversation with him.

standing with his side towards Kiehl, and lt; I can't mind whether there was anyhis face turned towards me; the back of thing written or printed on the box. his head was turned towards Kiehl.

Cross Examined - There was a good deal of confusion in the hall; there were five never saw it before. I opened it and or six talking and laughing. There was great confusion owing to Kiehl's just cell I came back; Snycer told me, in said it was the box Sarah had her medi-Kiehl's presence, that he told him, "No, you didn't buy poison for mice or rats, but for your wife;" I do not remember that he gave me Kiehl's answer. Then he stepped back from the cell and told me I should talk to Kiehl if I wished to. speak to the man under the circum-

FREDERICK MENTZER, sworn-I live n Frankford township, about four miles rom where Kiehl's father lives. I have known John Kiehl since before he was married. I had some transaction with he Sheriff; I came to town and went down there, about the middle of June; there was some other folks went into the jail, and I went along; walked around the jail and looked into cells until I came around to where John Kiehl was. I shook hands with him, and asked him how he was; he then said he was well. I then said, is it possible that I find you here? He said it was. I then said, "John, is it true that you bought poison and gave it to your wife?" He said he did buy poison, but didn't give it to her: he bought it for rats. That ended the conversation. I am not related to Kiehl or the Doner family, and have always been on friendly terms with Mr. Kiehl and his family. Cross Examined-I know the Sheriff's father; he was in the Sheriff's office that day; but he was not up stairs. I talked to him. I remember what I said and did He brought the box to Kiehl's that day; I think I was in a condition to house, I took it to Philadelphis a drink, and I think the Sheriff drank | writing on the top of the lid-1 teaspoon along. I was sober enough to do the busi- ful three times a day, written in ink. I the forenoon; can't tell what time. I thing put in it. It was in a drawer in said he had got poison. This was the day

Mr. Sadler what I knew about this case; | count. I don't remember where I stopped that day. I do pass a tavern without able length of time. I got it about 22d taking a drink. tion with Kiehl; I had bailed Leeds, and

> went to see him about it. MRS. ANN DONER ,sworn-I am mother Wednesday, during her last sickness. I Mr. Kiehl that I found nothing against would fall open, and I shut it and put it n my pocket. I gave it to my husband, John Doner. I never put anything, nor saw anything put in it.

Cross Examined-I went there between eleven and twelve o'clock; I got the box Thursday morning; it was standing in the kitchen cupboard. The cupboard has a door; it was not locked. I thought it was an empty box, but there was a little bit of white or yellowish powder around the edges like. I didn't try to get any of the powder off. I shut the box and put it in my pocket, I can't tell whether there were any other medicines standing, any vials or dishes. I don't remember whether there were any other boxes there or not. I don't mind of any label on the box; I can't tell, don't mind that there was any writing on the box. I don't renember that there was anything on the box; I had it in my hand, but I didn't examine that particular. I opened and ooked in it. I just looked in the cupoard to see whether the box was there I don't remember what was in the cupboard; I heard them talking there was suspicion; they talked about the box, and I went there to hunt it; it was no my business to examine the cupboard. I didn't look any where else for boxes. knew it was the box Mrs. Kiehl had a our house. My daughter knowed it; I knowed it was the box; I saw what was in the box when she had it at our house; it wasn't altogether white, it was whitish. The box was full when she opened and showed it to me. She came to our house on Sunday evening, and left on Monday after dinner, and went home. When I came to her house, there was little black pills, and powders left. I gave her powders; they were in papers. I don't remember the color of the papers. I can't just tell whetner sne vomited after taking the powders I gave her; I can't tell whether she throwed up directly after she had the medicine, but she throwed up after that. She throwed up violently sometimes shortly after taking medi ine, and sometimes not. My brothern-law, David Waltrick, took me there. John Kiehl was at home when I went there. He went to town once I knew of; I can't remember what he went to town for. I don't remember whether he was at home; I had enough to do with myself and my daughter. I gave the box to John Doner on Thursday morning. I seen the box afterwards at home in the cupboard at our house. I don't remember how long it was there; I don't believe in witches. There was never a calf killed at our house because it was bewitched. I pushed John away from his wife—she fainted.

JOHN DONER, sworn-I got a box like that on Thursday after we went up to Kiehl's. She gave it to me in Klehl's cuphoard at our house. On the 21st May I gave the box to Mr. Sadler; I wrapped a newspaper around it and gave it to Mr. Sadler at Kiehl's. I never put anything in it, or saw anything put in it. Mary and Ann, Emanuel, Sam'i and my wife and myself were all that were at our house. Cross Examined,-I have been on bad terms with John Kiehl since his marriage. He didn't offer to put my horseaway the day I came to his house. I didn't swear at him and say I'd knock him down, if he touched my horse; I didn't make any threats against him. I didn't tell any-

der told me he accused Mr. Kiehl of buy- at David Waltrick's that if John Kiehl ing poison; he said Kiehl first denied wasn't convicted, it would lose me my it, but afterwards acknowledged he had farm. I put this box in the cupboard bought poison for mice or rats, Kiehl when I went home; it was on was then standing just inside his cell, May 11th. I took it out on Monday of with his mouth to the door. Snyder was standing on the steps, leading into the 22d. I showed the box to nobody. Dacell, with his face turned half around. vid Waltrick never saw the box at my Their faces were 18 or 20 inches apart. house. The cupboard was not locked.-Snyder had to speak a little louder than There were books and papers, and notions commonly, for me to hear, on account in the cupbcard. I never thought about of the confusion in the hall; Snyder was | the box until they told me I should fetch

MARY DONER, Re-called-I saw the box father brought, in the cupboard. I looked in it, but never put anything in it, and never saw anybody put anything oming. When I came out of Skelly's in it; I asked what box it was, and they

ANN DONER, Recalled-I saw the box father brought from Shippensburg,in the cupboard at home; I opened it, I didn't put anything in it, or never saw anybody eise put anything in it. She and I told him I didn't wish to; I hated to I were in Carlisle when she got that medicine. That was two weeks before she died. Dr. Bixler gave her the medicine. I dont remember whether she got the box from Dr. Bixler. I was with her at Dr. Bixler's office. I don't remember whether there was any directions on the box. I do not remember whether there was any writing or printing on the box. The powders from Dr. Bixler were in a box.

SAM'L DONER, recalled-I seen the box father brought, in the cupboard; I took nothing out, and put nothing in; nor did I see anybody put anything in. I rather think there was something wrote on the top of the box; I think there was written on "every three hours, a half teaspoon-

EM ANUEL E. DONRR, sworn-I am the brother of Mrs. Kiehl. I saw the box father brought from Kiehl's. I did not put anything in it, nor see anybody else put anything in it.

W. F. SADLER, Esq., sworn-Mr. Doner called at my office, some days after his daughter was buried, told me there was a suspected case of poisoning. remember; the Sheriff's father and I had and handed it to Dr. Rand. There was ness I had to do. This was some time in did not put anything in it or see anycame to town pretty early; I couldn't my office desk; at the rear end of the filled. tell how many drinks I took before I drawer under some papers. It was not went to the jail; I didn't keep any ac-

Cross Examined .- I had it a consider-May. I kept it until not very long before Re-examined in chief-I have a clear | August court. We went to Kiehl's and distinct recollection of the conversa- to see if there was evidence to justify us in sending the remains to Philadelthe Sheriff served the notice on me. I phia, to have them analyzed. I didn't tell Mr. Shearer I was going. I was determined when we left there not to of Mrs. Kiehl; I went to her house on prosecute the suit. I may have said to package which I have now in my after the post mortem examination, and before the chemical analysis, and before we heard of Kiehl's declaration of having bought poison.

C. E. MAGLAUGHLIN, Esq., sworn.received a box, similar to that one, from Mr. Sadler. There was some writing upon the lid. My impression is it was "one-half teaspoonful, three times a day." Upon receiving the box from Mr. Sadler, I put it in my paper case, and locked it up. It was there until I gave it back to him. I may have taken it and shown it to Mr. Horn, a druggist in town, but didn't leave it in his possession. I gave it to Mr. Sadler just before he went to Philadelphia, after the August court, think. On the day Mr. Sadler and I were at Mr. Kiehl's, in company with Mr.s Deeds, who was keeping house for Kiehl, I went up stairs, and examined the bureau, we found there several boxes, and a chest which was pointed out to me as Mr. Kiehl's chest. The chest had a small compartment, with a little lid to raise. In that were some shaving utensils, some other little articles, and a yellow paper tied around with a string, which, upon opening, found to contain a considerable quanti ty of a brownish colored powder. took possession of the paper, brought i home with me, locked it up in my paer case; it remained there until las Saturday, when I delivered it to Mr. Horn, a druggist in Carlisle, to be analyzed; I hunted in the bureau and chest; the paper was nearly the size of the sand box. JONATHAN HOFFMAN, sworn.-I live

in Southampton township; I saw her on Sunday afternoon before she took sick; she seemed to be in as good health as I had seen her for some time. The next time I saw her she was on her bed, on Thursday afternoon. She appeared to be very sick. On Friday norning when I was going away, Kiehl called me around the corner of the house; he asked me whether I heard whether any of them was going to push this report that was out. I let on I didn't know anything about it. On Saturday, after the funeral, he asked me to stay and take some supper with him. I staid for him, and when I left to go home, he walked with me out as far as the barn. He asked me whether I heard that the Doners were going to push this talk that was out. Then I let on as if I didn't know anything about it. He said that him and some of the rest had talked of pushing it themselves, and agreed to say no more house. When she handed it to me I about it, and he was satisfied. I said opened it; there was something in it there was a talk up, which he said there around the edge. I put the box in the was. I told him if I was in hisplace, and wasn't guilty, I would push it myself right away. He made no reply to that. He said he hoped there would be some friends so good as to tell him about it.

> thirty acres. I understood he was to get \$1,000 for it. Cross Examined .- I do not know that Kiehl was a good deal indebted. I told him I hadn't heard anything about it. I had heard some little talk about it. DR. J. R. BIXLER, sworn.-I reside in Carlisle; am practicing medicine. I

Kiehl owned his place; there was near

gave her medicine; rochelle salts; a and Kiehl were working for us. Kate throwing her arms about. Thursday white powder. I put it into a box she had with her. There were directions on the box. I believe it was "take half a teaspoonful three times a day." I believe the directions had been on the box before. I didn't alter the amount of dose. The medicine was to be taken same way. I gave her a solution of citrate of iron. I am certain it was rechelle salts I gave her. Cross Examined. -I was attending to

Dr. Zitzer's office at the time. He was

absent. She came into the office; there was a gentleman and another lady with her. She enquired for Dr. Zitzer; I told her he was not at home. I was attending in his place. I asked her to walk into the consulting office. I made neart, some headache. I don't remember that she complained of any disease peculiar to ladies. She had some indigestion. I don't remember any other symptoms. I don't remember that she asked for the same medicine Dr. Zitzer gave her. She came back after going to hotel, and said she had tasted the medicine, and it didn't taste like that Dr. Zitzer gave her. I do not remember telling her I had put something in it to disguise the taste. I don't remember of anything else occurring.

The powder was white. Dr. Zitzer and I have been doing business for nearly five years. I had an office of my own, but was at Dr. Zitzer's office nearly every day. She said she was getting along very well on what she had taken, and I should give her as nearly like that as I could. I made the powder fine before I gave it to her. I took the medicine from the place we keep our rochelle salts; rohelle salts dissolve in water.

Re-Examined in Chief .- In Dr. Zitzer's office, we kept our arsenic under lock and key. We had a very small amount on hand-there was not much in a vial. We hadn't as much as would fill a box of that size. I used a grain or so of arsenic during Dr. Zitzer's absence. I pelieve he left for California on 24th of April; he returned in June sometime, I got the medicine I gave Mrs. Kiehl from a drawer down beside the counter. The powder was put loose in the box. There was a little white powder in the

oox when she brought it to me to be

W. F. Hopn, sworn.-I reside at 76 Scuth street. I follow the drug busiwhenever I desired. After graduating, Analytical Chemist at the Iron Masters laboratory in Philadelphia. I was there several months. I received a analyzed some reddish fragments of crystals, and satisfied myself that they

were crystals of some chromate. I reserved a portion of crystals to show to the court if necessary. I have them with me. I also brought with me a crystal of bi-chromate of potash, taken from the store, which the jury can compare with the crystals obtained. The others I consumed in making my analysis The determination of my analysis was that chromic acid was present in some form-either as bi-chromate or chromate. I believe from the color, and a test which I made, it to be a bi-chromate. I did not test it for potash. It has all the physical appearance of bichromate of potash. As a matter of experience I can say nothing for their medical properties. Bi-chromate of notash is a violent poison. It would b lifficult to say what would be the tast of bi-chromate of potash. The package has all the physical appearances, and chemical, as far as I have tested it, of an ink powder. I found upon dissolving it thoroughly in water that it gave me a deep blue-black color. These three tubes contain the results of my analysis, in testing for chromic acid, by the silver test, the lead test and the Bareter test.

Cross Examined .- I do not undertake to say that this is chromate of potash. Chromic acid is the poisonous part of the compound. There was an organic substance in it which, by its 'physical appearance, I judged to be extract of logwood. I couldn't say whether the compound as it was handed me was noisonous. I put up ink powders, of bi-chromate of potash and extract logwood, and also a small portion of yellow prussiate of potash. I sold the ink owlers I made to a one-armed CHRISTOPHER MELLINGER, sworn

I live a mile and a half from John Kiehl. (knew him and his wife. I saw her wo weeks before her last sickness. I have seen John Kiehl and Kate Myers together in the public road, in his buggy, about fourteen months agothe latter part of August—on the road leading from the ridge to Shippensburg, about a mile from Kiehl's place. He had his arms around her neck; driving with his right hand. It was about six o'clock in the evening; it was daylight. B. F. MILLER, sworn.-I live half a mile from John Kiehl; am a farmer; Kate Myers worked for me; John Kiehl too, in September, 1870. After meals, he went out at the front door, Kate going out at the back door, meet ing together and having a conversation to themselves. They would remain to gether probably ten minutes. In the evening also he would remain some time, the two being together. They would be handy to the house, at the well. One evening he staid there about an hour. I got his horse for him after dusk. I held his horse for twenty minutes, waiting for him. Him and Kate was at the well. He worked there three days. After he left he came back to the house twice for her before she-

shapty.

was there over three weeks. The well May 11, found by physician with great is outside of the yard, about four rods oppression of breathing intense burning from the house. Kate was taking care in the throat great difficulty of swallowof my daughter, who had a child at

MRS. MARTHA MILLER, sworn. reside in Southampton township, half mile from Kiehl's, I know John Kiehl and Kate Myers. John worked or us while Kate lived there. After their meals, John and Kate were always together. Kate was there three weeks. After meals she would go out the back door and John out of the front door, and they would meet at the shanty. He would stay three quarters of an hour or so. When he came past with wood she would go down to well an examination. She complained of to meet him. He would go into the weakness, had some palpitation of the shanty and sit with her. He staid there one night as late as eleven o'clock. He was with Kate, out of doors. I didn't go out to look where they were. He

came there when Kate was milking, and gave her some peaches through the fence. "He sat at one side of the table and she at end. She took her plate and went around beside John and hunched

Cross Examined .- I could not hear what they were saying at the pump. Once he was there in the evening, after he was working there. Mrs. Kiehl had tetter on her hands. The shanty is our cook house. We eat there in the summer time. Kate told me she had promised to go to Kiehl's before she came to me; my daughter was married, and Kate came to take care of her; I was up stairs; my daughter was down stairs. MARY BROWN, sworn.-I know John Kiehi when I see him; know Kate My ers; saw them together one time going | blood vesself the stomach and bowels past my house, along the road, in a buggy; this was in March last; he had his arm around her waist; it was in the af-

ternoon on a Saturday. Cross Examined.—They were going to Shippensburg; it was a very pleasant hue, with deered and yellowish interday; they were in a buggy; the top was up; I was on the porch; they didn't speak to me; Kate was sitting on the side next me; I live on the left hand side of the road going to town.

ERASTUS MCKINNEY, sworn.—Reside in Southampton township; know John Kiehl and Kate Myers; saw them on the oad passing my place, in the fall of 1870; he had his arm passed around over her shoulder; she had her arm around him; nally unusuy dark and of a greenish

this was towards sundown. B. F. STOVER, sworn.—I know John | was partialimpty and had a somewhat Kiehl by sight; I overtook Mr. Kiehl at shriveled ap,rance-marked inflammaness in Carlisle. I spent four years Burd's Run below Shippensburg. We tion extendialong the entire course of under Dr. Himes-two years of the time | were each on horseback; It was on Tuesas an assistant, had full access to the day or Wednesday before his wife died; laboratory, so I could enter and work Mr. Kiehl told me his wife was sick, and be had been very unfortunate since he inches in face. The inflammation I held the position of quantative had been at that place; had a horse stolen from him, and his wife had been sick for some time, and if things didn't soon get better, he would seil his property and yellowish a purplish gargrenous hue, leave that part of the country. He said more mark however on the mucous possession about 9 o'clock on Saturday be couldn't get a girl but Kate Myers and coat. The bels were entirely free from Wednesday, during her last sickness. 1 Mr. Kiehl that I found nothing against took a wooden box like that from the his son. I was not in any room but night last. The color of the package cuphoard. I opened it to see whether it from room of house. This was just was reddish brown. I isolated and go and plant corn a few days in her place. He said he had her before and wanted her again. He said she was the best ousekeeper he ever had. Cross Examined.—Kiehl seemed a good

deal distressed that day, after we rode together a little piece.

B. K. GOODYEAR, sworn-I am deputy Sheriff of Cumberland county. I arrested John Kiehl. He seemed to dread going to jail a good deal. I told him there vas nothing so terrible in going to jail, If he was innocent; and if he had given his wife no poison, they would not be likely to find any at the anaylsis. He then just made this remark: "My God! | evidently exgenital or nature, there besuppose some one else gave her poison." I told him that would be a little rough on him, if he couldn't make it appear he did | The blood assels slightly turge but no not give it to her. I introduced the subject of the poison.

SAM'L A. DONER, Recalled-My sister was thirty-two years and three months old when she died. Commonwealth's attorneys then proposed to put the following hypothetical

A woman, aged thirty two years, who had been married for nearly eight years. but who had borne no children, who had been for some time indisposed and taken medicine, complaining of some headache, grain of asenic found in the mach, a some indigestion and some palpitation of he heart, but who was able to do her thousehold work, washing, baking, garlening, scrubbing, some times attending to the stock at the barn; on Sunday May 7th breakfasted on sausage and pie, for dinner ate cream cake; after dinner walked to a neighber's house, one quarter of a mile distant. remaining there several hours, was lively, looked well and felt much better, walked home again and in the evening of that day, after taking a powder, was seized with violent vomiting, great pain, described by her as irawing her almost double. On Monday May 8th, seep sitting with her head esting on her hands, apparently sick; on he evening of that day found in bed, very sick; another powder administered to her was followed by burning in her throat, she complained of burning up, followed by vomiting several times in the course of an hour thereafter, great pain in the stomach, the vomiting straining her, color of the vomit green, complaining of her heart beating. On Tues day May 9 in morning found lying on the floor, with burning in her throat, dizziness, complaining of her eyesight, with difficulty of breathing, vomiting and purging, the nature of the purging being green slime, offensive; in the afternoon of the same day found by the physician called in, with quick, irritable pulse, almost indistinct at times, the tongue dry, coated and swollen, great tenderness in by counsel, in the form of suppous the region of the stomach, burning sensation in stomach extending up to throat, the extremities cold, covered with clammy perspiration, disposition to faint or woon when the head was elevated, violent vomiting and purging, the matter vomited being a yellowish brown fluid. mixed with mucous. On Wednesday morning May 10 found again by the phy sician in the same condition as on the day before, and during this day suffering with burning like fire from stomach to chin, great thirst, objects appearing dark and quivering before her eyes, vomiting went to his place. When he came he when drink was given her, with a diswould be with Kate, generally in the tressed, anxious look, vomit green colored, black like coffee grounds at bottom mined by the preliminary test: Reinch's are in any case. The science of poison | ing this time Snyder was talking to | uony tuat John Alem must be convicted | a mile to Myers' from my house. Kate | plaining of smothering restless and | lowed a poisonous dose or doses of resters; arsenic is not the only substance | is called toxicology. The latest author- | Kiehl; as I was passing Kiehl's cell, Sny- | whether innocent or guilty; I didn't say | Dr. Zitzer's office, on 1st May last. I | a mile to Myers' from my house. Kate | plaining of smothering restless and | lowed a poisonous dose or doses of restless.

ing; an almost entire suppression of the urinary secretions, throwing up any liquid taken into the stomach, growing weaker and dying on the night of Thurs-. day May 11, t 3 o'clock; buried on Satur-

day, May 13th, was exhumed Saturday May 20 and pat mortem examination held revealing the following facts: Her body... was full, the kin was of a purplish hue, very much mothed with greenish tints here and there appoints; the bloodvessels immediately under the skin, especially over the chest ad arms were patulousand were much iscolored. The abdomen was very mun distended but not extensively so; the ees seemed protuberant, there was considerble purging of sanious matter, that is hif blood, from mouth and lips; the courenance looked natural except the protriion of the eyes, the lips were purple, ith, however, a deep red tint. Therewas swelling on either side of the neck just below the ears, with softening idicating rapid decom-

position. An inision was made from the breast bone to the pubes, down to the peritoneal ac, down to the lower part of the atomen. The peritoneal sac carefully inctured by means of a small knife, ad a very small quantity of offensive gi escaped. Two incisions carried on eithr side, the one along the edge of the libs-the other along the spine of the tum. The transverse colon

was distende with gas, but empty. The extern surface of the omentum was dry, al looked as if it had been pressed by apft towel, and all the moisture lapped at. The transverse colon al so had a veryongested appearance. The were unusual large. The stomach and bowels were so unusually dry in their appearance, at the blood vessels very much congest. The bowels and stomach were alsiliscolored of a purplish vening space The blood vessels in the peritoneum seared natural. The external appearanof the organs of the chest was healthy The heart seemed natural, but on hanng, the muscular fibres were flaccie It flattened right down when you d it down-the heart wa empty—thengs healthy, except slights ly congested The liver was natural in size, free froorganic lesion, but extertint. The g bladder seemed natural, uniform, bun patches from 1 of an inch square arge stripes seven to eight consists of gestion of the blood vessels of the ernal and internal coats alike, and inlor from a light pink to a small quant of fluid. This fluid was of a yellow, darkish character. The kidneys, paicas and splean were found healthy. T genital organs and blad-

the ovaries, d then dissetting out the womb, the bad ligament the vagina, the bladder, ad the internal labial removed togetir. The genita and urinary organs were ealthy, except that there was a flacelcy of the musc lar fibres of the bladder. There was in chlargement, however, of le fallopian tibe being more than ten ties its naturald meter, but ing no evidice of disease abot it. The membraness the brain wer healthy. marks of inammation; the surse of the brain looke natural; several insverse sections though its lobes bein made, and no mrks or evidences odisease found. The condition of the lod was dark and flid, and absence of sill from the cavity (the abdomen. Therinary bladder, stmach, and a piece offe small intestine abut three inches idength, the liver with the unopened gabladder attached, aid the heart were imitted to chemica analysis and more an one quantity o'arsenic estimated atagrain found in the liver, and arsenicaposits given outby the intestines an adder.

der removedrefully, by first dissecting

the fold of t peritoneum which covers

of death? To which the defendant's orneys biected as follows: The hypothetical case is objet to by

State what in your opinion was cause

defendant's counsel, as follows ਵੀ 1st. That the system of hypetical cases, in a charge of murder, is ing in itself, and only calculated to talke life of the defendant on a class of nions formed to sustain particular thes.

2d. That a hypothetical casemmer as absolutely true every thingerted therein, and as containing thehole truth of the case, and it is unfaia defendant to have opinions exped by medical experts on assumed facthick may or may not be true; and loh a slight shade of coloring in the lasge, different from the testimony, myork great prejudice to the defendant,

3d. The experts assume the du! the jury, and are called upon to define acts peculiarly the province of jury to determine.

4th. This case incorporates post mortem examination (as far as les,) of Dr. Kieffer alone, and not of Drigsdorf who assisted him.

5th. The defendant should be i by the simple facts of the case in evce; and not by the machinery manusred cases, which may easily be decep 6th. That there is no authority ting a hypothetical case in the i of

the one now presented. 7th. A hypothetical case, if a;d, should contain nothing but the p

8th. It should not refer to thet

9th. It should not refer to the cha analysis. The objection overruled, and the

tion asked. DR. S. B. KIEFFER, recalled-(71) nothetical case read to witness at his request a portion of it was readar) From the indications of that case il tient must have died from having !-