FASTEUR'S GREAT RESEARCHES.

Hydrophobia.

[Pall Mall Gazette.]

brain of a moukey. The effect is this I' truly remarkable. In every case This is by no means an "optical Mthe symptoms differ so materially simple, and is as follows: as almost to induce the belief When any object is brought beis caused in its normal condition, before the eye.

and experiment.

property of a lady of means resid- served-

er, still to be dealt with. At pres- parts. ent it is necessary to sacrifice life in order to attain the attenuated The New Secretaries Beginning the J. KINSELLA. mad; monkeys have next to suffer, and finally rabbits have to die by paralysis before the vaccine can be prepared, once the microbe is isolated. This condition of things need no longer exist, since we are justified in assuming, on the strength of a work which M. Pasteur has already published,

si down 3300 feet.

THE OPTICAL PUZZLE.

Readily Explained by a Waverly Terner-

[Nushville World.]

A gentleman residing in Boston writes to the New York Sun for His Experiments in Seeking a Remety for an explanation of a singular optical puzzle. He says: "In my daily ride to and from the city the train to passes quite close to a twelve-foot There is every reason to believe fence; the bourds of which it is that M. Pasteur has at length en- composed are six mehes wide, the tered upon the final phase of an space between the boards is simpinvestigation which has claimed by the shrinkage, about one-quarthis undivided attention during a or of an inch. When the train period extending over more than meves slow this fence is just as five years, and it is gratifying to described above, nothing being learn from the lips of the great visible through it. But when the chemist himself that the practical train moves at a high rate of speed | outcome of his experiments will the fence, as far as the vision is be to provide an effectual concerned, entirely disappears. prophylactic against that terrible except leaving the appearance of and deadly disease of bydropho a very thin black veil passing rapidly before the eyes, every object Rabbits are inoculated with beef within the yard being plainly visi tea solution impregnated with the ble, even the smallest chips. Can attenuated virus taken from the you explain the philosophy of

the rabbit is mortally stricken, puzzle." The explanation is very in Edwards, C J Rhenson, the symptoms differ so materially simple, and is as follows:

that the disease is no longer true fore the eye its image is formed rables. Death is slow of approach and is always caused by paralysis, sometime partial, sometimes complete. It is the brain of a rabbit which produces the sensetion of plete. It is the brain of a rabbit which produces the sensation of which has died in this way that is sight is carried to the brain. How Georgia Pacific Railway Company employed for the preparation of a this is done is more than anybody beef tea lymph wherewith to per- can tell, nor is it necessary, for my form the vaccination of dogs. Its purpose, to know. What is knewn introduction is usually effected by is that the picture or image of the a slight scratch upon the skin cov- object on the retina, and the corering the intestines. But opera- responding sensation, endure for ting upon the skin of the dog, as an appreciable space of time after indicated, no apparent alternations the object itself has passed from

and I saw many vaccinated dogs. In passing along at a fittle disin the capacious kennels erected tance from a fence like the one deby M. Pasteur in the court-yard of scribed, a brief glimpse of the obthe College Rollin which looked jects behind the fence is obtained healthy and lively enough to war- through one of the spaces between rant the belief that the innocula- the boards, and an image of such tion to which they had been parts of the object as are thus subjected had produced no seen is formed on the retina. The ill effects upon the system. observer passes on to the next The virus must not pass through opening and a second glimpse of more than one rabbit before being the object is caught, then a third, communicated to the deg, since and so on. The images successthe effect upon the virus of such ively formed on the retina endure, an operation is exactly the re- each long enough to have its sucverse of that occurring in monk- cessor formed before it passes eys. It is rendered more potent away, and then they form parts of instead of becoming less danger- what becomes an integral picture. The parts are each insignificant by At the present time M. Pasteur themselves, but they are, neveris experimenting upon over 100 theless, parts of the same whole, dogs. Those dogs which are in- and successive parts in their natjected with strong virus without ural order, and come in so rapid previous vaccination are separate- succession, when the observer ly confined in very strong engos. moves rapidly, that no appreciable Those which are vaccinated are interval divides them, and they

kept in a series of kennels. They present a complete picture. If, are not, however, permitted to mix however, the motion of the obtogether. Each animal has his server is slow the impression proown kennel. They are all scrupa- duced on the retins by a glimpae lously clean, and have an abund- through one of the spaces vanishance of good food. Dogs are con- es before a new one is produced stantly arriving from all directions, by a glimpse through the next and it seems to be an understood space, and there is no continuity thing that any animal which has in the picture. Each glimpse gives been bitten by a mad dog is to be a picture of so small a part of the sent to M. Pasteur for vaccination field that by itself it is worthless, and in passing by the crevices no I saw one beautiful hound, the connected yiew of the whole is ob-

ing in Paris, which had been bit- The reader may ask why the sucten in this way, but which had not cossive pictures formed upon the developed symptoms of rabies, retina by the boards, six inches It was inoculated no less than wide, do not lap over each other, five times, one month being allow- making a continuous image, and ed to clapse between each suc- having the effect to prevent our cessive operation, in order to see seeing the crevices at all, or other if any illness would result. It is objects through the crevices. The now believed to be incapable of answer to this is that the light taking the disease. An injection shines through the crovices and Allen Long Staple Cotton Seed of exceeingly strong virus was ad makes more distinct the pictures ministered on Jan. 5. 1 saw the of the objects seen through them dog on the 11th of this month, and than is the picture of the opaque certainly, by reference to the ac- boards. The presence of the tion of its tail and the clearness boards between the better lighted of its eyes, no animal could have crevices causes, however, the ap-

will, without the development of by arapidly turning carriage wheel, deco dangerous symptoms, absorb cer- the spokes of which become invistain ingredients which the strong ibleas separate pieces of wood, bevirus new requires in order that cause the image of each on the reit may flourish. It is probable that all veterinary surgeons will be provided with the stock of the attenuated virus, and it is not un likely that its employment will be not only sanctioned, but enforced, by legislation.

Conservat difficulty has been as the image of each on the retinage of the image of it may flourish. It is probable tina endures till the image of the because of the wide, open spaces One great difficulty has, howev- between its actually separate F. A. S.

Work of Reform.

Washington, March 14.-Secretary Lamar to-day directed the chief clerk and superintendent of the Interior Department to sell at public anction all horses, carriages and equipments which are the property of the Interior Departthat the attenuation can be pro- trucking purposes, the proceeds ment, excepting those used for duced by cultivation in sterilized of the sale to be turned into the media of a purely artificial charac- Treasury, the sale to take place Treasury, the sale to take place as soon as consistent with the in-The deepest gold mine in the terests of the public service. The world is the Eureka, in California, result of this order will be the rewhich is down 2200 feet, or 500 turn to their regular duties of feet below the level of the sea. seven clerks who have been em-The deepest silver mine is the ployed as drivers. A similar or-Mexican, on the Comstock, which der has been made by Attorney. General Garland,

Louisville, New Orleans and Texas Rallway Company.

Manufa, Taxon, Darantee On and after December 14th the foling schedule will be operated, to wit: Passenger, Bally.

2:00 m to 1:07 0:00 Fassenger, Dally.

Frains to arrive and depart from the company's new passenger sepot on Poydras street, New Orleans. Pullman Palace Sleeping and Drawing Hoom Cars on Trains Nos. Jami I between Kansas City and New Orleans. Pullman Sleeping Cars on Trains Nos. I and 2 between Memphis and Vickshurg.

F Brawman to A . Cl St Chartes at . N. O. Las S. Davave, G. F. a P. A., Memphis

(34 Division)

On and after Dec. 15th, trains will arrive and leave Greenville as follows: Train No. 1 leaves Greenville 2:30 p. m 2 arrives " Train No. 5 leaves Greenville 6:35 a.m.

Banks of tenves Greenville 6:Ma.m.

Banks dully except Sunday.

Train No. 1 connects at Stoneville on
Tuesdays, Wednesdays, Thorsdays, Fridays and Saturdays for Eureka and
Johnsonville. Passengers for Vicksburg and New Orleans take Train No. 1 for Burdette, leaving Greenville Datty at 2:30 p. m., arriving in New Orleans at 8 o'clock

next morning.
Passengers for Memphis and points
North take Train No. 5, leaving Greenville at 6:55 a. m. daily except sunday, arriving at Memphis 5:50 p. m. same day. No. 1 arrives at Greenville at 11:27 a.

Train No. 5 runs only to Warsaw. On and after Tuesday, Jan. 27th, 1885, train for Eureka and Johnsonville will-counced with the South bound passenger train on the L. N. O. & T. R. R. at the Drax-Bridge, daily, except Sunday and Monday

SAML, H. PURCELL.

R. A. FLANAGAN.

Watches. Jewelry, Diamonds, Silverware,

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Greenville, Miss.

Dr. J. L. YOUNG.



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FOR SALE.

I offer for sale a large quantity of the

\$1-One Dollar per Bushel .- \$1 lelivered in my new sacks at my land-ngs on the Tallahatchie and Yazoo looked happier or in a more healthy condition. When the investigation is completed it is certain that dogs will be rendered proof against rabies by inoculation with a weakened virus, which will, without the development of the state of the B. S. RICKS,

Ranger's Notice.

rove property, pay charges and take er away or she will dealt with as the

Greenville, Miss., March 3d, 1885.

(SUCCESSOR TO T. O'CONNER.) Saddle and Harness Maker,



Public patronage solicited.

The fast and reliable steamer "ISSAQUENA."

ville every Tuesday and Fri-

For freight or passage apply on heard, or to Superintendent Merchants Wharf daily, and comprises a full line of Boat, Greenville. Regular New Orleans and Greenville

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Leaves New Orleans for Greenville every THU RSDAY at p. m.; beaves Greenville for New Orleans every SUNDAY.

ET This line reserves the right to pass Landings that the Capitains may consider unsafe. Passengers to New Orleans make lightning time, avoiding Hallroad delays and expense. The fare and general accommodations cannot be excelled. Their Bonis do not run here only through the cotton season; but also through the dail months, to serve a public convenience; which shippers should continue to reciprosate.

MULES FOR SALE.

We hereby announce to the planters of Washington and surrounding Coun-ties, that we have on hand a SPLENDID LOT OF MULES. We will keep our stock full during the

Mule buying season. We can not be undersaid by Mem-phis or Vicksburg.

Give Us a Call and Inspect our Mules. A. J. MOORE, Feb 14 1m D. F. HUNT.

For Sale. My dwelling, in good repairs, and cheap. Apply to

W. A. EVERMAN, 272 Front St., Memphis, Tenn.

Cypress Lumber Always on hand.

Inch Boards, Plank, Sills. Joists,

Seautling, Planed Lumber DE OF ALL KINDS. "64 WEATHERBOARDS,

LATHS AND Bills sawed to order on short notice.

J. H. LEAVENWORTH, Proprietor Breenville, Miss., March 8, 1884.

EAR CORN FOR SALE! A. A. BALSLEY & Co. Car furnish Ear Corn to any planter on Mississippi River, below Arkansas City, at prices LESS THAN IT CAN BE GOT

FOR IN ST. LOUIS. Corn pure white. For particulars address Greenville, Miss., P. o. nex 58.



Allen Cotton Seed For Sale.

I have a quantity of genuine "Alien" long staple cotton seed for sale, which I will deliver either at Pinafore or Burdette, in new sacks, in lots of not less than 50 bushels, at 50 cents per bushel; or at Greenville at 60 cents; and in lots of5 tons or over at \$00 per ton; or at SE per ton loose, to wagon, on my plantation. Address

J. W. HARROW, P. O. Box 43, Greenville. Or BROWN & ABSTROL

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One dark bay mare mule 15 hands high, branded dimly J. W. on left shoul-

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Begs to inform the pub-lle of Greenville and viwith a large and carefully selected stock of Diamonds. Watches, Clocks, JEWELRY.

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In REPAIRING fine watches I can Guarantee Entire Satisfaction, having twenty-five years experience at this trade myself, and employing only the most skillful workmen. Call at my store and price my goods. NO TROUBLE TO SHOW. Respectfally,
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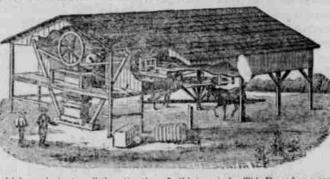
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Plantation Supplies, Bagging, Ties and Twine, which we are offering at Rock Bottom Prices.

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We have spared no pains to make our New Grocery Store FIRST CLASS in every respect. Our Shelf Goods are so arranged as to make it impossible for insects to reach them. Our Sugars, Teas, &c., are in clean, tight bins, so in this town for a number of years, and hat not changed hands.

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Any article bought of us that does not come up to quality as represented can be RETURNED AT OUR EXPENSE. Our alm will be to Keep Goods of the Best Quality and to Sell them at Reasonable Prices,

Respectfully. BROWN & ARCHER March 15, 1884.

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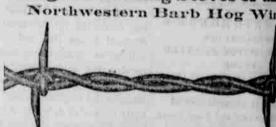
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