ested in This Country by the Croaking of Frogs

It is not common knowledge, except to those familiar with electrical and telephone history, that the first telephone was constructed in Racine, Wis, and that the inventor, Dr. S. D. Cushman, is now a resident of Chicago, says the News, of that ciry.

His litigation with the Bell Telephone company, extending over a period of ten years and costing one hundred thousand dollars, has been reported from a legal standpoint, but as it is one of Mr. Cushman's principles that personal

legal standpoint, but as it is one of Mr.
Cushman's principles that personal
reminiscences are in bad taste, he has
coldom given a formal interview. The
concerable inventor, seventy-seven years
of age, who built the first telegraph
lines in this part of the "far west,"
urranes his business with more aleri-

In a comer of the room is a large, wern plees of moslin on which is painted in thin colors a representation of a telegraph line stretching away in the distance, connected with a crude instrument, set on two logs, near which is a frog altting by a stream. This old relie represents the telegraph line of "good cedar posts," which Dr. Cushman constructed west from Eacine for the Frie & Michigan Telegraph company in 1861, and the experimental lightning arrester which led to his discovery.

It is a reminder of the days when by Cushman was associated with Prof. lorse in the pioneer days of telegrap. On his desk is the first teleme transmitter, constructed in 1861, and the were taken out. It is a small, are box, with a speaking orifice and taining mechanism on the same inciple as that of the modern transliter.

ncinic as that of the modern trans-

onstruction of a lightning arrester, his just being to take the lightning that ruck the wire and run it into the ruck the wire and run it into the sund, the instrument being so connucted that it would not interfere that the light current used in telegraphing. This instrument was placed out on the prairie on two logs and in order to know when it had operated a triple magnet with a sheet of thin iron at the poles, similar in construction to a modern "receiver," was placed in the corner of the box. In case the lightning passed through the instrument the electro-magnet would pull this strip of iron down into the range of a permanent magnet, which would retain it until the instrument was inspected.

A similar device was placed in the basement of the building at Racine and connected with the other end of the line. One day while a thunderstorm as coming up, and Dr. Cushman was vatching the instrument, the croaking of frogs was heard, thirteen miles way. This is the explanation of how way. This is the explanation of now e old painting with the crude instru-ent and the creaking frog is identi-d with the discovery of the tele-

Dr. Cushman is the inventor of the re-alarm system in use in Chicago. Ilis patent-office reports, he says, would weigh a ton," and contain a reat number of his electrical patents. To the priority of Ir. Cushman there is said to be no doubt, and the contest of the validity of the Bell patents becam in 1835 was at last taken to the United States district court of Boston

bit 1895, where it is now pending.

Dr. Cashman is a descendant of the historical Cushmans who came to Virginia in 1640. He was a friend of Horocare. ace Greeley and most of his prominent contemporaries in what might be called the era of rapid mechanical development. In early life he was a newspa-per reporter. Some twenty, years of

RETARDING PHYSICAL DECAY! How Life Could Be Prelenged to Nearly Twice its Could Length.

Without eating and drinking there is no life; but we may select certain kinds of food containing a minimum amount of the elements which cause the ossific blockages in the system. An English physician, Dr. C. F. De Lacy Evans, thio made many researches in regard to cur food, comes to the conclusion that more fruit should be eaten, especially copies, grapes and bananas, they being rule in nutritions elements. Being deficient in nutritions elements. Being de-ficient in nitrogen, they are best for elderly people, as they keep the blood in a better condition than flesh. Flourens, in his well-known work on

Flourens, in ms wenternown work on "Human Longovity," cities the case of the Italian centenarian Cornaro, whose recipe for health and long life was ex-reme moderation in all things. Flour-ms himself insists that a century is the aornal life, but the fifty years beyond, and even two hundred wears, are human and even two hundred years, are human possibilities under advantageous condi-tions. Hufeland also believed in two hundred years as an extreme limit. Bir James Crichton Browne, M. D., concedes, in a late address, that Flourens was right. Duration of growth gives the length of life. Hufeland held that the human body grows at the control of the human body grows at the control of the human body grows at the human body grows at the human body grows at the control of the human body grows at the control of the human body grows at the control of the cont the human body grows till the age of twenty-five, and that eight times the growth period was the utmost limit of man. But if twenty years be taken as the time of growth, even five times that will give us a century. According to Piourens and Cuvier, man is of the frugiverous or fruit and nut-eating class of animals, like the gorillas and other spea and monkeys. Man has not teeth like the lions and carnivorous benats, notifier has he teeth like the sows and declarations ones. Intesting in the herldvorous ones. Intestines in the an are seven or eight times in length the body; the lion's are but three

cally and primitively frugivorous, and ITALIAN LEGAL FUNCTIONARIES can not intended to est flesh. Fruit is aperient and apples act on the liver, and are good brain food also, they contain much phosphoric acid. In to the effect of certain climates, rhaps too much stress has ben laid pon that. We find that Thomas Parr, tho lived in England, died in his one undred and fifty-third year, and was issected by the celebrated discoverer f the circulation of the blood, Dr. Wil-lam Harrey (who expressed no death). itiam Harvey (who expressed no doubt of his age), was never out of his native country. Accounts of men who have lived to extreme age in Ecuador and Mexico indicate possibilities. A cli-mate that allows much outdoor living is the best for health. More depends is the best for health. More depends on food than on any elimate. Exercise, fresh air to live in an to sleep in, daily bathing and freedom from meditine are the important things. In July, sast, the Courier-Journal, of Louisville, sublished a long account of James Mediulin, who died in Carlisia county, fy, at one hundred and seventeen surs of age. When Buffon, Hufeland, Jourens, and mon of that class, who and studied the subject, believed in the possibility of one hundred and fifty or two hundred years of life, the subject is not to be laughed at.

TOLD OF A PARK SNAKE.

A Policeman's Explanation of a Worn Spot in the Asphalt Walk. A Central park policeman was stand-ing near the cutrance at 100th street and Central park west the other day looking very thoughtful. He stroked the left-hand side of his fine red mus-tactice with his right forefinger and gazed in an abstracted way at the lower rims of the wheels of carriages and bi-

cycles as they passed.

"What is weighing on your mind so heavily?" asked an acquaintance.

The policeman turned savagely with:
"None of your—" Then he broke off and said: "th, it's you, is it?" The savage look gave way to a half smile, and then the serious look came back

again.
"I don't think," said he. "I don't know, and, what's more. I don't give a cuss." Then he stopped talking to look at his questioner through the corners of his eyes. After a little urging and much health of the corners of his eyes. much besitation be told this at

any anakes here in the park, and I told you yes. That was early last spring, wasn't it? Yes, I thought so. Well, I've seen some snakes since then. May-be you would like to hear about one that I've got to know pretty well? Yes? Just as I thought. Let us go down this walk a ways. I want to show you something first. Here we are. Do you see this little knob or hummock in the asphalt? Well, last spring, the first time I noticed it, it was an inch high. You can see for yourself that it's not more than half an inch high now. What do you suppose wore it down so much?"
"The scuffling of shoes on it," the

"Well, I rather think nit. The feet of men don't touch the edge of this walk twice a year. Do you see that robin's nest there in that oak? Well, the first time I saw that anake it was just swallowing the last of five eggs that had been in that nest. I know that there were five eggs in the snake be-cause they showed in five bunches in the snake's middle—the cuss had swailowed them whole. He was a black one, by the way, and could climb like a gray

"But, as I was saying, that snake had five unbroken eggs in him, and I was wondering about what he was going to do with them. I found out pretty The snake climbed down the tro head first and crept toward the walk here, getting along pretty slow, for he was only 14 inches long, and the five eggs made a pretty big load for him. "The snake came straight toward this

hummock here, and I was standing right here by these bushes. He crawled around the hummock several times, then stuck his head in this little hole here in the asphalt, and then drew himself up into a hump, with his tail sticking in this little crack here—only the crack wasn't so large then—and then he stood up just like a letter U upside down. Then he straightened out, and down came one of the eggs on to that hummock there. I heard the shell down came one or the eggs on to ma-hummock there. I heard the shell break. The snake raised up again and another egg was broken, and so on until there wasn't a whole egg in the snake. That's what wore that hummock down, for all summer the snake broke his eggs

"Is that what made you think and look so seriously?" the man saked, as the policeman stopped talking.

"Oh, no. I was just wondering if it wouldn't be a good plan for us police-men to be made auxiliary observers of natural history here in the park.—N. Y.

A fire-Bern Bug. There are some bad bugs and worms There are some had bugs and worms in the southern forests, but there are certainly none that are quite equal in undurance and toughness to the worm that developed himself from the great forest fires of the northwest. Scarcely had the fires ecoled sufficiently for the owners to make inspection of losses when they found that this new worm had got there first, and was already completing the destruction of what the fismes had spared. Both standing the flames had spared. Both standing and cut timbers were attacked, and the vigorous measures have been resorted to and with only partial suc-cess. This worm seems to have evolved gaged in building the Congo railroad, from the heat, and, so far, the cold and in the cold regions of Siberia many snows of the winter do not appear to have affected his health or lessened his voracity. He certainly is a new and unpicasant feature in the timber question, and a nut that acientists have not yet cracked.—Chicago Chronicls.

He construction of the trans-in railroad. Xelephones in Clairvoyanes M. Trouve, the well-known cian of Paris, has brought out telephone no larger than a fran-

-The oldest known piece of wood is formed into the statue of an Egyptian shelk. The statue is evidently a likethe body, the lions are but three the length of his body. Herbinal has been dead for 5,000 years, the body.

Bo, judging man by his tooth his body and but the wood of the statue is as perfect to-day as when turned from the body. Minor Officials Who Are Poorly Paid for

Their Services.

In Italy any unfortunate who owes to per cent finds his little debt run up by sheriffs' officers, tribunal expenses and all the manifold charges of notaries, attorneys and advocates to 200 per cent-before he has time to breathe or realize the situation, and the forced sales are so conducted that the property sold produces nothing for anyone except the state and the auctioneers. The state takes its percentage first, says the Fortnightly Review, before even the creditors, and thus is caused the avidity by which all state officials and myrmidona drag to ruin, by intrigue and extortion. drag to ruin, by intrigue and extortion, a large majority of the Italian tax-paying public. Note the salaries poid to the officials of the tribunals in Italy and judge if such officials are not invited and forced to ruin the mass of the procede.

where a county court judge in England has £1,000 or £2,000 a year, he receives here the equivalent of £40, or perhaps £30, per annum. All the lesser functionaries are paid in proportion. The giudice concillatore, who answers to the juge de la pair in France, and to the police magistrate in England, is paid sometimes at the rate of £30 per annum, sometimes not at all; the pockets of the appellants at his court must maintain him. It can readily be understood that all these hungry functionaries of the law, big and little, live on the public perforce, and that almost any iniquity or injustice may be obtained under their rule if monay be largely enough as any iniquity or injustice may be obtained under their rule if monay be largely enough as any iniquity or injustice may be obtained under their rule if monay be largely enough as any iniquity or injustice may be obtained under their rule if monay be largely enough as any iniquity or injustice may be obtained under their rule if monay be largely enough as the proposition of the magnificent liveried serving men, who rose to meet him when he entered court to stand upon his trial.

The latent functionaries may see to upon his trial.

upon his trial.

The Italian functionaries may say to the Italian Themis: "That we have coats to our backs and rings on our fingers is your dishonor, for you do not pay us enough to enable us to get either honestly." Notwithstanding this miserable pay which they receive, Italy spends on the administration of law 125,000,000f.—i. s., 7,000,000f more 135,000,000f.-i. e., 7,000,000f more iaw 125,000,0007—i. e., 7,000,000f more than France (in comparison to the population) and 12,000,000f more than England. The public who contribute all these millons get little or nothing for their money.

Chinese Mandark

Chinese Mandarins of the second chass wear a button of coral red, suggested by a cock's comb, since the cock is the bird that adoras their breast. The third chass are gorgeous, with a robe on which a peacock is emblazoned, while from the center of the red fringe of silk upon the bat rises a second oned, while from the center of the red fringe of silk upon the hat rises a supplier button. The button of the fourth class is an opaque dark purple stone, and the hird depicted on the robe is the pelican. A silver phesasant on the robe and a clear crystal button on the hat are the rank of the lifth class. The sixth class are entitled to Pullman wear an embroidered stork and a jadestone button; the seventh a partridge wear an embroidered storic and a jude-stone button; the seventh a partridge and an embossed gold button. In the eighth the partridge is reduced to a quail, and the gold button becomes plain, while the ninth-class mandarin has to be content with a sparrow for his emblem, and with allver for his botton. BIG PRICES FOR FURNITURE.

neers Talk of the Private Sale of Rich Men's Effects.

A party of auctioneers en route from Chicago to Buffalo were in the smokingroom of a Lake Shore sleeper the other night telling stories. "Selling horses and farm stuff by auction is all right." said one, "but for genuine fun give me the private sale of a rich man's furni-ture. When Anthony Drexel died there ture. When Anthony Drexel died there were a lot of things which had personal reminiscences connected with them which everyone wanted. It was finally decided to hold a family auction and sell them to the highest bidder. The first thing I put up was a small clock, worth, I suppose, about twenty dollars. "Thi give five hundred dollars, was the first bid. It came from a nephew." Make it one thousand dollars."

" 'Make it one thousand dollars," interjected a younger son. 'Fifteen hundred dollars,' replied

"The nephew won and got the twentydollar clock for money with which he could have bought the finest clock in Philadelphia. I never knew what the history of the clock was, but it must have had a peculiar one. Then I put up a big arm-chair. It was the chair Drexel had sat in for over twenty years and it had a valuable association for each one of the family. A married daughter and young Anthony Drexel were the ones who wanted it the most, and the bidding, which opened at one Portland Oregon. thousand dollars, was spirited and lively. I finally sold the chair to An-

inveir. I finally sold the chair to Ansthony for six thousand five hundred dollars. The day's sales brought in over twenty-five thousand dollars."

"I never had snything as good as that," said another auctioneer, "but I sold the Childs effects in the same way. The chief contest was over one of those oid-fashioned tall clocks. Childs' eldest on the first contest was over one of those oid-fashioned tall clocks. Childs' eldest on the first contest was over one of those oid-fashioned tall clocks. Childs' eldest on the first contest was over one of those oid-fashioned tall clocks. Childs' eldest on the first contest was over one of those oid-fashioned tall clocks. Childs' eldest oid-fashioned tall clocks. Childs' eldest oid-fashioned tall clocks. Childs' eldest one of those oid-fashioned tall clocks. Childs' eldest one oid-fashioned tall clocks. in the Ledger office in Philadelphia."

The government of Japan owns and operates all the railways in that country, and from this source derives a large proportion of its revenues.

In the hot regions of Africa more

thousands of Russians are employed in the construction of the trans-hiberian

M. Trouve, the well-known electri-cian of Paris, has brought out a tiny telephone no larger than a franc piece, and, in conjunction with Rostoff, the "wizard," has applied it to clairvoyance. The telephones attached to the ears of the blindfolded performer are hidden by a wig and connected by fine wires, also invisible, to a transmitter behind the screen. A confederate be-hind the screen, who can see and hear THE SWARMING OF THE BEES.

on Regained His Empire Twenty Days After Leaving Ellin. At nine o'clock a mighty about is

eard without.
"The emperor! The emperor!" The palace echoes the cry, as across the bridge of the palace and along the eries gate, throughd about to a clam-rous crowd, and surrounded by his oldiers and his generals. Napoleon

Paris is wild with joy. The reterus fling themselves upon the emper-ris carriage. They seme him is their rms. They drag him out and bear-ng him on their shoulders, the rush he foot of the great states

The palace rocks with the mits of volume. The stand the mits of accountry, and the throughput town to staircase to greet in the easy. Progress is impossible to everywhere, and Philip, austing the top of the mins to of our, laughs as he observed to the cut allver statue of pears its impose on the end of his country take anything and the cut allver statue of pears its impose on the end of his country take anything and wet with tears joy.

it last a passageway to Aroken at last a passageway to stroken fromth the crowd. Philip and M. a Lavalette bank their we what to the passage open, and a up the moving chairway, along the gallety brain, through the blue room and to the emperor's study amid tears and choice and shouts, and towning of the crowning of the content of the co ats and waving of handkerchiefs, the interor somes to his own again. In wanty days after leaving Elba Napo-on has regained his empire. With on has regained his empire. With on a thousand greandlers he has con-pared thirty millions of people. The warming of the lices ends in a carnilot joy.-Elbridge & Brooks

He Found It Out. The Wife—John, didn't you feel like fool when you proposed to me?
The Husband—No; but I was one.—

-It is easy to learn something about crything, but difficult to learn every-ting about shything Emmons

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