# ABOUT THE BOERS.

# AFRICA.

# ance-Ideal of Womanly Beauty.

To those who have not lived among form any idea of the real state of privation or hard work endured by the things in the Transvaal, or to under- digger and prospector of those times. stand the thousand and one petty annoyances which infest the daily life of the English under the Boer rule. A beit a triffe stupid to the average Euro-Boer bates nothing under the sun pean. They have all our love of fashworse than an Englishman. I say Englishman, for a woman, be she English the fine shops of Johannesburg prove. or of any other race, is treated with kindness and consideration by the roughest Beer to be found in the wide of the Transvaal.

This hatred is the heritage of every Boer since the days of the first English Mules Are Vacillating Compared With invasion, two centuries ago, when General Craig was appointed the first governor of the Cape. A century previous to this, the French refugees, or Hugpenots, emigrated to the Cape. and to this blending of the Dutch and French race we owe the Boer of to-day. The patriarchial spirit which dwelt in the old French refugees and built its code and manner of living on the Bible still lives in their descendants. It has made them the scouts or pioneers of civilization in Africa, this desire to live a simple pastoral existence. For two centuries they have ben flying from the English rule, since English rule meant wealth and advancement; but the English are ever at their heels, and hence the Boer's hatred of his wouldbe conquerer and leader into a richer, fuller life.

When at last the Boer emigrant found the goal of his hopes in the wild untrodden region of the Transvaal he believed himself forever free, and settled down under the benign sway of old Andries Pretorius, to rear for himself a state after his own heart, but, alas! the irony of fate overtook him, and the poor Boer awoke one morning to find his country turned into a land of gold and diamonds, the English again at his farm gates, ready to enrich him and the whole world by their enterprise in the gold and diamond fields.

This time the Boer hearkened more readily, for the reign of the Pretoriuses father and son, had rendered the emigrant farmers more susceptible to the advances of civilization; and taught fhem the worth of money as well as the value of their land aside from its farming and sheep-rearing industries. It is needless to go into details, which have strange patterns, amid which were become matters of history now; suffice it to say that when Mr. Gladstone and down a gray background. Around practically sacrificed English interests his waist was a woven belt, now very in the Transvaal, the republic was pro- old, but of beautiful colors and workclaimed, with Kruger, Joubert and Preforing as a triumvirate. Pretoria was made the capital. Things were going very badly for the Boers; in fact, the financial state of the little republic was at a very low ebb indeed, when, at ered at South Kaap. The first reef was Sheha Reef, and in a trice a town Casapaica." sprang up-the beautiful town of Barberion. This was the first of the famous gold-reef towns, and the new order of things put new blood into the tossing another pebble. tottering fortunes of the young republic. But soon gold was discovered on the Witwatersrand, which was then tain Indians, instead of living in the thrown open as a public gold field, in which every one and any one had a right, provided they pegged out their claims and paid the taxes demanded thing of the eternal clambering up and by the Volksraad. This brings us to down.' Johanneshurg, which was, from a camp of a few struggling tents and in Ramon's hat were running low. Sudshantles, quickly converted into a town denly the brown llama turned with a and then to a city of such marvelous

The Boer has many virtues, not the least of which is that of temperance, and no doubt to this the Boer owes his splendid health and fine appearance THE PIONEERS OF CIVILIZATION IN together with that clear-headedness which has stood him such good service in the many exciting wars through which his country has passed recently. Why They liate the English So In- One of the most fatal things in a clitensely .-. How They Punish Intemper. mate like the Transvaal is the tendencyto "booze" too much. That, together with bad food and lack of sanitation, "killed off" more Englishmen in the Boers it is almost impossible to the early days of the Rand than any

> A last word for the Boer women, who are a kindly, hospitalble class, alion and predilection for shopping, as -St. Paul's Magazine.

# OBSTINACY OF LLAMAS.

# These Stubborn Brutes.

The boy called, "Un-pa!" to the llamas, lifting his finger as if to point up the trail. Ordinarily they would have obeyed; but the aggressive manner of Barton had roused their obstinacy, and they did not budge. The boy put his shoulder to the ribs of one. and heaved hard; but the brute stood its ground.

"Well, it is to wait!" said he; and ran about the path, gathering up very small pebbles until his shabby hat was full. Then he sat down on a boulder that jutted from the back, settling himself as if for a long rest. Then he threw a mild and measured pebble at each llama. They turned their heads a little and wrinkled their noses. He waited for some time and then pitched two more pebbles-which had the same effect. So he sat, slowly and mechanically tossing his harmless missiles upon the dense hair of his charges. Evidently he was in no hurry; and the two travelers, impatient as they were, had too much wisdom of experience to try to push him. They sat quietly in their saddles, watching the droll scene. It was very ridiculous to need deliverance from two stupid beasts, and to get it from such an owlish little tatterdemalion. His ragged clothing was of very thick coarse cloth; and upon his feet were the clumsy yanquis or raw hide sandals of mountain Peru, and he wore thick stockings rising to his knees. Over h's trousers was a curious garment, half aprop and half leggings; and over-sleeves of the same material. hung with a cord about his neck, came up over the elbows of his coat. These two garments were knit in very square, brown llamas wandering up manship. And his face-what a brown

# NOTES AND COMMENTS.

The British are nicknamed beefeater. not without reason. The annual consumption of meat in Great Britain pe head is 124.8 pounds, of which 65.7 i beef, 28.3 mutton, 28.6 pork, 2.2 othe kinds

Figures just compiled show that dur ing the year 1893 seventy-four rail roads, aggregating 29,340 miles of track became insolvent, while the totals for 1895 show only thirty-one roads placed in the hands of receivers, covering 4. 089 miles of track.

A savings bank of New York keeps : record of its depositors. During the year 1894 there was only one actor. while there were 1,392 tailors; there was but a single editor, while there were 725 laborers; there was but one barding-house keeper and 337 peddlers There were lots of shoemakers, bakers, barbers, waiters, cigarmakers, but very few musicians, liquor dealers, lawyers or policemen. Only five policemen, five lawyers and one soldier.

Last year the state of Mississippi bought three large tracts of land upon which to set its 250 convicts to work under the direct supervision of the state authorities. The result was that the state received 3,200 bales of cotton of 500 pounds each, 50,000 bushels of corn, 1.100 tons of hay, 47,000 pounds of pork, 55 barrels of molasses and 2,200 bushels of peas, all of which sold for \$115,000. The cost of the land and the expenses of the year for farming utensils, live stock, etc., amounted to \$95,000, leaving a profit of \$60,000 to the state.

There lives a woman in Middle Tennessee, who without ever moving from New York, will be purchased for the the house in which she was born, has been a citizen of two states and five be feared. Owners of pugs can now counties. The explanation is that her rest in peace. Being an artist in her farm lies upon the state line, just where | way, the Long Island woman has many several counties meet and corner. The plans for the selection of appropriate early surveys were not over-accurate, flowers. She feels that the only Skyc so new lines have been run repeatedly, to whom proper honor has been done yet never to the full satisfaction of the authorities. In the changes the satin coffin while his body was covdwelling has been set now in this juris- ered with English violets. The grave diction, now in that-and the owner of itself was lined with hyacinths, all unit has paid taxes, usually under injunc- sullied white. tion, to five sets of officials.

A number of capitalists in Germany have agreed to join forces to make a by Count Zeppelin, of Wurtemburg. Zeppelin's plans had the indorsement of the great Helmholtz, and they have been pronounced practical by various scientists. They depend for buoyancy of the total English consumption of on hydrogen gas, and for motive power on an oil-motor made of aluminum. also prosecuting experiments in aerial navigation, the lifting power of aero- including the dependents of these lab planes being the principle they are dereloping.

In his department in Harper's Mr. Charles Dudley Warner writes of vomen and the bicycle. He does not

## nd habitually so, will not be tolerant o his fellow man."

hey have been by the efforts of other avans along the same lines, together with wide newspaper discussion, have iven popular thought and common onversation a tendency toward the cientific and the abstruse. Roentgen ays, X rays, cathode rays, ultra violet rays-the words as familiar to the ear as the alphabet. Stated briefly, Professor Wilhelm Konrad Roentgen has found a means whereby articles behind opaque substances, or contained therein, may be photographed and their position accurately defined. The pictures

An enterprising Long Islander has taken pity on all pet dogs and their owners. Henceforth no one of them all need go to a plebelan grave. A cemetery is to be opened for the exclusive use of mistresses of canine pets, and suitable burial paraphernalia will be furnished for all sizes and all breeds. Coffins and flowers are to be a specialty This enterprising woman feels that sufficient honor is not done to dect 9 4 dogs, and feels how difficult it has been to secure a fitting place for interment. As this spot, on a gentle slope near the water and not forty miles from purpose held in view, no demur need was one who was laid out in a white

According to the treasury estimate the American cotton crop of last year amounted to 3,769,381,000 pounds, of practical test of the air ship invented which amount 2,628,000,000 pounds were exported to Europe. Of the total European exports England took 1.425, 451,000 pounds, or more than half. According to English estimates the value raw cotton was £33,000,000, or ove. \$150,000,000, representing at least the Meantime Prof. Maxim in England, average earnings of 500,000 laborers and Prof. Langley, in America, are for a year of 300 working days, and the support of about 2,500,000 people. orers, but not merchants, factors, rail road employees or others whose livelihood depends on handling the trade and feeding and clothing the labor engaged in it. I n its textile industries

# FOUR-IN-HAND.

# Roentgen's experiments followed as Short Story of the Civil War, Told by an Old Soldier.

Our regiment was armed with breech-loading repeating rifles; it was a good gun, handy to carry, easy to manage and good to shoot. They were seasoned troops, and they never wasted ammunition, but there were times when naturally, with such a gun, they used considerable, and the colonel always made it a point to keep the boys supplied. The best wagon we had we always kept for the ammunition, and the best team; and when the regiment was in action, and in need of ammunition, if it was where a team could go the ammunition wagon was driven right on to the field.

Here, for instance, was the regiment in a cotton field, lengthwise of the furnition wagon.

the right, and halts.

A man climbs into the wagon and shoves the boxes back so they'll be handy to get at, just as if he might do if were unloading trunks or boxes of hard bread. As he is going on with the work, the driver looking back now and then to see how he is getting along. a piece of shell comes over somehow foot

the coton furrows by the shortest cut, her nails more brittle than ever. Nelthe empty wagon bouncing and bounding, but the driver keeping his seat as well as a cavairyman would keep his in the saddle; letting his elbows flap up a little occasionally, but doing that as much for fun as anything else, because the drive was sort of exhilarating; the team going well, the off leader with the hole in his haunch and the blood running down his leg and off the fetlock. trotting up game and trim, square with the other leader, and pulling his share full. And so they got back to the train all right; but they had to shoot the off leader, after all.-New York Press. A correspondent of the Philadelphia

soft-shelled nots and certain roots. It is a good climber, and has a very aseful prehensile tail. It forages on the ground quite as successfully as any squirrel. It usually burrows under the roots of large trees, where it is impossible for the hunter to dig it out; but it sometimes makes the mistake of choosing a hollow log. When attacked it often feigns death to throw its assailants off their guard. Like the bear and woodchuck, it stores up a plentiful supply of fat for winter use, when food is scarce; and, above all, the female has a nice, warm pouch in which to carry and protect her helpless young, instead of leaving them in the nest to catch their death of cold, or be devoured by some enemy.

# They Snowballed the Fire.

The citizens of Smithland adopted a rows, which ran at right angles to a novel method of extinguishing a fire road near by; the left of the regiment a few days ago. A blaze started in a may be thirty rods to the right of this residence, and when the usual imroad. Other troops in line to the right promptu bucket brigg de arrived at the and left of us, stretching across a coun- scene it was found that no water was try, part fields, part woods. Waiting to be had, every available supply being here for a movement somewhere else; frozen and the ground covered with part of the general plan. Enemy in snow. Finally a bright idea struck front, more or less firing going on all some one in the crowd, and the sugthe time; been at it now for an hour or gestion was made that the party should two, and ammunition beginning to get use snow to subdue the flames. The low; colonel sends back for the ammu- | excited citizens divided, and one company rolled up snow balls about a The driver might cut off a little by foot in diameter, and passed them on driving across the field, but he doesn't to others, who heaved them over on want to cross those furrows with a load the rapidly consuming structure. The of ammunition banging and slamming house, being on a hillside, made this around in the wagon; he might lose it- an easy matter, as they secured a good so he come straight up the road. He's vantage ground on the hill above the got as good a four-horse team as any house, which rendered it an easy matman could want to drive, and no man ter to throw the snow over with accucould drive it better than he does. No racy and effect. To make a long story running or cantering or anything of short, the fire was extinguished before that sort, but he comes up the road at it gained any headway in the main a good square speed trot, plumb to the building, and the floors in one or two line, and swing to right and drives other rooms were saved. The people along the cotton furrows to the rear in Smithland are still talking about of the center of the regiment, swing to how they put out the fire.-Paducab (Ky.) Standard.

# Brittle Finger Nails.

Many women who have pretty hands are constantly mortified in cold weather by the rough appearance of their finger nails, caused by the fact that they break and split. The intense cold and strikes the off leader on the causes the nails to become brittle that haunch and scoops out a piece big it seems impossible to trim them so as enough to lay the crown of a cap in. to make them smooth. The possessor The horse jumps and plunges, but the of such nails should cut them with driver soon has him down on his feet nothing except well sharpened maniagain and standing all right, minding cure scissors, and the nails must never the driver, but trembling, from head to be cut or filed unless the fingers have first been soaked in warm water. The "All right, old man!" sings out the brittleness may sometimes be lessened man that has been shoving the boxes by rubbing almond oil thoroughly into back, and the driver looks back to see the nails and finger ends on retiring is he's put his tail-board where it be- at night. An old pair of kid gloves long, and then he starts his team. This must then be pulled on. The housetime he doesn't take the easiest way. keeper whose nails break easily should along the cotton furrows to the road; never stir anything on the hot range he isn't going to risk his team in that without first slipping on a loose glove, way; he goes straight ahead across as the dry heat from the fire will make

thus obtained are light-often shadows only on the plate. Their character is determined by the relative density of the inclosing matter. If the envelope present slight obstruction to the X rays the impression of the object whose photograph is sought is proportionately distinct. It is easy to see that this discovery may be put to great practical use, and it has for that reason excited an interest almost universal.

of the wonders of the world. In this rapid development, the Boers speedily made it "hot" for the English, who had built up the gold fortunes of the town, to say nothing of the whole Rand. In fact, the Englishman soon found that the Boers considered him little better than the Kafirs, and here I will give a strong illustration of this, that has its ludricous side also.

growth that it may well be called one

One day the "camp" was horrified to hear of the flogging of a white man for drunkenness. The sensation was to put it mildly, tremendous. No protestations could prevail on the Landdrost to change the law-an old one. strictly enforced, as the Beers are great advocates of temperance. The consternation can be more easily imagined than described of the desperate ne'erdo-wells who swarmed to the camp in animal, and he only grows more sullen; search of a fortune. To be deprived of their whisky through fear of the lash! It was a terrible state of affairs. and filled the respectable portion of the community with secret amusement. Nevertheless, it soon became a great evil and degradation to the white man, English or otherwise, to be brought to the level of the Kafir through the medium of the whip.

Another system of curious practice was that known as "jumping," viz., stealing another's claims, which consisted in paying up overdue taxes unknown to the original owners of the gold claims, and taking possession of the ground "right under their noses." so to speak.

Aside from all political and financial questions, the Boer is not a bad neighbor, nelilter is he an uninteresting friend or companion. He has a certain wit and sense of humor of his own, which may be not quite clear to the stranger at the first blush, but is exceedinglydroll on a closer acquaintance. He is gallant likewise, the fair sex has an abiding charm for him, albeit his ideal of beauty is not exactly on a parallel with ours. A fine, healthy, plump vrou is to him as attractive as the grace and delicacy so necessary to attractiveness in a woman according to the English taste. With the Boer the substantial is a great quality, be it in his woman or his live stock, from d'e sheep to the horse-

round riddle! "How do you call yourself, friend?"

asked the professor. In Spanish. "And have you ten years or a hundred?" "Ramon Ynga, senor. And the other. this critical moment gold was discov- I do not know. I have been here a long time-ever since they built the mill at

> "You must be about fifteen, then. And where do you live?" "There, above," answered Ramon,

"A curious habit of the mountaineers," said the professor. "These mounvalleys, climb to the very top of these peaks, and build there their squalid stone hovels. They seem to think no-

An hour crawled by, and the stones snort of disgust, and strode of up the trail. The gray one hesitated a moment, snorted-and followed. "That way they get tired, sirs," said the boy. emptying his hat and pulling it down upon his thatch of black hair.

"I'd take a good club to them!" growled Barton, who had great confidence in the Saxon way of forcing things.

"No, the boy is quite right. It is another case where you must not try to be smarter than nature. The llama is the stubbornest brute alive; a mule is vacillating, compared to him. If you put a pound too much on his load, he will lie down; and you might beat him to death, or build a fire beside him, but he would not get up. Nobody but a Peruvian Indian can do anything with a Peruvian camel, and Ramon has just shown us the proper tactics. Hurt the but the pebbles merely tease him until he can no longer bear it. And really he repays patience when he behaves well, for he is the only animal that can work effectively at these terrific altitudes, where horses and mules are practically useless. But adelante (forward!)"-St. Nicholas.

# Trees Five Centuries Old.

Gerike, the great German forester, writes that the greatest ages to which trees in Germany are positively known to have lived are from 500 to 570 years. For instance, the pine in Bohemia and the pine in Norway and Sweden have lived to the latter age. Next comes the silver fir, which in the Bohemian forests has stood and thrived for upward for 400 years. In Bavaria the larch has reached the age of 275 years. Of follage trees, the oak appears to have survived the longest. The best example is the evergreen oak at Aschoffenburg. which reached the age of 410 years. Other oaks in Germany have lived to be from 315 to 320 years old. At Aschoffenburg the red beech has lived to the age of 245 years, and at other points to the age of 225 years. Of other trees, the highest known are: Ash, 170 years; birch, 160 to 200 years; aspen, 220 years; mountain maple, 223 years; elm, 130 years, and red alder, 145 years.

think that riding the wheel is a graceful performance for either sex, but he gives the palm for grace to women, because they sit more erect and have a regard for appearance, and do not aump the back and imitate the cunning attitude of the monkey on the ring pony." The thing that keeps bicycling from being graceful is the treading. When we can do away with that we will have more grace, but not as much health. It is the exercise of treading that puts color in the cheeks and adds brightness to the eve.

Dispatches from the far West tell of the spread there of the gold-hunting fever that now rages in every quarter the papers accounts of severe suffering of the habitable globe. In the Black Hills of Dakota the quest goes on energetically and scientifically, with the aid of machinery and backed by large amounts of capital. Abandoned placers are to be worked, new mines opened and bearing mines more thoroughly explored. Far out on the borders of the remote Colville Reserve in the Cascade Range thousands of prospectors and gold-hunters invited disease and death while waiting for the opening of these Indian lands, which are reported to contain mineral wealth of incalculable value. When it comes to a rush for undeveloped gold fields hardships, perils or even death cannot daunt the man with the fever in his veins.

A German expert, after a careful estimate, has announced that the total cry was 'Faster, faster,' and in ten lenkth of telegraph lines in the world minutes after we made the applicais 1,062,700 miles, of which America has 454,600 miles; Europe, 380,700; one of the comic papers, and with his Asia, 67,400; Africa, 21,500, and Aus- clothes all on him. He never comtralia, 47,500 miles. The United States has a greater length than any other country, 403,900 miles, and Russia comes next, although European Russia has only \$1,000 miles. The other coun- this treatment, because I have spoken tries follow in this order: Germany, to several about it, but in my business France, Austria-Hungary, British India, Mexico, the United Kingdom, Canada. Italy, Turkey, the Argentine Republic, Spain and Chill. In point of proportion, however, Belgium leads, with 400 miles of wire for every 1,000 square miles of territory; Germany comes next, with 350 miles; Holland is only slightly behind Germany, and the United Kingdom has 280 miles of telegraph for every 1,000 miles of country.

A Chicago clergyman has taken the expert testimony of fifty young women of that city as to the Chicago man. day, among whom was an expert of the The unanimous opinion was that he English pattern-one who knew all was conceited and wanting in deference to women. The first of these charges is not of any particular moment. All men are more or less conceited. The difference, however, between the masculine conceit and the feminine quality of vanity must be borne in mind. The second charge is a very serious one. Deference to woman is a quality the absence of which is incompatible with everything like refinement. It is at the base of all chivairy. It keeps men from the easy fa- leged expert confidingly by the shoulmiliarities which are the marks of the social degenerate. It promotes the reserve, which is the first and most nec- lows down at the Denver mint, for I essary thing in the social relations. A have been selling this stuff to them for man who is not deferential to women, | gold all slong."

England has invested the enormou sum of \$1,000,000,000, and Mr. Thomas Ellison estimates its annual production of cottons at \$500,000,000, or about double that of wool. "Nearly if not quite three-quarters of a million people are employed in producing this output Many of them are miners, but it is not likely to do violence to facts to suppose that at least 3,000,000 people are directly dependent on the industry for their daily supply of food.

## Ammonia and Burns,

Press writes: "Every day we read in and deaths, which I am sure can be greatly alleviated by the use of aqua ammonia, just as it is sold at the drug stores. Manner of application: Take at wad of cotton, saturate with the am monia and pat the burn with it. Keep doing this till the fire is all drawn out. which will be in ten or fifteen minutes. but I mention that relief is instanta neous. This application not only re lieves but entirely cures the affected part, for it will not even be sore again My boy, seven years of age, ran head long into a coffee pot just lifted from the range boiling hot. The liquid ran down his back and to his waist, and when his clothing was removed the skin came with it. We applied the ammonia as above and the boy's only tion he was enjoying the pictures in plained of any soreness during the same day he was scalded. Do try to get doctors and others to use this treat ment. I know that doctors discredit we have to use hot lead and tin and frequently get burned by the metal spattering upon us. We keep a bottle of ammomnia at hand, and we nevel have any sore places from the burns."

#### Thought He Knew Gold.

The Butte (Montana) Inter-Mountain tells a good gold-dust story of George Wilson, who owned the famous Paris mine in Park county, Mont. Wilson was visited by some Englishmen one about mines and a great deal about everything else, in his own opinion They wanted to see some of Wilson's gold, and he panned out some very fine colors for their edification. "But that isn't gold," pronounced the youthful expert, after a critical examination, "Me deah fellah, I am a graduate of the English School of Mines, and I know gold when I see it, you know, That is iron." Wilson didn't say much. He just leaned over and took the alder. "Mebbe is isnt," he said, "but don't go and give it away to those fel-

# History of Irrigation.

never dealt with it in a large way until the last half-century, when he found America, Australia and South Africa. Its earliest modern traces in this countion as a practical industry is Utah. A the wooing. treasured historical painting in Salt Lake City shows the pioneers of 1847 in the act of turning the waters of the mountain stream known as City Creek upon the alkaline desert. This picture commemorates the opening scene of the new industrial drama of arid Amer-

In the hands of Indians and Mexicans of the Southwest, irrigation was a stagnant art, but the white population has studied it with the same enthusiasm which it bestows upon electricity and new mining processes. The lower races merely knew that if crops were expected to grow on dry land they must be artificially watered. They proceeded to pour on the water by the rudest method. The Anglo-Saxon demanded to know why crops required water, and how and when it could be best supplied to meet their diverse needs. He has sought this knowledge through the medium of agricultural colleges, experimental farms and neighborhood associations. He has thus approached by gradual steps true scientific methods, which are producing results unknown before in any part of the world.-Century.

#### The Ways of the Opossum.

Just why the great zoologists of the present day should have chosen to consider the opossum an animal of a lower order than the stupid and helpless sloth, and the third order from the lowest of all, is not so easy to understand as it ought to be. As a matter of fact, nature has done a great deal for the opossum-far more than for the great majority of quadrupeds. Note what the creature is, and can do, and match it if you can. It can eat almost anything that can be chewed-wild fruit, berries, green corn, insect larvae eggs, young birds and quadrupeds,

ther will she allow herself to stay out of doors for a moment without having her hands protected from the cold, which is even more injurious than the heat.

### Hired Swains.

A curious custom prevails in some provinces of Holland during the carnival season, according to the Buche fur Alle. Young women of the working class, especially domestic servants, who have no sweetheart of their own, are in the habit of hiring "followers" for their Sunday out, or for the whole of the Carnival period. These lovers are by no means to be had very cheap. Of-But although irrigation is both an- ten two or three maids will club to lent and universal, the Anglo-Saxon gether and share a lover among them, if he comes too expensive for one girl. This temporary lover has many du-It to be the indispensable condition of ties to perform. Of course, he must be settlement in large portions of Western good looking and well dressed, and an efficient and indefatigable dancer. Be-Through all the centuries of the past the sides receiving a variety of valuable art has been the exclusive possession presents from his "girls," he is "found" of Indian, Latin and Mongolian races. by them in victuals and drink. If a young woman can afford to engage a try are found in the small gardens of "swain" all to herself, so much the betthe mission fathers of Southern Cali- ter, for the hireling often develops into fornia. They brought the method from a real lover and ultimately into a hus-Mexico, and taught it to the Indians. band. It can thus be said, that in some But the real cradle of American irriga- districts of Holland, the girls do all

### New Use for Bicycles.

The French have applied the idea of the bicycle to a fire engine. The machine was designed by M. Schoedelin, according to La Byclette. The men in the saddles, who propel it to the scene of the fire, employ the same power to force water through the bose, a simple change in the gearing transferring the power from the wheels to a rotary force pump attached to the machine. The two arms running back from the rear axle, much as do mudguard braces, are let down when the machine is ready to work at a fire and serve as stanchions to hold the machine firm. At the same time they raise the rear wheels from the ground, permitting them to revolve without moving the quad. Gear wheels are then throw into action with the rear hubs and serve as the power to work a rotary pump hung in the rear framing.

### The Fake Telescope.

A well-known scientist, walking along a London street, came across an itinerant astronomer, and applying his eye to the instrument was astonished to see a beautiful full moon, although at the time the moon was only in her second quarter. The instrument was not a telescope at all, but simply a tube, with a hole where the eye-piece should be, and a transparency of the full moon, with a light behind it, at the other end. On the scientist asking the exhibitor how he could so cheat the public, the man simply remarked: "It's all right, sir. I used to have a proper 'scope ouce, but I turned it up for this after an Irishman pitched into me for showing him only 'arf a moon. This way pays better and gives more satisfaction."- Argonant.