DESERET EVENING NEWS: FRIDAY, DECEMBER 18, 1903.

citizens, to make Salt Lake the health-DESERET EVENING NEWS est town in America." Very good. Let the sanitary work go the Church of Jesus Christ of Latter-day Saints. on, and let isolation of the sick from

coningious disease of any kind, and the PUBLISHED EVERY EVENING.

tions that have been used as a scare to

the public. How about diphtheria

SOIL INOCULATION.

due to the researches of the German

Professor Nobbe, In 1888 he began his

interesting series of experiments. Hav-

ing gathered the nodule-covered roots

of beans and peas, he made an extract

and poured it into a gelatine solution.

In this colonies of bacteria commenced

to grow. Then he separated those he

wanted, from the rest, and now he was

ready for his experiments with the soil.

results. The plants in the first jar,

we are told, starved for want of ni-

trogenous food. Those in the second

jar grew as they would in a garden.

In the third, the "inoculated," jar, they

showed a marvelous growth. The ex-

periment had, so far, proved a grand

"Having thus proved the remarkable efficacy of soil-inoculation in his lab-oratory and greenhouses, where I saw

success. The writer says further:

no doubt.

common sense!

(Sundays excepted). Corner of South Temple and East Temple Streets Salt Lake City, Utah.

Charles W Penrose, Editor Horace G. Whitney, . Business Manager

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DESERET NEWS 'PHONES.

Persons desiring to communicate by telephone with any department of the Descret News, will save themselves and this establishment a great deal of annovance if they will take time to notice these numbers:

For the Chief Editor's office No. 74, 3 rings.

For Deseret News Book Store, 74, 2 rings.

Fer City Editor and Reporters, 359. 2 rings.

For Business Manager, 389, 3 rings. For Business Office, 389. 2 rings.

"DO WHAT IS RIGHT."

The weak and transparent apology by a morning paper, for the appointment of a Chief of Police with the plain intent to embarrass and obstruct the incoming administration, is the laughing stock of the town. The whole basis for the casuistry is imaginative, and the argument built upon it flimsy and flatulent. Talk about "partisan impudence!" When was there ever a more patent exhibition of it than in the scheme that has obtained a temporary success?

We say "temporary success" advisedly. While the movement may appear to some people "good politics," which we do not see in that light, there are projects behind it that when brought to light will show it to be despicable and

arrested in that city recently. The felow declared himself perfectly willing to suffer whatever penalty there was attached to his dress-reform, because he was exhibiting himself for the good of the people who, he said, are wearquarantining of persons exposed to ining too much clothing. Clearly the atfection, be strictly maintained. But mosphere of the twentleth century is don't confine these precautions to filled with the germs of crankiness. smallpox cases and those mild erup-

A NEW LIGHT.

which has secured many more victims A Prague scientist, Prof. Hans Mofor the undertaker than varioloid has lisch, announces the discovery, or inever obtained in these parts? Just butvention, whatever it is, of a new kind side the city limits there are a nun-bor of lamp, which is pronounced efficient of cases now, and the sanitary and and absolutely safe. Bacteria are quarantine regulations so effective made to furnish the light, and as they within, will be equally available and do not at the same time give heat, the efficacious without the municipality, contrivance can cause no explosions, no conflagrations. It should be of special We regard diphtheria and scarlet feinterest to miners. ver as much more dangerous and likely

The professor, in his report about the to prove fatal than the forms of smallmatter, to the Vienna Academy of Selpox that have appeared in this reences, says the lamp consists of a glass gion. And while we support the lawful jar in which a lining of saltpetre and measures provided in such cases, we gelating, inoculated with bacteria, is urge their adoption in others, and think placed. Two days after inoculation the it poor public polley to make a great Jar becomes illuminated with a wonde . outery in the one instance, and say litful bluish-green light, caused by the tle or nothing in the other and much innumerable bacteria which have deworse calamity. Stamp out all discase veloped in the time. Thes light will as fast as possible, and exercise incre-

burn brilliantly for from two to three weeks, afterward diminishing in brightness. It renders faces recognizable at a distance of two yards, and large type is easily legible by it.

A writer in Harper's Magazine tells Bacteria are mostly heard of in coninterestingly of recent successful exnection with all kinds of dread diseases, periments with the fertilization of soil If some of them can be enlisted in the with bacteria. That is to say, soil deservice of industry, people will think ficient in nitrogen may be treated with more kindly of that numerous tribe of cultures of certain bacteria, which renbeings that seem to rule the world. der it productive. The discovery is

A MEMORIAL.

An appeal is being made for funds for the erection of a Martyrs' Memorial for China. The appeal is signed by Rev. D. MacGillivray, The Right Rev. Bishop Graves, and E. S. Little, Esg., all of Shanghai, China. In the appeal they say, in part:

He took a quantity of pure sand, and in China (A. D. 1807) many hundreds of Chinese and 207 Protestant missionaries order to be sure that it contained no of 18 different societies, including 54 children, have sealed their testimony with their blood. The missionaries of nitrogen, nor bacteria in any form, he heated it to high temperature three different time for six hours, thereby over sixty societies in China have reolved that their memories shall be held completely sterilizing it. - This sand he in everlasting remembrance by erecting in Shanghai, the metropolis of the emplaced in three jars. To each of these pire, a large Chinese Exeter Hall, and Missionary Union Headquarters, as a center of Christian activities, for the benefit of the whole of China, to be known as the 'Martyrs' Memorial.' 1. he added a small quantity of mineral food-the required phosphorus, potassium, iron, sulfur, and so on. To the first he supplied no nitrogen at all in As an expression of gratitude to God, who enabled His servants to glorify Him by such a death. 2.—As an ex-pression of the unity of the Church of all nations and tongues, to whom beany form; the second he fertilized with saltpeter, which is largely composed of nitrogen in a form in which plants may readily absorb it through their roots; the third of the jars he inoculatlong the 'cloud of witnesses' as a com mon heritage. 3.—As a perpetual and visible witness at the entrance to China ed with some of his bacteria culture. Then he planted beans and waited the

that China has a Martyr church. The enthusiasm with which the matter has been taken up in China will doubtless be re-echoed in other parts of the church universal. The minimum sum aimed at is \pounds 50,0000, and it is expected to open the building in 1907, the centenary of Protestant missions in China."

We hope some Chinese philosopher does not conceive the idea of building on the other side of the street, a memorial to the thousands of pagans that fell victims to the cruelty and imannality of "Christian" soldiers, durin

favored nation clause it expects that British sugar from the British West Indies shall be admitted into the United States on equal terms with Cuban sugar, and it is not doubted that Germany, France, Austria and the other great beet sugar producing countries will do likewise.

As there is no 1570 man. Surgical society.

substituting roberer tints; today anoth-er chap would avoid the bath tub and ave lives, much as the fittle boy figured save lives, much as in this boy agained pins would-by persons not swallowing them. Tomorrow, probably, a Chicago university man will use up to declare that the cold bath, the morning dip, the free use of the gronge, is the only sure way to head off colds and related evils

It is getting to be a serious thing, this business of being alive. It is pos-tively dangerous. One never knows but that when one is feeling physically hab that when one is teening producing some and hearty one has been violating some of the rules and is constructively sick, and hearty one has been vioctively sick, of the rules and is constructively sick, if not already dead. If one tries to keep track of all the rules one is likely to track of all the rules one. Still, with succumb to worry alone. Still, with the exercise of common sense all may yet be well.

be abused. It requires no medical knowledge to reach that conclusion. The man who takes, for example, a very hot hath and goes out into the cold is in dancer of memories. He is there danger of pneumonia. He is likely to get a bad cold if he does anything ex-cept go to bed at once and stay there until morning, or for several hours. Again, a cold plunge every morning is too strong a tonic for many systems. Once more, persons who persoire very freely, if they provide themselves with plenty of clean clothing, do not need to bathe so often as those whose pers-piration is scant. Nature has washed



Zion's tution Blood

fraught with trickery, and unworthy the support of citizens who desire the public welfare.

The question of the power of removal has been renewed, in consequence of this attempt to thwart the known wishes of the incoming administration. The law is very clear and definite on this point. The Mayor, with eight members of the City Council, may remove the head of the police or of the fire department, "whenever in their opinion the good of the service will be subserved thereby." They need not specify any cause, or make any charges, or afford any trial. This is beyond fair dispute and it should be distinctly understood.

The apologist for the snap action taken on the recent appointment has admitted, that the new incumbent on going to headquarters found the police department "well organized and efficient," and that he had "no innovations in mind and no changes to suggest." This condition of affairs has been in existence for many months under the acting-chief, who was announced by the Mayor-elect as his choice for the office of Chief. This was based on his efficiency and experience and fliness for the place, and the effort to frustrate the purpose of the incoming administration is denounced in unmeasured terms.

We are aware of the measures that are to be adopted to influence the Mayor and City Council, in the interest of partisan workers for personal ends, and we think they ought not to be permitted to prevail. They are not for the good of the service or of the public, and we trust that the petty partisanship which has been a detriment to the city so long, will not be continued under the new regime.

Men elected under the mixed votes of the latest contest, ought to be determined to sink all other considerations than those of the general welfare, and the plotters behind the schemes to hamper city affairs and keep up civic strife ought to be thoroughly ashamed of their doings. The people of Salt Lake expect the men chosen by their ballots, to throw aside mere party schemes and act solely for the interest and upbuilding and peace of this municipality.

GRATIFYING RESULTS.

It is pleasing to know that, according to the report of the Health Commisploner, the city is free from the disease that has caused so much discussion and exaggerated dread, and that it has disapppeared. There is no smallpox here Lt present

The morning paper which once derided the Deseret News for urging sanitation and quarantine as the most effective measures for preventing the spread of that disorder, now speaks approvingly of the statement of Dr. Stewart, that this freedom from the contagious disease "is the good work of the sanitary inspectors and extra quarantine officers." And further that, "With their assistance he has succeeded in establishing better sanitary conditions item in the Los Angeles Times, accordthan were ever known here before, and

great numbers of experiments still go-ing forward, Professor Nobbe set himself to make his discoveries of prac self to make his discoveries of prac-tical value. He gave to his bacteria cultures the name 'Nitragen'--spelled with an a--and he produced separate cultures for each of the important crops -peas, beans, vetch, lupin, and clover. In 1894 the first of these were placed on currency is gold. the market, and they had a consider-able sale, although such a radical innovation, and so almost unbelievably wonderful, can not be expected to spread rapidly. The cultures are now recess appointments. manufactured at one of the great com-mercial chemical laboratories of the river Main, 1 saw some of them in Prof. Nobbe's laboratory. They were put up in small glass bottles, each marked with the name of the crop for which it is especially adapted. The bottle was partly filled with the yellow gelatinous substance in which the bac teria grow. On the surface of this there was a mossylike gray growth, re-sembling mold. This consisted of insembling mold. This consisted of in-numerable millions of the little oblong bacteria for inoculating half an acre-of land. It must be used within a cer-tain number of weeks after it is ob-tained, while it is still fresh. The method of application is very simple, Contents of the bottle are diluted with amps is "all samee." they would freeze. warm water. Then the seeds of the beans, clover, or peas, which have previously been mixed with a little soll are treated with this solution and are treated with this solution and thoroughly mixed with the soil. After four-room car flat is.

BACK TO NATURE.

that the mass is partially dried so that the seeds may be readily sown."

t come in abundance. This country may boast of its Schweinfurts, Dowies, and Sanfords, but Germany, if reports are true, has den of an immense poverty. the champion freak among religionists, in the person of Gustav Nagel, who is said to have commenced preaching a new gospel and gather followers. They not, but meals continue to be. call themselves "nature men," and their idea is to "go back to nature" in the matter of dress and living. Nagel, we are told, was discovered some time ago living in a suburb of Berlin in a mud hut in the midst of a rough garden. His only clothing was a loin cloth. Exposure to the air and sun had turned his body to a deap brown color. He was arrested, but the law was powerless to deal with him, and he was subsequently released and proclaimed himself a prophet. That is the story told of him. It is added that he is gaining adherents among both sexes. The women wear short tunics. "Prophet" Nagel is hope. ful of being able to spread his new philosophy of life to the southern part of

Europe, and believes he will experience little difficulty in persuading men to adout what he thinks is the style of so green as he appeared. garb originally worn by Father Adam in the Garden of Eden, as, relieved of

fruits ,etc. To crankiness in religious

matters, there is apparently ho end in

this enlightened age of reason and

The German "prophet" claims to have

followers in foreign langs, and this ap.

pears to be true, judging from a local

ing to which a "shirtless prophet," go-

science

the present day encumbrance of dress, to; press her divorce suit. In that event they will, he says, be able to move it is natural to suppose that she will about much more quickly, have freedom press her husband's dress sult. of movement of all their limbs and enjoy decidedly better health, the whole Mr. Cleveland declines to be a candiconducing to prolongation of life. He

late for President, yet writes for the declares he will establish colonies wher-Sunday papers of his duckhunting exever the opportunity is presented, and perlences. How weak and frail a thing is sanguine of making such places selfis man supporting by the cultivation of the soil, producing vegetables, grains,

New York papers speak of Robert. pelet as the "brother-in-law of the Duke of Roxhurghe," The family is one of the first in New York but it appears o have been eclipsed by the glory of the daughter's title.

Is the Cuban reciprocity law to prove Pandora's box? Already the British government has formally notified the ae hopes, with the co-operation of the ing about in "Fiji island attire," was state department that under the most