

tesy of The Technical World, Chicago.

"Last fall I participated in an experience

"Last fall I participated in an experience that for its wonderful phases has never been duplicated." John Beanett reached for his pipe, filled and lighted it, and then glanced toward me as if to ask if I wished to hear what he had to divulge. He is a very remarkable man, of that rare type fast disappearing. For more than haif a century he has made his home in the heart of California's majes-tic mountains, and like the "Poet of the Sierras," he wears a flowing patriarchal beard., and hair to match, and is himself a student and a poet by nature.

beard., and hair to match, and is himself a student and a poet by nature. I settled myself in my chair with an ap-preciative nod, and John Bennett began what is truly a most remarkable story. "I am the oldest graduate of Yale in California," he said: "and I think it was this that brought to the ranch a party of scientists from my old university. I am not at liberty to name them, for they are coming again to try another experiment, and until that has been made, the whole thing is a secret of theirs. It will not do any harm to tell as much as I intend to, how-ever.

The short history of the most re-markable Acrial Exploration on rec-ord. Secured from and published with illustrations made of the trip, by cour-tess of The Technical World, Chicago. another hour.

another hour. "At the end of the third hour, I noticed a remarkable thing and called the attention of one of my companions to it. Hitherto the earth had, as I have said, been a blue-gray blot beneath us. It now appeared part blue and part pale gray, the latter color being toward the west; and, as I interested my other fellow travelers in the sight, the western portion of the colored map was seen to grow larger as the eastern portion dimhisaed in size. None of my companions could account for the phenomenor. The en-tire field of our vision was changing, until now it seemed that only a portion of the old familiar blue remained, the pale gray

less rapidly than previously, and I hap-pened to glance upward through the sides of the car. I almost fell over with aston-ishment, and could scarcely get my voice to call to the others what I saw. When I did there there what I saw.

issment, and could scarcely get my volce to call to the others what I saw. When I did, they were as amazed as I for directly above us floated a tremendous globe which we instantly recognized as a map of the continent of North America. It covered almost the entire sky, and seemed but a few miles distant, while beneath us was what certainly was another earth. "Good gracious," exclaimed our lead-er; 'we have made the greatest discovery of all the ages We have discovered an-other world, and are falling onto it. That globe off there is the earth, and we have lost it and are about to land on another planet!



lows a well-known natural law. The gravitation of the little planet was almost as much less than that of the earth as its size, and I weighed—had scales been provided—about ten pounds, more or less. With my muscles, it was nothing to jump seventy or eighty feet, the diff-culty being to keep on the ground at all. "Now, I suppose you are wondering how it was that the planet was not drawn to the earth by the great attraction of the latter body. It took the scientists less than five minutes to determine the reason accurately. It was because of the com-position of Nebula, such ingredients hav-ing been put together in its formation as to repei the advances of the earth toward a union, but not enough to drive the litto repet the advances of the earth toward a union, but not enough to drive the lit-tle fellow altogether away from a motherly protection. He had some with-in a certain distance, beyond which he could not pass. My companions called me back, as they wanted to make some calculations, and I sprang back as easily as I had improve access

as I had jumped across. "By looking at the earth, they find discovered that we were traveling around that planet from east to west, while it turned over from west to east. The comturned over from west to east. The com-blaed motions in opposite directions made our speed about two thousands miles an hour, so that we should circle the earth every twelve hours. This calculation was of the greatest importance, since we would have to time our departure ac-curately in order to land where we wanted to. If we allowed our balloon to ascend at the wrong time, it was inst ascend at the wrong time, it was just as likely that we should find ourselves over an ocean as over the land, and just as likely over Africa as over America. Figures were jotted down, and we then determined are one or properties of our etermined upon an exploration of our

"At this point I did some figuring my self. It seemed reasonable to guring my "At this point I did some figuring my-self. It seemed reasonable to me to sup-pose that, if I could jump seventy feet with little effort, I could run just so many times faster here than I could on the earth. And I proved it I pointed out to the others a cluup of frees about a mile away, and then, asking them to thine me, started. My work surprised me be-yond expectations, for I leaped into the air about thirty feet at each bound, alighted easily some sixty feet beyond, and took another bound, as simply as if on the earth, yet with an ease that gave me not the slightest weariness. I ran back and found that I had made the two miles in a fraction under three minutes! "'At that rate,' said I, I can run around this bail at the rate of forty-five miles an hour; and if your celculations are correct, and it is eight miles in diare correct, and it is eight miles in diameter, it must be about twenty-five m in circumference. I can, therefore,

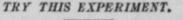
don't get winded, circle it in less the forty minutes, and I'm going to do it." than forty minutes, and I'm going to do it." "Two of the party volunteered to ac-company me, and off we strited at a good clip, the stop watches being out at the word "Go!" None of us seemed to mind the exertion, if floating lightly in the air can be called exertion; and we ran along through the forests and across the plains with the case and grace of rrey. along through the forests and across the plains with the case and grace of grey-bounds. For half an hour we did not slacken our pace; but there ap-peared before us a deep gulley, at the bottom of which was a stream. Here we came to a standstill The gulch was quite fifty feet deep and nearly a hundred wide at the top; and as far as we could see, there was no better crossing in sight. Elated at our work, and feeling certain we could make the leap, we all ran at it together. Every bound we took was better than the pre-vious one; and when we reached the edge of the arroya, we sprang into the air like



Handsome Fur Scarf

It is pearly 48 inches long, made from black Lynx fur, has six full, busby tabs, very latest style, and we know you will be more than pleased with it. When you receive it we know you will say it is the most elegant and thoroughly good fur you have ever seen. Nothing similar to this scarf has ever before been offered as a premium; it will give years of astisfactory wear. It gives a stylish, dressy effect to the wearer's appearance. The only reason we can offer them is we had a large number of them made up for us by one of the large furriers during the summer when trade was quiet; this is the only reason we are able to offer such an expensive premium. We hope you will take advantage of our offer without delay. This is an extraordinary offer and cannot be duplicated by any other reliable concera. We trust you with our lewelry until soid. It costs you nothing to get this fur. Address,

COLUMBIA NOVELTY CO., Dept. 655, East Boston, Mass.



Why a Redhot Poker Does Not Hiss in Boiling Water.

If a red hot poker be thrust into cold water it hisses and sputters; if into boiling water there is no commotion. When, in the first experiment, cold

water comes in contact with the hot iron there is a sudden and explosive generation of steam, which causes the liquid to be scattered with a hissing noise, consequent upon the bursting of innumerable bubbles.

When, on the other hand, a poker is thrust into boiling water, which is already freely giving forth steam, the introduction of the hot iron by still further assisting steam production causes the poker to become at once surrounded by a sheath of vapor, which effectually prevents the water from coming into actual contact with

This sheath of vapor is comparative ly a bad conductor of heat, so that but little heat passes from the iron to the water. There is no commotion, and the poker can be withdrawn still glowing brightly.

THE JUGGLING OF FATE

A number of years ago, Amos Rusie, the famous pitcher of the New York Club of the National Base Ball League occupied the lime light of public attention through his wonderful performance in the centre of the diamond. At that time he received a salary of

\$5,000 a year. For some little indiscretions he was disciplined by the club management, and rather than take the punishment he retired from base ball for a year or two; when he got back into the harness again, his cunning as a pitcher had deserted him.

For a time he drifted around without occupation, but later received employment as a lumber hand, with a compensation of \$1.50 a day. It is now announced that he has been successful in obtaining a position in Cairo, Ill., where he will receive \$4 a day.

Americans are the heaviest meat eatrs in the world. 1.11 be an inheritance from the hunting and fishing stage of the country's life. The annual income of the Emperor of Japan is \$2,750,000. His official allowance is \$1,500,000. He has an income of \$500,000 from the \$10,000,000 granted him out of the Chinese war inlemnity, \$250,000 from his private estates, \$500,000 from the forests of the empire.



HEWES & POTTER argest Suspender and Belt Makers in the World. Dept. 64. 87 Lincoln St., Boston, Mass. Our suspender booket, showing many styles adapted for every purpose, and giving valuable information about correct dress, will be sent FREE ON REQUEST.







distant a quarter of a million miles. Can you not understand that no astronomer would ever train his instrument so as to focus an object less than a hundred miles distant

'That sounds reasonable, yet I asked him how it was that it had never been seen with the naked eye.

seen with the naked eye. "Simpler still,' he answered, 'because this little planet is less than ten miles in diameter. So small an object, with a color nearly identical with that of the earth's aimosphere, would never be no-liced, and having no light of its own. could not be seen at any time. It is a mere speck in the sky, and no man can tell how long it has floated around our carth. There may be many more of them, but for the present we will confine ourselves to this one, and soon shall land and see what there is to see.'

"An snerold barometer was then let through the trap in the floor. In order to ascertain the pressure of the atmosphere before we dared to open the car and step onto the little world we had discovered. The planet was specified by the start of the start of the start was specified by the start of the start



SOARING OVER SNOWY PEAKS.

birds and landed on the opposite side fully ten feet beyond the edge. After this the going was simple, and we made the trip safely, having circumambulated the globe in thirty-seven minutes. "I am not going to the you with all the details of the stay on Nebela. Let it suffice to say that we had to wait there twelve hours for the United States to get back to us. In the meantime food was cooked and served. Then, when Call-fornia was just rounding the edge of the earth from the west, we lifted anchor and

fornia was just rounding the edge of the earth from the west, we lifted anchor and started our motor, bidding but a tem-porary farewell to our little world, for we all fully determined that this should not be our only trip there. The journey back was the reverse of the conditions in coming away from home; and by op-

the noise. Our ne tomatic recoil-open og locking device tes the Marlin the t Breech-load The Marlin Pire Arms Co. New Haven, Conn.



O YOU KNOW that dirty bottles and scales cause you trouble? Obviate this by using our Developers, put up READY TO USE. Simply empty our tubes into the developing tray and add the waterwe don't charge you for the latter. Large quantities of developer made up at one time oxydize and spoil. With our developers you only make up enough for immediate use.

Send 25 cents for half a dozen tubes sufficient for 24 ounces of developer for Velox, Azo, Cyko, Rotox, or other papers, or 60 ounces of Plate and Film Developer-a Developer which will not stain the fingers or nails, and is non-poisonous. We have a Sepia Toner for gaslight papers, 6 tubes, 25c.

NATIONAL PHOTOGRAPHIC CHEMICAL COMPANY 11th St. and Penn Ave., Washington, D. C.

