Mary had a little lamb, She sold it to the Trust Mary's clipping coupons nov And her scissors never rust.

The merry war in the Philippines still goes on. 7 yet concluded. The war in Africa is not Other nations are get ting ready to fight, and this reminds us of the wonderful beneficence of a Christian civilization.

Congress has passed a law making i Congress has passed a law making it a criminal offense to play ball in the bigriet of Columbia on Sunday. Thank District of Columbia on Sunday. Thank they have put no restrictions Heaven on the High Ball!

Mark Hanna says his friend Rathbone is innocent. It is a distinguished mark his conduct in securing bail, a new trial, a revision of the law, speak volumes, not only for the indefatigable labor of the Senator, but also for the faith that is in him as well as the goodness of his

excitement.

Congressman Loud, of California, has charge of the bill introduced in Congress providing for an increase of pay for letter carriers. We hope the Consman will report in favor of the If it is worth \$5000 a year to deliver speeches in Congress, it is easy to figure out what the man ought to have who delivers them to the long suffering constituents. By all means raise their pay.

It is reasonably sure that the out-which attempt it is scarcely necessary

rageous free seed distribution will never to say that I totally failed. be abandoned until congressmen find Some substitute by which they can reach It was of that order known as Field's be abandoned until congressmen find their constituents in a complimentary way. They are an affront to ordinary They are an affront to ordinary intelligence. Every farmer who receives these relatively worthless seeds should could not have been selected. Accomout boldly, resent this so-called panying it was a small treatise on the micome out boldly, reseat this source is bid for future support and notify his representative at Washington that he time the "Arabian Nights' Entertainwould acknowledge receipt ballot box by voting against him.

That rural free delivery has brought enchantments. I felt towards my comfarm life into closer relations with the panions as the seer might feel towards active business world, is everywhere the ordinary masses of men. I held conceded. Congress shows a willingness active conceded. Congress shows a winningless conversations with Nature in a tongue to be fairly liberal with appropriations for extending the service. And well it in daily communication with living won-may. The postmaster general last year said that this service had become a potent educational force, had increased the general intelligence and increased you the external portal of thungs, and the general intelligence and enhanced toamed through the sanctuaries. Where values. farm values. React models post sys-be a carefully arranged parcels post sys-tem, enabling one to send small packages a universe of beings animated with all tem, enabling one to send small packages at low cost with as little difficulty as the passions common to physical life, the forwarding of a letter. The postal and convulsing their minute sphere with congress league, with James L. Cowles of Farmington, Ct., secretary, is promoting the cause looking toward favorable action by congress.

etter? Flora—That I didn't mean what I said

in the one before.-Brooklyn Life.

The Diamond Lens lives and intellects.

When I was not more than ten years in short, I refused to become a merchant. old, a distant relative of our family, But it was necessary for me to select some pursuit. My parents were staid New England people, who insisted on the necessity of labor; and therefore, structed a simple microscope for me; by

drilling in a disk of copper a small hole, although, thanks to the bequest of my poor Aunt Agatha, I should, on coming in which a drop of pure water was sustained by capillary attraction. This very primitive apparatus, magnifying some 50 diameters, presented, it is true, only inof age, inherit a small fortune sufficient is innocent. It is a distinguished mark in Hanna's character to so declare, and his conduct in securing bail, a new trial,

the wonders which had been accomplished through its agency, and ended by promising me one regularly constructed, able me to dispose of my time as I interest of some perfect lens whose magni-fying power should be limited only by the resolvability of the object, and which I counted the days, the hours, the min- long as I paid my Academy fees. I I counted the days, the hours, the min-utes, that intervened between that prom-imight shirk attending the lectures, if I

ise and his departure. Meantime I was not idle. Every transparent substance that bore the remotest there was no danger of my being resemblance to a lens I eagerly seized "plucked." Besides, a metropolis was upon and employed in vain attempts to the place for me. There I could obtain realize that instrument, the theory of excellent instruments, the newest pub-whose construction I as yet only vague-lications, intimacy with men of pursuits This is going to be a hard year. We have had volcano eruptions in the West public containing those oblate spheroidal knots indirection in Texas, a coal ruthlessly destroyed, in the hope of ob- an abundance of more the field with the field with the spheroidal shots an abundance of more the field with the spheroidal shots an abundance of more the field with the spheroidal shots and the field with the spheroidal shots and the field with the spheroidal shots are spheroidal shots and the field with the spheroidal shots are spheroidal shots and the field with the spheroidal shots and the field with the spheroidal shots and the field with the spheroidal shots are spheroidal shots and the field with the spheroidal shots are spheroidal shots and the field with the spheroidal shots are Indies; a tornado in Texas, a coal ruthlessly destroyed, in the hope of ob-strike in Pennsylvania, a cave-in of a taining lenses of marvelous power. I were not bounded by my illuminating mine in Tennessee, a cloudburst in even went so far as to extract the crys-Wisconsin, the 17-year locusts in Mary-talline humor from the eyes of fishes on the other; what, therefore, was to

but little solace in the reflection that Carrie Nation is in jail. guilty to having stolen the glasses from my Aunt Agatha's spectacles, with a dim idea of grinding them into lenses of myself in. New York. II.

THE LONGING OF A MAN OF SCIENCE.

My first step was, of course, to find suitable apartments. These I obtained, after a couple of days' search, in Fourth avenue; a very pretty second-floor un-furnished, containing sitting room, bed-room, and a smaller apartment which room, and a smaller apartment which I intended to fit up as a laboratory. I furnished my lodgings simply, but rather elegantly, and then devoted all my energies to the adornment of the temple of my worship. I visited Pike, the celebrated optician, and passed in review his splendid collection of microscopes,-Field's Compound, Higham's, Spencer's, Nachet's Binocular (that founded on the Nacher's Binocular (that founded on the principles of the stereoscope,) and at a young Frenchman, who lived on the length fixed upon that form known as as Spencer's Trunnion Microscope, as provements with an almost perfect free- room dom from tremor. Along with this I purchased every possible accessory,-micrometers, draw-tubes, a cemera lucida, lever stage, achromatic condensers, white cloud illuminators, prisms, parabolic condensers, polarizing apparatus, forceps, quatic boxes, fish-tubes, with a host of other articles, all of which would have been useful in the hands of an experienced microscopist, but, as I afterwards discovered, were not of the slightest present value to me. It takes years to know how to use a complicated micro-of a Mexican caballero. When I was know how to use a complicated micro-scope. The optician looked suspiciously at me as I made these wholesale pur-visit, which ended in my purchasing an unique silver lamp, which he assured the as I made these wholesale pur-chases. He evidently was uncertain whether to set me down as some scien-tific celebrity or a madman. I think he inclined to the latter belief. I suppose I was mad. Every great genius is mad upon the subject in wheth he is great. upon the subject in whch he is great-

armchair reading an article on "The Law of Compensation." "Just fancy!" exclaimed Bridget, "ac-ordin' to this, whin a mon loses wan ar-"is sinses another: gits more developed. For instance, a bloind mon gits more sinse av he'rin' an' touch an''— "Shure, an' it's quite thrue," exclaimed ed Pat. "Oi've noticed it meself. Whin For a long time half my apparatus lay tered my room in a state of considerthis moment. I destined myself to be inactively on the shelves of my labora- able excitement. his moment. I destined myself to be machively on the shortes of any "Ah! mon ami!" he cried, before I tory, which was now most amply fur-inshed with every possible contrivance for facilitating my investigations. The taion, "it has occurred to me to be the witness of the most astonishing things in the world. I promenade myself to the involution of the state of the in the Latin?"

The Diamond LepsI grew up my parents, wite, samA Fascinating Story of
Mystery and Love.I.I.Trom a very early period of my lift
the entire bent of my inclinations had
to must sin in very early period of my lift
the entire bent of my inclinations had
to must sin in very early period of my lift
the ant secosition in the cells and hairs of
plants in the secosition in the cells and hairs of
plants in the secosition in the cells and hairs of
plants in the secosition in the cells and hairs of
plants in the secosition in the cells and hairs of
plants in the secosition in the cells and hairs of
plants in the secosition in the cells and hairs of
plants in the secosition in the cells and hairs of
plants in the secosition in the cells and hairs of
plants in the secosition in the cells and hairs of
plants in the secosition in the cells and hairs of
plants in the secosition in the cells and hairs of
plants in the secosition in the cells and hairs of
plants in the secosition in the cells and hairs of
plants in the secosition in the cells and hairs of
plants in the secosition in the cells and hairs of
plants in the secosition in the cells and hairs of
plants in the secosition in the cells and hairs of
plants in the secosition in the cells and hairs of
plants in the secosition in the cells and hairs of
plants in the secosition in the cells and hairs of
plants in the secosition in the cells and hairs of
plants in the secosition in the cells and hairs of
plants in the secosition in the cells and hairs of
plants in the secosition in the cells and hairs of
plants in the secosition in the cells and hairs of
plants in the secosition in the cells and hairs of
plants in the secosition in the cells and hairs of
plants in the sec the act of conjugation or any true gen-

At every step 1 found inject supper apartment, it is include 1 go to show by the imperfections of my instruments. Like all active microscopists, I gave my imagination full play. Indeed, it is a common complaint against many such, that they supply the defects of their was seeking in the dark after a great

that they supply the defects of their instruments with the creations of their brains. I imagined depths beyond depths in Nature which the limited power of no Nature which the limited power of a new track. What if this spiritualism should be really a great fact? What if, through communication with subtler or-aginary microscopes of immeasurable power, with which I seemed to pierce through all the envelopes of matter down to its original atom. How I cursed those imperfect mediums which neces-sity through ignorance compelled me to

those imperfect mediums which neces-sity through ignorance compelled me to

arrangement by letter and the promise of an ample fee, I found Madame Vulpes awaiting me at her residence alone. I cannot at all describe the effect She was a coarse-featured woman, with that these extraordinary communications n exceedingly sensual expression about her mouth and under jaw. She received me in perfect silence, in an apartment to where Mrs. Vulpes sat, there was a

business-like tone of voice.

'Yes' T'wish for a written one."

'Yes.'

"Never. He died before I was born. wish merely to obtain from him some

"Will you seat yourself at the table, Mr. Linley," said the medium, "and

able. We remained thus for about

the disposal of single articles,—a picture, for instance, or a rare carving in ivory,

"Will the particular spirit he desires

"Ah! more than that, more than that," been Biology; but this theory was soor

solu

dia: was

lud

as Wh bur

of

sion The

not you S plet sion con

eve tion said he

a sy self

atta can mal

ed, cheo A leas ana flim the

all hav

geot and d'O Wh

smil I ours vint and

pute

part the

bott a w I re drau thro

beca bega

very from

one ing

said

ed y as v or r H

tion

awa; the

my "]

am

neve "I

but it."

TI

prot I w

into:

eteri

self,

look

with

smal it.

arro

was

at a

rare with with this

tions

drun

half

he h slave Braz secre form watc bury

up, he w

it pi

almo

tentio

he ha

those

matte adde

pract

by th

Mort

I reg

beaut

imag

sate

weigl

exact

Here

hand

very

secre

mean

start

termi

tion.

mond

over whole conte

I s

WI

" 5

2

D

¥.

t

1

4

.

attain this end. For the love which

you bear to science, help me! Spirit—A diamond of one hundred and forty karats, submitted to electron magnetic currents for a long period. will experience a rearrangement of its atoms inter se, and from that stone you will form the universal lens.

I.—Will great discoveries result from the use of such a lens? Spirit.-So great that all that has gone

before is as nothing. I.-But the refractive power of the diamond is so immense, that the image will be formed within the lens. How

is that difficulty to be surmounted? Spirit .-- Pierce the lens through its axis, and the difficulty is obviated. The image will be formed in the pierced Two evenings after this, thanks to an space, which will itself serve as a tube to look through. Now I am called

She was a coarse-teatured woman, with that upon me. I felt completely bewil-a keen and rather cruel dark eye, and an exceedingly sensual expression about dered. No biological theory could account for the discovery of the lens The medium might, by means of biologme in perfect sidence, m an apartment on the ground floor, very sparely fur-nished. In the centre of the room, close to where Mrs. Vulnes sat, there was a to where Mrs. Vulnes sat, there was a to where Mrs. Vulpes sat, there was a common round mahogany table. If I had come for the purpose of sweeping her chimney, the woman could not have looked more indifferent to my appear. looked more indifferent to my appear, ance. There was no attempt to inspire the visitor with any awe. Everything bore a simple and practical aspect. This intercourse with the spiritual world was evidently as familiar an eccentric number of the spiritual world was no course left but to become a convert. evidently as familiar an occupation with Mrs: Vulpes as eating her dinner or iding in a spatial world was "You come for a communication, Mr. Linley?" said the medium, in a dry, business-like tone of voice." as we went through the hall, sounding "What sort of communication do you u want?-a written one?" pressed my satisfaction, and escaped riedly into the cool night air. I walked home with but one thought posse me-how to obtain a diamond of the immense size required. My entire means multiplied a hundred times over would have been inadequate to its purchase. Besides, such stones are rare, and be-come historical. I could find such only in the regalia of Eastern or European

monarchs. IV.

THE EYE OF MORNING.

There was a light in Simon's room He had many traits of the Hebrew char-acter; a love of jewelry, of dress, and the back of my chair, on the floor im-ed the door of his sitting room, unan as I entered my house. A vague imacter; a love of jewelry, of dress, and of good living. There was something mysterious about him. He always had something to sell, and yet went into excellent society. When I say sell, I should perhaps have said peddle; for his operations were generally confined to the divergence of single articles a picture. the back of my chair, on the noor im-endiately under my feet, and even on the window panes. Mrs. Vulpes smild "They are very strong tonight," she then continued, "Will the spirits com-bis hand into his breast pocket, and the divergence of single articles a picture. turned to me with a face crimson with

confusion. "What!" I cried, "poring over the miniature of some fair lady A very confused rapping followed this don't blush so much; I won't ask to

n," said I, "I have just come

slave trade. That, however, was none of my affair. On the present occasion Simon on of my affair. On the present occasion, Simon en-ered my room in a state of consider-ble excitement. "Ah! mon amil" he cried, before I tould even offer him the ordinary salu-ation, "it has occurred to me to be the vitress of the most astonishing things Scarcely had the sigh with which I involuntary motion. After a few mo-ments had elapsed she handed me the when Simon, with the aspect of a wild paper, on which I found written, in a beast, glared at me savagely, and rushpaper, on which I found written, in a beast, garred at the savagety, and rush-large, uncultivated hand, the words, "He is not here, but has been sent for." A is not here, but has been sent for. A eight weapons hung on the wan, caught pause of a minute or so now ensued, during which Mrs. Vulpes remained per-fectly silent, but the raps continued at "No!" he cried in French, into which "The spirit medium?" "Yes, the great medium. Great Heav-ens! what a woman! I write on a slip "ens! what a woman! I write on a slip All this, uttered in a loud voice trembling with excitement, astounded me. I "LEEUWENHOEK." saw at a glance that I had accidentally I was astounded. The name was iden- trodden upon the edges of Simon's setical with that I had written beneath the table, and carefully kept concealed. to reassure him

through the time the "Arabian Nights' Entertain-thim. ments." The dull veil of ordinary existence that hung across the world seem-ed to roll away, and to lay bare a land of

Next in order should they beheld only a drop of rain slowly those of men. In the common spots of mould, which my mother, good housekeeper that she was, fiercely scooped away from her jam pots, there abode for me, under the name of mildew, en-Flora—I'm writing to tell Jack that I didn't mean what I said in my last letter. Dora—What did you say in you last

> It was no scientific thirst that at this time filled my mind. It was the pure en-

imagination to a preternatural state of tervening years in rendering myself in dependent. After mitch cogitation I complied with Seeing me so interested in this rude all that he knew about the principles of the microscope, related to me a few of the wonders which had been accomplish-

and animals, and endeavored to press prevent my becoming an illustrious in-adjourn for another month. There is it into the microscopic service. I plead vestigator of the veiled worlds? It was

at the same time should be free from spherical and chromatic aberrations, in short from all the obstacles over which chose; and as I never had the remotest intenton of standing an examination, the poor microscopist finds himself con-tinually stumbling! I felt convinced olis was that the simple microscope, composed of a single lens of such vast yet perfect

power, was possible of construction. To attempt to bring the compound micro scope up to such a pitch would have commencing at the wrong end; this latter being simply a partially successful endeavor to remedy those very defects of the simple instrument, which if conquered, would leave nothing to be

It was in this mood of mind that became a constructive microscopist. Af ter another year passed in this new pursuit, experimenting on every imaginable substance,-glass, gems, flints, crystals, artificial crystals formed of the

of various vitreous materials .- in short having constructed as many varieties of lenses as Argus had eyes, I found my self precisely where I started, with noth

ing gained save an extensive knowledge of glass-making. I was almost dead with despair. My parents were surtended one lecture since my arrival in

the city,) and the expenses of my mad pursuit had been so great as to embarrass me very seriously. I was in this frame of mind one day, ex

perimenting in my laboratory on a small information which he ought to be able diamond,-that stone, from its great re fracting power, having always occupied

floor above me, and who was in the habit I think that Jules Simon was a Jew He had many traits of the Hebrew char-

iding in an omnibus." 'By appointment-yes." "From any particular spirit?"

"Have you ever known this spirit on this earth?"

to give better than any other.'

place your hands upon it?" I obeyed—Mrs. Vulpes being seate combining the greatest number of im- of occasionally visiting me, entered the opposite me, with her hands also on the a minute and a half, when a violent suc-

Vigorous affirmative. to speak with commu

The unsuccessful madman is dis-di the best houses in the city—taking

ed Pat. a mon has wan leg shorter than the begorra the other's longer."-Philadelphia Times.

A story that might be true of purchasin more than one city is told by the Brooklyn *Eagle*. One need not question its verity too closely, for it has enough of humor to make it worth retelling

A physician on the city health commission ordered five pounds of sponges. In the course of time he received two sponges that together weighed less than Later he received a voucher a pound. for him to sign in order that the contractor might get his pay from the city. The physician refused to sign it.

n't weigh more than five ounces." wheel-animalcule (Rotifera vulgaris)ex-'Nonsense, man! I weighed them panding and contracting its flexible is true, for I was very young, but still me of things that I do not love to talk

myself.

at the shrunken sponges. "You don mean to say you weighed them dry!"

"O've noticed it meself. Whin has wan leg shorter than the egorra the other's longer." a microscopist.

by totals, interest, i was ignorant at the time of the thousands of acute intellects engaged in the same pursuit as use some of my scientific accessories,myself, and with the advantages of in-struments a thousand times more power-ful than mine. The names of Leeuwen-back Williameen Server and the server advantage of little avail, until by pressive L acceleration of the server advantage of the se hoek, Williamson, Spencer, Ehrenberg, Schultz, Dujardin, Schact, and Schleithe fury of my ambition, such the untiring perseverance of my experiments, patient and wonderful researches. In that, difficult of credit as it may be, in every fresh specimen of Crytogamia the course of one year I became theoret

which I placed beneath my instrument fically and I believed that I discovered wonders of microscopis

ically and practically an accomplished

"Vulpes," I answered. "Ah! yes,-Vulpes. I

de my-I promena self to the house of Madame Vulpes.' of paper many of questions concerning

"Why won't you sign?" asked the irremember well the thrill of delight and irremember well the thrill of delight and behold! "Because the order calls for five admiration that shot through me the substance that came under my observa-birst time that I discovered the common wheel-animalcule (Rotifera vulgaris)ex- came a discoverer—in a small way it truthful to all of the coll of the

yself." "So did I. If you don't believe my the water. Alas! as I grew older, and "Ehrenberg's theory that the Volvox glo-I am fixed to the earth!"

"So did I. If you don't believe any file water. Thas as a provide dotted any bator was an animal, and proved that his favorite study, I found that I was only "monads" with stomachs and eyes were that this Mrs.Vulpes replied to questions. nem yourselt." "What!" cried the contractor, looking the shrunken sponges. "You don't tean to say you weighed them dry!" favorite study, I found that I was only on the threshold of a science to the in-vestigation of which some of the great-est men of the age were devoting their the shrunken sponges. "You don't tean to say you weighed them dry!"

riod I mention had elapsed, the hand of you shall not have it! You are perfidithe medium was again seized with its ous! You have consulted with convulsive tremor, and she wrote, under mon, and desire my treasure! But I will this strange influence, a few words on die first! Me! I am brave! You cannot the paper, which she handed to me. make me fear !" were as follows: They

"I am here. Question me.