BY MARY J. HOLMES

CHAPTER I. "What makes you keep that big blue sunbonnet drawn so closely over your face? Are you afraid of having it seen?" The person addressed was a pale, sick-

ly looking child about nine years of age, he endeavored to lead her away. who on the deck of the vessel Windermere, was gazing intently toward the dir tant shore of old England, fast receding clan went in quest of Mrs. Howard, who to gain a look at the features shaded by

At the sound of his voice the little girl started, and without turning her head,

so ugly and disagreeable." "Ugly, are you?" repeated the boy, lifting her up and looking her fully in the "Well, you are not very handsome, that's a fact, but I wouldn't be sullen about it. Ugly people are always smart, and perhaps you are. Anyway, and get acquainted."

Mary Howard was certainly not very and lips, saying, "What can I ever do to handsome. Her features, though tolers | pay my little nurse for her kindness?" bly regular, were small and thin, her complexion sallow, and her eyes, though bright and expressive, seemed too large for her face. She had frequently been told that she was homely, and often when slone had wept, and wondered why she, too, was not handsome like her sister Ella, on whose cheek the softest rose was blooming, while her rich brown hair fel in wavy masses about her white neck and shoulders. But if Ella was more beautiful than Mary, there was far less in her character to admire. She knew that she was pretty, and this made her proud and selfish, expecting attention from all,

and growing sullen if it was withheld. Mrs. Howard, the mother of these children, had incurred the displeasure of her father, a wealthy Englishman, by marrying her music teacher. Humbly at her father's feet she had knelt and sned for pardon, but the old man was inexorable and turned her from his house. Late in life he had married a youthful widow, who, after the lapse of a few years died, leaving three little girls, Sarah, Ella and Jane, two of them his own, and one a stepdaughter and a child of his wife's should be given to the care of her sister. Mrs. Morris, who was on the eve of embarking for America. Sarah, too, was Mr. Temple was left alone with his eldest daughter, Ella. Occasionally he heard ally weakened the tie of parental affection, which wound itself more closely around Elia; and now, when she, too, left

"But we'll see," said he-"we'll see by, or if you get tired of it, give it to how they get on. I'll use all my influence Ella for a plaything."

happy to share his fortune, whatever it hearing that her father was dangerously ill, she went to him, but the forgiveness she so ardently desired was never gained, fully she watched until the end, and then when she heard read his will and knew that his property was all bequeathed to tears from her long eyelashes and went back to her humble home prepared to

In course of time three children, Frank, Mary and Ella, were added to their number, and though their presence brought sunshine and gladness, it brought also an increase of toil and care. Year after rear Mr. Howard struggled on, while each day rumors reached him of the plenty to be had in the land beyond the sea; and at last, when hope seemed dying out, he resolved to try his fortune in the far-famed home of the weary emigrant. The necessary preparations for their voyage were made as soon as possible, and when the Windermere left the harbor of Liverpool they stood upon her deck, waving a last adieu to the few kind friends who on shore were bidding them

godspeed. Among the passengers was George Moreland, whose parents had died some months before, leaving him and a large fortune to the guardianship of his uncle. a wealthy merchant residing in Boston. This uncle, Mr. Selden, had written for his nephew to join him in America, and it was for this purpose that George had taken passage in the Windermere. was a frank, generous-hearted boy, and s favorite with all who knew him. He was a passionate admirer of beauty, and the moment the Howards came on board and he caught sight of Ella, he felt irresistibly attracted toward her. Mary, efforts to look under her bonnet. This aroused his curiosity, and when he folagly looking?" The tears started to Mary's eyes, and her chin quivered, as week after George's arrival before any the family. The Down a Mountain ?

"Everybody doesn't always tell the truth," said George, wishing to administer as much comfort as possible "You've got pretty blue eyes, nice brown hair, and your forehead, too, is broad and high; now if you hadn't such a muddy complevion, bony cheeks, little nose, big ears and awful teeth, you wouldn't be such a fright!"

George propensity to tease had come apon him, and in enumerating the defects her face in her hands, Mary burst into a passionate fit of weeping, then snatching the bonnet from George's lap, she threw it on her head and was hurrying away o'clock they were nearly filled. when George caught her and pulling her back, said, "Forgive me, Mary. I could not help plaguing you a little, but I'll try and not do it again."

For a time George kept this resolution, but he could not conceal the preference which he felt for Ella, whose doll-like face and childish ways were far more told of the extreme destitution in which in keeping with his taste than Mary's there was a great difference between his prayed that George Moreland might love | health had been very rapidly failing, and

ber a little, just a little. view, and then George was taken dancommanded her children to keep away, to be scarlet fever. lest they, too, should take the disease, she stood by George's bedside. Tender-ly she smoothed his tumbled pillow, which fell so sadly on the ear of her inmoistened his parched lips and bathed valid mother.

terward, the physician entered, he found his patient calmly sleeping, with hand clasped in that of Mary.

"Mary! Mary Howard!" said the physician, "this is no place for you," and This aroused George, who begged

hard for her to remain that the physi-

from view. Near her a fine-looking boy rather unwillingly consented, and Mary of fourteen was standing, trying in vain | was duly installed as nurse. Perfectly delighted with her new vocation, she would sit for hours by her charge. She possessed a very sweet, clear voice; and frequently, when all other means had replied, "Nobody wants to see me, I am failed to quiet him, she would bend her face near his, and taking his hands in hers, would sing to him some simple song of home, until lulled by the soft music he would fall away to sleep. Such unwearied aindness was not without its effect upon George, and one day when Mary as usual was sitting near him, he I like little girls, so just let me sit here called her to his side, and taking her face eral sickness which followed few were between his hands, kissed her forehead

> "As well as I do Ella!" he repeated "I love you a great deal better. She has not been to see me once. What is the

reason?" Frank, who a moment before had stol en to Mary's side, answered, saying Someone told Ella that if she should have the fever, her curls would all drop off; and so she won't come near you!" Just then Mrs. Howard appeared, and this time she was accompanied by Ella, who clung closely to her mother's skirts. George did not as usual caress her, bu he asked her mockingly, "if her hair had commenced coming out!" while Ella only answered by grasping at her long curls.

as if to reassure herself of their safety. In a few days George was able to go on deck, and though he still petted and played with Ella, he never again slighted Mary. At last, after many weary days, there came the joyful news that land was in sight; and next morning Bos ton, with its numerous domes and spires, was before them. Toward noon a pleas Temple had asked that her baby Jane ant looking, middle-aged man came on and announcing himself as Mr. Selden. George immediately stepped forward, adopted by her father's brother, and thus Mr. and Mrs. Howard, speaking at the same time of their kindness to him during from Jane, but time and distance gradu- in the hurry and bustle of going ashore George did not forget Mary. Taking was assured. When within twenty-her aside he threw round her neck a five yards of the finish he was seen to around Ella; and now, when she, too, left him, and worse than all, married a poor music teacher, the old man's wrath knew no bounds.

The girl's Indian of course, under normal conditions, name means Bright fortune and law favor the old settlers no bounds.

The girl's Indian of course, under normal conditions, name means Bright fortune and law favor the old settlers no bounds.

how they get on. I'll use all my inducates against the dog, and when Miss Ella's right cold and hungry she'll be glad to and George replied, "Never mind, I can pitched forward and fell to the ground. But he was mistaken, for though right remember your looks without a likeness."

Then bidding adieu to Mr. and Mrs. dead, and what was more the doctors to the was picked up he was found dead, and what was more the doctors. his uncle's carriage and was rapidly when he was seen to lose his hold of driven away. Mary looked after him as long as the heads of the white horses were in sight, and then taking Frank's hand, followed her parents to the hotel, yard of the race. where for a few days they had deter mined to stop while Mrs. Howard made inquirles for her sister.

Meantime from the windows of a large. handsome building a little girl looked out, impatiently waiting her father's return, wondering why he was gone so long and if she should like her cousin George.

could have a fair view of his face. of carriage wheels in the yard below made her start up, and, running down come to live with me and be my brother. one that you loved?"

"Yes, two," was the answer. " Mr "Oh, who is she?" asked Ida. "Tell with hands that held the wheel in as

she pretty?" George told her of Mary, who had watched so kindly over him during the weary days of his illness.

"I know I should like her," Ida said. "They are poor, you say, and Mr. Howard is a music teacher. Monsieur Du- authorities. On entering a suspected Lawrence River, While he was permitpres has just left me, and who knows but house one day the inspectors saw a ted to roam freely about the village papa can get Mr. Howard to fill his group of natives playing cards. Some-

so, and everybody says so but mother hotel at which they had stopped was then found, but Mr. Selden was told that the persons whom he was seeking had left the day before for one of the inland towns, though which one he could not ascertain.

It was the afternoon for the regular meeting of the Ladies' Sewing Society in In Mary's face he purposely magnified wending their way toward the stately them; but he regretted it, when he saw mansion of Mrs. Campbell, the wealthi the effect his words produced. Hiding est and proudest lady in town. The spacious sitting room, the music room adjoining, and the wide, cool hall beyond were thrown open to all, and by three

dertone, but gradually the hum of voices increased, until at last there was a great deal more talking than working. Then for a time there was again silence while Mrs. Johnson, president of the society. she had that morning found a poor Engshe was no longer able to work, but was Two weeks had passed since the last wholly dependent for subsistence upon

er, and then curiosity led her near Howard. All inquiries for her sisters journey resumed. George's berth. For several minutes she had been fruitless. Since we last saw mands were forgotten, and in a moment and then hour after hour carried it in her to the view."

his feverish brow, and when an hour af- It was a small, low building which up this form of exercise.

and a bedroom, which they had ceased to occupy, for one by one each article of furniture had been sold, until at last Mrs. Howard lay upon a rude lounge, which Frank had made from some rough boards. Until midnight the little fellow toiled, and hen when his work was done crept softly to the cupboard, where lay one slice of bread, the only article of food which the house contained. Long and wistfully

One morning when he attempted to rise he felt oppressed with a languor he had never experienced, and turning on That night he came home wild with de has been laid. In land telephoning im light-"he had carned a whole dollar, and he knew how he could earn another halfdollar to-morrow. Oh, I wish it would come quick," said he, as he related his

success to his mother. But, alas! the morrow found him burning with fever, and when he attempted to stand he found it impossible to do so. A case of scarlet fever had appeared in the village, and it soon became evident that the disease had fastened upon Frank. The morning following the sewing society Ella Campbell and several other children showed symptoms of the same disease, and in the season of genleft to care for the poor widow. Daily little Frank grew worse. The dollar he had carned was gone, the basket of provisions Mrs. Johnson had sent was gone Mary hesitated a moment, and then replied, "Love me as well as you do and when for milk haby Alice cried, there

(To be continued.)

SEEM ALIVE, THOUGH DEAD. Instances in Which Corpses Have Had the Semblance of Life.
Live persons have feigned death

with marvelous exactness, but when the dead feign life, or seem to feign life, the spectacle is as grewsome as can well be imagined. Not long ago a Russian cemetery was the scene of as weird a wedding as ever has been witnessed. A young

girl who had been betrethed died on the eve of her marriage and her friends decided that, in spite of the intervening hand of death, her marriage must take place. The wedding ceremony was performed at the side of the grave, and after the marriage the body was returned to the coffin and lowered to its long resting place. It is not long ago that a valuable cup

was won in a bicycle race in Australia board, inquiring for George Moreland, by a man who was dead when he passed the winning post. The race took place at an "electric light carnival," so called, in the presence of 10,000 spectators. In the last lap James Somerville, a rider, forged to the front and Enters Harvard Because Her Ancestor secured such a lead that his victory not fall from the machine, however, and amid frantic cheers dashed by the goal, winning the race by half a wheel. the handle bars. It was a dead body that had ridden the last twenty-five

On a recent voyage the scaling schooner Arietis was cruising about 200 miles off the coast of British Columbia, when she sighted a dismantled ship. The Arietis bore down upon the derelict, and as she got near enough a spared the life of one of his forefath dred miles long. man was seen on board grasping the ers. About the time of the French and Ways of Applying the Water. and if she should like her cousin George.

In the center of the room the dinner table was standing, and Ida Selden had table was standing, and Ida Selden had craft. No other sign of man was seen on board grasping the lindian war some of the Penolscots.

The two most common and generally method is also applicable to the irrigation of the water may be elective in method is also applicable to the irrigation of the water may be elective in method is also applicable to the irrigation of the water may be elective in method is also applicable to the irrigation of the water may be elective in method is also applicable to the irrigation of the water may be elective in method is also applicable to the irrigation of the water may be elective in method is also applicable to the irrigation of the water may be elective in method is also applicable to the irrigation of the water may be elective in method is also applicable to the irrigation of the water may be elective in method is also applicable to the irrigation of the water may be elective in method is also applicable to the irrigation of the water may be elective in method is also applicable to the irrigation of the water may be elective in method is also applicable to the irrigation of the water may be elective in method is also applicable to the irrigation of the water may be elective in method is also applicable to the irrigation of the water may be elective in method is also applicable to the irrigation of the water may be elective in method is also applicable to the irrigation of the water may be elective in method is also applicable to the irrigation of the water may be elective in method in the water may be elective in the water may be elective in method in the water may be elective in the water may be elective in the water may be ele twice changed the location of her cousin's on the ship. The man at the wheel was St. Lawrence, joined the ludians under the "flood- whatever which is planted regularly in is diverted. To this end it is the duty plate, once placing it at her side, and hailed, but returned no answer-just the French and made a raid into Eng ing" and "furrow" systems. astly putting it directly in front, so she stood there looking straight ahead. A lish territory, including an attack on Under the flooding system small par- rows being generally used for such masters to examine and regulate the "Why don't they come?" she had said for the twentieth time, when the sound ship boarded. When they came close was attrader from Boston named Chain dred feet or so, according to the slope favorite method, both for its conduits by which water is diverted from stairs, she was soon shaking the hands dently been dead for many days. The diam, to the struggle they clinched plow, and, being cut at convenient ground is irregular this plan is often ant receives the volume of water to of her cousin, whom she decided to be ship which was named the General Sig. but the redskin was the better wrestler handsome. Placing her arm affectionate lin, had sailed from San Francisco for ly around him, she led him into the par- Alaska. She had clearly been bisman- managed to regain his feet and start on lor, saying: "I am so glad that you have tied in a gale and then abandoned by a run, but the Indian overtook him. her crew. The captain had refused to and, having picked up a club, knocked you dislike little girls. Did you ever see leave the ship, and, finding his strength Chamberlain down before he could use failing, he had lashed himself to the his knife. The strength and courage of wheel and literally died at his post, the white evidently won the admirasteering his craft for hundreds of miles tion of the Indian, for as he stood over

me about her. How does she look? Is firm a grip as when alive. Since the plague has been prevalent in India searching parties go through good fighter." the villages inspecting the houses with

Down a Mountain Slope.

The descent from the easiest pass his descendants. flows at the foot of the mountain.

At first there was almost perfect si- banks on either side without upsetting a library on their island. lence, broken only by a whisper or un- it and perhaps maining its occupants. There was nothing to do but to "keep the horses on their feet and guide The Sultan of Turkey, when a prince,

them."

frame of brilliants. Fencing is again becoming popular in London, and women also are taking

ther inhabited, containing but one room PUPIN ELECTRICAL DISCOVERIES

They Have Netted Their Finder Fevera mercial company has paid Prof. Pupin several hundred thousand dollars for his electrical inventions makes one tool forward to practical changes of great Importance in long-distance telephon he looked at it, thinking how good it ing and ocean cabling, to both of which would taste; but one glance at the pale these inventions will be applied. Tech-faces near decided him. "They need it nical description is impossible here. By more than I." said he, and turning reso the insertion in the wire or cable of lutely away, he prayed that he "might sleep pretty soon and forget how hungry energized, waste of current is prevented, and it is said that long-distance telephoning will be possible between places 3,000 miles apart. It is even his trundle-bed and adjusting his blue conceivable that it may become possicotton jacket, his only pillow, he again ble to talk across, or under, the Atlanslept so soundly that Mary was obliged tic, when, in some near future, a Puplacall him twice ere she aroused him. Iged (if we may coin the word) cable



mediate results of great importance are hoped for; even in the small ordinary circuits great economy is predicted. as the invention makes it possible to use smaller wires and the cost of wire s a large item. The inventor, Prof. Michael Idorvsky Pupin, Ph. D., is an By the time the rivers have reached avoid these consequences one or two Austrian by birth, now about forty-two years of age. He ran away from school, edge, he entered Columbia University, where he is now an instructor. Later he studied at Cambridge (England), where he was the first American to take the John Tyndall Fellowship, and at Berlin, where he studied physical science under Helmholtz and took his Ph. D. degree. Returning to America, he engaged in special investigation of the vibrations of cords and electrical currents. The result was the practical invention named above. The incident is a striking refutation of the popular fallacy that all great inventions are found by accident .- Montreal Star.

INDIAN GIRL'S ROMANCE.



There is a romantic to overdraughts on the stream at these story connected with headwaters, these old settlers are the entrance into Har- ply.

and threw the white. Chamberlain Chamberlain with club in hand the

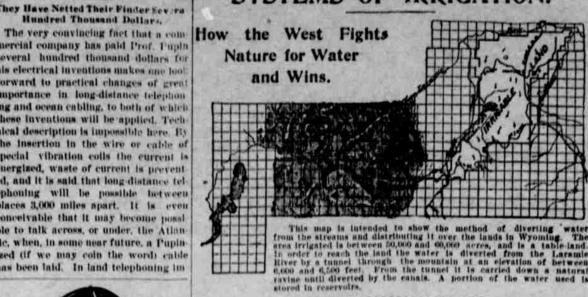
Penobscot said in English: "I like you. Make you my son. Yo Chamberlain was accordingly treated the idea of seeing that all cases of as a prisoner and was taken to the Indeath by the plague are reported to the dian village of St. Francis, on the St. the Indians kept a watchful eye or thing in the appearance of one of the him, and he knew he was a captive. He whose sensitive nature shrank from the observation of strangers, cluded all his pearance of Mr. Howard, and would, if upon the man's shoulder. To his a fit of homesickness he decided to go gage his services. The next morning the amazement the man swayed and fell home, but the captor refused to let him lowed her addressed to her the remark with which we commenced this chapter. At last, gently smoothing back her hair, which was really bright and glossy, he said, "Who told you that you were so garly looking?" The tears streed to her the remark with angry clouds, from to the floor. Upon examination it was found that he had been dead some time, but in order to avoid having the house said, "Who told you that you were so garly looking?" The tears streed to let him depart. Chamberlain had won the found that he had been dead some time, but in order to avoid having the house for that day, and as every moment of marked as plague stricken the other insaid, "Who told you that you were so marked as piague-stricken the other inmarked as

> across the Blue Ridge mountains there. The Penobscot Indians in time reabouts, known as Snicker's gap, to the turned to Maine and settled on the isi. In the ditch. To facilitate its spread- the parallel furrows might carry water Shenandoah river, is long and steady, and in the Penobscot River, which is ing and to insure its thorough applica- throughout their entire length. At regular intervals a little elevation still their home. Montague Chamberof solid earth, also known as a brake, lain in the course of his investigations has been banked up across the road discovered that Wah-ta-waso was deto keep it from being washed away by scended from the Indian who had It to every position of the field. This sources. The precipitation ordinarily the heavy rains. A ferry, propelled by taken his ancestor captive at Ticonderthe little village of Chicopee, and at the the river current, carries the stage oga, and took it upon himself to give shovelfuls of earth here and there, and this is not abundant except in the and because it usually requires a smallusual hour groups of ladies were seen coach across the Shenandonh, which her an opportunity to gain an excellent education. She has had the advantage One day the coach, well loaded with of common and high schools, and is passengers and their baggage, had at now preparing to enter the Harvard tained a fair speed when an accident to annex next spring. Mr. Chamberlain the harness occurred. The driver could has helped a number of the Penobscots not turn the vehicle in against the high to go to Carlisle, and he has built them

learned carpentering and became an Every time he reached one of the expert carpenter himself, and has almounds across the road he had to exer- ways continued to take a great intercise the greatest skill in steering over est in it. One of his first acts when Whenever he noticed her at lish family who had moved into the vil- it squarely, but by coolness and pre- sovereign was to establish a complete all, he spoke kindly to her; but she knew lage two or three years before. They sence of mind be brought his lond safe- joiners' factory at Yildiz, in which he had managed to earn a comfortable liv- ly, although at a tremendous speed, superintends the manufacture of all treatment of her and Ella, and ofttimes, ing until the husband and father sudden- down the mountain. From long expe- sorts of articles, mostly of his own de- thus separating the various small rills, are required for the production of a to drive into the river without getting orate secret springs, in the invention directions. In this way the irrigator each irrigation varies from five to nine beyond his depth, and, as he boldly of which the Sultan takes great delight. follows the water through the field and vestige of land had disappeared from the exertions of her oldest child, Frank, plunged his team into the stream an He has just sent to the Russian em prevents its collecting in the depresherself visited him frequently, but she taken seriously ill with what threatened and the terror-stricken passengers richly inlaid, with the Sultan's arms in missed by the water. drew a long breath once more. Row- front, where there are four drawers. Under this system an experienced ir- canals this control is secured by the The sick woman in whom Mrs. John- boats came out after them, the harness By touching a spring the top flies open rigator can cover from ten to twenty selection of a water master, who is plate, on which is to be found every- the character of the land surface and charge of the operation and mainten-George's berth. For several minutes she lad been fruitless. Since we last saw lingered, and was about turning away them a sickly baby had been added to when a low mean fell on her ear and arther their number. With motherly care little ling events cast their shadows before modellon in which is more and arther the character of th rested her footsteps. Her mother's com- Mary each day washed and dressed it, and "Tis distance lends enchantment a medallion, in which is a portrait of and the various grasses-for every- It is on the large corporation canals, the Sultan's son, surrounded by

goods bills.

SYSTEMS OF IRRIGATION.



From the little irrigating ditch of the | Under the furrow method parallel early settler in the arid regions of the furrows are plowed, leading from the ditch through the field between the West the irrigating problem has grown to such tremendous proportions, with rows of the crop to be irrigated. to such tremendous proportions, with small opening is made in the ditch to such conflicting interests, that serious let the water into each furrow. A dam efforts may be made to place the con- of canvas or earth is placed in the trol of the entire problem in the hands ditch just below the lowest furrow into of the Federal Government. As long which water is being run at the time, as all the irrigation questions which thus holding the water nearly level in arose in any one State could be met by that part of the ditch from which it legislation of that State, the interests is being drawn. Where the slope of of all persons in that State could be the ground is excessive these furrows protected. But farming by irrigation must be run diagonally or irregularly has come to be so general in the West | in order to reduce their grade and thus that the capacity of the rivers and prevent erosion of the soil. streams is taxed to the utmost. In In the case of fruit trees it usually those cases where rivers flow through is desirable during hot weather to preseveral States serious contentions have vent the water from coming into actual arisen between the people of these contact with the trees, because of the States as to the use of the water. The danger of scalding. Flooding the State having within its borders the surface also fesults, in some soils, in headwaters of streams that may fur- baking and compacting the earth about nish water for irrigation has a "cluch." | the trunks and roots of the trees. To

the further boundaries of the State furrows are plowed along each side of they may not contain enough water to a row of trees, at a distance of two are determined by priority of claim. Here's a bill of \$200 from one of your came to America, worked in shops, do the work of irrigation in the next or three feet therefrom, and the it is a case of first come, first served speech-makers during the campaign. State. So the cry arises for Federal management and control. This subject is bound to come before Congress within a comparatively short time, and thus challenge the attention of the

whole country. The farmer in those parts of the ountry blessed with rainfall is inclined to look with pity upon the Western farmer who has to irrigate, and he may onsider irrigation as merely an expelient to take the place of rainfall. But it is doubtful if many of these Western farmers would exchange places with farmers in bumid districts. Rainfall is uncertain. Sometimes it is too plentiful, at other times there is long drought. Plowing may be hindered by water-soaked fields. The ir-Fpared a White Man.

Wah-ta-waso, a full-blooded Penob- water when he wants it, and in just scot Indian girl, will soon enter Har the quantity that he wants. This is, name means Bright Fortune and law favor the old settlers Eyes, and she is who built their little dirch first in the said to be pretty years gone by. They have a prior enough and intelli claim on the water, and if it is necesgent enough to be sary to shut off any person from the worthy of the name. use of the water, owing to drought or

he girl's proposed last to be deprived of their ancient sup-

them slowly from end to end, thorough- his is the claim which takes prece- only as fit to die as them, we'd do."ly soaking the ground as it progresses, dence over all others. The enforceand reaching in to the roots without ment of these rights of priority and The Easy Solution: Jero'd stelling coming in contact with the stems above the distribution of water under them story)-Twice I snapped my rice at the the surface. The necessary moisture is accomplished by water commission- charging lion; it failed to explode. He is thus imparted without the wetting ers or water masters. In some States, was right upon me-and what do you and subsequent baking of the surface as Colorado and Wyoming, these com- think I did then? Ethel (yawning)vard Montague An exceedingly interesting namphlet which might result from flooding, missioners are appointed by the Gov- Woke up!-Judge, Chamberla i.o., re has been assued by the United States When the trees are sufficiently irrigaterment and are under the general dicorder of the Law Department of Agriculture on the sub- ed the water is turned out of these fur- rection of the State Engineer. In going back to Germany. Had I not rence Seientific fect of "Irrigation in the Rocky Mountrows and into others, the process being others, as Idaho and Montana, they better get another music teacher for School at Harvard, tain States. In it J. C. Ulrich tells thus continued until the whole area are appointed by the judge of the my daughter? Prof. Von Note-Id ses has taken the Indian the amazing story of the development has been served. The furrows are court rendering the decree, and are re- nod necessary. She knows should WART-TA-WASO. girl under his pro of irrigation from the settler's ditch to then filled in with a plow, the whole sponsible for the proper performance museek to get married on. tection because one of her ancestors the gigantic corporation canal a hun-surface worked over with a cultivator of their duty to no other authority. and no trace left of either the furrows That this supervision of the distribuor the application of water. This tion of the water may be effective in

rows, a single furrow between each two of the water commissioners or water boat was lowered and the mysterious Ticonderaga. With the English force siled ditches are constructed every hun- crops. When applicable, it is the head gates of all ditches or other conto the man at the wheel they saw with berlain, who got into a hand-to-hand of the ground. Such ditches are usual venience and the economy of water the stream or streams under his for the man at the wheel they saw with horror that he was dead and had evi-

water is turned from the ditch into always thereafter. No matter where these furrows and permitted to traverse the earliest settler tapped the stream, they be; oh, sur, if we was all of us

AMITY CANAL, ARKANSAS VALLEY, COL

gate of every consumer.

Water Master of a Stream

priority of right. water at the time, but the authority to you said .- Life. law, he opened or interfered with ex- establish a precedent.-Life. cept by his authority. Reservoirs.

during the early part of the season for Walter-I likes to keep everything on use in the later months are constructed. a business basis, sah. Gents wot's so lofty and expensive dams have been built across the canvons of mountain apt to come 'round tryin' to borrer w'en streams. The greater number of stor- dey gets broke.-New York Weekly. age sites which have been utilized, and those which give the largest return for novel as most women do?" asked Ara given expenditure of money, are the dent Admirer; "read the last chapter lakes often found near the heads of and then the rest of the story?" "Oh. streams and the natural basins or depressions frequently found in the valleys which border them. In some last chapter, and then go to see the localities these basins are quite numer- dramatization."-Indianapolis Press. ous and extend for a long distance from the stream out into the plains which border then .. Others are broad openings or valleys in the mountains which were doubtless formerly lakes, but which have been filled by sedimentation. The basins found on the plains necessary. I know the temperament are more desirable, both because they our building all the time now."-Washare nearer the place where water is guiding is done by moving a few occurs in the form of snow, and even to be used and are freer from floods, mountains. It is the melting of the er outlay to improve them. To do aire (showing his library to distinguishsnow with the advent of warm weather this requires the construction of a canal ed novelist)—See them books? Distinto fill them, and of outlet works for guished Novelist-Yes. Chicago Milldrawing off the water and transporting

it to the land to be irrigated. In the plains reservoirs the water usually is conducted directly to the Topeka State Journal. lands, but in those of the mountains it has first to be turned back into the June and July are the months of maximum use of irrigating water, and the of the stream to the headgates of the lie once went to the opera to hear Pause in August usually is much greater ditches or canals through which it is repa Rosa. When the prima donna be than the use in May. Grain requires to be diverted and used. This is necesless water than alfalfa, potatoes need sary because of their distance from and gan to sing Nellie thought that her less than grain, and fruit trees less their great elevation above the lands which the quality of the music deserv-

A Map on Tiles.

when saying her evening prayer, she ly died, since which time the wife's rience he knew where it was possible sign. These are worked by very clab- and starting the branches in different satisfactory crop. The amount for precious stones which lately astonished Paris is the railway map on tiles, put up at York Station, in England, by the Northeastern Company. It is made of six feet square, and each tile is eight the justice said: inches square. The company intends to have similar maps at all important life?"

Municipal Scandal in England. Manchester, England, has had a mu nicipal scandat. An Able man who has



the farmer and irrigator comes into

most frequent and intimate contact is

the ditch rider, who usually is ap-

He is provided with a list of the per-sons having water rights from the

canal, showing the amount to which each is entifled under his contract; or,

in case of community stock companies

with a list of the stockholders and the

a list furnishes the necessary data to

pointed by the manager or presider

Not Generally: "Has your engage ment been announced?" "Only inform amount of stock owned by each. Such ally, to a few enemies."—Puck.

Poet-Did you get my book of sonnets enable him to distribute the water acthat I sent you? His Friend-Oh, yescording to the quantity or proportion called for by these respective interests.

As the amount to which each user is 'em.—Tit-Bits. delightful! I couldn't sleep till I'd read

entitled is limited, regulating struc- Knew the Cause: Giggleton-I neartures are placed at the points of di- ly died laughing last night. Parkerversion to regulate the flow into the Which one of your jokes were you telllaterals. These consist of wooden box- ing?-Tit-Bits.

like structures in which sliding gates | Sign of Spring: "Have you heard a are placed, by which the size of aper- robin yet?" "No; but I've seen a womature from the main canal is regulated an with her head tied up in a towel and the flow of water therefrom con- beating a carpet in the back yard."trolled. Where considerable accuracy Chicago Record.

of results is attempted, there also is Blind Bill (who has just received a placed in the lateral ditch below the copper)-Tnankee, sir; thankee; I noo regulating gates a weir, whose flow for all depths is computed and tabulated, man d'rectly I see yer come round the and to determine the depth at any time a graduated scale is so placed with "There are two acts yet," said the

reference to the weir that the depth can be read off conveniently and ac-curately. When it is desired to de-started out of the theater. "I know. liver into a lateral so arranged a given | That's just the reason I'm leaving." volume of water, it is merely necessary for the ditch rider to consult his weir First Scientist-I hear that your dog

tables and find the depth over their went mad and bit Professor Snagroots. weir necessary to discharge the re. Any serious results? Second Scientistquired amount. He then increases or Yes, the poor beast is barking in Latin lessens the opening from the main and Greek!-Chicago News.

canal by moving the sliding gate in Youth-Miss Stanhope, you're postthe regulating structure until the re- tively the only person I've met to-day quired depth over the weir is realized. worth stopping to speak to. Miss Stau-This is the most important duty of the hope (thoughtfully)-Indeed! You are ditch rider, and for its proper execution more fortunate than I am.-Punch. he is expected to make a trip daily Tompkins-I am afraid we haven't

over the entire canal, or his division of much for dinner to-day; but such as it it, and to examine and regulate the is- Cheerful Friend-Don't make any excuse, old chap. Remember, I've dined at your house before.-Tit-Bits. Rights to divert waters from a stream Gas Bills: Campaign Manager-Candidate-Very well; put it into the

drawer marked "Gas bills,"-Obio State Mrs. Pettit-Whenever I express a desire for anything, my husband never objects. Mrs. Ig. Nord-Same with me; I can express the desire as often as I please; it never disturbs him .- I'hliadel-

phia Press. Johnnie Jumpuppe-Paw, wot is a diplomat? Mr. Jumpuppe-A diplomat, my son, is a man who can call you a liar to your face in such a sweet way that you want him to do it again .- Ohio State Journal.

Not His Fault: Old Gentleman-So you wish to marry Elizabeth. But you are in debt. Young Man-Yes, sir. Old Gentleman-How did you get in debt? Young Man-I fell in love with your daughter.-Life. "Those pigs of yours," said the coun-

try rector, "are in fine condition, Jar-Kansas City Star.

"If I sh'd die, Mollie, ye'd buy a foine suit o' clothes f'r me, wudn't ye?" "Av rummage sale stuff is good enough fr

me, do ye?"-Chicago Tribune. Well Heeled: "Your medicine has helped me wonderfully," she wrote to the patent medicine house; "three weeks ago I could not spank the baby and now I am able to thrash my hus-

band. God bless you!"-Smart Set. which he is entitled under his decreed | The Proper Spirit: First Doctor-1 don't think it absolutely necessary to In the time of searcity of water the operate. Second doctor-But I told water master has in the discharge of them it was. First Doctor-Oh, weil, his duties not only the right to close then, as a matter of professional courthe head gates of those not entitled to tesy, I, of course, shall stand by what

lock them down. When this authority | Dangerous Tardiness: First Doctors exercised he usually posts a written What makes you think the patient will notice upon the gates so closed, which die if we don't perform the operation? gives notice that the same are under Second Doctor-That Isn't the point. the control of the water commissionar This is a new disease, and if he should and must not, under the penalty of the live without the operation it would

Knew the Species: Spendall-1 gave you that five dollars as a friendly tip: Reservoirs for storing the surplus why do you hand four dollars back? very friendly w'en dey has money is

The Improved Plan: "Do you read a said the Loveliest Girl, "that sort of thing is out of date. We now read the

"I guess we may as well go ahead and predict warm weather," said one employe of the Weather Bureau. "Have you made a scientific examination of the conditions?" "No. It isn't of our janitor. He keeps steam up in ington Star.

Pride in His Work: Chicago Millionlonaire-All bound in calf, aren't they? Distinguished Novelist-So they are! Chicago Millionaire (proudly)-Well, sir, I killed all them calves myself .-

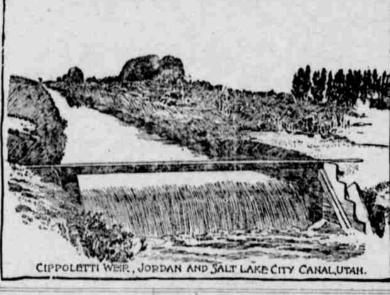
Grant and Parepa Rosa. General Grant and his daughter Nelfather was not giving the attention ed, and she said, "Papa, Parepa is singing." Whereupon the hero of Appomattox replied: "All right, Nellie, she's not disturbing us: let her sing."

A colored citizen, says the Atlanta Constitution, gave a justice of the peace a big fat possum as a wedding fee. Meeting the groom a year after,

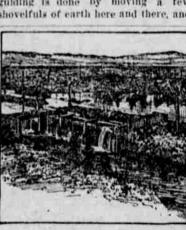
"Well, Jim, how do you like married "Well, sah," was the reply, "all I kin say is-I wish I'd eat that possum."

When some men make an extra dollar, they at once go out and have a

him as mad as when he pays his dry cases the only, practicable method of and number their water users by hun- Many a laboring man's down in the catch a husband is the one who would do more for one after she has one.



tion to every portion of the surface the



SPILL MEASURING WEIR.

applying the water.

of darkness. He afterward became a follow the lines of quickest descent, hill, and would therefore not carry man of consequence in Boston, and the and in so doing spreads out over the water. To make this method appliuniversity professor of to-day is one of ground as it proceeds, dividing into cable in such cases it would be necesnumerous branches or rills as it in sarythat the rows follow approximately creases its distance from the opening the contour of the ground in order that With a few exceptions in the irrigated irrigator follows its course, and by country there is no rainfall in the upmeans of a long-handled shovel guides lands where the rivers have their

which causes the periodical rise of the waters. April, May and June are the high water months. With the exception of the grasses, and perhaps alfaifa, few crops require irrigation earlier than May 1, nor do they often require it later than September 15. than any of them. For the ordinary on which it is to be used, farm products of the temperate regions two or three irrigations usually inches over the land.

the case of unincorporated community When a man pays his taxes, it makes ployed, and furnishes the best, in some canals are more than fifty miles long, selected. dreds. The representative with whom world-digging gold.

A remarkable contrast to the map in

When several persons are interested and the charity of the villagers. The day effective brake upon its speed began to bassy a specimen of his work as a pressions, leading it out upon such points in the same ditch, the necessity for white tiles, the lines being marked in gerously ill with fever. Mrs. Howard before the sewing society Frank had been operate. It soon came to a standstill ent to the Czar. It consists of a table, as would without his assistance be some system of control arises. In black and burnt sienna. It is about For a day or two Mary obeyed her moth- son was so much interested was Mrs. and brakes were repaired and the and the center rises, bearing a silver neres a day, the area depending upon usually one of the owners, to have a thing, in fact, which is sown broadcast however, that the necessity for a care- just been elected Mayor was shown to sign printed with the word "Private" and is distributed uniformly over the ful system of operation and managesurface—the flooding system is em- ment is most apparent. Many of these signed at once and a new Mayor was