This extraclinary pla tograph—the first selenium-snaared picture ever published in Melford—Shows Benjamin F. Miessner, surprised by his own burglar-catcher. Miessner was on the darkened stage before a moding of the Chicago Electric club. When the flash light in his band hit the selen-

ium cell—the small white object on the standard at left—a gan was fired, a flash of powder went off, bells rang, and the carren took this picture.

screen projecting between the eyes, which prevents light talling on both

SELENIUM IS "MAGIC EYE" WHICH "SEES" HUNDREDS OF MILES; CONTROLS TORPEDOES BELGIANS PROTEST

YOUNG SCIENTIST PREDICTS MARVELOUS RESULTS FROM EXPERIMENTATIONS WITH SELENIUM: POINTS TO "ELECTRIC DOG" AS MINOR EXAMPLE Below, Miessener drawing his electric deg toward him with a picket clear tric lamp. The carries setentian eyes are located behind two glass bures, in vacuum tubes whose toes form the dog's cars in this picture. His uses is OF ITS POSSIBILITIES

(By Kenneth W. Payne.) La Fayette, Ind., March 5.

After seeing young Benjamin Franklin Miessner's "electric dog"-a small glass-eyed box on three wheelsactually pursue his master about the room; after hearing Miessner predict that in time men in San Francisco will be able to witness a prize fight in Australia; after seeing a flattened bullet with which Miessner nearly killed himself while perfecting a magic "thief catcher"; after hearing him say that right now be could guide an absolutely unmanned Zeppelin from a boat in the English channel on a raid over coast towns; and after-

Well naturally after all this voyage into the land of miracles, one is too thrilled and dazed to know how to betin writing a story in a conservative.

Yet this story must be told, for it concerns some extraordinary experiments with the element selenium, which are taking place right under our noses in America today, and about which, in spite of their vast significance, only a few scientists know anything at all as yet. Let's begin at the beginning, with selenium.

"It's one of the elements," Miessner explained. "It comes in bluishgray sticks which look like sealing wax; and it costs about \$3 an ounce. Selentum has the peculiar property of changing its electrical resistance when influenced by light. That's the simple secret of all the weird things

that scientists are doing with it." Miessner is only 25 years old now, a graduate of the Huntingburg. Ind., high school, and of Uncle Sam's navy. After serving three years in of her mother and father. She testithe radio-telegraphic department of the navy, he worked for two years with i John Hays Hammond. Jr., at the interesting job of steering deserted ships Hubbard, the purport being that the all over Gloucester harbor from a wireless station on shore.

Now Miesener is studying for a degree at Purdue University-and incidentally telling his learned professors a few things about radio-telegraphy and electrical engineering which they never heard before.

His Electric Pog

Hustrate his experiments. flashlight. As soon as the light of me again. Meissner called his electric dog. From an electric flash bethrew a bright light in the dog's goggly eyes, and the strange object at once ambled obediently out toward his master. Miessner tried it out before a meet-Wherever Miessner went about the room with that light the dog pa- recently, and nearly frightened the tiently followed, as inexorably compelled as the moth by the flame.

The electric dog has two cells of selenium, one behind each of those glass eyes," explained Miessner. "When I throw the light upon him. If it falls upon either eye it reduces the electrical resistance of the selen- blind. When he was refuting the altum, as I explained before and an legation that he was drunk, the cord electrical current is allowed to pass slipped from his hand and the blind day. He produced an affidavit of through, starting the motor which went up with a crash. Van Dyke was turns the dog's wheels. He begins ordered remanded to the custody of to advance. But if the light comes the sheriff until sober, when he will n the right, say, it hits only the be recalled. right eye, because of the projecting screen between the eye, then the current passes through that eye only and not through the other. An arrangement of batteries and electromegnets then pulls the little rear wheel to the right and that turns the dog straight toward the light, whereupon it shines in the other eye also, and the current passing through this eye charges an electro-magnet which pulls the little wheel, or rudder, straight again. So you understand. wherever the dog sees a light, he simply has to go.

"Now we can make our electric dog into a 'dog of war.' By simply readjusting the mechanism, the two selenium eyes can be made to pursue a dark object amid light surroundings. Suppose a torpedo fitted with such apparatus were launched from shore on a bright day toward an attacking fleet. The battleships would stand up as the only dark objects against the bright sky, and the torpedo would ble and unescapable precision.

"A change in the mechanism makes not swear positively that such was It possible to drive your electric dog. or torpedo, or Zeppelin, away from brance. you, by prodding it behind with a searchlight, instead of pulling it to-

Miessner threw over a switch on hat with a violet plume, was one of his electric dog, and then when he the best witnesses of the day, though flashed the light on the bulging eyes the dog promptly, almost fearfully backed away.

The marvelous seeing-at-a-distance projects of which Miessner talks, are based also on the light sensiviivity of scientum, the "magic eye." The apparatus consists roughly of a great "compound eye," composed of some ten thousand selenium cells, each cell connected with a similarly situated glow-lamp on the receiving apparatus. The selenium cells are unequally illuminated by the light which falls on them from the objects within their range of vision; thus allowing currents of varying strength to pass through, they will light their respective glow lamps in exact reproduction of the light and shadow of the phjects before them.

"By a somewhat similar apparatus, photographs have actually been transmitted by wire from Monte Carlo to Paris, and published in the papers,' Miessner commented.

The selenium thief-catcher invented by Miessner consists of a selenium

indefinite as to dates and somewhat search, and this brought out a ruling cried. Martin also wept in sympathy contradictory when compared to that by the court, holding that the valid- He stated that Habbard afterwards fied that Martin made threa's against defendant would kill him.

the burglar's dark lantern hits the

selenium eye, the whole array of

noise makers go off in one grand

hubub. The thing's practical, because

ing of the Electric club, in Chicago.

club out of its wits, besides taking a

TWO WOMEN FOLLOW TRIAL

(Conttinued from Page 1.)

Neighborhood Row Aaired

Mrs. Mandy Poole, wife of Andy

Poole, was rebuked by the court for

her manner of testifying, replying to

the ques'ions of Attorney Reames

Other Witnesses Heard

Lung Trouble Yielden

to This Medicine

If you are suffering with serious lung trouble, it will pay to fully investigate Eckman's Alterative, a remedy which has caused many recoveries. One follows!—

S223 Girard Ave., Phila., Pa.

"Geatlement—in the winter of 1803 I had an attack of Grippe, fallowed by I neumonia, and later by Lung Trouble. In the winter of 1804 I had a cough, night sweath fever and raised quantities of awfullooking stuff, and inter I had many hemorranges, at one time three in three successive days. Three physicians treated me. I was ordered to the mountains, but did not go. Ferkman's Alfernite was recommended by a friend. After taking a small quantity I had the first quiet night sweath aleep for weeks. My improvement was marked from the first, I galred attength and weight and appetite I never had matches be reaching a not my cough gradually lessened until entirely kone. I am perfectly well," (Abbreviated.)

Affidaviti ANNIE F. Lough MAN Eckman's Alfernias is reast efficacious in bromehial controls and up-buildies the western Coulation on harmful or habit forming drugs Accent no substitute. Simil was 51 regular size \$2. Sold by leading drugstats. Write for booklet of recover ex.

Eckman I shorefory. Philadelphia.

Price \$1 and \$2 a Bottle.

very good photograph of himself.

Boyd Tucker, Henry Morgan and lieved it valid, and Martin knew not to arrest Martin also, Robert Dawson, who worked on an ir- of it. Technical points involving the | C. Fisher of Engie Point told how rigation ditch with Martin, all testi-fied they heard the prisoner say; "I by the defense. The coars held that cell with guns, bells, a camera and don't think Hubbard will ever bother if Martin had reason, based upon the catch him for shooting deer and how

unless it is situated directly in front.

"Would Get Hubbard"

Fred Middlebusher, a 14-year-old boy, testified that one Sunday morning while talking with Martin in the road the latter told him that he would people were not friendly with Martin's relatives, but denied that it included Loris. The bad feeling began over a change in postmasters a couple of him for having deer meat in his nos- an expression was again made. years ago, in which Martin is said to session, at the time his wife was ill. have played an important part.

Justice of the Peace Glenn O. Tayor, who issued the sturch warrant to Hubbard, was the last witness of the

STOMACH MISERY

with feminine vigor. She testified to hearing threats made by Martin in Do some foods you eat hit backthe presence of her husband and daughter. She denied that she enter- taste good, but work badly; ferment tained any ill will towards the de- into stubborn lumps and cause a sick, fendant or his relatives. The social sour, gassy stomach? Now, Mr. or line at Trail has been set askew by Mrs. Dyspeptic, fot this down: Pape's the trial. Neighborhood gossip con- Diapepsin digests everything leaving cerning slander directed against Mrs. nothing to sour and upact you. There Poole's daughter Violet, also figured never was anything so safely quick. in the testimony, the witness admit- so certainly efective. No difference ting that a petition refuting the slan- how badly your stomach is disder had been circulated, but denying ordered, you will get happy relief that it had been presented to Martin in five minutes, but what pleases you for his signature. Some of the Trail most is that it strengthens and reguresidents signed it, but some did not. lates your stomach so that you can eat you favorite foods without fear.

Most remedies give you relief Coroner John A. Peri, who testified sometimes—they are slow, but not at the morning trial that when the sure. "Pape's Diapepsin" is quick, body of Hubbard was brought to positive and puts your stomach in a head straight for them with infalli- Medford a glove was on the right healthy condition so that misery hand, was recalled, and said he could won't come back.

You feel different as soon as he case, though it was his remem-"Pape's" Diapepsin comes in contact with the stomach—distress just van-Violet Poole, a girl of 18 years, re-ishes—your stomach gets sweet, no cently returned from Seattle wearing gases, no erucations of undigested a neat tailor suit and a red velvet food, your head clears and you feel a neat tailor suit and a red velvet food, your head clears and you feel

> Go now, make the best investment you ever made, by getting a large 50cent case of Pape's Diapepsin from to This Medicine any drug store. Pou realize in five minutes how needless it is to suffer from indigestion dyspepsia or any stomach disorder.-Adv

E. M. F. Studebaker Auto, 1911 Model

IN GOOD RUNNING ORDER **NEW REAR TIRES**

\$250

Crater Lake Motor Car Co.

GERMAN SEIZURE CREATOR OF SELLENIUM EYE SNAPPED BY HIS OWN INVENTION BELGIAN PLANTS Reason it Out, Where Does it Start the Mucus From?

> WASHINGTON, March 5 .- The Belgian legation issued today a formal statement announcing the protest of the federation of Belgian steel and iron manufacturers to the German governor general in Belgium against the seigure of more than \$3,-000,000 worth of machinery which.

that tools and machinery, if private

Freckle-Face

the contention being that Hubbard be- bard had told him that he intended Now Is the Time to Get Rid of Thos Ugly Spots.

Do you know how easy it is to rewill call you freekle-face?

actions of Hubbard, to believe he was Hubbard had tried to secure evidence in danger of his life, then there was against him and failed. He stated double strength, from your druga basis for a plea of self-defense. that he and Hubbard were friendly gist, and a few applications should Attorney Reames was overruled in and that he always joshed Hubbard show you how easy it is to rid yourhis plea to have the search warrant about his efforts. Hubbard had told self of freekles and get a beautiful him he in ended to eatch Martin and complexion. The sun and winds of February and March have a strong "get Hubbard." He testified that his STATE RESTS IN MARTIN CASE A demonstration by the crowd dur. tendency to bring out freckles, and ing Pence's cross-examination by as a result more othine is sold in Prosecutor Kelly resulted in a threat these months. Be sure to ask for by the court to clear the room if such the double strength othine, as this is sold under guarantee of money back if it fails to remove the freck-During the recital he broke down and With Madford trade is Mediord made | les .- Adv.

property, can never ze seized in an occupied country."

To Cure Catarrh **Purify the Blood**



against the seizure of more than \$5.000,000 worth of machinery which, the statement declares, was taken in violation of the Fourth Hague convention. The announcement states that the German action "practically pullifies the efforts," which Belgian industries are making to resume their activities. The German authorities are further accused of exporting raw material from Belgium into Germany.

"It is easy to understand that such measures practically nullify the efforts made in industrial circles to resume work in the Belgian plants and thus save from starvation many hundreds of thousands of workmen and their families," says the legation statement. "Besides it will geriously hamper the resumption of work when the war is over.

"The Belgian government strongly protests against these measures which constitute a clear violation of article 53 of the regulations annexed to the IV Hague convention, which provides that tools and machinery, if private

FIGURES

with rubber tires, auto wheels or bodies built or repaired, or any kind of wagon work done it will pay you to

BILLINGS Wagon Carriage and **Auto Works**

He has had 22 year's experience in his line and guarantes his work,

Corner Riverside and Eighth

New Spring Apparel In Great Profusion **NEW NECKWEAR**

NEW VEILS

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Save Money Saturday.

Clark's O. N. T. Spool Cot-

Colgate's Talcum Powder.

Hair Ribbon, all colors and

25e cans.

yard.

Saturday, can...

Sans Silk, ball.

Lustre Cotton and

widths, Saturday,

special, each.....

New Waist Cords, 1

7 for 25c

Saturday at, 69c each.

and affidavit barred.

(Continued from page five)

JUST RECEIVED
A beautiful new line of
Made-Up Veils on sale THE WOMEN'S STORE

BUY YOUR NEW SUIT NOW ask \$25 for, our price.

ed by the defense, was not per ment, and had been friendly since. Hub-

other violators.

25 Brand New Spring | 25 New La Vogue Suits Suits, as good as others very snappy styles, the \$18 best suit made, \$25

BUY YOUR NEW COAT NOW

large variety of styles Vogue styles, new colors, and colors, \$9.98 on sale Saturday. \$13.50

New Sport Coats in a | New Spring Coats, La

NEW LINE OF CHILDREN'S DRESSES

50 Brand New Gingham Dresses, sizes 6 to 14 yrs.. all this season's styles. worth \$1.00, on sale Sat., each 69c

150 Gingham Dresses sizes 6 to 14 years, made in up-to-date styles, fast colors, worth \$1.50, on sale Saturday, 98c

Dainty new Organdie Collars, latest styles, on sale Saturday at, each.. Beautiful new Collar and

Spring Hosiery

Our new stock is now on display, every pair guaranteed.

Women's and Children's Fast Black Hose on sale Saturday at, a pair.

Boys' and Girls' Heavy School Hose, very 1 special, pair..

Our famous Lavender Top Hose, for wo-50c

Silk Hose for women, in black and colors, very special, per pair

The best values in 25c Lisle Hose, pair... 25c

"Mary Pickford" Caps, the latest

ors, on sale Saturday at, MUSLIN UNDER-

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WEAR SPECIALS New Corset Covers, Night Gowns, made of fine lingerie cloth, very

special, now at, 59c Beautiful New CombinDRESS GOODS SPECIALS

New Silk Poplins, 24 in. wide, 75c values, now, yard... 48c

18-inch Messaline Silk. full line of colors 48c

fad, on sale Saturday at, I 1 WASH GOODS

SPECIALS

New Zephyr Ginghams,

fast colors, 15e values, now, yd. 10c New Figured Organdies and Crepes, special Saturday at, yard.

ation Suits, well made and nicely trim- 98c | 38-inch All-Wool Serge, new shades, 75c 48c | New Galatea Cloth, all colors, very special, a yard side, a yard side