A TELLING COMPARISON

CONTRASTING MRS. JEFFERSON DAVIS AND EMPRESS EUGENIE.

One the Feminine Representative of a Lost Cause, the Other of a Perished Dynasty-First Had Happy Moments-None Such Can Come to the Ex-Empress of the French-Sketch of Mrs. Davis' Life.

Mrs. Jefferson Davis, whose death was announced the other day, became the feminine representative of a lost cause as did the Empress Eugenie of a perished dynasty. Appomattox blasted the ambitions of the one as did Sedan of the other. It would be difficult to say which of them suffered the more than the constant of the other suffered the more than the constant has conth which at first. The one saw the south, which she looked on as her country, subjuga-ted and its social system overthrown. She saw her husband, to whom she was devoted, in prison, and she fear-ed that he might go from the prison to the scaffold. The threat, "We'll hang



MRS. JEFFERSON DAVIS. Jeff Davis on a sour apple tree," began to have a deadly significance. Eugenie had made her escape, and,

while her husband was a captive, his life was in no danger. On the other hand, the empress had enjoyed many years of brilliant imperial power. She had a son, and she hoped to see him succeed his father. If, as has been assumed he was largely responsible for succeed his rather, it, as has been as-serted, she was largely responsible for the war which drove her into exile, she had much with which to reproach

herself.

Mrs. Davis was a president's wife
for only a few troubled years, full of
alternations of hope and despondency.
She spent them in a city which, much She spent them in a city which, much of the time, was practically besieged. She did not lose so much as the empress did, nor did she have the bitter reflection that her advice or counsel had harmed the confederacy. Perhaps Mr. Davis would have got along more emochly in some respects if he had taken her advice oftener. She was the more tactful of the two.

After the release of Mr. Davis and his return to Mississippi, Mrs. Davis undoubtedly had a happier life than the Empress. Her husband, to whom she was tenderly attached, survived

the Empress. Her husband, to whom she was tenderly attached, survived the war several years. Eugenie soon became a widow, and then childless, desolate, and hopeless. Few Frenchmen have for her the sentimental affection which most southerners had, or assumed they had, for Mrs. Davis. The confederacy was no more, but Mrs. Davis had the pleasing feeling that she lived in the hearts of the confederates. She finally came to live that she lived in the hearts of the confederates. She finally came to live among the Yankees and became reconciled to them. The closing years of the life were happy ones. There can be no happy moments for Eugenie.

Mrs. Varina Howell Davis was one of the links that bound the present generation to the past of the civil war. Since the death of her distinguished husband, twenty-six years ago. her

husband, twenty-six years ago, her life had been reposeful, save for the shock of the death of her talented and beautiful daughter "Winnie"—the Deautiful daughter "Winnie"—the Daughter of the Confederacy." In the "Daughter of the Confederacy. In the cities of the South or in the greater cities of the North she always was accorded that silent admiration which her fine character commanded.

Men and women when they saw her could not help remember the direful could not help remember the archallion.

of the war of the rebellion. national sorrow, certainly never



WINNIE DAVIS' MONUMENT. was the grand-daughter of Richard Howell, a famous Revolutionary soldier, who became Governor of New Jersey, and was the daughter of Wilham Burr. She was educated at Mme. Grelaud's school, in Philadelphia, and on February 25, 1845, she married Jefferson Davis, afterward President of the Southern Confederacy. She was the second wife of Mr. Davis.

Mr. Davis took his seat in Congress

the second wife of Mr. Davis.

Mr. Davis took his seat in Congress shortly after his marriage, and in Washington the accomplishments and strong personality of his bride received due recognition. Mrs. Davis became one of the social leaders of the capital.

In the dark days of the rebellion the progression of the second to her his-

capital.

In the dark days of the rebellion
Mrs. Davis was devoted to her husband without neglecting the claims of
her children. When she was compelled

to fiee from Richmond with her baby Winnie, she rode in a rough, joiting army ambulance, traveling hundreds of

DODD'S

KIDNEY

KIDNEY DISEAS
THEUMATISM SECH

Four Men Killed.

Four Men Killed.

Columbus, Ohio, Feb. 2.—A Baltimore and Ohio freight train yesterday broke it. two near Black Lick and the rear part crashed into a Pennsylvania freight train. It is reported that four men were killed. Railroad officials here declined to give any information regarding the wreck.

Killed By Pile Driver.

Greenwood, Feb. 2.-Thomas Bay-

les, who runs a saw and grist mill a mile north of here, was killed yesterday by a pile driving machine falling on him. He was a native of Pickering Township, and leaves a widow and two grown up sons.

Killed By Yard Engine.
Brantford, Feb. 2.—Yesterday morning an Italian working in the G.T.R. yards was run over by the yard engine and killed instantly.

A STOREHOUSE FOR POISONS.

on the vitality and health of the

system. Dr. Hamilton's P. Is stimu-late the kidneys, expel fermenting matter from the bowels, restore the liver and stimulate all excretory and

Added to the Archives.

ters and a yearly almanac of 1833 accompanied the diary.

Canine Pugilists.
Little Willie—Say, pa, what are the

\$160 REWARD \$100. *

least one dreaded disease that science

nas been able to cure in all its stag-es, and that is Catarrh. Hail's Ca-tarrh Cure is the only positive sure cow known to the medical fratern-ity. Catarrh being a constitutional

disease, requires a constitutional treatment. Hall's Catarrh Cure is

treatment. Hairs catarri cate in taken internally, acting directly upon the mucous surfaces of the system, thereby destroying the foundation of the disease, and giving the patient strength by building up the constitutional content of the constitution of the constitu

strength by building up the constitu-tion and assisting nature in doing its work. The proprietors have so much faith in its curative powers that they offer One Hundred Dollars for any case that it fails to cure. Send for list of restimonials. Address F. J. CHENEY & CO., To-

ledo, O.
Sold by all Druggists, 75c.
Take Hall's family Pills for con-

M.P.'s Hearty Eaters.

cheons, 47,968 dinners, 795 suppers,

beers and mineral waters and \$5,480

HELPS MEN TO WORK HARD.

That's what Ferrozone does; it

s pplies the additional strength that enables a nan to maintain health under difficulties. "Last spring I was so completely fagged out that I

was so completely agged out that I could not work," writes J. W. Mc-Nichol, of Turnbull, Man. "In the morning I was tired — limbs sched all over, Had no appetite, was sleepless, nervous and unhappy.

steepless, nervous and unhappy. Ferrozone rut new life in me. Now I eat heartily, nerves are strong. I sleep well. I know the joy of real health." It's by supplying nourishment and good blood that Ferrozone holds.

builds up; try it-50c. per box at all dealers.

stipation.

for cigars.

erretory organs.

army ambulance, traveling hundreds of miles without a murmur of complaint. While her husband was a prisoner Mrs. Davis stayed for a time in Savannah. Then she begged to be allowed to go to Augusta, where she would be nearer her husband, and received permission to do so. Thinking that her eldest three children, Maggie, Willie and Jefferson, would be safer in Canada, she sent them there in charge of her mother.

her mother.

Then her dearest wish was gratified.

Then her learnest wish was glathed.
The Government gave her permission
to join her husband in Fort Monroe.
With her was baby "Winnie."
Varina Anne, or "Winnie," as she
was affectionately called, was educated in Europe, Mrs. Davis idolized her
beautiful daughter and gave experien. ted in Europe, Mrs. Davis idolized ner beautiful daughter and she experien ced a shock great beyond expression when in September, 1898, "Winnie" Davis died.

Years after the close of the civil war Mrs. Davis was the bright genial hostess of Beauvoir, Miss. This hand-

nostess of Beauvoir, Miss. This naturesome, picturesque retreat was the Mecca of the surviving generals and statesmen of the South. Mrs. Davis sold it last February to the Sons of the Confederate Veterans of Mississippi, as a home for veterans of the Confederacy.

Since then she lived in New York where she died. Her body was taken to Richmond, Va., where it rests be-sides the ashes of her husband in Hollywood Cemetery, in the capital of the Confederacy, in which the four most eventful years of her long and honored life had been spent. North and South pald her tribute in splen-did funeral obsequies.

NERO OF THE ORIENT.

Terrible Outrages Perpetrated By

the Young Emperor of Annam. Some extraordinary stories are re-Some extraordinary stories are related concerning the conduct of the Emperor of Annam, Thanh-Thai, who is the greatest sovereign under the French Protectorate in Indo-China. The last issues of the Saigon papers to hand and numerous private letters show that the Emperor, who is a young man of 27, and has always been noted for his eccentric character, and ungovernable temper, has been guilty of some most revolting crimes.

some most revolting crimes.

In August last he became displeased In August last he became displeased with several of his wives for some trifling offense they had committed, and ordered them to be put to death. Wishing to get as much savage pleasure as possible out of their deaths, he ordered that they should be tortured in a manner too horrible to mention. This was secretory organs. In standards the blood to quickly replansh itself and establishes perfect health. No medicine does such lästing good as Dr. Hamilton's Mandrake and Butternat P.1's. 25c. at all dealers. done in his presence, the Emperor watching the women's last agonies with the greatest delight, and compelling two of his mandarins to remain

A day or two later his Majesty, in a fit of passion, drew his revolver and shot dead the prince who was presi-



THANH-THAL KING OF AMNAS dent of the council of the royal family. The victim, who was universally es-teemed, was a venerable old gentle-

teemed, was a venerable old gentleman of 72. He was the last surviving son of the Emperor Minfi-Mang.

Thanh-Thai then shut himself up in his private apartment, and when the French Resident called to remonstrate, refused to see him. The French Government considers this act as an affront to the person of its representative.

The Emperor is believed, by many Frenchmen who know him personally, to be a criminal maniac. A few years ago he was afflicted with a mania for strangers.
The late Mrs. Davis was born at experimenting in medical matters. One of his experiments was to shat up his own mother in a room with two persons in the worst stages of bubonic playe. "I sacrificed my mother in the cause of science; I wished to see if she would catch the plague," was the

monarch's remark.

On another occasion, under the pretext that he was acting in the interests of science, the Emperor had one of his wives vivisected. In January, 1902, his Majesty so tortured his personal attendants that their screams were heard at night at the French Residency. At that time the French Residency.

dency. At that time the French Resident interfered, and rescued from the palace seven victims, all of whom had undergone atrocious tortures.

All power was then taken out of the hands of Thanh-Thai, whose actual rule does not now extend beyond the fifteen or twenty acres of his palace

Birth Stones.

The following is a list of birth stones and their significance: January, garnet, constancy; February, pearl, purity; March, hyacinth, fortitude and ity; March, hyacinth, fortitude and bravery; April diamond, innocence; May, emerald, wedded happiness; June, catseye, health, wealth and long life; July, ruby, cure of love's wounds; August, moonstone, resistance to temptation; September, sapphire, steadiness of brain; October, opal, consolation; November, topaz, the power of winning friends; December, turquoise, success in life.

A curious method of catching fish is practiced by the Chinese. The fisherman lowers a screen of white canvas from the side of his boat, which a shoal of fish will often mistake for some floating obstruction and endeavor to leap over, with the result that many jump into the boat and are thus captured. This ingenious practice is also pursued by Malay fishermen. One Way to Catch Fish.

GENTLEMEN OF THE ROAD. The Famous "Sixteen Strings Jack"

and Dick Turpin.

At the Rose tavern, a noted gaming house standing in Marylebone gardens early in the 18th century, Sheffield, Duke of Buckingham, used to toast his companions at their farewell dinner when the season ended in the ominous words, "May as many of us a rement, unbarged next spring meet ominous words, "May as many of us as remain unhanged next spring meet here again!" John Rann, the highwayman, otherwise "Sixteen Strings Jack," of evil fame, liked to swagger about at Bagnigge Wells in the intervals of carrying out his nefarious deeds or undergoing punishment for the same. He is described as appearing there in July, 1774, "attired in a scarlet coat, tambour waistcoat, white silk stockings and a laced hat. On each knee he wore the bunch of eight ribbons which had gained him his sobriquet of 'Sixteen Strings Jack.'" There were lively doings under the influence of this sprightly gentleman, and on the occasion referred to he and on the occasion referred to he was pitched out of a window for offending honest contrany. Only a few months fater he neet the reward for his misdeeds on the gallows at Tyburn for venturing to rob the Princess Ame-

lia's chaplain.

Dick Turpin was another "gentleman of the road" who amused himself in the intervals of "businers" by frequenting pleasure gardens. He was once moved to kiss a fair lady in public them. hic at Ma ylebone, assuring her, when she protested, that she raight ever after boast of the favor she had reafter boast of the favor she had received. Whether Turpin and gentemen of Similar occupation came to pleasure gardens solely for their diversion may reasonably to doubted when we remember how frequent roberies were in the paths and field ways leading to these sylvan retreatf. Watchmer were set "to grand those ways leading to these sylven retreat.
Watchmen were set "to getted those who go over the fields late *t night," yet even so visitors were of the attacked and robled, sometimes in the gardens themselves and sometimes on the road to or from them.

In early days at Marylebone it was deemed precessory to provide the comwhat you become when the kidneys are affected. These organs cleanse hy fod; t ey are the fites hit remove from the blood the was enatter that acts like deadly poison on the vitality and health of the

In early days at Marylebone it was deemed necessary to provide the company with a gust of soldiers to conduct them home at nights, a curious winding up to a jovial everning. Ptekpockets were cf course pleutiful at all the gardens despite every precaution, and one night at Cappr's in 1743 a thief caught in the act of taking a lady's purse was rescuel from ing a lady's purse was rescued from the hands of the police by a band of his comrades on his way through St. George's fields and enabled to escape justice for that time.—Temple Bar.

Added to the Archives.

Mr. Alex. Fraser, Provincial Archivist, has received from Mr. Justice Riddell a diary kept by the latter's father from 1833 up to the close of the fifty's. The diary is full of events of public interest in connection with the Town of Cobourg and the County of Northumberland. A number of letters and a veryly almanse of 1833 and

dogs of war?
Pa—Almost any two strange dogs when they meet, my son.

them, but there was a great tribe of them, your benor."

"A whole tribe of them, eh? Will you tell us to what tribe they be-

you tell us to what the they be longed?"

"Indeed, your honor, that is more than I can do, for I never heard, but I think it must have been to the tribe of Jan."

"You may go down, sir!" said O'Connell in a rage, amid the laughter of the court

ter of the court.

The Petato In Ireland. The Fatato In Ireland.

Statistics prepared by the Irish department of agriculture relating to the potato crop reveal some interesting results as to the popularity of the different varieties throughout the country. It is indicative of the conservatism of the growers that not the property selections withstanding the numerous selections of high class new varieties that are now available the Irish farmer connow available the Irish lariner con-tinues to achere faithfully to the old Champton. This old variety still co-cupies more land than all the others put together, notwithstanding its lia-bility to failure through blight or The report of the kitchen committee of the British House of Commons show that from Feb. 13 to Dec. 24, 165,451 meals were served in the House. Of these 126 were breakfasts, 39,825 lun-T5.213 teas and 5,150 meals at bars. The cost of the meals reach a total of \$96,445 or an average of 58 cents. This includes \$31,445 for spirits, wines

Miraculous Eggs.

A correspondent calls to mind an incident in the life of Prof. Anderson, "the wizard of the north," says The London News. Walking through the butter and egg market in Aberdeen, he bought one egg from an old woman with a basketful. He cracked the shell on the spot and extracted a sovereign, which he calmly put in his pocket. He asked for another egg and took another sovereign from it. The wizard then asked, "How much for the basket!"

"Na, na! Ye'll get nae mair," was Miraculous Eggs.

the basket?"
"Na, na! Ye'll get nae mair," was
the reply, as the saleswoman swung
the basket on her arm and rushed
home to break every egg she had.
She found them all nice and fresh, and the wizard sent her one of his sovereigns.

New Species of Chimpanzee.

"Koolokamba" is the name of a new species of chimpanzee recently brought to the London zoological gardens from Africa. It has a shaggy coat, jet black in color, with the hair hanging over the hands like mittens. The head is quite bald, and its size is somewhat abnormal for this race. It receives its curious name from the pecaliar guttural sound it makes. The same signifies "the animal that speaks."

Piles get quick relief from Dr. Shoop's Magic Ointment. Remember it's made alone for Piles — and it works with certainty and satisfaction, Itching, painful, protruding, or blind piles disappear, like magic by its use, Try it and see!

Sold by C. H. Gunn & Co.

Constipation

Baked sweet apples, with some people, bring prompt relief for Constipation. With others coarse all-wheat bread will have the same effect Nature indoubtedly has a vegetable remedy telleve every allmed known to man, if physician can but find Nature's way to benith. And this is strikingly true with regard to Constipation. The bark of a certain tree in California—Cascara Sagrada—offers a most excellent aid to this end. But, combined with Egyptian Senna, Slipery Elm Bark, Solid Extract of Prunes, etc., this ame Cascara bark is given its greatest possible sower to correct constipation. A toothsome Candy Tablet, called Lax-ets, is now made at the Dr. Shoop Laboratories, from this ingenuous amost effective prescription. Its effect on Constipation, Billousness, Sour Stomach, Bad Breath Sallow Complexion, etc., is indeed prompt an satisfying.

Sallow Compressatisfying.

No griping, no umpleasant after effects are experienced, and Lax-ets are put up in beautiful lithographed metal boxes at 5 cents and 25 cents.

effective, try a box of

ax-ets

C. H. GUNN & CO.

Australia's Caves. The Narracoote caves, in south Australia, are situated in the southeast ern nortion of the state, the principal chamber, known as the "big cave," with its magnificent profusion of beau-tiful stalactites and stalagmites, forming a dazzling spectacle when illuminated by the magnesium light. In a second chamber, or cave, nature has been prodigal of the mystical ornament with which the whole place abounds. There are pillars so finely formed and covered with such dainty trellis work, curious drippings of lime reating such wonderful masses of lovely scroll work, that the eye is bewildered with the extent and rarity of the adornment. It is like a palace of ice, with a rich profusion of frozen silvery cascades and fountains all around. Western Australia possesses also a couple of extensive cave systems which fairly rival those of New South Wales, Queensland and South Aus-

IT RINGS IN YOUR EARS.

George's fields and enabled to escape justice for that time.—Temple Bar.

Scored Against O'Connell.

An amusing incident is told of victory over Faniel O'Connell by witness whom he was cross-examining. The witness was for the crawn, and the case was a riot committed by a crowd of beggars. O'Connell was at that time well known, and it was after he had received his solviquet of "the big beggar man."

The witness finished, and O'Connell began the cross-examination. "Now tell the court just how many beggars there were," he said.

"Indeed, I did not stop to count them, but there was a great tribe of them was a great tribe of them. That same cough is everywhere

A Poet Physician.

Hearing of Dr. Goldsmith's great humanity, a poor woman, who believ-ed him to be a physician, once wrote to him begging him to prescribe for her husband, who had lost his appe-tite and was altogether in a very sad state. The kind hearted poet immediately went to see her and after some talk with the man found him almost overwhelmed with sickness and pov-

ety.
"You shall hear from me in an "You shall hear from me in an hour," said the doctor on leaving, "and I shall send you some pills which I am sure will do you good." Before the time was up Goldsmith's servant brought the poor woman a small box, which on being opened was found to contain 10 guineas, with the following directions:
"To be used as necessities require. Be patient and of good heart."

If you are Constipated, dull, bilious, or have a sallow, lifeless complexion, try Lax-ets just once to see what they will do for you. Lax-ets are little toothsome candy tabother cause. The Up-to-Date may be said to be the only new variety that is making appreciable headway, and, although it is steadily gaining in favalthough it is steadily gaining in favor, it seems unlikely to supersede the Champion for many years to come, if ever.—Dundee Advertiser.

sirable, Handy for the vest pocket or purse. Lax-ets meet every desire. Lax-ets come to you in beautiful lithographed metal boxes at 5 cents and 25 cents. Sold by C. H. Gunn & Co.

> Good From An Evil. In Australia, where the rabbit is a pest, there is an annual "roundup," at which millions of the animals are slaughtered. The rabbits are utilized for their fur and meat, much of which is exported. During the year over 20.

900,000 rabbits were sent to other countries frozen in the fur or in the form of canned mc_*

Croup can positively be stopped in 20 minutes. No vomiting — nothing to sicken or distress your child. A sweet, pleasant, and safe Syrup, called Dr. Shoop's Croup Cure, does the work and does it quickly, Dr. Shoop's Croup Cure is for Croup alone, remember, It does not claim to cure a dozen ailments, It's for Croup, that's all.

Sold by C. H. Gunn & Co. roup, that's all. Sold by C. H. Gunn & Co.

Loftv Scientific Station.

The highest scientific station in the world stands on the summit of Mount Misti, an extinct volcano in Southern Peru. The altitude of this station is 19,300 feet above sea level. No one lives at the station. No one could exist there, as the air is too rare and cold. The thermometer on the top of Misti often falls to 25 degrees below zero. Once a month an observer climbs up to the station to take the records of the instruments. It occupies two days to climb up and two days to return. 1 offy Scientific Station.

Minard's Liniment for Sile Every-

Minard's Liniment cures Colds, etc

Humor and Philosophy

By DUNCAN M. SMITH PERT PARAGRAPHS.

Mediocrity is leather lunged and Acted So in Order to Determine metimes can scare genius into a duck

No man ever got mad and shot up the landscape because he fell heir to a



The only way to succeed is to find where success hangs out and then to he the first to reach it.

Most of us struggle desperately to create harmony between our needs and our purse.

Leading a dog's life isn't a bad thing -for the dog.

Better than knowing how to do a thing is knowing how to get along without doing it.

Duty is a concession to the claims of others that you never get any thanks

No bright young man keeps you long in the dark concerning his qualifica-

tions.

If you were to let some people know that they have a soothing influence they would send you a bill for it at the

Good, but Not Usable.

beginning of the month.

Philosophy
Is all right. See?
And when you view things from a tree
It seems to be
Way up in G
And quite the thing to make you free.

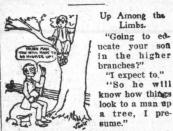
Its good intent Its good intent
Is evident,
But strictly for fair weather meant,
For when a gent
Can't pay the rent
It doesn't bring him in a cent.

The larger view Perhaps will do
When sunshine rents the clouds for you,
But when their hue Is deep and blue The zephyrs whisper low, "Skiddoo!"

It's nice to sit And try your wit
On rules most every case to fft,
But when you're hit
You throw a fit
And give such dope the icy mitt.

Philosophy Great stuff may be When all your troubles are at Jea, But, hully gee,

Let two or three Return-for it then twenty-three!



-Much a tree, I pre The Downtrodden Bill Collector. In some sections of the country bill collectors are forming unions that they may by mutual assistance make the game by which they get their living

less strenuous if possible.

If there is anybody who needs a little moral boosting to help him on his way, it is the bill collector. That timid, shrinking creature, who goes through life scared to death lest some one needs all the encouragement and sympathy he can get, for no one hands him any in the course of his daily toil.

We do not know as to the union rules, but we presume that one of the leading ones will positively forbid dogs from biting the members thereof.

That and one providing the members with whistles, by which they could call on a brother member who was collecting near by for help if some lady obstinately refused to give up all the money she had in the house, should help out a lot.

> Dulce Far Niente. By Ho Bo.
>
> I love the open road,
> The living that is owed
>
> By Mother Earth's full scope;
> I love the smiling earth,
> I love an ample girth,
> I love perpetual dearth
>
> Of labor and of soap.

"Can you cure a man of drinking?" "Yes."
"Well, proceed." "Well, when you want to quit drink-

Then What?

"But I never want to quit drinking." Getting Full Value. "I have changed doctors." "Feel any better?"

"I can't say that I do, but this doctor gives me a disease with a much longer name for the money." How Promoters Are Made.

"Think I will get anything out of it?" "Yes—experience."
"But what will I do with that?" "Sell it to some fellow whe has

MARTYRS OF SCIENCE

HEROES WHO HAVE SACRIFICED THEMSELVES TO RESEARCH.

Things In the Aid of Mankind-Awful Experiences of Dr. John Hall-Edwards of London Who Devoted His Life to Experimenting With the X-Rays-Is Now Dying-

Slowly, inexorably, there is being enacted in London an inexpressibly sad ending to a drama which, unless a miracle intervenes, must result in another martyr to science. There Dr. John Hall-Edwards is dy-

There Dr. John Hall-Edwards is dying. He is president of the British
Electro-Therapeautic Society, and has
been one of the great leaders in the
investigation of X-ray phenomena.

He is a man of means, with position, loved ones, everything desirableanother victim of the great cause of
sciences.

Can you imagine anything more altruistic than the motives that led to the fast-ending career of this man? No pecuniary consideration has impelled him to the experiments which have already disabled him. His whole desire has been simply to add another truth to the dazzling crown of science. Devoted His Life to It.

Devoted His Life to It.

Since Roentgen gave to the world the mysterious electric ray which penetrates flesh as easily as daylight pierces glass, it has been patent to investigators that untold possibilities for aiding the human race lie back of the wonderful glass tube.

Already this force has been proved a great aid in the cure of cancer, goitre and skin diseases, while as a means of diagnosis it has been the boon of the age to medical science.

Among those men who devoted their lives to experiment with the X-ray, hoping to develop its possibilities, was Dr. Hall-Edwards. He was one of the pieces of the Roentgen ray. The first operation ever performed by aid of a Roentgen-ray photograph was from one taken by him.

Unconscious of Peril.

Unconscious of Peril.

Unconscious of Peril.

Once an expert photographer, heather wall his being into the new science, working day and night. He worked all unconscious of peril, and the second of the most capable experts in England. In 1900 he went as a radiologist to the Boer war, and published the result of his work on the battefield.

tlefield. tlefield.
At present a truth is known regarding X-rays which was not suspected when Dr. Hall-Edwards took up hiswork. It is that, while the energy is beneficial when applied occasionally to a patient, it is extremely havmful to one who spends too much time in its vicinity.

its vicinity. He Still Experiments. Not knowing this, Hall-Edwards slept near his instruments; he spent whole days in a room where the mysterious current was turned on full

force.

The result was a drying-up of the blood in the veins of his hands. When the vitality had left his hands, the blood has been broken out with warts. skin became broken out with warts-very painful little lumps—and they increased in number and virulence-

constantly.

Excruciating pain, as if a red-hot:
needle had been run into his hand, attacked him. He slept with difficulty,
and intermittently.

After having exhausted all possiblemethods of cure and now certain that

methods of cure, and now certain that death is but a short way off, Dr. Hall-Edwards does not cease his experiments. Thus does he prove a love for science which does not balk at death. Cries Out With Pain.

Warts have now broken out on his brow. He wrote a few days ago.
"I have not experienced a moment's freedom from pain for more than two years, and at times the pain is so severe that I am rendered absolutely incapable of work, either physical or mental.

"Hope I have none. Death is certain, and I am waiting for it with such fortitude as I can command. I adjure all who have engaged in X-ray, work to protect themselves before it is too late."

Fortunately, it is possible to protect one's self against X-rays. This is the truth which Dr. Hall-Edward's death will give to the world. It has been shown that the rays do not pene-trate lead.

A Barricade of Lead. Thanks to the experience of those who have fallen martyrs to this branch of science, the X-ray investigator now places between himself and branch of science, the A-ray messa-gator now places between himself and the tube a wall of lead. Here, behind the barricade, he may manipulate the levers of the switchboard, while watching through a mirror the opera-

watching through a mirror the property of the rays.

This is the method adepted by Dr.—
M. K. Kassabian, of Philadelphia, whose hands are covered with warts, as are those of Dr. Hall-Edwards. Dr. Kassabian believes that, in time, he will recover from the dreadful affliction, which rebs him of sleep and causes him constant pain while

As a result of constant exposure to X-rays in perfecting the fluoroscope. Clarence M. Daily, an electrical engineer, assistant in Thomas A Edison's laboratory at West Orange, N.J., died october 2, 1904.

He had undergone no less than seven surgical operations to remove a cancerous growth on his left wrist. Finally, both his arms were amputated.

Spirit of Martyrdom Spirit of Martyrdom.

Throughout all his sufferings he retained his mental faculties. As an indication of the spirit of martyrdom that lay back of his suffering, one of his last expressions was the hope that Edison, who has been similarly afflicted, but in less degree, might be spared. Much to the surprise of physicians, amputation did not stop the progress of the treacherous ailment, which soon penetrated Daily's system.

By inches, Dr. Louis A. Weigel gave up his life at Rochester, N.Y., in pursuit of the solution of mysteries of the Roentgen light.