



Amazing New Theory.

San Francisco, Cal .- The discovery about 158,000 miles per second. that the radio wave travels slower aund in abundance. It exists not only in the quality and by the animal winners of our West, than light was announced by Capt. When, in 1626, a packet of the Dutch J. J. See, professor of mathematics wave is 165,500 miles per second. than light was announced by Capt. ent determinations of the wireless quantity of American highways, but in the development of road building haitan island with a cargo of domestic astronomer at Mare Island navy yard, methods and materials. The road animals and agricultural implements and well known authority on the

velocity of 165,000 miles a second, nary molecules of the size of oranges "After the Black Hawk war, in while light travels 186,000. Captain the aetherons would be like smoke 1832, the progeny of these settlers See considers that his discovery in shaped Wisconsin's economic destiny the velocity of the propagation of the by driving their covered wagons up radio wave about the earth may prove the west shore of Lake Michigan. the most notable step in the developin Living on Good Road Wherefore Wisconsin last year pro- ment of the wave theory since Roe-

Outline of Theory.

flected back in 0.054 of a second of time, The double distance is 8,500 miles, and the transmission comes out

"4. What is the cause of this? The aetheron or particle of ether is only one-four thousandth part as large in diameter as the hydrogen molecule, so that compared to ordifrom a cigar, and moving with a ve-

resisted in the solid globe. As the

"3. The mean of the two independ-Phenomenon is Explained.

locity of 294,000 miles per second. The wave travels through the solld earth as well as through the air and free space above the air, but is much

ether is 689,321,600,000 times more elastic than air in proportion to its

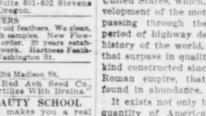
was arked by a friend to try Dr. Pierce's Golden Medical Discovery and Pleasant Pellets, as they had prolonged many lives. These medi-cines of Dr. Pierce's did wonders

cines of Dr. Pierce's did wonders for me—I am now 82 years old, work every day and enjoy good health; in fact, I feel better and more fit than I did twenty years ago. Dr. Pierce's remedies have given me the privilege of enjoying a healthy old age."—F. M. Criteser, 802 Mallory Ave. Go at once to your neighborhood drug store and get the Discovery in

rug store and get the Discovery in ablets or liquid, or send 10c to Dr. herce's Invalids' Hotel, Buffalo, N. V. for trial pkg.

Or the Price the Owner Paid.

It is astonishing how quickly the nerit of a picture can be determined -after we know the artist's name .-Boaton Transcript.



rego

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period of highway development in the cheese. history of the world, is building roads that surpass in quality anything of the kind constructed since the days of the a society of their descendants. Eco-Roman empire, that proof is to be nomic geography has been influenced

builders of this country have not only it paved the way for a principal indus- theory of ether. ontstripped their ancient predecessors in the use of the most ancient ma-nomically, the New Amsterdam set-wave travels around the globe with a terials, but are getting better results tiers were cheesemakers. with greater speed, less labor and lower cost.

Advantages to Farmers

guick transportation the farmer is en-abled to enter into the plans for the Cheshire, Gorgonzola, Edam, Cheddar,

Roads Bring Business

Anniston must have good roads

leading out into every community

chants draw trade. For two years Anniston's commercial organizations

and Anniston's merchants have been

energetically working to build up the country trade of this city, and the re-

sult has been gratifying. Despite the

handicap of poor roads Anniston has

extended its trade territory in every

direction and now this city is the mar-

ket for a greater number of people

from this and other counties than at

Regular Repairs Needed

Calhoun of the result when road main-

tenance is neglected, says the Annis-

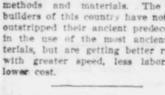
ton Star. Several roads in this county

Source of Succulence

The dairyman needs a permanent

We have striking illustrations in

and every county from which her mer-



Living on a good highway with duced \$3,000,000 worth of cheese. mer's original discovery of the velocity uick transportation the farmer is en-

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Protess extraction of to the same location. U.S. DENTISTS, 245's Wash-ington cor. Second. Portland. Oregon. When You Have Suffered Enough duced no RHEUMATISM.

MARCELLS MIRACLE MINERAL Address, Marcell, the Nature Man, 901 W. Lombard St., Portland, Ore. Please mention this paper

ELASTIC STOCKINGS, TRUSSES 3

223-34 North Sixth St., PORTLAND, ORE any previous time in its history .- An-Abdominal Supporters - Arch Supports, Send for meas-CORNER SECOND AND DONOHUE MORRISON Laue-Davis Drug Co. Truss Experts 173 Third St., Portland, Ore HORSES and MULES

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Gives Antitoxin Forcibly to Cut Diphtheria source of succulence for summer

Boston .- Discovery of a new treat- | a method of precipitating and concen-

ment for pneumonia in the form of an trating the antibodies in anti-pneumo

improved serum which it is thought coccus serum. The original serum,

may reduce the death rate from this which has been known for some time,

disease by 25 or possibly 50 per cent, was weak, he added, and its value was was described by Dr. Lloyd D, Felton, diminished by the fact that it pro-

assistant professor of preventive medi- duced violent reactions in the form of

cine at the Harvard medical school, in chills, serum sickness and rashes.

The treatment consisted, he said, of from the serum.

Lebanon, Pa .- Having forcibly ad-| Five of the deaths occurred in the ministered antitoxin to members of the family of Mrs. Charles Roth, her husfaith tabernucle, a cuit of faith curers, band and four children dying since local health authorities are hopeful of April 21. One of the children died checking the spread of diphtheria, while the funeral of another was bewhich in three weeks has caused the ing held. Mrs. Roth had refused medideaths of nine persons. All the vic cal treatment for her family. She and tims were members of families of the four surviving children were inoculatfaith tabernacle and all, the authori- ed, although she would not give verbal ties declared, had been denied medical consent, but submitted without proattention. test.

feeding. Relying on blue grass pastures is often unsafe because dry spells soon burn them up. Such dry spells cause the cows to drop in milk production. Sweet clover offers an excellent pasture value to the dairyman. Sweet clover, perferably the white variety,

niston Star.

grows abundantly, and does not cause bloat. New Pneumonia Serum May Cut Deaths to Half mines at Joplin, Mo., will be converted

People who like motor vacations an address at the New England Health Doctor Felton said he had been able being more than double the amount choicest things from the ship's larder, ger and reached San Francisco with in a talented raconteur. important good roads states.

stands up under drouth conditions,

Bituminized Road Material Tailings from the zine and lead into bituminized road material,

North Carolina Leads

benefit of his village and of his com- Parmesan, and many others-read like "An outline of the chief conclusions density-thus almost infinitely elastic DALLY selling \$12.50 made to three ordinary in the town meet-three ordinary in the affairs of three ordinary in the ordinary in the affairs of three ordinary in the ordinary in t

DAVID HODES CO., Inc. Everything from a bolt to an envine. Grad Ave., Gr. East Sales S., Partiand, Ore. Set of S8.00 Tecth, S8.00 Tecth, S8.00 Tech, S8.00

"Our animal immigrants have been

the forming of co-operative associa- tinted with a harmles solution of car- was sent from the sending station near tions that give him better marketing facilities and better prices for his

"There is a fascination, too, in the 000 miles per second. This figure is The resistance in the globe thus acts

"5. This bending is quite analogous

nean motion."

as they run ashore-the top of the ter Savage Landor. wave gains on the base. "The results are of interest in conection with the wave theory of magnetism and the cause of universal gravitation, because they bear on the cause of the fluctuation of the moon's

Scientist Says He

Has Weighed Atom

Paris .- The analysis of the atom, for which scientists have been searching vainly for years, has been achieved, according 'to an announcement by Prof. Camille Matignon to the Society

of Industrial Chemistry. Although the carbonic atom weighs a billionth billionth of one hundredth of a milligram and is ten billion times smaller than the smallest object perceivable through a microscope. Matignon showed that it was -

possible not only to weigh it but to analyze its constituents by a process of "lonizing." Through this process, the atoms are charged with elec-

tricty, which accelerates the speed at which they revolve, thereby permitting an analysis of comparative calculations of their speed with respect to their weight.

The importance of the discovery is that possession of the tiniest particle of any substance now permits correct analysis of the whole. In such a war Matignon analyzed a cubic centimeter of air, proving that it contained one millionth of a cubic

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centimeter of helium.

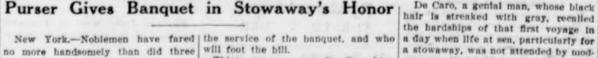
For more than 100 years a famous firm in London has been inventing and manufacturing locks and sales to balfle burglars,





Monster Halibut Caught Off Boston

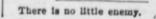
This giant fish, the largest gray hallbut ever brought to Boston, was caught near the Boston light by Sam Scola, shown with the fish. The halibut has been put on exhibition.



no more handsomely than did three will foot the bill. young German stowaways who were Thirty-one years ago De Caro him- ern amenities. He declared he could

will probably be surprised and inter-ested to learn that of all-states North Carolina spent more money on good roads during the past year than any other-the total of the past year than any other-the total of \$32,000,000, this The youths dined in state upon the they hid aboard a German square-rig- De Caro speaks eight languages and

to eliminate the harmful substances spent in California and several other At the head of the table sat Victor X. bruises on their bodies and disposide_Caro, ship's purser, who directed tions.



COAR Clothing Suits, 51250 made to measure. Will outwart three ordinary uits. Absolutely snag proof, water and ire resistant. Write for Selling Plan. For se wheels and looms.

Depth and Stillness.

Clear writers, like clear fountains, do not seem so deep as they are: the to the change of form of water waves turbid look the most profound .- Wal-

> Nowhere to Go but Home. 'Mid pleasures and palaces though we may roam, they all close at last and we have to go home .- San Francisco Chronicle.

Banana Leads Food Production.

The banana produces more food to he acre than any other plant. Its yield is about fifty times more than the potato, and about one hundred and fifty times more than wheat.

The Letter Q.

The origin of the letter Q is intersting in view of its similarity to the letter O. The name is derived from the French word Queue, meaning tail, as the letter is O with a tail.

Honey of High Food Value.

Honey is one of the most concenrated foods. Most foods contain a

certain amount of indigestible matter which is discharged from the system in the form of waste. In honey a fraction of 1 per cent only is actual waste.

Stray Bits of Wisdom

Like a great poet, nature produces the greatest results with the simplest means. There are simply a sun, flowers, water and love .- Heine.

Tip for Statesman.

Lame ducks are inevitably by-prodacts of popular government. But every statesman should have a trade. -Chicago Duily News.

Foil Burglars 100 Years. De Caro, a genial man, whose black hair is streaked with gray, recalled

