

## VOL. XLVIII.

#### SECRETS

Where is the dearest place to lie? The very best place to laugh or cry? In the whole wide world, from east to west, The safest, warmest, coziest nest? Only the babies know--

The glad, glad babies know!

What is more precious to have and to hold? Worth more than its weight in rubies or gold? The fairest, purest, loveliest thing That earth can give and heaven can bring?

Only the mothers know-The glad, glad mothers know!

-Emma C. Dowd, in Young People,

# A LITTLE MAVERICK.

All that hot August day there had been a cloud of dust in the east like a column of smoke. No breath of air stirred it, nor did it seem to advance a yard. The sky was a steely blue; the air quivered like the white heat from a cauldron of molten metal. In the crisp and dry buffalo grass myraid insect life gave she loved best of ali. to the simmering air a dreamy, monotonous sound like the humming of far-away bees.

The afternoon passed, darkness gathered, and with the rising moon came a thetic guardians - and no one noted cool wind from off the snow-crested peaks. The cloud of dust subsided, and revealed a line of moving, white-covered wagous,

As the caravan drew near, a gaunt prairie wolf rose suddenly out of the grass, gave a long, dolorous howl, and fled across the plain. After him, as if they had risen from the earth by magic, went a pony and rider, a bronzed, grizzled old man, as gaunt, and evidently dread-

ing the new-comers as much, as the wolf. The caravan, numbering thirty wagons, went into camp in the form of a hollow square, the people and animals inside the barrier of wagons. The sound of voices, the smell of cooking, the laughter of children and the red glow of the campfires made a bit of welcome .life in the solemn land, breaking the soundless monotony of centuries.

Later, when the fires were low, and when the only noises were the champing of the animals and the tread of the sentry on watch, a strange, clfish figure rin out of the stockade and began to dance in the moonlight-a girl of twelve or thereabouts, with big, sparkling eyes and short, black curls flying over her pretty brow. A bearded face was thrust out under a hers which she wore on the dryest wagon cover, and a gruff but not unkindly voice called.

"Com" in here, you Maverick, want the Injuns to git ye?"

The child laughed mockingly, and continued her dance. After the third call the big man jumped out of the wagon and ran after her. When she could run no longer she dropped like a log, re-maining stiff and still, while he carried printed, in a round, childish hand, on a her to the wagon.

Gritty, ain't she, marm?" he said, as

# CAMDEN, S. C., THURSDAY, MARCH 13, 1890.

## After the silver bars had been weighed THE ASSAY OFFICE. Try as she would her head would

## HOW GOLD AND SILVER ORE IS REFINED.

#### A Full Description of the Process and the Instruments Used-\$100,-000,000 in Bullion in One Room.

team, "ef them Injuns comes an' gits every limb. Just beyond the hill in a On Wall street, to the cast of the masgray pony, Nance, thar, an' take Rose dimly amid the fog of dust about them sive and imposing Sub-Treasury, stands an odd building of white marble, flush with the street. In architectural design it resembles one of those colonial wooden sobbed Janet. "Dear Lord, let them go on an' not find us!" structures that are still to be seen in certain parts of New England. Its staid simplicity seems out of place, situated as marked by clouds of sand that helped it is in the very centre of all financial activity. The quiet elegance of its front is in singular contrast with the rear of the building, which is of brick, and built in ing baby its mother was too ill to care hardly were the words uttered when the style of an old Dutch burgomaster's

house.

"Ain't nobody going for her?" cried Janet, in agony. She ran to each wagon, to be met with the same answer: "It a tame b'ar. She went ter Bosting, In this peculiar building on Wall strect is located the plant of the United turned schoolmarm, an' I emigrated to States Assay Office, a branch of the Government the importance of which cannot Janet, very wide-eyed, told him about be overestimated. It is the Mecca of all Miss Reed, who was one of their wagonthe tourists and sightseers who visit the party. Gaining courage, she also gave metropolis, and its workings are matters her own history and Rose's as far as she of the keenest interest to every governthe earth. Its tests, when officially ancried the old man. "Now come eat, an' then we'll ketch up with the caravan. of business, wherein the precious metals Say, though, sis, would you say, 'lowin' hold much sway, its word is incontrofur age an' my whiskers, Ann Reed aint vertible.

> But if the famous old house is curious "You're both nice for old folks," said sutside, its various departments within are still more so. Superintendent Ma-He led them to a dugout in the hills, son, who has been in charge of the office almost since its inception, is the where they found plenty to eat, and then they set out for the wagons, Janet with Rose on Nance, the wolf following the authority for the statement that no pho-tographs have ever been taken within its walls. True, magazine articles have "The row last night, sis," he said, been written about it, but the illustrawas Uncle Sam's sojers arter Injuns, tions used therein were simply sketches same as has been hangin' round yer train. taken here and there of some particular Wonder how them serious ways of Ann objects upon which men were at work. At night they reached the camping-



The engine was stopped and the drum they were taken to a number of furnaces was released. As it dropped down of its in another department, where the weight own weight a glittering disc of gold was revealed beneath it. It looked for all the of silver was added to half its weight of gold, making a mixture of cne-third gold world like a bright, rich cheese. It was and two-thirds silver. When in a molten weighed and placed in a drying oven to state the workmen drew forth the white destroy the last traces of moisture. hot crucibles from the furnaces, dipped

"That cheese," remarked Mr. Brunner, you can have for \$36,000 if you will into them with a shallow ladle, and with a deft twist of the hand tossed the carry it home." molten metal into vats filled with water.

The silver granules are treated in the same manner in this room, and when all are thoroughly dried and baked they go So expert are these men in this work that the metal, when removed from the water tanks, is in thin, curly shavings, to the melting room on the first floor of the main building, where the beautiful After the silver and gold shavings, if cheeses are broken up with a sledge hammer and melted in gigantic crucibles such they may be called, have been allowed time to cool they are taken to the of plumbago. The molten metal is run into bars, weighed when cooled, numtop of the building, in the rear, where the boiling vats are located. They are bered, stamped and registered, and at great cauldrons of copper, set in masonry, last, after a portion has been assayed in and contain perhaps, forty or fifty gal-lons of a solution of sulphuric acid. The the room above, is stored away in the big steel vaults to remain until it is metal shavings are placed in these boilneeded at the mints for coining or by ing cauldrons in proper quantity and boiled for a long time. Then the demanufacturers for making watch cases or

iewelrv coction, which is of a bright bluish-green, In the assay rooms everything is conis syphoned off to vatson the floor below, ducted upon a very minute scale. The small samples, taken from various lots of mctal in the meltirg room, are here submitted to the tests by which their fine-ness is determined. Little crucibles made from bone dust are used to melt the metal. Whatever weight is used for assaying-usually only a fraction of an ounce-is represented as 1000 parts. The weight is taken to the 1-1000th of a grain, and after the assay has been made and the metal tested in the various technical ways in vogue there, the residue is weighed. The missing parts represent base metals or dirt, and are deducted from the whole as originally weighed. Gold or silver therefore, that is .999 fine, contains but one part in a thousand of base metal, alloy or dirt. And this is what some of those bars of Mexican bull-ion showed when they were put through the various processes herein described.— New York Sun.

## Odd, Wandering Rocks.

Near the village of San Jose, Peru, on the shores of the great Lake Titicacathe loftiest lake in the whole world, are three large pillars of stone, of which we give a picture. They are of unusual height, and the condors that perch on the top of them add by their gaunt figures and black plumage to the weird effect of the solitude.

On one of these huge blocks the features



## NO. 37.

## THREE TRAVELERS.

Three travelers met in Brander Pass, By the bubbling Brander spring; They shared their cake and their venison And they talked of many a thing-Of books, of song and foreign lands, Of strange and wandering lives, And by and by, in softer tones, '

They spoke of their homes and wives. "I married the Lady o' Logan Brae," Said one, with a lofty air: 'There isna in a' the North countree A house with a better share Of gold and gear, and hill and lock, Of houses and farms to rent; There's many a man has envied me And I'm mair than weel content."

"Dream of a woman as bright as day," The second traveler said.

"Dream of a form of perfect grace, Of a noble face and head, Of eyes that are as blue as heaven, Of flowing nut-brown hair; That is my wife, and, though not rich, Oh, she is wondrous fair !"

The third one said: "I have a wife. She is neither rich nor fair: She has not gold, nor gear, nor land, Nor a wealth of nut-brown hair; But, oh ! she loves me ! and her love Has stood through every test. Beauty and gold are good, but, friends,

We know that love is best." They filled their cups in the spring again, And they said, right heartily: "Here's to the loving, faithful wife, Wherev r her home may be!" And soon t by took their different ways, One thoug 'it in each man's breast: "Beauty is g od, and gold is good, But true lo e is the best." 1

# PITH AND POINT.

A stovepipe-The song of the kettle. A watch sold at cost is par tickularly bargain .- Merchant Traveler.

Necessity is the mother of invention, but many inventions are orphans.

The family stove-pipe was never meant for a pipe of peace.—Binghamton Republican

It is the ousy chimney-sweep who appears in a fresh soot every day .- Boston Courier.

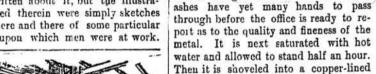
Appearances arc against some people, and so are their disappearances .- Tezas Siftings.

If a rooster were as big as his crow, a whole family could live on him for six months .- Washington Star.

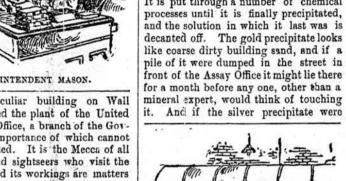
exhibition The living skelot in a dime museum because he is in red circumstances. - Picayune.

When the gate's a-jar it is natural that it should be considered a proper place for weet-meets. - Yonkers G A manufacturer of artificial limbs should never be forgetful. It is his business to re-member. --- Washington Post. A man who plays the clarionet has some ground to regret that the season for reed birds is over .- Merchant Traveler.

ment of civilized people on the face of nounced, stand in all parts of the world without a challenge, and in the domain



where it is put through another and an-other boiling until it has been thoroughly cooked seven times. Then it is decanted off into other receptacles lined with cop-per and having suspended across them bars of sheet copper. The copper collects the sulphur from the bath and precipitates the gold while the silver, still in solution, is carried off to other vats. It is put through a number of chemical SUPERINTENDENT MASON.



the child rolled over like a stick of wood.

The lady addressed was a tall, thin person with a wrinkled face, sharp black eyes behind spectacles, corkscrew curls, and a habit of wearing little shoulder capes in the hottest weather. She was a to better herself.

" 'Gritty' is Western, I presume, Mr. Chase," said the lady, Miss Mary Ann the surcingle, then led her quietly out to Reed. "What on earth do you call her an open space between two wagons. a Maverick for?" Miss Reed clicked her needles viciously. She knitted all day, jolting in a corner of the wagon, a picture of martyrdom.

"In my kentry, Texas," said Chase, "they calls them stray young cattle that \_\_don't git branded Maverick's: they don't b'long to no herd, an' them that finds outside! She climbed on the pony and hoarsely:

gits 'em." Reed

"I dunno," whispered the man, with pear in the darknees, but did not note ful hearts but for Janet here." an anxious look toward the sleeping child. "A feller that met me two days ago on the east-bound wagon-train told me her pa and ma hed died suddenly, an' gone," he said to the crowd of excited the children hed scattered, an' he'd men who ran out at the noise. never heered o' Japet at all. Her gran'marm hed kep' her from a baby, an' the old lady dyin', Janet's uncle jest Janet's heart; every dark object was to

take her."

these folks?" asked Miss Reed.

was short for grub; they wouldn't take her.

Yet the Mavcrick was a great per the lourney. Every one liked her, and be spared.'

welcomed her bright presence to their her little arms were numb, she told the world seemed asleep. stories to weary children, and was a

last one in the train most of all. family that Chase called "Pikes." The she never afterward forgot. father, a sullen, sickly man, drove the a little, motherless girl, sent to her father her astray long hours before. in Denver.

creature of three, beautiful and winning, found and melancholy stare. and much liked. But the days were toilthe party wondered who could have cry, ran forward. trusted her with them

The two younger Browns, homely, faded little souis, were faithful guar- singed. I had a doggie once, Bounce, dians over her. The other children were where mamma was. Oh, I want my unruly and rude, but these two seemed mamma!" like some good old folks who had lived

could she could tell stories enough to shelter, and there waited for davlight. satisfy them. Once Janet, coming unher own stories.

Janet, "can't you make 'cm up your- goin, too, an' it gets lonesomer. I'll ship would compare very favorably with selves of your own?"

For a week, at night, the sentry at the awake an' brave."

"Mr. Chase, I am goin' to find Rose an' take Nance. I aint no good in fightin' Injuns, an' I heard you say my folks was dead. Don't you come for me 'cause they need you. ing often to stroke Janet's curls and mutter: "Ef you aint a borned hero, I never knowed one! The stuff of a pioneer!" Don't you come for me cause any the second terms of ter

stockade saw far-off, black, moving

Thank God, another night of peace, no

"All of us like ye, ye Maverick, yer so

chipper allus," Chase said, admiringly.

The Injuns shan't git ve ef we kin help

That day a young wife was sick, and

She looked back at the line of

Locked in each other's arms they

lay unheeded, and one was drifting away

gone and no one had seen her all day.

Miss Reed remembered seeing her run-

ning among the sunflowers at breakfast-

"You see, Janet," said Chase, a sob in

his voice, "there's fifty women an' chil-

dren here an' only thirty men to guard

em; there may be hundreds of Injuns out

there. We daren't leave camp or they'll

with a glass an' there's no sign of

"But ter-morrer --- " choked Janet.

"She'll not be a-wanderin', missy-

"We must only tell her father she

died-never the whole truth," said Miss

bers, which she wore on the dryest

fire. "No, don't talk no more, Janet," as the child went to him, "it aren't no

use. I'm the only old Injun fighter in

camp. I've growed gray at it. I've got ter take the lead."

Janet went quickly, to her wagon. By

printed, in a round, childish hand, on a

bit of paper, these few words:

Chase walked away and sat down by the

don't arsk me to tell ye, but there's In-

juns an' perarie wolves.

know it, an' we've searched all the plains knew.

they lay in a strange stupor, those pa- ter the Indians.

all the long hours Janet tended the wail-

Indians vet!"

nn'

for.

them.

time.

her.

nights.

beyond earthly aid.

cannot be done.'

thar."

feed her my bread."

specks on the horizon, and weary droop, the words grow confused and

and anxious were the hours of dark- weary. As the moon sank and the chill

ness, early the start, eager the hope increased, the shivering child covered

to get on without the attack. Each man Rose with her own skirt, and then to

would mutter in the gray dawn, as hag-gard and white, he harnessed his team, down beide here

"Janet," said Chase one morning, Janet caught up Rose and ran back to the

when she came to watch him harness his hill; the horse followed, trembling in

the better o' us you git on that ere leetle | furious gallop came a mass of horses, and

set out fur them low hills 'cross Janet saw the forms of their Indian

"Nance likes me," smiled Janet, "I v "Joe said Injuns was wuss'n wolves!"

riders.

dren.

wagons and thought of baby Rose, that click of arms against saddles, and more

her," she thought, hopefully. But the heart, an American voice calling: "For-

two little Pikes were weary that day- ward!" as the cavalrymen pressed on af-

At the night halt Janet, freed from by, Rose running toward her, and an oldish

Janet.

Iowy.'

her charge, ran for Rose. Then the news man, with a gray beard and bronzed

flew from wagon to wagon, the child was face, looking at her kindly. By his side

"Those good little Pikes will see to Janet-and then, bringing joy to her

What was it, that low, trampling

The indians passed on their path,

the darkness mercifully to hide the chil-

there came another louder trampling, the

horses-hundreds of them it seemed to

The danger having passed, the tired child fell asleep with Rose in her arms.

When she woke it was bright sunlight.

Her dazed eyes saw Nance feeding near

was the lean wolf Rosy had called a dog.

"I knew it was a tame one!" cried

"In course you did," smiled the old

"Wal, you be a powerful talker!"

no better-lookin' then me!"

Janet, politely.

old man's bronco.

"They're gone!" cried Janet; but

sound, coming louder and nearer so fast?

She pinned this note to his blanket, lessly she blanketed the animal, fastened pathway to the West!

She looked back at the dying campfires, the groups of men sleeping in the the same Ann Reed, sis, an' she's there light of them, their guns by their sides, a-pettin' that wolf like he were a poodle the silhouettes of the women against the wagon curtains, Miss Reed's prim and

turned her head toward the east; the "She's got folks in Denver," said Miss animal, thinking of her home, struck into a run. The sentinal saw Nance disap-

> the little rider. "That onery gray pony as sint been worked all the way hey got loose an'

Every unusual rattling of gravel under has no one. I will have two daughters Nance's hoofs quickened the beating of instead of one."

"'Cause they was only harf way, an' spoke of by the camp-fires. "But I'm the only one in all that train

said, bravely. "There was only me to wagon journey, they followed her with

wagons. Around the camp fires even living object on the great plains. The Companion. the men gathered to hear her sing the camp was far out of vision. and not even quaint old hyrans her grandmother had a spark from its fires glimmered on the taught her. She held tired babies till still air. Absolute quiet and solitude:

At the top of a little rise in the road Machado Ranch, near San Diego, Cal., ministering angel at every wagon-at the Janet halted to rest her tired horse, and and began to build Elsinore, then unonce more to look around the lonely named, he was puzzled about the chris-This wagon had joined the train in land. The quivering of Nance startled tening. What should he call the coming

four lean oxen: the mother, half-dead Rose, her yellow curls dishevelled, her thorities would not have it.

This baby, Rose, was a merry little his haunches, regarding her with a pro- nonplussed. "El Senor," he said; At the sight of the pony the wolf gave myself;" "Yourself, of course," replied some ones, and as the Browns had charge a weird howl, turned and trotted swiftly the diplomatic Heald. And to this day of her, no one interfered, though many of across the plains. The child, with a wild the Machados believe that the name

day an' hungy an' the doggic comed an' original property .- Argonaut.

Janct's only sadness was that one little grave where the youngest "Pike" lay; the child had died the night before. New England school teacher going West then went softly out in the starlight to How many nameless graves, some pathetic, the corner where Nance stood. Fear- tiny ones, there used to be on that great When Janet, with Rose in her arms,

climbed into her wagon, the hermit approached and said, mysteriously: "It's

Reed's would 'a' took with Injuns?"

place of the wagons, where there was

reat rejoicing-Chase, especially, com-

dog. Aint set agin 'em no more." Two miles from Denver they met a queer with the funny curls. How safe horseman so pale and anxious they knew was here, how lonely and dreadful who he was even before he called

"Is my baby with you?" "Aye, she be," answered Chase, "but we'd met ye with blank faces an' sorrer-Then he told the story, and the father got down from his horse to kiss her first

before his own child. "I'm well on, Joe," he said, brokenly. "I can do well for her, and you say she

"You aint a Maverick no more, Janet," shipped her off to Denver where her her a beast of prey; every sound, the cried Joe, something shining in his honest folks was livin'. Don't seem nobody to coming of the red men. She thought of eyes, "an' there aint one of us but will the old-time stories of Indian warfare bid ye God-speed. Ef ever a lone little "Why didn't you send her back with and cruelty her grandmother had told child was worth a father's love an' care, her. of the horrors of the plains the men you be, an' the blessin' of all us that knowed ye goes with ye." And as she, with Rose and her father, as hasn't anybody to care for me," she parted from the companions of the long

loving, tearful eyes, that little Maverick When the moon rose it showed her no who had found a happy nome .- Youth's

## - Naming a Town.

When F. H. Heald settled on the Missouri, and belonged to an unfortunate her, and peering ahead, Janet saw a sight city by the lake and springs? Finally he choose Lake something or other-a There in the moonlit road stood baby long compound -- but the postoffice au-They wrote from malaria, seldom lifted her head from face tear-stained and dirty, her gown Mr. Heald that one word was enough her bed; and the nine children, practically torn, her little feet bare and bleeding. and sent him a list to choose from. He orphans, took care of themselves, and of She still clung to her flowers that had led took Elsinore, and a few days afterward announced the fact to old Senor Mach-Near the child a lean gray wolf sat on ado. The aged don was for a moment

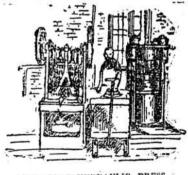
which senor do you mean, yourself or Elsinore is but a gringo corruption of "I knew you'd tum, Janie. I lost all "El Senor," the senor who owned the

## Rings on Their Toes.

George B. Dexter, of Boston, when at Janet held her close, kissed her tears out well-rounded lives and been trans- away, and then she gave her the food she the St. Nicholas the other day, exhiblated back to earth to begin over again. had brought-her own supper. She ited among his friends some gold and To these children Janet's presence was lifted her to the pony's back, led Nance silver rings of very artistic design and the one happiness of their day, nor to some low hills that might give them finish but of uncommonly large size for finger rings. Mr. Dexter explained that "I never knew nights was so loug be. the rings were not for the fingers, but observed, heard the youngest Pike tel- fore !" sighed Janet, holding Rose in her the toes, and were the kind worn in ing baby Rose, who was cross, one of arms. "Nance is laid down an' asleep. Algiers. He had secured them on a re-Only me awake, an' I must keep watch cent trip abroad. The articles were ex-"You sorrerful little things," cried for wolves an' Injuns. Now the moon's amples of native skill and the workmansay all the hymns I know to keep me the best work of the most skilled jewelers anywhere .--- Cincinnati Times-Star,

## THE BOILER DEPARTMENT.

Through Superintendent Mason's kindness, however, the photographer of this paper was allowed to take all the pictures he wanted save one. In the Assav Office, as in Bluebeard's palace, there is one room into which the public must not look through the medium of the camera. Of course, that was the room of which a photograph was most desired, but Mr. Mason thought it best that it be psssed. He thought it would be ill advised to furnish enterprising burglars with photographs of a room containing over \$100,000,000 in solid gold and silver which is only protected by half a dozen massive steel doors and a small army of watchmen, fully armed. But for the information of such as may contemplate trying to force their way into this impregnable stronghold, it might be well to say that the bars of gold, piled up like building stone in a wall. are so heavy that they could not be moved, if the opportunity to try to take them away were allowed; so it is safe to presume that they will remain where they arc, well guarded and in absolute security, as they have been for thirty years past.



THE GREAT HYDRAULIC PRESS.

There was a quantity of Mexican silver bullion received at the Assay Office the other day, and its peculiar shape and the size of the bars were such as to call forth comment from those who handled it. The bars, or slabs, were about twenty inches long, an inch or more in thickness, and eight inches wide. Each of the bars was curved like a barrel stave. This pecularity in shape. Mr. Graham of the weighing room said, was to facilitate the

packing of the bullion on the backs of burros. The bars contained silver and gold in unequal weights. They were very heavy, some of them weighing eight or nine kilogrammes. The process of refining and assaying this metal is an interesting onc.

In the weighing room, which is in charge of Mr. Graham, stand an immense pair of scales, towering up to a height of perhaps ten feet and stretching out their gigantic sens fully as far laterally. The scales, although immense in size, are so delicate that they will accurately weigh 1-100th of an ounce or 10,000 ounces. . | tons thousands upon thousands of times.

box on wheels, and carted off to the press room to be made into cheese. Qucer stuff to make cheese of, it is true, but if the average corner grover had just one of those cheeses in stock, he could well afford to retire from business.

In the press-room is a hydraulic-hydrostatic engine of immense power. Beside it stands the hydraulic press, whose power is so great, yet so delicately applied, that a man's skull might be gently crushed and no abrasion of the skin be perceptible. The terrific power can be instantly released as well as applied. It s a dangerous machine to handle, but in skillful hands it is a faithful servant and does its work well. C. G. Brunner, a veteran in the service, and who has been

THE MELTING ROOM.

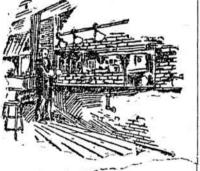
dumped side by side with it, Superintend-

ent Mason would as likely as not be ar-

rested for throwing ashes into Wall street.

But the golden sand and the silver

much like the turnings from a lathe.



THE ASSANTING FURNACES.

in charge of this department from the day the Assay Office was instituted, stood at the throttle of his engine. He had just filled the drum in the press with the saturated gold sand and was in the act of applying the power when the visitor entered. The drum in the press is twelve inches in diameter, and fourteen inches deep. It was filled to the top and packed tightly when the solid piston head en. tered it. Slowly, almost imperceptibly, the drum ascended and the piston was forced into it. The gauge on the engine began to register the pressure. Assuming the cake of metal to be a triffe less than a foot in diameter and to contain 113 square inches of area on its upper surface, the gauge showed that it was receiving a frightful squeezing. The hand pointed at 6000 pounds to the area when the machinery had been in motion half a minute. Thirty seconds later 10,000 pounds pressure was recorded, yet the engine ran merrily along without a squeak or a jar. There wasn't a sound to indicate that the powerful machine was doing anything beyond running its own fly wheel. Then 20,000 pounds and 30,000 pounds were recorded and still the steel finger moved on. It was almost agonizing to watch it. The pressure of that terrible engine can almost be felt in one's imagination ; 40,000, then

hand steal gently to the throttle of the great machine. It is now running a trifle slower, but just as quietly as before. The dome full of golden sand has risen almost a foot, and it seems that there cannot be a drop of water left in it, yet that merciless machine keeps on, and the finger on the dial marks more and more pressure. It has reached 56,000 pounds, or more than 500 pounds per square inch. What steam boiler was ever made that could withstand such pressure? yet this little brass cylinder in the press had withstood that awful power of twenty the wires of the National Telephone Com-



THE ROCKS NEAR LAKE TITICACA. of a human face are cut, and the others are covered with designs of various kinds; and they all have some reference to sunworship. The pillars were probably engraved by the original natives of the land, who are now known only by these and other relics in this quarter of Peru. They are supposed to have been a highly civilized race. It is not believed that the people brought these stones to their present position. The rocks are those called "erratic," or wandering stones, and were probably left by a glacier.

The Natural Home of the Human Race.

Man instinctively turns to the tropics with a sure inspiration, for his body knows, if his brain does not, that here, under the brilliant sun, here in the warm southland, man originated. It was Grant Duff, I think, who recently wrote that no man had been liberally educated till he had passed some part of his life in the tropics. Here one feels as if admitted to nature's laborator's; here she began her experiments which we call'evolution, the result of which was man. Down in the tierra caliente, the hot country, air, earth and water teem with life. There is inexhaustible vitality derived from the ardent sun. Agassiz records that the Brazilian tribes are models of perfect human form, for the sun is a sculptor, shaping everything to beauty. One sees how true this is when looking at the men and women of the tierra caliente. Even a little higher up in the tierra templada,

or temperate country, one sees clearly the effects of the constant sunshine. How supple and strong are the shapely women How broad chested and vigorous the well-nourished men! Where grow the sugar cane and the coffee tree, where flourish the fig and platano, there man also increases in strength and in physical

perfection. In the tropics the existence of "nerves" is unknown. What a jolly good thing it is for a tired Northerner to lie for hours on bench in a sun-warmed Mexican plaza and breathe in the perfumed air! And how, after days of this most pleasant regimen, a man begins to feel that it is good to live. He forgets the cares of his business or professional life; he learns, under the magic influence of the tropics, that human speculation in philosophy and theology are not worth the price of the paper they are printed on, and he finds his night's sleep sweet and refresh. 50,000, and the grim engineer lets his ing .- Boston Herald.

A young man may have the worst memory on record, but he will not forget to remove the price mark from the present he burs for his best girl-if the article cost loss than S19. On the other hand, he may have the best memory in the world, but if the present costs \$25 the price mark is inadvertently overlooked. -Norristonon Herald.

Forty thousand communications are daily made by telephone in London over pany.

The girls, since first the world began, Have always sought the ideal man; But when they captured their ideal They found him more ideal than real.

There are persons that it is not safe to hold out the olive branch of peace to, unless you have a club in the other hand.

It is said that it takes three generations to make a gentleman. The recipe fails when the third generation is a girl.' Binghamton Leader.

They say that copper is so cheap it scarcely pays to mine it more, Eut ordinary common sense seems just as

rare as heretofore. —Washington Star.

He-" To live by your side, mein Fraulein, I forsake everything-parents, honors, titles, fortune." She (innocently)-"Then, pray, what is there left for me?" -Basler Nuchrichten.

Kind Gentleman (picking up a boy)-"That was an awful hard fall, my young man. Why didn't you cry?" Small Boy -"I didn't know anybody war look ing."-New York Sun.

"Shall I play you this little fander of she asked, sweeth beg your pardon," he said, tu "but the fact is, I don Spanish."-Boston Courier.

Mabel (to Maud, who has just looked through Mabel's MSS.)-"You didn't know I was an authoress, Maud?" Maud -"No; and if you take my advice you won't let anybody else, either."-Harvard Lampoon.

Gentleman (to tramp)--"What, you here again? It hasn't been a week since I gave you a half dollar." Tramp-"Just a week, sir; but great heavens you don't expect a man to live a year on fifty cents, do you?"

Unsuspecting Mother-"I can't imagine where all the cake goes." Guilty Ethcl (anxious to avert suspicion)--"It must be the kid." Unsuspecting Mother -"The kid! What kid?" Guilty Ethel -"I don't know, but I heard Uncle Harry say to papa: 'That kid takes the cake.""-Time.

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## A Photographic Hat.

Herr Luders, of Gorlitz, has patented a photographic apparatus that can be carried in the hat. This novel head-dress contains, besides the machine, a number of prepared plates. In the front part of the hat there is a small circular opening about the size of a small shirt button behind which the lens is fixed. By means of a string on the outside of the hat its wearer, whenever he finds himself enjoying a pleasant view or is in contact with a person whose features he wishes to preserve, can, without attracting attention. instantancously take the picture and finish it up at leisure .- St. Louis Republic.

The first lighthouse on this continent of which there is any record was built at the entrance of Boston Harbor in 1716. at the expense of the colony of Massachusetts Bay. It was supported by a lighthouse due of one penny per ton on all vessels passing.