MAKES CHILD'S PLAY

per than any other that can be named.

It should be ranked as a crime, and any one found guilty of committing it might well be given a severe sentence.

TENDENCY OF THE TIMES.

sale by all druggists.

in payment.

Army Uniforms.

Red uniforms present the best marks for the enemy's shot, rifle green comes next, brown third, while Austrian blu-

ish gray is found to be the least fatal.

A Rat With a Conscience.

In New Mexico there is a species of rat which nature has endowed with a conscience. It forages in pantries, as

other rats do, taking what it can carry off, but always leaving behind a stick or pebble or piece of twig as if

MANY SUDDEN DEATHS

Are traced to a heart that was neglected. If your heart is weak or beats too rapidly you need Ferrozone to strengthen the heart's muscles, regulate its action and stop smothering spasms. Ferrozone always cures weak heart and restores this organ

weak heart and restores this organ to a strong healthy state. The best heart medicine in the world is Ferro-zone, which beats any substitute. Widely used by doctors and sold at 50c. per box by all druggists.

I'm afraid Mrs. Chatterton doesn't

It's the exciest thing in the world to averdo that touch of gold decora-tion.

Lever's Y-Z (Wise Head) Disinfectant coap Powder dusted in the bath, softens he water and disinfects.

There's a white woollen guaranteed not to shrink in

Coughe, colds, hearseness, and othe aliments are quickly relieved by co-sulets, ten cents nor box. All druggs

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She Who Is Always Right.
The woman who is always right is GRAND TRUNK BYSYS The woman who is always right is undoubtedly as tantalizing as any type that can be mentioned. She is ever in evidence, invariably appearing at just the time when she can be most annoying. Whether she remarks that she knew how things would be or whether she keeps a discreet silence and simply looks volumes, the effect is the same. This habit of looking extremely wise and advising others less fortunate has undoubtedly ruined more dispositions and caused more exhibitions of ill tem-WORLD'S FAIR, ST. LOUIS, April 30-Dec. 1, 1904. CALIFORNIA. and caused more exhibitions of ill tem-MEXICO,

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FAIRY TALE OF SCIENCE

ARE SCIENTISTS TO RECOGNIZE THE TRANSMUTATION OF METALS?

Changing of Radium Into Helium a Tri Hunter, Who Says He Is Commercially Changing Silver Into Gold, on the Im-

R WILLIAM RAMSAY, who

has been associated with Lord Ray-leigh in the study of argon and helof argon and helium, in recently making his amazing announcement that he had witnessed the charging of radium into helium, said:
"What is this but an actual case of ing of radium into helium, said:
"What is this but
an actual case of
transmutation of
one element into
another, which
the ancient alchemists believed

In this connection may be remem-bered the recent apparently incredible announcement by a well known scientist that he had succeeded in transmuting silver quickly and cheap-ly into geld. The discoverer of this amazing process, Mr. Rudolph Mel-ville Hunter, of Philadelphia, who told g story of work already accom-plished and of plans in contempla-tion which suggested a page from TENDENCY OF THE TIMES.

The tendency of medical science is toward, preventive measures. The best thought of the world is being given to the subject. It is easier and better to prevent than to cure. It has been fully demonstrated that pneumonia, one of the most dangerous diseases that medical men have to contend with, can be prevented by the use of Chamberlain's Cough Remedy. Pneumonia always results from a gold or from an attack of influenza (grip), and it has been observed that plished and of plans in contempla-tion which suggested a page from the "Arabian Nights," has been awarded upward of four hundred patents at Washington of recognized commercial value, while his work is recorded in the standard biograph-ies. Mr. Hunter's analysis of the dis-covery of the distinguished /English metallurgist and its far-reaching influences follows: Alchemists' Geal. edy. Pneumonia always results from a sold or from an attack of influenza (grip), and it has been observed that this remedy counteracts any tendency of these diseases toward pneumonia. This has been fully proven in many thousands of cases in which this remedy has been used during the great prevalence of colds and grip in recent years, and can be relied upon with implicit confidence. Pneumonia often results from a slight cold when no danger is apprehended until it is suddenly discovered that there is fever and difficulty in breathing and pains in the chest, then it is announced that the patient has pneumonia. Be on the safe side and take Chamberlain's Cough Remedy as soon as the cold is contracted. It always cures. For sale by all druggists.

"The announcement from London that Sir William Ramsay has discovered that the emanations from ra-dium, when kept in a sealed condi-tion, were converted into helium, has created considerable comment, and has caused many men of science to admit that it looks very much like transmutation—the long sought goal of alchemists for ages. The public may recall that some months ago my announcement that I was daily transforming one metal into another —namely, silver into gold—was look-ed upon with incredulity, yet we



SIR WILLIAM RAMSAY. e in the present developments of William Ramsay another evi-ce of the correctness of the theor-

"As I am constantly transmuting one metal into another and therefore know, with absolute certainty, that metals are not primary elements but are creations of a common primary substance under different electrical conditions, I am ready to accept it as quite probable that gases are equally transmutable. In fact, I see no reason why all the so-called primary substances of our think twice before she speaks once,
Ah, no. She talks so fast she can't
get a thought in edgewise. so-called primary substances of our text books on chemistry should not be transmutable one into each other

In late years men nave made fortunes out of the tailings of gold mines. The mills in which the ore formerly was crushed and the crude processes then in use allowed a large percentage of the precious metal to escape, and that loss amounted in some cases to a fortune. The stomach is just like a stamp mill in this respect, that when it is not in perfect order it allows the escape and waste of much of the precious nutriment contained in the food. That loss when continuous means the loss of man's greatest fortune — health. Science offers a remedy for this condition in Dr. Pierce's Golden Medical Discovery. It corrects the weakness of the stomach, and organs of digestion and nutrition into a condition of health, which enables them to save and assimilate all the nutriment contained in the food which is eaten. In all cases of constipation the use of Dr. Pierce's Pleasant Pellets will speedily and permanently cure disease.

It's the respect thing in tha world.

It's the respect the respect of the crude permanent on the case of the precious nutriment contained in the food which is eaten. In all cases of constipation the use of Dr. Pierce's Pleasant Pellets will speedily and permanently cure disease.

It's the respect them in a process of the precious metal to be transmutable one into cone into cube rubber or into the case, or into the case, and wish to again say as positively as the Eaglish language will permit, that alchemy is an accomplished fact—not bessel upon the almost unknown substances, but with the ordinary metals we are daily accustomed to see and headle.

"Copper, lead and silver are readily converted into gold, for example, mental the transformation of silver into gold is accomplished in less times that the transformation of silver into gold is accomplished in less times that the transformation of silver into gold is accomplished in less times that the transformation of silver into gold is accomplished into be transmutable one into do a gold upon the almost unknown substances, but with the cample of the alche als we are daily accustomed to see and handle.

"Copper, lead and silver are readily converted into gold, for example; and when it is borne in mind that the transformation of silver into gold is accomplished in less time than one minute, we should not be astonished by the fact that the emanations of radium should, in the space of from one to two weeks, be transformed into helium and to even then disappear at a period of one month, "Radium, like uranium; is radioactive, but with far greater intensity. It produces a very decided electrification of the air in its vicinity, and which extends to surrounding objects. While radium has a high atomic weight, its emanations have a very low atomic weight when taken into consideration with respect to the space they occupy. If, as assumed by Professor Ramsay, it would require a million years to dissolve radium into a gas, it is evident that the quantity of gas produced in a few hours from a few grains of radium would be so relatively small and attenuated that if again densified the resulting product would disappear to the eye. It would also disappear from the spectrum, since its condensation would undoubtedly mean the loss of its radio-active properties.

"Helium has an atomic weight of

tions for its creation are not normal at the present age of the world.

Quanties of "The radio-activity of radium is undoubtedly an electrical condition of its ultimate particles, which, so long as they remain in sufficient quantity, keep up that tremendous bombardment among themselves which maintains the luminosity and radio influence that will cause the gaseous emanations to remain as radium gas. This activity of the gas will endure for a couple of weeks, with a gradual decreasing value, and will finally disappear. "The radio-activity of radium is

will endure for a couple of weeks, with a gradual decreasing value, and will finally disappear.

"M Curie found that if the gas were not scaled its radio-activity decreased one-half in every twenty-eight minutes, and that if scaled in glass it diminished one-half every four days; therefore it follows that the radio-activity is less than one-hundredth of its first value at the end of four weeks, in which case the gas ceased to be visible, as pointed out by Professor Ramsay.

"As the radio-activity diminishes a condition is reached where the inductive influence of the particles decreases so that the rapidity of movement becomes less, the opbital range becomes limited, and hence the same number of ultimate particles are condensed into smaller space and helium is produced. But helium is an unstable gas, and by further loss of radio-activity the gas becomes so greatly condensed that it assumes a condition that does not a fact the spectrum, and it is therefore said to disappear altogether. If it disappeared as helium it nevertheless exists as a substance, but so greatly reduced ed as helium it nevertheless exists as a substance, but so greatly reduced in bulk that it is invisible.

in bulk that it is invisible.

"I would point out that the unstable character of substances in process of transmutation is well settled. In changing silver and copper into gold a failure to secure the 'prope gold a failure to secure the 'proper conditions' frequently produces an intermediate metal which is neither silver nor gold, but which, having the appearance of gold under heat and acid tests, will return to silver in due time.

"If the process be carried on with

the proper conditions then the trans-mutation is complete, and no natur-al conditions will cause the gold to return to silver or copper. It is then gold for ages to come. At the present time my work in transforming silver into gold has reached such perfection that the unstable intermediate metal is not produced, and all the gold made is absolutely stable in the first instance. 'Helium is in great quantity in the

Helium is in great quantity in the sun's atmosphere, and is no doubt due to the attenuated condition of certain portions of the primary matter outside of the more condensed central portions. When the primary matter becomes condensed to different atomic weights it becomes definite substances, and these substances are tellerged, but the radio estimits are inducated by the radio-activity, or electrons, which impart motion under inductional action to the ions or ultimate particles.

or ultimate particles.
"So then lead, iridium, mercury,
wold, bismuth, osmium and platinum
should be readily convertible into
each other if their electrons or radio-activities can be properly gov-erned during transmutation. Having already been able to commercially convert several substances into gold at a cost of about five per cent, of the gold produced. I am fully con-vinced that I shall soon be equally able also to transform lead into gold commercially. In due time we shall be manufacturing platinum, mercury and other valuable metals of com-

merce.

"I predict that in less than one year the scientific world will have fully recognized the conditions of alchemy which are with us to-day and outlined above. Of course I realize how very averse the public is to believe that the precious gold they work so hard to secure can be made in unlimited quantities from baser metals with wonderful rapidity and small cost. They will, however, accept this fact when in the very near future a plant of magnificent profuture a plant of magnificent proportions is reared in this country and preduces \$100,000,000 of gold

per annum.

"While alchemy of the ancients comprehended the transmutation of metals alone, modern alchemy draws and distinction as I can see no reason why any of the non-metallic elements, so-called, such as oxygen, hydrogen, nitrogen and carbon, can-not be converted one into the other or into other substances." no such distinction, as I can see no

BOER LEADER VILJOEN. Will Marry Ries Mary Belfort, Pepula Music Hall Artist.

The well-known Boer leader, General Ben Viljeen, is about to enter the ranks of the Benedicts, his affianced wife being Miss May Belfort, the popular music-hall artist. Miss Belfort, who is well-known to London audiences, first met General Viljeen five years ago, when she was in Johannesburg fulfilling a music-hall engagement, and she captivated him by singing a song in the Boer dialect. When the war was over the





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manity along.-Exchange

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WILLIAM ST.

Some people never begin to save for a rainy day until they see the clouds gathering.

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FOR STOMACH TROUBLES.

"I have taken a great many difterent medicines for stomach trouble and constipation," says Mrs. S. Geig-er, of Dunkerton, Iowa, "but never had as good results from any as from Chamberlain's Stomach and Liver Tablets." For sale by all druggists.

The bride may promise to obey, but it is a woman's privilege to change her mind.

In an argument the bluntest words re often those which come to the

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