## The Newest Notes of Science

support a new bicycle saddle. electric lighting and 987 are for pri- For the construction of cylindrical

eight states, North Carolina leading tracted to various desired sizes. in the industry.

human hair in France. In 35 nations oysters support spec- months.

ial fisheries and in several others figure in the food supply.

transmit 200 words & minute. A folding metal seat, which will grip any size window sill, has been

invented for window washers' use.

Fuel off that works well in engines of certain types is being produced Sweden from shale and slate. The inventor of a motorcycle tire

claims so to compress the rubber that it automatically closes punc Motorcycle sidecars are being suc-

cessfully used for carrying the mails through rural districts in England. coal carries the body on a turntable so that it can be unloaded at any an-

A remarkable photograph of the trail of a meteor in flight recently was made by an English soldier in dozen years. India. Pennsylvania's mining laws

feet of air a minute and a miner 200 cubic feet. Shafts sun t into a coal field

Germany which had been burning several years revealed eighteen veins of blazing coal. In a Chicago maternity hospital prints are made of the babies' feet

with ink to make their identification Italion peat too low in fuel value to be used for heating is being utilized in the manufacture of nitrogen

fertilizers. Electrification of steam railroads brought the total of such equipment up to about 2,500 miles.

By a generator connected with its crank mechanism a new French motion-picture projector is furnished with its own electric light. A thermostatic device invented by

a Los Angeles man automatically lights smudge pots used in orchards to protect them from frost. Ice cream is frozen without ice in

a new English freezer that is a m iature refrigerating plant, using compressed carbolic acid. A vacuum cup to be worn on the hand, which he claims will enable

any person to curve a baseball, has been invented by a Nebraskan. Gold is being mined at a depth of more than 5,000 feet in South Africa, and it believed that the shafts can be sunk 3,000 feet more.

Iowa is the first state officially to establish a library of motion-picture films of current events for the use of future historians. The British meteorological office

has established a station for furnishing weather information and forecasts to aviators and aeronauts. What is claimed to be an unbreakable watch crystal has been patented,

made of celluloid and held in an undercut groove in a watch bezel A window that a Frenchman has patented consists of a number of pi-

voted sections which may be moved to any desired angle by pulling a A new muffler to lessen the noise

of a motorboat exhaust permits the waste gases to expand considerably and cool before reaching the air.

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Pneumatic balls as well as springs | phabet of 47 letters, including most of the Roman characters, some Russpain has 992 plants for public | sion and the rest original symbols. concrete articles a form has been in-

Press cloth for use in the manu- of Uruguay by locusts that an agri- him that his wares are not desired. of the Klaw and Erlanger New York racture of vegetble oils is made from cultural and live-stock census of that country was postponed for three themselves with aceylene and dis-

A French inventor claims that his mounted on a wire that may be by wireless waves from central sta- ing with New York life, is in three system of wireless telegraphy will thrust into a spool to hold it in posi- tions.

Two English scientists have evolved the gas neon from supposedly pure hydrogen by passing electricity through the latter while at low temperatures.

For cleansing surfaces from sand and grit a fountain sponge has been ter supply

venter of a man-power street sweep, "Zaza." er consisting of a tricycle with a re-A new motor truck for carrying volving brush mounted between the

simple apparatus invented by a a Red Cross nurse.

An Indiana woman has invented a

men can land and converse with per- "Rolling Stones." sons on the mainland. A patent has been granted a Mich-

of that country's needs. Sun glasses have been invented for | London.

baseball players, so hinged to a cap that a touch will drop them into poing toward him while looking directly at the sun.

vented glass valve cover.

nose diseases of that organ. there has been patented a tape to be passed through the buttonholes in a

ornamental clasp in front. zontal windmill with the vanes ize the force of the wind no matter Drama "Secret Service," and

in what direction it is blowing fornian has equipped it with canvas belts which revolve around the rear

wheels, providing smooth tracks. To hasten the mending of badly fractured bones an English surgeon has invented a system of screws to pass through the pieces of bone and nuts to press them into position. Sanitary advantages are claimed

for a Pennsylvania inventor's wire handle for milk bottles which converts them into pitchers, a spring

dentist has perfected a way to regis- years he succked about the world! ter the ridges of upper gums, which he says never change and are differ. States earning his living by his pen ent in every individual.

ing a Dresden engineer has succeeded in perfecting a rocket carrying camra to photograph objects and places over which it passes, being re by Bayard Veiller, the author of turned to the ground by a parachute.

To avoid the trouble of answering been named a door bell when a peddler calls

Guns that automatically load theatres. A recently patented lens for help- ed by a Scotchman for fog signalling. production ing persons to thread needles is the mechanism being set in motion

## Plays And Players

A despatch from Cincinnati states invented, mounted on a metal base that Mrs. Leslie Carter has retired that is connected by tubing to a wa. to private life. Her last appearanc |"I regarded motion pictures as comon the stage was in vaudeville this paratively unimportant as compared A French breycle rider is the in- season in a condensed version of with the speaking stage. In the legi-

The annual production of Sulphur Land," and very pleasantly remem- told, I will appear before hundreds in the United States has increased bered in "Bought and Paid For," is of thousands every afternoon and from a few more than 3,000 tons to making her vaudeville debut this evening. The temptation was too more than 230,000 tons in the last week at the Palace theatre, New strong. York, 'n "Marie Rose" by John Wil-To enable persons to take breath- lard. It is described as a melodrama ing exercises systematically and on a of the great war. Miss Dean has the progressive scale is the purpose of a name part, which is the character of

kitchen table with a mirror set in garet Mayo) have gone to Havana, dinary even in this day of all-star one leaf, so it can be turned up Cuba, for a month's vacation. Up- casts, has renamed it "The Great against a wall to convert the table on their return they will begin pre- Pursuit." The complete cast is as parations for next season. Miss follows: Phyllis Neilson-Terry as A lighthouse on an island in the Mayo's last play is "Twin Beds" Lady Harding, Marie Tempest as British channel has been equipped which was produced last season, Mr. Mrs. Glynn-Stanmore, Jeanne Eagles with a telephone so that shipping Selwyn is represented this year with as Kate Merry veather. Cynthia

igan inventor for an umbrella with sailed for England to join the Avia- General Merryweather, and Montelectric lights in the handle and at tion Corps of the British Army as a ague Love as Sir John Harding. the tip and ends of the ribs, all fed cadet under his own name, Vernon Blythe. He has been taking lessons | Sir Herbert Beerbohm Tree is to Experts have estimated that the in flying at Old Point Comfort and revive "Henry VIII" upon a sumptutin deposits of Austria, which have California since the conclusion of his ous scale at the New Amsterdam been but little developed, can be engagement in "Watch Your Step" Theatre in New York last in March made to supply about three fourths last December. He will report at the with a notable company of American War Office directly he arrives in and English actors.

Instruments invented by a German Dawn, who of late has devoted her- ty's Theatre in London. by the heart and its distribution en- Whether Mme. Melba is to appear in is now Park Row at numbers 21 to To save the use of collar buttons direction, has not been disclosed.

Francis Neilson, M.P., is probably collar and shirt, fastening with an the only ex-actor who is a member of the Imperial House of Commons, A Frenchmen has perfected a hori- according to The Boston Transcript, erica, Sir Johnston Forbes-Robertson so He made his first appearance in will appear by special invitation at shaped that nine tenths of them util- | London in 1897 in the American the Indiana University in Bloominglater stage manager at three To enable his automobile to run London theatres. Mr. Neilson has On March 11th he will be seen in over deserts and sandy roads a Call- done almost everything. For ten Passing of the Third Floor Back"



mainly in Canada and the United and in a variety of other ways, and After fifteen years of experiment- gaining experience which afterwards made him a fascinating talker.

"Within the Law," but it has not yet

As an unusually elaborate produc-Mica is produced commercially in vented that can be expanded or con- there has been invented a sign, dis- tion is called for, the play will not played by pressing push buttons in- be presented unt'l the beginning of So serious was a recent invasion stalled through a house, informing next season, when it will open at one

> It is estimated that it will take at charge themselves have been invent- least three months to complete the

Mr. Veiller's new melodrama, dealacts and twenty-four scenes, and the story is said to be developed upon

Edward H. Sothern, one of the foremost actors on the Englishspeaking stage to-day, is the latest

timate theatre I appear before several hundreds-possibly a thousand Julia Dean, last seen in the legiti- or two-six nights a week for a matmate as the star of "The Law of the ter of 40 weeks. In the movies, I am

> Mrs. Sothern (Julia Marlowe) will! not be seen with him on the screen.

C. Haddon Chambers, who has rewritten his play, "The Idler," which Mr. and Mrs. Edgar Selwyn (Mar- Brooks by a group of players extraor-Brooke as Mrs. Crosby, Bruce-McRae as Simeon Strong, Charles Cherry as Vernon Castle the dancer, has Mark Crosby, H. Graham Browne as

The Tree Shakespearean revivals

Two new stars have been added to season for some years past. Just Charles Dillingham's attractions for now things of a rather more serious next season, two extremes as it were, nature than the theatre are occupyone being Mme. Melba, the foremost ing London and the notable celebra-To protect wallpaper, carpet or English-speaking prima donna, and tion of the tercentenary of Shakesfurniture from injury by steam or the other Marie Dressler, foremost peace's death is to be appropriately hot water escaping from a radiator burlesque comedienne and a Can- celebrated with a season of Shakesvalve is the purpose of a recently in- adian. It also was reported that pearean plays at the New Amster-Mr. Dillingham had signed Hazel dam Theatre instead of at-His Majesto register the electricity produced self entirely to motion pictures. The Park Theatre stood on what

able physicians accurately to diag- light opera or whether she will con- | 25, and the public thoroughfare back tinue in concert under Dillingham's of these buildings up to the present day bears the name "Theatre Al-

> was ton, Ind., on March 9th, presenting big "Hamlet" in the Campus Theatre, and "Hamlet," under the auspices of the University of Illinois. The University of Wisconsin at Madison has also extended an invitation to Sir Johnston, but it is doubtful whecount of previous contracts in other cities. Forbes-Robertson's tour also includes Ann Arbor and Battle Creek, Mich. In the latter city his

> > en over by the public schools. said to be the largest ever made an clined to act Kipling's "The Light that Failed" for the cinematograph. Forbes-Robertson has, however his Hamlet having been filmed in England four years ago, "The Light that Failed" has been one of "Passing of the Third Floor Back,"

"Hamlet" performance will be tak-

Grand Prize, Panama-Pacific Exposition, San Francisco, 1915 Grand Prize, Panama-California Exposition, San Diego, 1915



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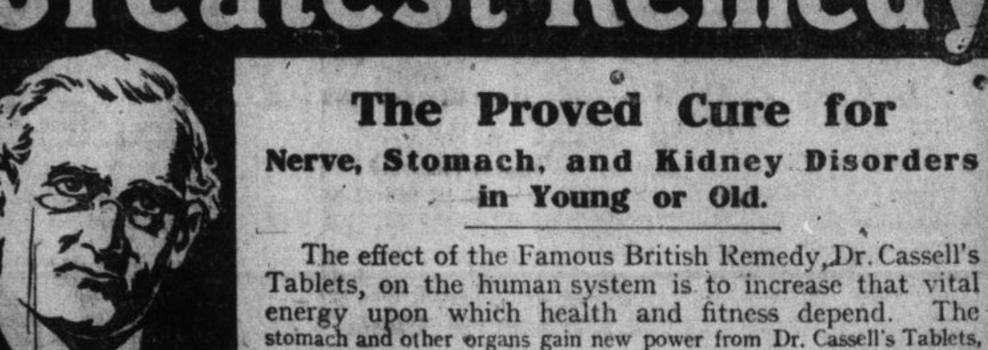
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