MAKING A LEAD PENCIL. Its Cost and its Profits-A Penell of Pre-

From the New York Sun

What does it cost to make a lead pencil ?" said the manufacturer. "First et me tell you how we make a pencil. See this fine black powder ? That's graphite It costs twenty-five cents a pound. This white substance is German clay. It comes across the ocean as ballast in sailing ves sels, and all it costs us is freight. We mix this clay and this powder together and grind them in a milly allowing moisture to be added during the process, until the two are thoroughly assimilated and are re-duced to a paste about the consistency of

duced to a paste about the consistency of putty. "This paste we press into these dies, each one of which is the size of a pencil lead, except in length. There are four leads in one of these. After they are pressed we cut them into the proper length and bake them in an oven kept at very high heat. There we have the lead made. Its hardness is regulated by the greater or less amount of clay we mix with the graphite—the more clay we put in the -the more clay we put in the harder the lead.

"The cedar we use comes principally from the awamps of Florida, and is ob-tained entirely from the fallen trees that lie there. The wood is delivered to us in blocks sawed to pencil lengths, some thick to receive the lead, and others thin, for the piece that is glued over the lead. The blocks are sawed for four pencils each.

blocks are saved for four pencits each. They are grooved by a saw, the groove being the place where the lead is to lie. "The leads are kept in hot glue, and are placed in the grooves as the blocks are ready. When that is done the thin block

is glued fast to the thick one. When dry the blocks are run through a machine that cuts the pencils apart. Then they are run through a machine that shapes and bur-nishes them, and they are ready to be tied in bunches, boxed and put out. ued fast to the thick one. When dry crats. aggressively.

in bunches, boxed and put out. "The different grades in value are made by finer manipulation of the graphite. Here is a pencil that is about the average qual-ity need in every-day business. It costs a little more than one-quarter of a cent to get it ready for market. We sell it to dealers at one hundred per cent profit, and the dealer makes much more than that. Of this grade an operator and the machinery will easily make 2500 a day. "There is a pencil in that case. It's a cheap-looking thing, isn't it? Don't look worth more than a cent, does it? Well, it would take a ten-dollar bill to buy that. The cedar that surrounds the lead in that

The cedar that surrounds the lead in that pencil was centuries old, I guess, before any cedar that is standing to day began to grow. It was taken from a marl bed in Orange county, N.Y., at a depth of 60 feet, and near it was found a mastodon's remains. That bone knob on the end of the pencil was a piece of that mastodon's tooth. No, I don't think \$10 would buy that pen-

"As Good as New,"

-are the words used by a lady who was at one time given up by the most eminent physicians and left to die. Reduced to a mere skeleton, pale and haggard, not able to leave her bed, from all those distressing to leave her bed, from all those distressing diseases peculiar to suffering females, such as displacement, leucorrheea, inflammation, etc., etc. She began taking Dr. Pierce's "Favorite Prescription," and also using the local treatments recommended by him, and is now, she says, "as good as new." Price reduced to one dollar. By druggists.

A Texas Episode. From the San Angela Times.

A Dog Fight, After Victor Hugo. From the Stockton Mail. CHAPTER 1. What is a bulldog ?

It is a monster that transforms itself into machine. It is a battering ram. It is a mad mass with the bounds of a tiger, the

oill collector.

"Do you h

He is Old Tenacity itself.

A Michigan man has trained a cat to burglarize a grocery and steal mackerel, which he says taste just as sweet when broiled for breakfast as if he had come by stealthiness of a mouse, the obstinacy of them honestly. The latest mathematical puzzle in Eng-land is said to be this: "Two ladies met three ladies, they all kissed, how many kisses were exchanged ?" an ox, the unexpectedness of the surge, the rapidity of lightning, the deafness of the tomb. It weighs forty or fifty pounds, yet it rebounds like a child's ball. Its at-tack is a wild whirl abruptly cut at right

In Milwankee it costs a dollar to say that a man is "personally a very fine fel-low, but politically a scoundrel." The rate was fixed by a justice in a slander angles. The tempest ceases, the cyclone passes, the wind falls, the broken mast is replaced, the leak is stopped, the fire dies out, but the bulldog never lets go. snit. A train of sixteen mules, fifteen loaded

A train of sixteen mules, fifteen loaded whisky and one with flour, arrived at Eagle, Idaho, a few days ago, and a man from Montana wanted to know what they were going to do with all that flour. He has more tenacity than a Stockton

Wise and Otherwise. A Cincinnati rope factory offers to let an Arkansas sheriff have their ropes for

hanging purposes at half price.

He is Old Tenacity itself. CHAFTER II. You can make a mastiff hear reason, as-tound the bull, fascinate the boa, frighten the tiger, soften the lion, but there is no way of christianizing a bulldog. You cannot kill him. He is dead, and at the same time he lives. He lives with a sinister life bestowed upon him by -In-finity. He is Old Tenacity itself. Were going to up was Prescott, Arizona, has among its active politicians a Mongolian who evidently is not scared at the cry, "The Chinamen must go." A druggist who has opened a new store at the south end advertises: "Arnica, sticking plaster, splints, bandages and other baseball goods." The Portland Advertiser is responsible

CHAPTER III. The dogs were let loose. Loose? They were let fast. There were a cloud of saw-dust, a muffled roar, and Grip had fug by the throat. Two dozen shouted "Bravo!" The dogs were let fast. There were a cloud of saw-dust, a muffled roar, and Grip had fug by the throat. Two dozen shouted "Bravo!"

Two dozen shouted "Bravo !" One of the canaille recklessly threw his hat into the air and exclaimed: "Long live the republic !" He was seized upon and thrown down stairs. The unfortunate man had committed

Dadon

stairs. The unfortunate man had committed two offenses. He had broken the peace of a dog fight and had insulted the demo--By land or at sea, out on the prairie or in the crowded city, Ayer's Cathartic Pills are the best for purgative purposes, everywhere alike convenient, efficacious and safe. For sluggish bowels, torpid liver, indigestion, bad breath, flatulency, and sick headache, they are a sure remedy. But still the dog held on. Grip tugged at Tug and Tug gripped at Grip. The red blood dampened the sawdust and smoked CHAPTER IV. believe in the devil, Cheva-A Hard Question Answered. From the Buffalo Express. lier ?" asked Mike McCarthy of Mike Mu-

lier ?" asked Mike McCarthy of Mike Mu-looney. "Yes. No. Sometimes." "In the tempest ?" "No." "Tag writhed in the cast-iron grip like a soul in despair. A soul! Strange thing! You would not have thought that a bulldog had one—a soul full of hatred, and that there was cunning in that smoking, brist-ling, steaming mass of dog flosh. Neither would let go. Suddenly a noise was heard at the door. Two commissioners of police entered with drawn clubs and cloves on their breath. The crowd fled, terror-stricken, before the majesty of the law.

The crowd fled, terror-stricken, before the majesty of the law.

A pebble may stop a log, a tree branch may turn the avalanche, and the police can stop a dog-fight. The Pigmy had taken the Thunderbolt The Pigmy had taken the Thunderbolt

McCarthy approached the first officer. "Sir, you have saved my dog's life." Theold man had resumed his impassible TORONTO RAILWAY TIME TABLE.

attitude, and did not reply. Grand Trunk Railway. Trains Leave Toronto Under EASTERN STANDARD TIME. -Notwithstanding much has been said about the importance of a blood-purifying

about the importance of a blood-purifying medicine, it may be possible that the mat-ter has never seriously claimed your atten-tion. Think of it now! If, by the use of a few bottles of Ayer's Sarsaparilia you avoid the evils of scrofula, and transmit a healthy constitution to your offspring, thank was
EASTERN STANDARD TIME. (a) For Ottawa, Montreal, Quebec, Portland, and Boston, 7.15 a.m... Fast express, 9 a.m., (b) 7.50 p.m.....S30 p.m.-Local for Cobourg and intermediate stations. (a) 1 p.m.-Mixed for Kingston and inter-mediate stations.

IT LEADS ALL. No other blood-purifying medicine is made, or has ever been prepared, which so com-No other blood-purifying medicine is made, has ever been prepared, which so com-tely meets the wants of physicians and a general public as Aver's Sarsaparilla.

It leads the list as a truly scientific propara-tion for all blood diseases. If there is a lurk-SCROFULA AYER'S SARSAPARILA will disloge it and expel it from your system. For constitutional or scottilous Catarrh, TATARRH AYER'S SARSAPARILA is the multiple seases. It will stop the nansoors atarrhal discharges, and remove the sckeen-ing odor of the breath, which are indications exordinous origin. "Hotto, Tex., Sept. 28, 1882.

"Huto, Tex., Sept. 28, 182. "Huto, Tex., Sept. 28, 182. "Source of the second s "Hutto, Tex., Sept. 28, 1882.

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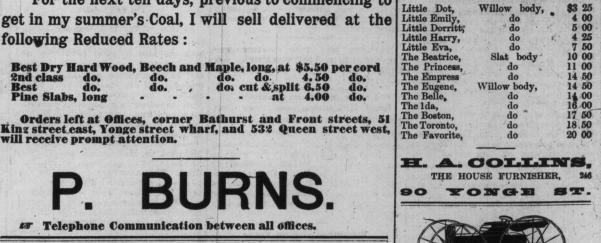
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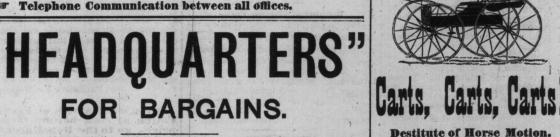
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ding se in midurse the

ified ting a small artery did no serious damage. Fernandez died from the effects of the pubpply ond poswrites some inquiring mind to a friend of ours, says London Truth, who edits a paper for ladies. I only wish I could get

heir ting the use.

EDAL

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d. re of the ect, and a little mber is red im-

ONTO,

recovering his revolver.

What a varied experience one would need very beautiful, is not the most intelligent to answer satisfactorily all these questions. young lady in Austin by any manner of

Some Complicated Questions. "Will checks be worn this season ?" So

A Novelty, in Weddings. A very pretty custom, which has since been followed, was introduced at a fashion-able wedding recently at the Savoy chapel royal, London. The choir formed a pro-cession down the aisle to meet the bride and then walked back before her to their places in the church, chanting a bridal hymn. A moral support is thus given too hymn. A moral support is thus given to a faltering girl who has usually to walk up the aisle the observed of all observers, and

overhearing, perhaps, remarks on the red-ness of her nose, or some defect in her dress, not very reassuring. After the ceremony the choir again formed in pro-cession and walked before the bride and groom down the aisle to the entrance gate

-Within the past ten years not a dol-lar has been lost in purchasing lots in To-ronto or its suburbs. On the contrary every dollar so invested has doubled itself every dollar so invested has doubled itself in five years, some in three. West To-ronto Junction is the rising subarb of the city and a few dollars invested in a lot there will soon double itself. Geo. Clarke of the Li Quor Tea Co. is offering a few on terms that are acceptable to all: An entrance fee of \$10, and \$2 a week for 182 weeks will purchase a fine lot 50x150 at the Junction, including interest and taxes.

GOING WEST. (a) 7.55 a.m.-Local for all points west to Detroit...(e) 12.15 p.m.-Express for Port. Huron, Detroit, Chicago and beyond....(a) 4.00 p.m.-Local for London, Goderich, Georgian Bay branch, with through car to points north of Guelph...(b) 6.25 p.m.-Mixed, for Strat-ford and intermediate points...(d) 11.00 p.m.-Express for Port Huron, Detroit, all points in Michigan, Chicago and the west. ARRIVE FROM THE EAST. Robert Majors, deputy sheriff of Menard for the suggestion. county, strolled into the Avenue saloon and began betting at monte at a bank kept and began betting at model. by Mr. John Born; having won a \$2.50 bet he drew the bet and stake together to-ward him, when a Mexican named Nicolas Lara pieked up a dollar of the money. Lara pieked up a dollar of the money. Lara pieked to give it up, when Majors caught his hand, and, drawing a six-shooter, said : "I will give you just one minute to return that money, or I'll hit you over the head." Mr. Born jumped up, and catching Ma-jors around the waist, said : "Don't make a fuss, Bob; I'll give you another dollar." Majors replied : "I won't submit to Majors replied : "I won't sub Who He Was

dollar." Majors replied: "I won't submit to being robbed in this way," and struggled to free himself. It seems that another Mexican, Jose Maria Fernandez, had given grandson of John Adams, second president of the United States." "Oh, yes," said the unabashable hotel clerk, "but we den't go much on daddyism out in Chi-Lara a pistol, and, coming behind Majors, succeeded in getting his pistol out of his hand. Born seeing this, let Majors go, who turned on Fernandez and succeeded in

Victor Hugo's Occupation, From Bow Bells.

About this time Lara fired at Majors, but missed him and struck Fernandez in Victor Hugo, when about to make the ourney in Germany which inspired his journey in Germany which inspired his book, "The Rhine," called at the govern-ment office for his passports, when the fol-lowing conversation took place with the clerk: "Your name, if you please?" "Victor Hugo." "Age?" "Thirty-three." "Profession?" The poet lifted proudly his Olympian front and replied with majesty: "Founder of my school." "Victor Hugo-age, 33; schoolmaster." Great Western Bivision. (a) 7.35 a.m.-For Niagara Falls, Buffalo and local stations between Niagara Falls, Buffalo and local stations between Niagara Falls, Buffalo Windsor, ... (a) 9.15 a.m.-For Detroit, Chi-cago, St. Louis and points West.(a) 3.55 p.m.-For Niagara Falls, Buffalo, New York and local stations between Hamil-ton and London.......(a) 6.30 p.m.-Local sta-tions between Toronto and Niagara Falls, Buffalo, New York, Boston, Detroit, Chicago and all points Work on the context of the schoolmaster." B.40 a.m.-Express from Chicago, Detroit and Hamilton.....10.35 a.m.-Express from London, the breast just above the heart. Majors immediately returned the shot, striking Lara just below the right eye. The ball cut an ugly gash along the cheek, and took off part of his right ear, but beyond cut-Great Western Division wound he received. Justice Preusser held Majors in a \$400 bond to await the action of the grand jury. The bond was given immediately. Lara is still under arrest.

dition that I would wear it a few times. Here is another question that some one asked her: "Would people be likely to talk if a girl of 21 were to engage herself to a gentleman of 17?" That is an easy one to answer, but not so the next: "Do you think 16 too young to be in love? If so, please send me a cure for love." And, in the same breach, "Is lemon juice good for the complexion?" Another letter puts the pertinent query: "Ought I to wear crape for my brother, and if so for how long? He was a middle-aged men are not worth mourning for at all does not appear. What a varied experience one would need What a varied experience one would need to answer satisfactorily all the

young lady in Austin by any manner of

This Life is What we Make It.

From the Boston Transcript.

Let's oftener talk of noble deeds, And rarer of the bad ones, And sing about our happy days, And not about the sad ones. We were not made to fret and sigh, And when grief sleeps to wake it, Bright happiness is standing by This life is what we make it.

Let's find the sunny side of men. Let's find the sunny side of men. Or be believers in it; A light there is in every soul That takes the pains to win it. Oh ! there's a slumbering go d in all, And we perchance may wake it; Our hands contain the magio wand : This life is what we make it.

Then here sto those whose loving hearts Shed light and joy about them ! Thanks be to them for countless gems We ne'er had known without them. Oh i this should be a happy world To all who may partake it : The fault's our own if it is not-This life is what we make it.

low-clerk—"write out a passport for M. Victor Hugo—age, 33; schoolmaster." Wanted To Be sure. From the Providence Star. The bootblack in question is a small, di-lapidated urchin, who may be seen in the vicinity of the postoffice at such times as he is not otherwise engaged in the callery

BOND & FREE given.

PETER RYAN,

Credit Valley Rallway. Trains Leave Toronto, Union Depot, as fol lows: St. Louis Express, 7.10 a.m., for all stations on main line and branches, and for Detroit, Toledo, St. Louis and Kansas City...Pacific Express, 1.05 pm., for Galt, Woodstock, Inger-soll, St. Thomas, Detroit, Chicago, and all points west and northwest...Local Express, 4.50 pm., for all points on main line, Orange-ville and Elora branches. ABRIVE Lacrosse

ARRIVE.

ARRIVE. 9:30 a.m.—Express from all stations on main line and branches....3.45 p.m.—Atlantic Express from Chicago and all points west and stations on main line.....7.00 p.m.—Montreal Express—All stations on main line and branches,

Toronto, Grey and Bruce Railway. Trains Leave Union Depot as follows:

17ains Leave Union Depot as follows: 7.20 A.M. MAIL.-4.50 P.M. EXPRESS. For Orangeville, Mount Forest, Harriston, Tecewater and Owen Sound. Express con-necting with Owen Sound Steamship Line for all ports in Georgian Bay, Lake Superior and the Canadian Northwest. Trains depart from Union Depot... 8.10 a.m.-A mixed train leaves Parkdale for Owen Sound direct, ADDIVE AS FOULOWS.

ARRIVE AS FOLLOWS: 10.45 a.m.,-Express from Owen Sound and intermediate stations....9.40 p.m.-Mail from Owen Sound and intermediate stations....4.50 p.m.-Mixed-Arrives at Parkdale.

Northern and Northwestern Railways. Trains leave City Hall station as under: 7.55 a.m.-Mail for Gravenhurst, Orillia, Meaford, Penetang and intermediate stations. ...11.45 a.m.-Accommodation for Meaford, Gravenhurst and intermediate stations.....5.20 p.m.-Express for Collingwood, Penetang, Orillia and Barrie....Trains are ducto arrive at 10.05 a.m., 2 p.m. and 9.02 p.m.

and Union St.. Parkdale,

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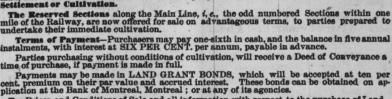
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