

## Hardshell Mine Is Leased by Douglas and Eastern Men

A bond and lease was taken this week upon the Hardshell mine by Geo. B. Hoser & Co., from R. R. Richardson. The associates of Mr. Hoser are supposed to be Douglas and Kansas City men. Work is to be started at once, the first of which will be the remodeling and reconstruction of the old concentrator on the ground to treat the ores. Work is then to be prosecuted for a period of four months from the old tunnels and shafts, at the expiration of which time a new 500-foot shaft is to be commenced, according to the terms of the lease.

The Hardshell is one of the famous properties of the Patagonia country, and one from which many thousands of tons of ore have been mined in the past. It is located in the Harshaw mining district, about 2½ miles on an air line from the old Mowry. The Hermosa on the east and the Trench on the west are other famous old mines of this particular locality.

The ores from the Hardshell are lead-silver and manganese, and it is estimated there are fully 50,000 tons of low-grade ore in sight. Besides extensive development the mine is equipped with all kinds of good buildings and machinery, which can be put into operation again at a very small expense.

### Bond Came Near Being Thrown Up

The parties bonding the Hardshell mine took nine samples to Nogales to have assayed. They gave the samples to an assayer, who probably, threw them out of the window and wrote out the results, giving about a trace in lead. The mine is lead and silver, mostly lead. One of the party suggested dividing the samples and giving them to two assayers, which was done. Assayer No. 2 gave very nice results, and after the mining men had made some inquiries about the two assayers, they returned to the mine and commenced work. Lucky for the owner of the Hardshell that there were two assayers in Nogales. Here are the results:

| Assayer No. 1 | Sample | Assayer No. 2 |
|---------------|--------|---------------|
| Trace         | 1      | 3.5 pct.      |
| "             | 2      | 1.7 "         |
| "             | 3      | 16.5 "        |
| "             | 4      | 6.6 "         |
| "             | 5      | 12.6 "        |
| 14 pct.       | 6      | 17.2 "        |
| Trace         | 7      | 14.6 "        |
| "             | 8      | 12.8 "        |
| "             | 9      | 21.0 "        |

### Wandering Jew

The first carload of ore from the Wandering Jew, recently bonded by Holt Bros. and Kaiser, went out from Patagonia this week. It is lead-silver ore, and was shipped to the smelter at El Paso.

The new owners of the Wandering Jew have commenced work in earnest on the property, a crew of 20 men being employed at the present time. The road between the mine and Patagonia is being repaired to facilitate the hauling of ore from the Wandering Jew and other producers in that vicinity.

Mr. and Mrs. Albert Capps and family, of Naco, are at the Rhinehart ranch near Duquesne for a short stay.

## CONCENTRATES

Charley Jones, the well-known Bisbee mining man, is in Patagonia again this week, looking at property he owns here.

Milton Farley and Maurice Denn came down from Bisbee Tuesday and will spend a few days in the district, looking after their mining interests in the Red Rock district.

Pete Etchells has accepted a position as hoister at the Ruby Copper company, on the contract work being done on the drift from the lower level, under charge of Charles Wittig.

Superintendent Glasson of the Bradford shipped another carload of ore from this property this week. The Bradford ships about a car a week with the present force.

The Arizona Record of Globe has recently issued a "Gila Resources Edition," which is undoubtedly one of the finest mining editions ever printed by any newspaper in this State.

Herb McCutchan was down from the Dixie yesterday. He and Jake Johnson are getting out some good lead-silver ore from this property. Herb lost a valuable horse this week, by it getting cut on the wires of a fence.

W. H. Barnett returned yesterday from Nogales, where he went to secure the services of H. Gordon Glone, the surveyor, to make underground surveys in the Happy Jack mine. Mr. Glone, although a very busy man just now, is expected up to do the work next week.

Word comes from Nogales that August Yarrick, who has been in a hospital in the county seat for a few weeks, has improved to the extent of again returning to the hills. The "mayor of Yarrickville" will be welcomed back by many friends in this camp.

Edward Massey, deputy mine inspector, returned to his headquarters in Bisbee Tuesday, after a careful inspection of the mines in the Patagonia country, which he reports to be in a fairly safe working condition at the present time. Mr. Massey is a painstaking and efficient official, and makes many friends by his courteous manner.

Ladislado Alvarado, employed at the Flux mine, was severely injured one day last week by the caving of rock while working in a "glory hole" at the mine. He is now in Patagonia in a very serious condition, but his recovery is expected. The injured man has a wife and three young children.

A letter received in Patagonia last week from Ed J. Grant, formerly a well known shifter at the Three R mine, who is now in Miami, conveys greetings of cheer to his friends in this district. Mr. Grant says he keeps posted of the camp's activity by regular reading of the Patagonian, and hopes all his friends here will benefit from the presence of prosperity in the mining industry.

Mr. and Mrs. C. C. Chapman were down from Alto Saturday evening to attend the dance here.

## Is the Old Hermosa Preparing to Start?

W. A. Sloan was in town Tuesday for supplies from the old Hermosa mine at Harshaw. Mr. Sloan reports that he is having the mill at the Hermosa, which was demolished during the unusually big snow storms of the past winter, repaired and put in better condition than ever. The Hermosa is owned by the James E. Cochran family of Bradford, Pa. The group consists of three patented claims, the Hermosa, Bluff and Salvadore, and a number of unpatented claims. In early days the old Hermosa produced about a million dollars' worth of ore, said to have been the finest silver ore ever shipped to the San Francisco mint. Mr. Sloan is looking after the property and attending to the assessment work on the unpatented claims.

## Quotations on Metal Returns to California

In response to numerous requests the following recent quotations of minerals are printed:

Manganese Ore: The prices paid by the Colorado Fuel & Iron company, delivered at their works at Minnequa, Pueblo, Colo., for manganese ores in the natural state per long ton (2240 lbs) not containing more than 8 per cent silica, 0.11 per cent phosphorus and 1 per cent zinc, containing 12 to 14.99 per cent manganese, is 15 cents per unit, and up to 22 cents per unit, according to the per cent of manganese. For each per cent of metallic iron contained in the ore, a premium of 6 cents will be added to the price per ton of ore. For each 1 per cent in excess of 8 per cent of silica, a penalty of 5 cents a ton is deducted. For each .001 per cent in excess of .1 per cent phosphorus a penalty is charged. Ore containing less than 12 per cent manganese or more than 12 per cent silica, or more than .25 per cent phosphorus, is subject to acceptance or refusal, at the buyer's option.

Aluminum: 54 to 56 cents per pound.

Antimony: Chinese and other brands are sold for 44 to 44½¢ per pound and futures at 33 to 34½¢ per pound. Antimony ore has sold for \$2.25 per unit.

Tungsten ore is quoted at \$65 per unit for February and March shipments.

Quicksilver: The New York price is \$275 to \$300 per flask (75 lb); San Francisco quotations are: \$300 to \$310 per flask; market quiet, stocks small.

Bismuth: New York, \$4 per pound.

Molybdenite: A sale of 90 per cent ore is reported at \$1.42 per pound.

Vanadium: \$1.25 per pound.

Zinc: Average selling price all grades zinc ore, \$107.52 per ton, at Joplin, Mo.

Lead: El Paso smelter, \$6.25 per 100.

Copper: Electrolytic, nearby, \$28.50 per 100 pounds. El Paso smelter, wire bars, \$26.25 per 100 pounds.

EGGS FOR SALE—Settings of thoroughbred White Orpingtons at \$2 and \$4 per 15. Mrs. Ray Ferguson, Patagonia.

TYPEWRITER—For sale cheap. Smith Premier typewriter in good condition. Inquire at this office.

ROOMS—At Cady's Hotel, at 76c and 50c per night.

CATTLE CONTRACTS—Blank contracts for the purchase and sale of cattle for sale at this office.

SEE COUHLIN—About that new suit. He is making big reductions on the winter fabrics. New Spring samples just received. Buy your new suit at home.

SEED FOR SALE. Straight neck milo maize, 21-4c per lb.; fetcrita and corn, 21-4c per lb.; seed corn, 3½¢; Mammoth Russian Bonflower, 6c; Early Amber Cane Seed, 3c; pure home-made Cane Molasses, 85¢ per gal.; Corn Meal, 35¢ per sack, 43¢ per sale. Prices f.o.b. Patagonia, Ariz. Terms cash with all orders. Address R. N. KEATON, San Rafael, Ariz.—Adv.

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Patagonia Smoke House. Cigars, Tobaccos, Newspapers and Magazines. All kinds of Soft Drinks. C. J. TRASK, Prop.

Distant Drug Customers. SEND us your orders by mail and save valuable time. In buying of us by mail you are assured of satisfaction in every case, and you'll have your goods by first mail after we receive your order. Your orders for drugs and drug store sundries could not receive more careful attention were you trading in person.

Phone or Mail Your Orders and if anything we send you does not prove entirely satisfactory return it and we'll send you other goods or refund your money. Our mail order business is constantly increasing. This we attribute to our excellent line of goods, prompt service and fair prices.

OWL DRUG STORE. Halls & Dolson. Nogales, Ariz.

## Extension of R.R.R. Is to Be Developed

Franklin W. Smith, a mining engineer of Bisbee, and Mr. Zeisemer, a young mining man of the same city, have taken a bond and lease on the Coronation group, adjoining the Three R on the south, from Ed F. Bohlinger and R. R. Richardson. Work will be started immediately, development to be made from one of the tunnels on the property. A contract will be let to extend this tunnel a distance of several hundred feet. The first contract calls for 100 feet of work, and others are to follow. The Coronation group consists of 12 claims, and is regarded as very valuable property, inasmuch as it is believed by best informed mining men of the Patagonia country to be the extension of the famous Three R.

## NEWS IN BRIEF

Dr. Ray Ferguson is in Tucson on business.

Cy Marsteller and Burt and Ray Sorrells were in town Wednesday.

Miss Ollie Stone went to Nogales yesterday evening to consult an oculist.

Mr. Shannon, a cattle buyer from El Paso, is in the San Rafael valley, looking over stock.

Albert Davidson has accepted a position as salesman with the Washington Trading company.

Miss Ruth Parker returned to her home in Parker's Canyon Tuesday morning after a week's visit with friends in Patagonia.

Mrs. S. P. Boucher left Thursday morning for Douglas to join her husband, who is employed in that city, after a pleasant visit with her parents, Judge and Mrs. Orton Phelps at the Mowry.

John Hoy and bright little son, Charley, came up from Nogales Tuesday and went out to the Trench mine Wednesday. Mr. Hoy's family are now living in Nogales, but young Charley says Patagonia is his home.

Several prominent cattle men were in town Wednesday, who came for a proposed meeting of the cattle raisers of the county to discuss matters of interest to the industry. On account of the absence of many of the most important growers, the meeting was not held.

According to an agreement entered into this week by representatives of the Southern Pacific, the El Paso & Southwestern and the Santa Fe railroads, none of these lines will accept for transportation any shipments of liquor billed to points in Arizona.

W. S. McKnight, sheriff of Santa Cruz county, was in Patagonia Wednesday from the county seat, on official business. This is the first time the popular sheriff has been in Patagonia since his recent return from New York City, where he took an insane man. The sheriff says "little old New York" is some town, and he believes it is going to make a "permanent camp," but if he owned the whole works he would sell it and hike back to Arizona.

In making the rounds of the town, looking up children to send to school, the attendance officer reports two or three cases of extreme poverty. One family has three little children who would be in school, but they are destitute of clothes. Another case is of a family, recently moved to town, and the father as yet has been unable to secure enough work to provide comfortable clothes for his children. Charitably inclined women of Patagonia who have children's clothes to spare will confer a favor by notifying Mrs. Price, or by sending or bringing them to The Patagonian office, and she will place them in the hands of the deserving poor.

Directors of Nogales Chamber of Commerce have decided to boost mining in Santa Cruz county, and next Thursday night will hold a big "Miners' Meeting." Patagonia will be well represented at this meeting.

Chas. Harrison, formerly mine foreman at the Duquesne, has accepted a similar position with Manager C. C. Sanders at the Andes on Red Mountain. Burros are bringing down ore from this property to the ore platform at Patagonia, and another shipment will go out within a few days.

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## Old Hosey Bonded by Operator Who Is to Start Up at Once

The Hosey mine, located in the Santa Rita above the old Mansfield camp, and owned by Neil McDonald and son, Johnny, and August Yarrick, has been bonded by W. R. Ramadell and associates. It is understood a substantial cash payment was made on the bond. Work has been started, and ore is being taken out to be sent to Patagonia for shipment to the smelter.

The Hosey is regarded as a fine property, having shipped many carloads of high-grade copper ore several years ago. The old shaft has considerable ore but owing to caving ground and water, it is considered less expensive to start a new shaft. The equipment at the mine will be moved a short distance north of the old shaft, where a winze from a tunnel is in good ore. The group consists of eight claims.

Mr. Ramadell is a well known mining operator of the Southwest, being interested in mines in this part of the country and in Mexico. He is at present operating the Narragansett mine near Rosemount, among others.

Death of Pioneer. Julius Kunde, an oldtime cattleman of this county, who lived in Red Rock near Patagonia and at Lochiel, died at Nogales Wednesday. The deceased was about 74 years of age. Dropsy was the cause of his death. Mr. Kunde had resided in Santa Cruz county for about 40 years, always engaged in the cattle business, at which he had earned a competency. Deceased leaves a family of three sons and three daughters, all grown, and nearly all of whom were at his bedside during his last illness. The family has the sympathy of many kind friends in their bereavement.

Tom Schultz was a passenger on Tuesday evening's train for Nogales, where he goes for a few days' business trip.

Notice for Publication. Department of the Interior, U. S. Land Office at Phoenix, Arizona, Feb. 14, 1916.

Notice is hereby given that Benjamin Wilson, of Patagonia, Arizona, who on November 8, 1912, made homestead entry (list 2-1202), No. 019859, for Sec. 7, Sw. 1/4, Sec. 8, Sw. 1/4, Sec. 9, Sec. 10, Sw. 1/4, Sec. 11, Sw. 1/4, Sec. 12, Sw. 1/4, Sec. 13, Sw. 1/4, Sec. 14, Sw. 1/4, Sec. 15, Sw. 1/4, Sec. 16, Sw. 1/4, Sec. 17, E. 1/4, G&SB Meridian, has filed notice of intention to make three year proof, to establish claim to the land above described, before W. A. O'Connor, U. S. Comm'r., at Nogales, Arizona, on the 4th day of April, 1916.

Claimant names as witnesses: James L. Gatlin, of Patagonia; George W. Parker, Harry Freyer, both of San Rafael; Allen T. Bird, of Nogales, Ariz. Thomas F. Weedin, Register. First publication Feb 18 '16-3-17

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# Santa Cruz Patagonian

PUBLISHED EVERY FRIDAY

J. B. PRICE, Editor and Owner

## DISEASE IS SPREAD BY RATS

Their Migratory Habits Explain Many Facts Connected With Dissemination of Plague Germs.

That the migratory habits of rodents have a bearing upon the spread of disease is not generally known, but the United States public health service, as a result of experiments conducted in plague epidemic work at New Orleans, asserts that such is the case. This is but another illustration that the field of preventive medicine is especially broad, and investigators therein must be thoroughly familiar with the life history and habits of flies, mosquitoes, ticks and even rodents.

Several hundred captured rats were marked for purposes of identification by having their ears punched, care being taken not to render them conspicuous, as fellow rodents wage relentless warfare upon those which appear different from their kind. They were then released in the heart of the city, and allowed to shift for themselves. Trapping was carried on in all sections, and each rat was labeled as to the locality caught. Fully one-quarter of the rats made widespread excursions, that is, they were recaptured at points from one to four miles from where they were liberated. In one instance, a rat traveled 19 blocks, crossing one of the widest and busiest streets in the city, where there was no subterranean passage and was taken within 60 hours from the time of its liberation. From the experiments it is concluded that the semi-domesticated rat has migratory habits similar to wild animals, and that these habits are influenced by abundance or scarcity of food, facility for harborage, or the presence of natural enemies. It is also believed that certain inexplicable instincts tend to make the rat a wanderer. That in this instance the "homing" instinct was not responsible for the migration of rodents explains many facts connected with the dissemination of plague; it will also doubtless prove enlightening to those who have attempted to exterminate rats for economic reasons. The Indian plague commission was of the opinion that rats seldom journeyed from one section of the city to another, but the conclusion of the public health officials is quite the opposite. As a measure of the success of trapping operations, it is interesting to note that over one-half of the rodents liberated were recaptured within a month.

## DESIRES OF FARM WOMEN

Evidently Not All Are Satisfied With the Condition of Affairs as Existing Today.

Among the requests and suggestions for government aid—which I quote literally—were calls for a law to make a farmer go shapes with his wife, or else pay her one dollar a day for her work; for fireless cookers, vacuum cleaners, washing machines, dishwashing machines, teachers with horse sense, a better grade of tea, coffee, and dried fruit at country stores, a traveling government doctor, a traveling government nurse, electric lights and trolley lines for isolated farms, cook books, books of fiction, traveling schools and traveling libraries, illustrated lectures, "movies" and phonograph records sent around to the farms, a better knowledge of rural sanitation, better supervision of children at the "little red schoolhouse," both in point of morals and health; a system of rural transportation for school children on the same free basis as rural fire delivery; a law that will prevent men from lingering in the country store instead of going straight home with what they were sent for. Said one discouraged woman: "What's the use of buying more land to raise more corn to feed more hogs to buy more land?" Many women complained of excessive rates of farm loans, showing the greater number of letter writers lived on heavily mortgaged farms. One woman summed up the situation by saying: "What we really need most is plenty of ready money," and another hit the nail squarely on the head when she said: "It seems to me it all depends on the kind of man we live with." A Georgia man wrote in place of his wife, saying: "Send us some cook books, the women down here use too much grease in preparing their meals." Now and then came a letter from a contented woman, but comparatively few seemed satisfied with either their surroundings or their "men folks."—"The Woman With the Hoe," by Mrs. George F. Richards, in National Magazine.

Instructions Sought. "Everybody," observes a New York woman, "knows one or more of those conscientious egoists who cannot rid themselves of the notion that no one can be trusted to carry out the simplest details of routine work without their personal supervision. It was one of this sort who went West, leaving in his brother's care a parrot of which he was very fond. All the way out he worried about the bird, and at Chicago he sent his brother the following telegram: "Be sure to feed the parrot." "Whereupon the brother telegraphed back: "Have fed him, but he is hungry again. What shall I do next?"

## BLUE BEARS BY ACCIDENT

Philadelphia Zoo Gets Rare Animals From Tibet—Only Ones in America.

There arrived in New York last February the final shipments of large wild animals, as the war has completely paralyzed the trade, of which the Germans controlled about 75 per cent. In this shipment were several young bears, which were sent over as Russian brown bears, *Ursus arctos*. Two of these, a male and a female, were acquired by the Philadelphia Zoological society. When they arrived at the gardens it was at once noticed that they were in many characteristics entirely different from any known variety of their supposed type, which rarely shows variations. On the other hand, they corresponded in every noticeable particular with the Tibetan blue bear described by Blyth.

As the animals were still very young, it was not possible at that time to identify them, nor was it possible to ascertain where they were captured. Since they have been here, however, they have grown sufficiently to determine beyond reasonable doubt that they are Tibetan bears. Their most striking characteristic is their white-tipped, blackish hair, which gives their fur a hoary appearance and imparts a light bluish tinge. This is never known to occur in any other old world bears.

And so, by the merest chance, the Philadelphia zoo made the most important acquisition in years, and these two blue bears from Tibet, *Ursus brunneus*, are the only specimens in the United States. As far as is known, they are the only ones that have ever reached an American collection. Their habitat is Tibet, in the neighborhood of Lhasa.

### An Old Philanthropy.

That there is such an institution as "The General Society of Mechanics and Tradesmen of the City of New York" will probably be news to the majority of the people who read of the bequest of \$1,800,000 to it in the will of the late Amos F. Eno. Yet it has been doing a good work in this city ever since 1785, and this splendid addition to its resources will be the means of extending activities long shown by experience to meet great needs. Its evening classes in drawing, modeling, architecture, industrial electricity, etc., are attended by more than 2,000 students; and it is said that there is a waiting list of an equal number. Such a bequest is a reminder at once of the grand scale on which charitable and educational gifts are made in this country in our time, and of the great number and variety of institutions devoted to beneficent objects, many of them seldom in the public eye, that are being maintained by private endowment.—New York Post.

### Concrete vs. Salt Water.

A series of time tests to determine the action of salt water upon different grades of concrete has recently been completed in Boston. Five years ago, 24 concrete piers were sunk into the waters of Charleston bay. These piers were 16 feet long and as many inches square in order that a large surface might be available for the action of the salt water.

Last month they were taken up for inspection. One was practically in perfect condition. One was almost completely severed near the middle by the erosion of the water, and others showed signs of disintegration. Each specimen represented a different formula for producing concrete. The result of this test will be of practical value in future construction of sea walls, breakwaters and other concrete work exposed to salt water.

### Foreboding.

George Ade is in great demand as best man at weddings.

At a recent wedding breakfast in Chicago Mr. Ade said in the course of a toast: "I have often been asked why I never married. I came very near marrying once. The girl was beautiful, and I sat down at my typewriter one night to propose to her in a passionate love poem. The first line of this poem ended with 'cupid.' I made a thorough search, but I found that the only word that rhymes with 'cupid' is 'stupid.' "This made me hesitate." Mr. Ade concluded, "and I've hesitated ever since."

### A Pocket Periscope.

There has been brought out in England a combination of two mirrors joined by a collapsible frame. When this frame is closed up and the apparatus is laid in its case you might suppose the soldier owner to be carrying a small camera, but when he gets into a trench he can open up his periscope, stretch out the frame to the top of the trench and see what is going on about him through the reflection in the two mirrors without putting his head above the ground.

### Unusual Loquacity.

"Here this author begins his story. The wagon groaned as it crept up the hill." "Now, that's strange." "What's strange?" "About the wagon's protest. It has a tongue, but yet it was the wheel spoke."

### Precocious Infants.

Gyer—Some of those biblical characters must have been precocious infants. Myer—What's the explanation? Gyer—Well, take Job, for example. The good book informs us that he cursed the day he was born.

# HIS LOVE STORY

By MARIE VAN VORST

ILLUSTRATIONS BY RAY WALTERS

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## SYNOPSIS.

Le Comte de Sabron, captain of French cavalry, takes to his quarters to raise by hand a motherless Irish terrier pup, and names it Pitcheoune. He dines with the Marquise d'Esclignac and meets Miss Julia Redmond, American heiress. He is ordered to Algiers but is not allowed to take servants or dogs. Miss Redmond takes care of Pitcheoune, who, longing for his master, runs away from her. The Marquise plans to marry Julia to the Duc de Tremont. Pitcheoune follows Sabron to Algiers, dog and master meet, and Sabron gets permission to keep his dog with him. The Duc de Tremont finds the American heiress capricious. Sabron, wounded in an engagement, falls into the dry bed of a river and is watched over by Pitcheoune. After a horrible night and day Pitcheoune leaves him. Tremont takes Julia and the marquis to Algiers in his yacht but has doubts about Julia's Red Cross mission. After long search Julia gets trace of Sabron's whereabouts. Julia for the moment turns matchmaker in behalf of Tremont.

## CHAPTER XX—Continued.

After a moment, in which the Marquise d'Esclignac gazed at the bougainvillea and wondered how anyone could admire its crude and vulgar color, Miss Redmond asked:

"Did you ever think that the Duc de Tremont was in love?"

Turning shortly about to her niece, her aunt stared at her.

"In love, my dear!"

"With Madame de la Maine."

The arrival of Madame de la Maine had been a bitter blow to the Marquise d'Esclignac. The young woman was, however, much loved in Paris and quite in the eye of the world. There was no possible reason why the Marquise d'Esclignac should avoid her.

"You have been hearing gossip, Julia."

"I have been watching a lovely woman," said the girl simply, "and a man. That's all. You wouldn't want me to marry a man who loves another woman, ma tante, when the woman loves him and when I love another man?"

She laughed and kissed her aunt's cheek.

"Let us think of the soldier," she murmured, "let us think just of him, ma tante, will you not?"

The Marquise d'Esclignac struck her colors.

In the hallway of the villa, in a snowy gibbet (and his clean-washed appearance was much in his favor), Hammet Abou waited to talk with the "grandmother" and the excellency.

He pressed both his hands to his forehead and his breast as the ladies entered the vestibule. There was a stagnant odor of myrrh and sandalwood in the air. The marble vestibule was cool and dark, the walls hung with high-colored stuffs, the windows drawn to keep out the heat.

The Duc de Tremont and Madame de la Maine came out of the salon together. Tremont nodded to the Arab.

"I hope you are a little less—" and he touched his forehead smiling "today, my friend."

"I am as God made me, Monsieur."

"What have you got today?" asked Julia Redmond anxiously, fixing her eager eyes upon Hammet.

It seemed terrible to her that this man should stand there with a vital secret and that they should not all be at his feet. He glanced boldly around at them.

"There are no soldiers here?"

"No, no, you may speak freely."

The man went forward to Tremont and put a paper in his hands, unfolding it like a chart.

"This is what monsieur asked me for—a plan of the battlefield. This is the battlefield, and this is the desert."

Tremont took the chart. On the page was simply a round circle, drawn in red ink, with a few Arabian characters and nothing else. Hammet Abou traced the circle with his fingers tipped with henna.

"That was the battle, Monsieur."

"But this is no chart, Hammet Abou."

The other continued, unmoved:

"And all the rest is a desert, like this."

Tremont, over the man's snowy turban, glanced at the others and shrugged. Every one but Julia Redmond thought he was insane. She came up to him where he stood close to Tremont. She said very slowly in French, compelling the man's dark eyes to meet hers:

"You don't wish to tell us, Hammet Abou, anything more. Am I not right? You don't wish us to know the truth."

Now it was the American—pitted against the Oriental. The Arab, with deference, touched his forehead before her.

"If I made a true plan," he said coolly, "your excellency could give it tomorrow to the government."

"Just what should be done, Julia," said the Marquise d'Esclignac, in English. "This man should be arrested at once."

"Ma tante," pleaded Julia Redmond. She felt as though a slender thread was between her fingers, a thread which led her to the door of a labyrinth and which a rude touch might cause her to lose forever.

"If you had money would you start

out to find Monsieur de Sabron at once?"

"It would cost a great deal, Excellency."

"You shall have all the money you need. Do you think you would be able to find your way?"

"Yes, Excellency."

The Duc de Tremont watched the American girl. She was bartering with an Arabian for the salvation of a poor officer. What an enthusiast! He had no idea she had ever seen Sabron more than once or twice in her life. He came forward.

"Let me talk to this man," he said with authority, and Julia Redmond did not dispute him.

In a tone different from the light and mocking one that he had hitherto used to the Arab, Tremont began to ask a dozen questions severely, and in his answers to the young Frenchman, Hammet Abou began to make a favorable impression on every one save the Marquise d'Esclignac, who did not understand him. There was a huge bamboo chair on a dais under a Chinese pagoda, and the Marquise d'Esclignac took the chair and sat upright as on a throne. Mimi, who had just been fed, came in tinkling her little bells and fawned at the sandals on Hammet Abou's bare feet.

After talking with the native, Tremont said to his friends:

"This man says that if he joins a Jewish caravan, which leaves here tomorrow at sundown, he will be taken with these men and leave the city without suspicion, but he must share the expenses of the whole caravan. The expedition will not be without danger; it must be entered into with great subtlety. He is either," said Tremont, "an impostor or a remarkable man."

"He is an impostor, of course," murmured the Marquise d'Esclignac. "Come here, Mimi."

Tremont went on:

"Further he will not disclose to us. He has evidently some carefully laid plan for rescuing Sabron."

There was a pause. Hammet Abou, his hands folded peacefully across his breast, waited. Julia Redmond waited. The Comtesse de la Maine, in her pretty voice, asked quickly:

"But, mes amis, there is a man's life at stake! Why do we stand here talking in the antechamber? Evident-

ly the war office has done all it can for the Capitaine de Sabron. But they have not found him. Whether this fellow is crazy or not, he has a wonderful hypothesis."

A brilliant look of gratitude crossed Julia Redmond's face. She glanced at the Comtesse de la Maine.

"Ah, she's got the heart!" she said to herself. "I knew it!" She crossed the hall to the Comtesse de la Maine and slipped her arm in hers.

"Has Monsieur de Sabron no near family?"

"No," said the Marquise d'Esclignac from her throne. "He is one of those unfamiliar beings who, when they are once taken into other hearts are all the dearer because of their orphaned state."

Her tone was not unkind. It was affectionate.

"Now, my good man," she said to Hammet Abou, in a language totally incomprehensible to him, "money is no object in this question, but what will you do with Monsieur de Sabron if you find him? He may be an invalid, and the ransom will be fabulous."

The Comtesse de la Maine felt the girl's arm in hers tremble. Hammet Abou answered none of these questions, for he did not understand them. He said quietly to Tremont:

"The caravan starts tomorrow at sundown and there is much to do."

Tremont stood pulling his mustache. He looked boyish and charm-

## CHAPTER XXI.

### Master and Friend.

Pitcheoune, who might have been considered as one of the infinitesimal atoms in the economy of the universe, ran over the sands away from his master. He was an infinitesimal dot on the desert's face. He was only a small Irish terrier in the heart of the Sahara. His little wiry body and his color seemed to blend with the dust. His eyes were dimmed by hunger and thirst and exhaustion, but there was the blood of a fighter in him and he was a thoroughbred. Nevertheless, he was running away. It looked very much like it. There was no one to comment on his treachery; had there been, Pitcheoune would not have run far.

It was not an ordinary sight to see on the Sahara—a small Irish terrier going as fast as he could.

(TO BE CONTINUED.)

### Rome's Colorful Fish Pond.

The duke of Sermoneta who is acting as president of the committee formed in Rome to promote the independence of Poland, ranks among the greatest landowners in Italy. Fogliano, his estate near the Pontine marshes, extending to 80,000 acres, mainly under grass, for the duke owns vast herds of cattle. The most productive portion of the estate, however, is a lake several miles long and about a mile in breadth, which, from the time of the Roman empire downward, has supplied fish for the market in Rome. Whenever there is a flood by rain on the hills the lake overflows through a narrow channel into the sea. The sea fish find their way through into the lake, and remain to fatten in the fresh water, and then are captured on their return by an ingenious labyrinth constructed of reeds into which they swim. They are of the best kind—chiefly gray mullet.

And That Spoiled It.

Douglas Fairbanks went to a social affair the other night and an admiring woman cornered him.

"Oh, Mr. Fairbanks," she said, "your acting is wonderful."

"Thank you," he replied.

"It's marvelous how you bring out the different emotions."

"I'm glad you appreciate my work."

"Yes, indeed, you are a great actor."

"You are indeed complimentary."

"And do you know," the woman rattled on, "I have a little five-year-old son at home who acts exactly like you do."

ing, withal serious beyond his usual habit. His eyes wandered over to the corner where the two women stood together.

"I intend to go with you, Hammet Abou," said he slowly, "if it can be arranged. Otherwise this expedition does not interest me."

Two women said: "Oh, heavens!" at once.

Robert de Tremont heard the note of anxiety in the younger voice alone. He glanced at the Comtesse de la Maine.

"You are quite right, Madame," he said, "a man's life is at stake and we stand chaffing here. I know something of what the desert is and what the natives are. Sabron would be the first to go if it were a question of a brother officer."

The Marquise d'Esclignac got down from her throne, trembling. Her eyes were fixed upon her niece.

"Julia," she began, and stopped.

Madame de la Maine said nothing.

"Robert, you are my godson, and I forbid it. Your mother—"

"—is one of the bravest women I ever knew," said her godson. "My father was a soldier."

Julia withdrew her arm from the Comtesse de la Maine as though to leave her free.

"Then you two girls," said the Marquise d'Esclignac, thoroughly American for a moment, "must forbid him to go." She fixed her eyes sternly upon her niece, with a glance of entreaty and reproach. Miss Redmond said in a firm voice:

"In Monsieur de Tremont's case I should do exactly what he proposes."

"But he is risking his life," said the Marquise d'Esclignac. "He is not even an intimate friend of Monsieur de Sabron!"

Tremont said, smiling:

"You tell us that he has no brother, marraine. Eh bien, I will pass as his brother."

A thrill touched Julia Redmond's heart. She almost loved him. If, as her aunt had said, Sabron had been out of the question . . .

"Madame de la Maine," said the Marquise d'Esclignac, her hands shaking. "I appeal to you to divert this headstrong young man from his purpose."

The Comtesse de la Maine was the palest of the three women. She had been quietly looking at Tremont and now a smile crossed her lips that had tears back of it—one of those beautiful smiles that mean so much on a woman's face. She was the only one of the three who had not yet spoken. Tremont was waiting for her.

Hammet Abou, with whom he had been in earnest conversation, was answering his further questions. The Marquise d'Esclignac shrugged, threw up her hands as though she gave up all questions of romance, rescue and disappointed love and foolish girls, and walked out thoroughly wretched, Mimi tinkling at her heels. The Comtesse de la Maine said to Julia:

"Ma chere, what were the words of the English song you sang last night—the song you told me was a sort of prayer. Tell me the words slowly, will you?"

They walked out of the vestibule together, leaving Hammet Abou and Tremont alone.

Philosophy at the Front.

War, apparently, is a great trainer in eligibility for the "Don't Worry" club.

Owen Johnson, back from the French lines, reports that "the principal occupations of the soldiers when not in the trenches are eating and sleeping—not worrying about the war. A visitor in France hears more hearty laughter in an hour at the front than in a week behind the lines."

Soldiers must take things as they come and give little thought to what is coming if they would be anything but absolutely miserable. That necessity is mother of the philosophy which takes little thought of the morrow or the next minute.—Buffalo Enquirer.

Historic Houses.

The Grange, the country seat of Alexander Hamilton, occupied by him 1802-04, is still standing. It has been moved from its original location, the west side of the present Convent avenue, between One Hundred and Forty-second and One Hundred and Forty-third streets, to One Hundred and Forty-first street and Convent avenue, next to St. Luke's church. The Frederick Phillips house is not standing. We can find no record to identify any house occupied by George Nash, Frances' tavern, now owned by the Sons of the Revolution, has been restored in a measure to its original design, and the famous "Long room," where Washington took farewell of his officers, remains intact.

Pursuing Mental Hygiene.

Believing that many persons at present confined in institutions for mental defectives could be completely cured if more humane methods of treatment were used, the Rockefeller foundation will conduct an investigation this winter into the custody and treatment of insane in state institutions, according to part four of its annual report.

It will be the plan of the foundation to obtain a universal system of handling mental defective cases. Dr. Thomas W. Salmon of the United States public health service has obtained a leave of absence from the government to take charge of the work. He will be responsible to the national committee for mental hygiene, which is composed of trustees of the foundation.

Rich Manchurian Coal Fields.

The Fushun coal fields of Manchuria, operated by Japanese, are believed to be the richest in the world, containing more than 80,000,000 tons of bituminous fuel.

## USE FOR OLD LAMPS

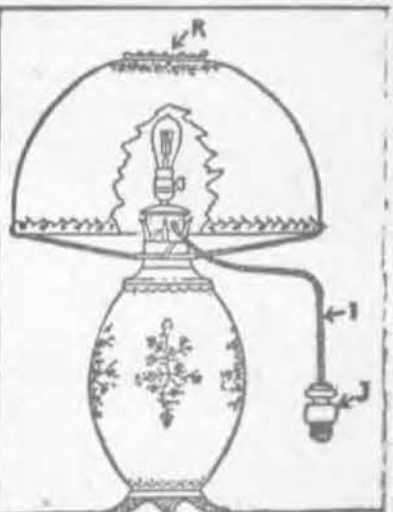
Economic Idea That Is Worth Thinking About.

Simple Matter to Convert an Oil Lamp Into One That Can Be Used With Electricity—Simple Directions to Follow.

Do not discard your kerosene oil table lamps when you install an electric lighting system. Your oil lamps can be converted into beautiful electric lamps by means of a simple attachment, as shown in the accompanying illustration.

The attachment can be made with as many as four sockets of either the rotary or pull-chain type. The latter is preferable. If the shade be small or shallow, small bulb lamps can be used in the shape of a ball, containing candle power or wattage equal to that of the lamp type.

The attachment is set in the chimney holder, and in the same manner as the chimney would set. The electric equipment to the lamp does not by any means dismantle any of the oil attachments. The lamp still con-



tinues to be as it was, and can be used in emergency, if the electric service should happen to go out of commission.

A standard key-socket is fastened to a brass bushing secured to the center of a brass plate, flat or crowned, that covers a brass tube one and one-half inches high and in diameter to fit into the chimney holder. The wire is led up to the socket through a hole in the side of the brass tube. In the accompanying diagram I is a reinforced flexible wire with rubber insulation covered with silk or cotton to match the surroundings; J, attachment plug that will fit any socket that is now in general use; K, if opening happens to be extra large at this point, place a piece of mica or glass with color to match the shade.—New York World.

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## Your First Duty

is to your Stomach, as this important organ controls your health, your strength and general happiness.

For any Stomach or Bowel weakness try

## HOSTETTER'S Stomach Bitters

### Tobacco and the War.

Much as the man in the trenches would like to smoke, he cannot smoke nearly so many cigars and cigarettes as he would at home. War has cut down very heavily the tobacco bill of all Europe.

Uncle Sam is one of the biggest tobacco salesmen on earth, but since the fighting began our sales of the weed have fallen a quarter. Measured by our exports, the soldiers at the front are saving \$50,000 a day on American tobacco alone.

In the grand economy of things this reduction of the smoke bill weighs but a trifle against the destruction elsewhere. It profitteth little to save a dollar on tobacco and squander a hundred on powder and shot.

## What to Do For Itching Skins

Eczema, ringworm and other itching, burning skin eruptions are so easily made worse by improper treatment that one has to be very careful. There is one method, however, that you need not hesitate to use, even on a baby's tender skin—that is, the resinol treatment. Resinol is the prescription of a Baltimore doctor, put up in the form of resinol ointment and resinol soap. This proved so remarkably successful that thousands of other physicians have prescribed it constantly for over twenty years.



Resinol usually stops itching instantly, healing the eruption quickly, unless it is due to some serious internal disorder. Resinol Ointment and Resinol Soap can be bought at any druggists, and are not at all expensive. Write for free sample, Dept. 6-S, Resinol, Baltimore, Md.—Adv.

### Kerosene Put Out Fire.

A bale of cotton when compressed for shipment abroad has the density of an oak plank.

Recently in California a large quantity of baled cotton became ignited, and, as is always the case, the fire ate into the center of the bale. The density of the cotton will allow water to penetrate the bale only very slowly.

Kerosene will penetrate the fibers very fast and, knowing this fact, kerosene was used and the supply of oxygen which was necessary to the fire cut off. It was successful and the greater portion of the cotton saved.

## WOMAN AVOIDS OPERATION

Medicine Which Made Surgeon's Work Unnecessary.

Astoria, N. Y. — "For two years I was feeling ill and took all kinds of tonics. I was getting worse every day. I had chills, my head would ache, I was always tired. I could not walk straight because of the pain in my back and I had pains in my stomach. I went to a doctor and he said I must go under an operation, but I did not go. I read in the paper about Lydia E. Pinkham's Vegetable Compound and told my husband about it. I said 'I know nothing will help me but I will try this.' I found myself improving from the very first bottle, and in two weeks time I was able to sit down and eat a hearty breakfast with my husband, which I had not done for two years. I am now in the best of health and did not have the operation."—Mrs. JOHN A. KOENIG, 502 Flushing Avenue, Astoria, N. Y.



Every one reads the surgeon's knife and the operating table. Sometimes nothing else will do; but many times doctors say they are necessary when they are not. Letter after letter comes to the Pinkham Laboratory, telling how operations were advised and were not performed; or, if performed, did no good, but Lydia E. Pinkham's Vegetable Compound was used and good health followed.

If you want advice write to Lydia E. Pinkham Medicine Co. (confidential), Lynn, Mass.

## STORY OF TWO WATERMELONS

Englishman Was Perfectly Satisfied He Knew What He Wanted in Ordering His Dinner.

That familiar things have different names in different countries was discovered by an Englishman while he was visiting the United States. Thus he tells the story of the watermelons: "I was eating dinner in an eastern city, and saw on the menu, 'Watermelon.' We have watermelons in England, but they are what you in America call 'muskmelons.' Therefore I called the waiter and said: 'Bring me two watermelons.'"

The dusky waiter's eyes grew large, and he protested: "But, sah, you don't want two watermelons!"

"I am not accustomed to have waiters tell me what I want. I know perfectly well what I wanted. I saw some people at the next table smile at each other, and I was vexed. Therefore I replied to the waiter with much dignity: 'I want two watermelons.'"

The waiter seemed about to protest again, but thought better of it, and went away. While he was gone, I looked round and found everyone with in hearing distance smiling curiously. Looking further, I saw another waiter setting down before another man a plate containing an immense round of something green outside and bright red within. Then I spied my own waiter returning, bearing on each up-lifted palm an immense green oval. No wonder the people smiled! The smile was about to become a laugh. I thought I would die! Then an idea came to me! When the waiter reached my place, I looked at his burden quite judicially, tapped each of those elephantine "watermelons," and then gave my order in a calm, decided tone: "Bring me a slice from this one."—Youth's Companion.

### No Time for Courtesy.

"I noticed," said the husband, "you didn't say 'thank you' to the man who gave you his seat in the car this evening."

"No," replied the wife; "you see, I once stopped to say thank you, and by the time I had done so I found that another woman had the seat."

### Reassuring.

Nervous Old Lady (on small English railway)—Oh, dear! How we're rocking! I'm sure an accident will happen to this train!

Elderly Aborigine—It's along o' their bein' short-handed w' skilled men, mum, so my son 'e offered to drive just to oblige and (confidentially) I don't think 'e knows much about it.—Passing Show.

### Assisting a Selection.

"Hurry up, now," he growled, "and order what you want."

"But I can't tell what I want," she complained. "This menu is so confusing. It offers oysters in all styles, but I can't tell what style I want from the menu."

"Well, maybe the waiter can show you some fashion plates."

### He Struck Out.

Jagreen—I saw you talking to Borrows on the street this morning.

Bilbrow—Yes.

Jagreen—Did he strike you for a loan?

Bilbrow—Not exactly. He struck at me, but never touched me.

### How It Was Done.

"For years," said the actor man, "I have tried in vain to elevate the stage."

"That's an easy matter," replied the young architect.

And the very next day he proceeded to draw plans for the original roof garden.

### ABSOLUTELY BRUTAL.



"He seems pretty heartless."

"Heartless! Why, say, that man hasn't any more heart than a taxi meter!"

### Civic Rivalry.

"How is the rivalry between Plunkville and Plinktown as to population?"

"As keen as ever. One of our girls married a Plinktown man and moved there, thus reducing Plunkville's population. But we immediately designated four Plunkville boys to court Plinktown girls."

### Wherein They Differ.

Little Lemuel—Paw, what's the difference between a farmer and an agriculturist?

Paw—A farmer, son, makes his money on a farm and spends it in the city; an agriculturist makes his money in the city and spends it on a farm.

## For Sprains, Strains or Lameness

Always Keep a Bottle in Your Stable



## HANFORD'S Balsam of Myrrh

For Galls, Wire Cuts, Lameness, Strains, Bunches, Thrush, Old Sores, Nail Wounds, Foot Rot, Fistula, Bleeding, Etc., Etc. Made Since 1846. Ask Anybody About it. Price 50c and \$1.00

OR WRITE All Dealers G. C. Hanford Mfg. Co. SYRACUSE, N. Y.

For a land that is rich in minerals of all kinds the United States seems to have a very poor output of precious or semiprecious stones. About the best that we can do is to produce plenty of turquoise, and of this the mines last year yielded \$4,000 more than the year before. Diamonds in the rough were once picked up in Kansas and opals and rubies in one or two of the southern states, but the unromantic government experts, after an investigation, informed the purchasers of the "mines" that they had been "let in on rather crudely salted properties." But that the prospectors are busy in this country may be gathered from the recent discovery of turquoise deposits in Nevada, pink beryl in Maine, stone in Arizona and amazon stone at White Plains, just north of this city.—New York Sun.

UGH! A DOSE OF NASTY CALOMEL

It salivates! It makes you sick and you may lose a day's work.

You're bilious, sluggish, constipated and believe you need vile, dangerous calomel to start your liver and clean your bowels.

Here's my guarantee! Ask your druggist for a 50 cent bottle of Dodson's Liver Tonic and take a spoonful tonight. If it doesn't start your liver and straighten you right up better than calomel and without griping or making you sick I want you to go back to the store and get your money.

Take calomel today and tomorrow you will feel weak and sick and nauseated. Don't lose a day's work. Take a spoonful of harmless, vegetable Dodson's Liver Tonic tonight and wake up feeling great. It's perfectly harmless, so give it to your children any time. It can't salivate, so let them eat anything afterwards.—(Advt.)

## VALUABLE HORSE HINTS

Repose Almost as Essential as Good Feed and Water.

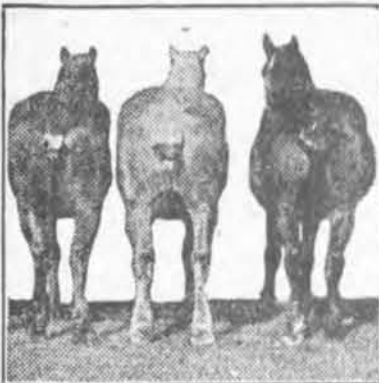
Colt is Not Safe for Women, Children or Inexperienced Men to Handle—Study Conformation and Breeding of Mares.

All horses, when turned out in pasture, are more prone to take their rest lying down than when confined in stable stalls, says a writer in Inland Farmer. But even when practically free from human restraint and observation, or any likelihood of danger, they seldom take more than an hour each and that period is generally indulged in about midnight.

A noted veterinarian says: "There are some curious facts regarding the disposition of horses in the matter of lying down. To a hard-working horse repose is almost as much of a necessity as good food and water, but tired as he may be, he is an animal very shy about lying down. I have known instances where stablemen declared that the horses in their charge had never been known to take rest in that manner, but always slept standing.

In purchasing a general purpose horse, which will be used when railroad, electric cars and autos are to be met, don't buy a colt, because no young horse is safe for women, children or inexperienced men to handle.

Don't buy until you have driven, or have seen the horse driven, near enough to these objects of terror to be certain that he will pass them without trying to smash up things. Better



Superior Type for Farm Work.

go to some reliable dealer, tell him exactly what you want and then buy under a full guaranty, with the privilege of returning the animal at some reasonable time, if he doesn't come up to the mark.

Greater efficiency in the field is secured by matching horses according to their working character, even if they do not look alike.

The man who tries to keep a horse in even good working order on grasses alone is attempting an impossibility. Study the conformation and disposition of your mares as well as their breeding, and learn, if possible, the kind of stallion they should be mated with to secure the best results.

No matter how big the jack may be, he cannot sire large draft mules from the ordinary run of mares common on the majority of farms.

## PROPER TYPE IS ESSENTIAL

Refers to Sheep Possessing Mutton and Wool Characteristics—Secure Purebred Ram.

Unity of type in the flock should be the direct aim of every breeder. This applies to grades as well as purebreds, and refers to the selection of a type of sheep, possessing similar mutton and wool characteristics. With pure breeds this feature is especially important. In a flock of sheep where several types obtain, choice of a suitable ram is most difficult. Besides, disparity in this respect detracts from the general appearance of the flock and gives the buyer or casual observer an unfavorable opinion, writes T. R. Arkell in Farm, Stock and Home. Every breeder should aspire to produce a distinctive type. He should endeavor to breed a class of sheep possessing characteristics that, wherever the animals are, they will be recognized as his breeding. But to attain this he should never uphold some fancy character in preference to utility features. No feature should be given undue prominence beyond another, especially one that is purely ornamental. The establishment of an ultra form of some fashionable characteristic has at times become an obsession with many breeders of purebred sheep, and this sin (for it cannot be called anything else) must be avoided. The ultimate destination of most purebred rams is at the head of grade flocks, and their utility features should only be taken into consideration.

When discovered by the British in 1497-98 Nova Scotia was not named. A few years later it was settled by the French, who called it Acadia. It passed to the English by the treaty of Utrecht, in 1713, and they changed the name from Acadia to Nova Scotia. This name was first used in a grant made by King James I, who was born in Scotland, and chose a name in honor of his native country. The royal grant under the name was made to Sir William Alexander, a Scot, who wrote poor poetry, and was created Lord Stirling by King James

USE THIS TO FILL THIS

KOW-KURE

EXCLUDE AIR FROM THE SILO

Prevents Formation of Acetic Acid Which Causes Feed to Sour—Cut in Short Lengths.

Packing the ensilage well improves it. It is the air in the ensilage that spoils it, and the more air in it the more acetic acid is formed. This is the acid that makes it sour. The less air the less acetic acid and the more lactic acid, which is the most desirable. The tramping in compacting the ensilage leaves less room for air and so makes better ensilage. Cutting the ensilage fine makes it pack better. Half to three-quarter inch lengths are the most satisfactory

Girls as Telegraph Messengers. The juvenile employment committee of the Liverpool education committee announces that it has arranged with the postmaster to provide him during the period of war with a number of girls as telegraph messengers in suburban post offices, and it invites large firms hitherto employing boy labor to make a similar experiment.

It is pointed out that the placing of boys in good situations presents no difficulty. There were but recently 249 boys seeking employment and 306 employers seeking boys, this being a complete reversal of the state of things a year ago. On the other hand, there were 32 vacancies in the girls' department and 465 applicants for them. The problem presented by these hundreds of unemployed girls is giving the committee the greatest anxiety.—Philadelphia Evening Telegraph.

### SAVE YOUR HORSES

From Distemper, Mountain Fever, and all other forms of Contagion by using Spohn's Distemper Compound. Put on the tongue or in the feed. Safe at all times for all ages and sexes, under all conditions. Same for Dog Distemper and Chicken Cholera. Acts on the blood, expels the germs. Removes worms from stomach and intestines. A fine tonic and appetizer. Absolutely safe, even for human beings. Over 1,000,000 bottles sold last year. Greatest cure and preventive ever known for Contagious diseases. Nearly every one knows Spohn's. Over 15 years on the market. Have you used this great remedy? Why not? It is not an experiment. Try it; be convinced; let "Spohn's" help you save and make money. All wholesale druggists handle it. Your home druggist can supply you, or write to manufacturers, with price enclosed. A bottle, 50c, and \$1.00; \$5.00 and \$10.00 the dozen. Local agents wanted. Spohn Medical Co., Goshen, Ind., U. S. A.

### Value of Slate.

Slate has long been recognized as a most valuable roofing material, not only for its wearing qualities, due to the fact that it is a non-absorbent stone and therefore does not admit the factors of decay, but also because of its architectural value in lending itself to the development of various and attractive color schemes, says the Cleveland Plain Dealer. Nature did not handicap slate beds by forming all of them in one color. Here it is lavished red, there unfading green or purple and yonder the coal black or rustic gray.

Of late the public agitation over the matter of fire prevention, brought forcibly home by such stupendous losses as we have suffered in the conflagrations at San Francisco, Chicago, Chelsea and Salem, has brought emphasis on the fireproof qualities of slate. All over fire chiefs are calling: "Give us fireproof roofs and the conflagrational hazard will be reduced to a minimum." When building codes heed their cry slate roofs will help solve the fire problem.

Have Healthy, Strong, Beautiful Eyes. Oculists and Physicians used Murine Eye Remedy many years before it was offered as a Domestic Eye Medicine. Murine is Still Compounded by Our Physicians and guaranteed by them as a Reliable Relief for Eyes that Need Care. Try it in your Eyes and in Baby's Eyes—No Smarting—Just Eye Comfort. Buy Murine of your Druggist—accept no Substitute, and if interested write for Book of the Eye Free. MURINE EYE REMEDY CO., CHICAGO

### Greek Surnames.

To the average man the names of the new Greek ministers may prove bewildering, but to the initiated they reveal a good deal. Until after the war of liberation a century ago few of the Greek population had surnames, and a recent generation created their patronymics by various methods, but generally by adopting the name of their trade or birthplace, to which their successors have added the terminal "opontos," "idos," "akes," or "akos," equivalent to our English "son." Most Greek surnames summarize the family history.

DON'T SCRATCH. OXALINE quickly relieves all skin irritations, Eczema, Ulcers, Poison Ivy, etc. Price \$1.50. Write Dr. Gunn, 4427 Page, St. Louis, Mo.—Adv.

When discovered by the British in 1497-98 Nova Scotia was not named. A few years later it was settled by the French, who called it Acadia. It passed to the English by the treaty of Utrecht, in 1713, and they changed the name from Acadia to Nova Scotia. This name was first used in a grant made by King James I, who was born in Scotland, and chose a name in honor of his native country. The royal grant under the name was made to Sir William Alexander, a Scot, who wrote poor poetry, and was created Lord Stirling by King James



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AUTOCAR, KNOX and B-R TRACTORS

## What Does Catarrh Mean?

It means inflammation of a mucous membrane somewhere in the head, throat, bronchial tubes, stomach, biliary ducts or bowels. It always means stagnant blood—the blood that is full of impurities. Left alone, it extends until it is followed by indigestion, colds, congestion and fever. It weakens the system generally and spreads its operations until systemic catarrh or acute illness is the result.

## PERUNA

Is the nation's reliable remedy for this condition. It restores appetite, aids digestion, checks and removes inflammation, and thus enables the membranes, through which we breathe and through which our food is absorbed, to do their work properly. Forty-four years of success, with thousands of testimonials, have established it as the home remedy—Ever-Ready-Take. Its record of success holds a promise for you.

THE PERUNA COMPANY  
Columbus, Ohio  
You can obtain Peruna in tablet form for convenience

No Kick Coming.  
First Traveler—How do you find business in your line?  
Second Traveler—Oh, I have no cause for complaint. I'm doing a rattling business.  
First Traveler—What's your line?  
Second Traveler—I'm one of the end men in a minstrel show.

## RAW FURS

Ship Direct to New York, the International Fur Market, and Secure the Highest Cash Prices.

Why ship to the middleman, who must eventually sell your furs in New York and make his profit out of you? We pay the highest market price. Our methods of grading are usually liberal. We never charge commission, giving you full value for your furs.

Write for our price list and send it off.

DAVID BLUSTEIN & BRO.  
228 W. 27th St. New York, N. Y.

## TYPHOID

is no more necessary than Smallpox. Any experience has demonstrated the almost miraculous efficacy of the almost innocuous effluvia, and harnessing of Antityphoid Vaccination. Be vaccinated NOW by your physician, you and your family. It is more vital than house inspection. Ask your physician, druggist, or send for "Have you had Typhoid?" telling of Typhoid Vaccines, results from use, and danger from Typhoid Carriers. THE KEELY LABORATORY, BENDLEY, CALIF. BROCHURES FREE AND SENDS US A 50¢ LICENSE

## For DRUNKENNESS

AND ALL DRUG ADDICTIONS. No sickness, no publicity. Ladies treated as privately as their own homes. Send for free booklet. THE KEELY INSTITUTE 2400 W. Pico St. Los Angeles

## MACHINERY BARGAINS

ON ACCOUNT OF DISSOLUTION OF PARTNERSHIP we offer GREAT BARGAINS in the following:

One 100 h. p. steam engine, 1 1/2 and 2 1/2 h. p. gas engines, 4 tractors, pumps, etc. etc. 2 1/2 h. p. and 1 1/2 h. p. m. m. h. p. boiler, high pressure steam valves, iron and wooden pulleys, pumps, shafting, a lot of engine and pump parts, all sizes of new and second-hand pipe.

KELLY MACHINERY CO.  
324 Mission Road, Boyle 128, Alhambra

## FARMERS WANTED

VICTORIA, AUSTRALIA, offers special inducements. Government land, water, railways, free schools, \$14 years to pay for farms adapted to alfalfa, corn, sugar beets, fruit, etc. Climate like California. Ample markets. Reduced passages for approved settlers. Free particulars from F. T. A. Fricks, Government Representative from Victoria, 637 Market St., San Francisco, Cal. Box 52.



## MENOMINEE MOTOR TRUCKS

for all Kinds of Service

1500 lbs. capacity -- \$1350 with body  
2000 lbs. capacity -- 1700 with body  
2500 lbs. capacity -- 1825, Chassis  
4000 lbs. capacity -- 2390, Chassis

Agents Wanted in Unassigned Territory

F. M. SINSABAUGH, Distributor  
1017-19 So. Olive St. Los Angeles

L. A. N. U. 1916—No. 5

## Bronchial Coughs

The prostrating cough tears down your strength.

The clogged air-tubes directly affect your lungs and speedily lead to pleurisy, pneumonia, consumption.

SCOTT'S EMULSION overcomes bronchitis in an easy, natural way. Its curative OIL-FOOD soothes the inflamed membranes, relieves the cold that causes the trouble, and every drop helps to strengthen your lungs.

All Druggists Have It 14-4 REFUSE SUBSTITUTES

SCOTT & BOWNE, BLOOMFIELD, N. J.



# The Patagonia Commercial Company

DEALERS IN  
**GENERAL MERCHANDISE**

**Mining Supplies,**  
Groceries, Dry Goods, Shoes, Clothing and  
Furnishings  
HAY AND GRAIN

**Drugs and Patent Medicines**  
Wholesale and Retail Orders Attended to Promptly

**The Patagonia Commercial Co.**  
"ON THE CORNER" PATAGONIA, ARIZ.

## Santa Cruz Patagonian

Subscription \$2.00 a year.

Entered at the postoffice at Patagonia, Arizona, as second-class mail matter.

J. B. PRICE - EDITOR AND OWNER

### What Safety First Means

It means that fatalities in industrial life shall only be one where formerly there were ten. That the making of widows and orphans, of cripples and hapless suffering wrecks of what were once strong men shall be reduced to the minimum. That the suffering and hardship imposed upon the worker and his family by his accidental injury shall be lessened. That his loss of time and wages, of health and strength, may be brought to the lowest possible amount.

It means that with fewer accidents the employer shall have a corps of steady, efficient workmen. That the workmen shall have a fuller pay check. That his life shall be free from that haunting vision of his injury through accident. That his wife and little ones may be happier in the thought that the husband and father runs little risk in following his vocation. That the community will be benefited by having its citizens steadily employed.

It means a decided reduction in the large sums spent annually upon hospitals, surgeons, nurses and first aid corps, upon damage suits and compensation payments. That the trips of the ambulance and the dead wagon shall be few and far between, and that this saving in money shall redound to the general good.

It means to both employer and employee a wonderful thing in that it brings them assurance, comfort, money and health. The employer has less worry and a larger bank account; the employee is assured of living to enjoy the fruits of his labor.

It means that mothers shall have the comforts due them in their age. That wives shall not unnecessarily become untimely widows. That children shall have fathers to provide for them when they need their care and protection most—when they are young. It also means that cripples and helpless wrecks shall not be considered a by-product of the mining industry.

Those interested in the promotion of safety first should request to be put on the mailing list for the State Safety News as it is published monthly and distributed free by the State Bureau of Mines at Tucson, Arizona.

### Progress of the Youngsters

The following verses, written by pupils in the fifth grade, show splendid progress of these students in the Patagonia schools. Scholars in this grade are little chaps. The first verse was given the pupils from the text-book, and the additional verses were composed by them:

**THE WIND.**  
I saw you toss the kites on high,  
And blow the birds across the sky;  
And all around I heard you pass,  
Like ladies' skirts across the grass.  
O wind, a-blowing all day long;  
O wind, that sings so loud a song!

I saw you blow the leaves away;  
You kept a-blowing all the day,  
And as the children go to play,  
I saw you blow their hats away.  
You make the cattle go to drink,  
And make the children think and think.

I saw the clouds a-flying by,  
And toss the green twigs up on high;  
And all around I heard you come and go,  
Like fairies walking in the snow;  
O wind, a-floving all the live long day,  
O wind, what is it you seem to say?

I saw you toss the leaves on high,  
And blow the twigs into the sky;  
And I hear you as you come and go,  
Like fairies walking in the snow.  
O wind that tosses everywhere;  
A wind that does not seem to care.

**ELGIN**

Rev. Gallette, of Benson, will preach Sunday morning at 11 o'clock, and in the evening at 7:30, at Fruitland hall near Elgin. Coming so far to preach, we hope he may have as large an audience as has ever assembled at Fruitland Hall.

The Colonial supper, program and financial proceeds were very satisfactory.

### Notice for Publication

018692-024384  
Department of the Interior, U. S. Land Office at Phoenix, Arizona, February 24, 1916.

Notice is hereby given that Mark Manning, of Sonoita, Arizona, who on July 19, 1912, made Org. Hd. No. 018692, and on Feb. 13, 1914, Add'l. Hd. No. 024384, for S 1-2 NE 1-4, SE 1-4 SW 1-4, Sec. 6; E 1-2 NW 1-4, NE 1-4 SW 1-4, N 1-2 SE 1-4, Section 7, Township 20 S., Range 17 E., G&SR Meridian, has filed notice of intention to make three year proof, to establish claim to the land above described, before W. A. O'Connor, U. S. Commissioner, at Nogales, Arizona, on the 1st day of April, 1916.

Claimant names as witnesses: Ernest R. Purdum, Thomas P. Thompson, Arcus Redloch (3), of Nogales, Ariz., and Minerva A. Carver, of Sonoita, Arizona.  
THOMAS F. WEEDIN, Register.  
First publication March 3, 1916.

NO newspaper can succeed without advertising, therefore we solicit the patronage of our readers for those who by their advertising help to make this paper possible.

### ADDITIONAL LOCAL

Mr. and Mrs. P. L. McIntyre visited Tombstone Sunday.

A number of out of town people were in to attend the dance in Patagonia last Saturday night. A good time is reported.

Charley Cady, who was confined to his room last week with sickness, is out again this week.

Mr. and Mrs. Geo. B. Hosier and little son are registered at the Commercial Hotel this week from Douglas.

J. W. Miller, manager of the Patagonia Lumber company, and Patsy Patterson were Tucson visitors Sunday, going up in Mr. Miller's Detroit.

Mr. and Mrs. S. R. Montgomery are in town this week from the East. Mr. Montgomery is looking over the mining opportunities here, and may conclude to locate permanently in the district.

Misses Leda Beaty and Mildred McFarland from Elgin, accompanied by Messrs. Clarence and Roland Beaty, attended the dance at Cady's Hotel last Saturday evening.

Mrs. Clyde McPherson and Miss Kundo went to Nogales on Saturday evening's train to be with their father, Mr. Julius Kundo, the well known cattleman, who had been sick in Nogales for some time, and who died Wednesday.

Dr. Henry A. Malley, a returned missionary from the South Sea Islands, gave a lecture in the school house last Saturday night, illustrated by stereopticon slides, of life among the cannibals in savage Papau. The lecture was largely attended.

### Notice for Publication

019645-024624  
Department of the Interior, U. S. Land Office at Phoenix, Ariz., Feby. 14, 1916.

Notice is hereby given that William D. Corson, of Sonoita, Arizona, who on November 12, 1912, made Org. Hd. No. 019645; on Mar. 16, 1914, Add'l. Hd. No. 024624, for S 1/2 NE 1/4, NE 1/4 NE 1/4, E 1/2 SE 1/4, E 1/2 NW 1/4, SW 1/4 NW 1/4, Section 17, Township 20 S., Range 17 E., G&SR Meridian, has filed notice of intention to make three year proof, to establish claim to the land above described, before W. A. O'Connor, U. S. Commr., at Nogales, Arizona, on the 18th day of March, 1916.

Claimant names as witnesses: Richard F. Fossett, Frank G. Geiger, both of Sonoita; Alvin Cring, of Tucson, Ernest R. Purdum, of Nogales, Ariz.  
THOMAS F. WEEDIN, Register.  
First publication Feb 18 '16-3-17

### Notice for Publication

021131-024827  
Department of the Interior, U. S. Land Office at Phoenix, Arizona, Feby. 16, 1916.

Notice is hereby given that Herbert J. Passou, of Sonoita, Arizona, who on Feb. 5, 1913, made Org. Hd. 021131, and Apr. 10, 1914, add'l. Hd. No. 024827, for Lots 1, 2, 3, 4, E 1-2 SW 1-4, W 1-2 SE 1-4, Section 31, Township 20 S., Range 17 E., G&SR Meridian, has filed notice of intention to make three year proof, to establish claim to the land above described, before W. A. O'Connor, U. S. Commissioner, at Nogales, Arizona, on the 28th day of March, 1916.

Claimant names as witnesses: Charles Brossart, Geo. J. White, both of Sonoita; and T. P. Thompson, E. Johnson, both of Nogales, Ariz.  
THOMAS F. WEEDIN, Register.  
First publication Feb. 25 '16-3-24

### Notice for Publication

015323-025023  
Department of the Interior, U. S. Land Office at Phoenix, Arizona, Feby. 9, 1916.

Notice is hereby given that Emma Mason Irving of Elgin, Arizona, who on October 2, 1911, made Org. Hd. 015323, and on May 21, 1914, add'l. Hd. No. 025023, for Sw 1/4 Sw 1/4, Sw 1/4 Sec. 17; W 1/2 NW 1/4, NW 1/4 Sw 1/4, Section 20, Township 20 S., Range 18 E., G&SR Meridian, has filed notice of intention to make three year proof, to establish claim to the land above described, before W. A. O'Connor, U. S. Commissioner, at Nogales, Arizona, on the 17th day of March, 1916.

Claimant names as witnesses: Allen T. Bird, Raymond E. Earhart, Edward L. Mix, Charles V. Fowler, all of Nogales, Arizona.  
THOMAS F. WEEDIN, Register.  
2-11-16

## COMMERCIAL HOTEL

UNDER MANAGEMENT OF THE OWNERS

Comfortable, Clean, Quiet

# ROOMS

Dining Room in connection

Patagonia - Arizona

## NOTICE

Having taken over the Nogales Cleaning Works, formerly owned by F. J. Taylor, I am in a position to handle all kinds of Cleaning, Pressing, Repairing and Altering of Ladies' and Gentlemen's Clothing. My Tailoring Department is in charge of MR. GEORGE CONOVER, formerly with the Kahn Tailoring Company, of Indianapolis, Indiana.

I have the most modern machinery for thoroughly cleaning and dyeing ladies and gentlemen's clothes. I have the latest block and trimmings for renovating and dyeing hats. My Motto Will Be: *Prompt Service; High Class Work*  
Your patronage solicited. Very respectfully,

Geo. Conover R. T. STUMP H. R. Chatham  
138 1/2 Arroyo Blvd. Local Agent at Patagonia. All work  
Nogales, Ariz. given him will receive prompt attention

## STAG BARBER SHOP

Geo. Januel, Prop. - Nogales, Ariz.

Hot and Cold Baths

## ASSAYS

(REVISED PRICES)

Gold or Silver.....75c. Gold and Silver.....\$1.  
Lead or Copper (by best methods).....\$1.  
Lead or Copper with Gold and Silver.....\$1.50  
Lead, Copper, Gold and Silver in same sample.....\$2.00

Prompt and Accurate Work

Hugo W. Miller, Nogales, Arizona.

## GEO. B. MARSH, Inc.

Nogales, Ariz.

Is doing business at the old stand and selling

**Furniture and Hardware**

Tinware, wall paper, window shades, glassware, crockery, carpets, paints, oils, window glass, etc.

We carry in all lines an extensive stock, bought to the best advantage and selling at the

**Lowest Prices**

Come and see us

## Pendergrass' Amusement Parlor

Cigars and Tobaccos Pool Table Soft Drinks  
Patagonia, Arizona

## ARTHUR W. HOUCK

Box 392  
Douglas, Arizona

Assayer and Chemist

Laboratory 855 Tenth Street

Agent for ore shippers at Copper Queen and C. & A. smelters. Umpire and Control Work a specialty. Gold and Silver Bullion purchased.

## New Stock Goods

Best quality of merchandise arriving daily. We now have one of the largest and most complete stocks of General Merchandise in the County.

Have you tried any of our celebrated Colorado Case Eggs? They're guaranteed to be absolutely fresh.

We have a Car of the Justly Celebrated HIGH PATENT "SWAN DOWN FLOUR"

We offer you Groceries and other eatables that will stand the test—that will register 100 per cent pure—that are cheapest because there is no waste.

**A. S. Henderson**  
General Merchandise

PATAGONIA : : ARIZONA

## PATAGONIA MEAT MARKET

The old standby for

Fresh Beef, Mutton, Pork  
and Vegetables

VAL VALENZUELA SR., Proprietor

If You Are in the Market for

## Building Material

of any kind it will pay you to buy now, as lumber is advancing every day.

We carry a complete line of Doors, Windows, Building Hardware, Lime and Cement.

**PATAGONIA LUMBER CO.**

Mail Orders Promptly Shipped

## SPRING'S COMING

**GEO. T. COUGHLIN**

Is Already Here

Selling

**Royal Tailored Suits**



Copyright 1916 The Royal Tailors Chicago-New York

This Garment is Guaranteed to Fit You Perfectly

If you are not pleased with it in every respect we ask you not to accept it, not to pay one penny

## IRRIGATING MACHINERY

Pumps, Windmills, Boilers,

Steam and Gasoline Engines

Special Gas Oil

The economical fuel for Gasoline Engines

**ROY & TITCOMB, Inc.**

NOGALES, ARIZONA

**Wm. POWERS**

Mines and Mining

Thirty-three years in the district.

Properties bought and sold. Correspondence solicited. Patagonia, Arizona.

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We will guarantee you full value

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