DESERET EVENING NEWS: SATURDAY, JULY 13, 1901.



T has long been apparent to keen obliged to procure a bondsman and done many philanthropic acts. He is a warring elements and, in conjunction Philadelphia that Widener always got Philadelphia. He is now 64 years of age its development, although many of the has long been apparent to keen obliged to procure a bondsman and done many philantifopic acts. He is a warring elements and, it cast aggre- what he wanted in that city, and the and is engaged in reconstructing the clumsy mistakes of the past have been observers that there is as much found him in the person of another great lover of art, and the Elkins gal- with Whitney, formed that vasi aggre- what he wanted in that city, and the and is engaged in reconstructing the clumsy mistakes of the past have been money in comparatively small en- Philadelphian, Mr. William L. Elkins, lery, like the Widener, contains many gation of capital which has since se- same may be said of Whitney and New underground lines of London. He was permanently corrected. The problems terprises, such as city or subur- Between these two there developed such noted paintings. cured control of New York streets and York. ban trolley lines, as in vaster an intimacy that later on, after they That these two partners in the El- shut out all competitors.

tial outlays of capital and the trav- rallway enterprises, they were known

electric road has arrived. And the distancés to be covered by the accomplished and projected "electrics" are not all of them short, as, for instance, the latest to be announced, a trolley line from Cincinnati to Fort Wayne, is to be 356 miles long. It is already possible to travel by trolley from New York to Boston, and Al Johnson's scheme for connecting New York and Philadelphia by trolley cars traveling at 50 miles an hour was only recently exploited in the press. From Germany comes the information that on the new electric railway now in construction between Ber-Itn and Zossen it is expected to develop a speed of 114 miles an hour.

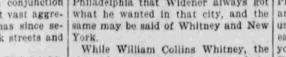
Everything points to the universal use of the electric railroad all over the United States, and now that the people generally are awakening to the fact much curlosity is expressed as to those men who had sufficient farsightedness to perceive the magnitude of the movement before it began. There are, of course, many names that have more than local prominence, but only those which are most conspicuous are here mentioned. It has been predicted of the largest street rallway syndicate in the United States, probably in the worldthe Elkins-Widener-Whitney combination of New York and Philadelphiathat eventually, and at a time not far distant, it will control every mile of track east of the Mississippi and between Canada and Florida.

Mr. P. A. B. Widener, the man to whom is given the credit of discovering the latent traffic possibilities in Phila-

CHAS, T. YERKES. HENRY M. WHITNEY. delphia's streets, was born in the City | tached to all their operations after their Brotherly Love Nov. 13, 1834. first acquaintance, and they formed His educational advantages were few that financial alliance that has carried and served him at first only in the hum- through so many vast undertakings. ble capacity of a veal butcher. Taking | William Lukens Elkins was born near to politics, he became prominent, and Wheeling, W. Va., in 1832, but was in 1873 was appointed to fill the unex- brought up and educated in Philadelpired term of City Treasurer Mercer, phia, his ancestors being of Quaker who had defaulted. On retiring from stock. Like his future partner, Widepublic office, in 1875, he turned his at- ner, he never advanced beyond the comtention to the development of the city's mon schools and early embarked in street railroads, joined with him some business for himself. In 1862 he invested influential men and secured the fran- in the oil regions, and during the next chises that made him and his compan- 20 years or so, first as a speculator and ions millionaires. Branching out into then as a refiner, he was engaged in other kinds of business, the head of the building up a large fortune from oil. It concern became a dominating factor in is not as an oil man, however, that he many enterprises, and his name became is best known, but from his connection well known in other large cities, nota- | with street railways. He made a great bly Chicago, New York, Baltimore and success of his first venture in this di-Pittsburg. It was about four years ago rection, acquiring for himself and his

schemes compelling immense ini-bad launched out into their vast street kins-Widener syndicate have great With the advent of the Philadelphia outlays of capital and the trav-railway enterprises, they were known courage and capacity, unusual foreersing of great distances; in brief, that as the "traction twins." Their hyphen- sightedness and shrewdnesss, goes combination was formed and another known to need a detailed description quickly forge to the front. By process. the day of the steam railroad for short ated names, "Elkins-Widener" or "Wi- without saying, for they have accumu- hyphen added to the title of the bigdistances is passing and that of the dener-Elkins," were always seen at- lated vast wealth together and have gest monopoly, in its way, on the face famous but almost equally success- ors of capital Yerkes came into control

WM.C. WHITNEY.



in this connection, he has a less es known to the successful manipulatful brother, who should be referred of the city railways of Chicago, and example, which Professor Theologe to in a casual glance at the trac- after years of almost superhuman labor Hough has established at the Massa. tion millionaires. Henry M. Whitney succeeded in uniting in one great sys- chusetts Institute of Technology, it has was born in Conway, Mass., in 1839, tem the lines which today absolutely been deemed important to determine William C. Whitney had a college edu- gridiron the city. A man of indomita- the mean blood pressure in man under but Henry M. got no higher than Wil- forceful character, Mr. Yerker has comcation and graduated from Harvard, ble will, with unbounded ambition and liston seminary, after which he went pelled natural obstacles and human and physical exertion, and very interinto a Boston bank as a clerk. He de- will to yield before him until at last he esting experiments have resulted. The veloped into a great financier and about has achieved his ambition. 15 years ago conceived the plan of uniting all the street railways entering Bos. ton under one management. As presi- cial ties in the United States, but he subject an elaborate apparatus has dent of the West End Railway company Mr. Whitney became a power in the Londoners a lesson in American externally. A man's veins are elastic Boston, in a certain sense surpassing methods of rapid transit. his brother in the larger metropolis, He [has been identified with the city's trac-

tions for the past 15 years and has built up a rapid transit system of which course be considered incomplete with- an outside pressure, as of water at a he is proud. Incidentally, he has also

WM.L.ELKINS.

JARICERER FATER FATER

while William Collins Whitney, the young man was in business as a broker. inevitably encounters are now receiving

Mr. Yerkes has a magnificent rest- the case of animals by temporarily dence in New York and a thousand so- opening an artery, but for a human seems to consider it his duty to teach been devised to measure the pressure

This account of men who have be- of the blood that any pressure, as of the come prominent through the exploita-tion of city surface lines would of additional distention. When, however, out mention of unique Tom Johnson of proper height, is applied, the inside Cleveland. In a certain sense he is a pressure of the blood is neutralized, the national character through his services veins become lax, and the full distend. in congress and his strenuous and per- ing power of the pulse is apparent. sistent advocacy of the single tax idea. To attain this condition measure He has come before the public in recent ments in blood pressure are made h

nanager and a persistent preacher of the subject thrusts his arm. In order cheap railway fares for the common that the pressure of the water may b cople. In fact, he made this 3 cent fare accurately gauged, a water tight co advocacy a successful warcry in his re- nection is made by a surgeon's rubb cent mayoralty fight, while his brother glove and heavy rubber bands at th Albert, recently deceased, showed mouth of the jar. The jar is then filled through the press what vast benefits with water by a tube from a supply would be conferred upon the public by bottle, which last is raised or lowere consolidation of existing lines between to regulate the pressure. When an engreat cities, like New York and Phila- act equality between the normal predelphia. Both Tom and Al began life sure of the blood outward and the pres as unassisted sons of an impoverished sure of the water inward is established Confederate soldier, but both had a rep- any extra pressure of the blood is def. utation as "hustlers" from the very nitely manifested and is communicated first. Until the lamented death of his by means of another tube to a column brother Tom Johnson was usually asso- of mercury, where it is recorded by clated with him in his many railroad floating needle, which marks the result schemes. Now Tom is a millionaire, on a revolving cylinder. and, although he has retired from ac-

nore than 20,000 men in his various en- ically, comparative measurements of terprises and owned the electric roads the blood pressure have been secured f Allentown, Pa., Cleveland, O., and when he was solving a problem is Indianapolis, besides having large rail. mathematics, translating a difficult way interests in Detroit, Brooklyn, etc. | passage from the German or attempt. Although the city of New York still ing to repeat something which had been runs three-fifths of the obsolete horse read in his hearing. Much has already

cars contained in the United States, its been done to record the changes vast population makes its territory a blood pressure consequent upon degrees rich field for exploitation. H. H. Vree- of violent exercise, but the rapidity of land, president of the Metropolitan sys- the heart beats under such circum tem, who rose to his present high post stances has materially increased Profrom the ranks, has recently accom- fessor Hough's difficulty in obtaining olished the transformation of a portion accurate measurements.

Physical training, as undertaken in schools and gymnasiums at the present day, is still in the experimental stage of early a speculator and when a very which the instructor in physical culture physiologist, and new lines of study are being pursued.

MEASURING

PULSE !.

In the course in personal hygiene, for pressure could be measured directly in and are so distended by the normal flow

years also as a street car owner and means of a large glass far, into which

Starting with records made when the tive business, not long ago he employed subject was at rest mentally and phys-

that Mr. Widener announced his deter- partner a complete monopoly of Philamination to present his magnificent and delphia's surface tracks. Once having conducted some of the most stupen-1 of the earth. It was then and is now | built up a fortune. Like his Philadel- ground electric at a dead loss of about palatiai residence to his fellow citizens. mastered the elements of traction, as dous financial schemes known to any known as the "Widener-Elkins-Whit- phia rivals. H. M. Whitney, has got a \$6,000,000. This amount of property, and

VREELAN

The residence was valued at \$600,000, it were, it was very easy to branch out times. Through C. T. Yerkes they be-and the art collection which it contain-and take in other places, and the Wide-came interested in Chicago surface erybody knows William C. Whitney, coke, steel and gas, being president of Metropolitan deliberately threw overed and which went with it was esti- ner-Eikins people became organizers lines and through W. C. Whitney they formerly President Cleveland's secreta- the Dominion Coal company, New Engmated at not less than \$400,000, making and part owners of those systems in obtained a foothold In New York. As ry of the navy, had great influence with land Gas and Coke company, the Mas- itself from its vast earnings. the gift worth \$1,000,000 in all. Two New York, Chicago, Baltimore, New to the latter venture, it is said that the powers that were. Whitney worked sachusetts Pipe Line, etc. years later he set aside \$2,000,000 for the Jersey, etc., which have made their when the friends of Jacob Sharp and the political franchise dispensers in a In a class all by himself must be tal earnings of New York city's surface all possible injury and placed on exhibit

PETER A.B. WIDENER

erection and maintenance of a home for names almost household words today. W. C. Whitney were fighting for control way that secured for him and his placed Chicago's great ex-traction mag- roads last year at \$15,000,000, Brook-They also went into other schemes, of the streets of New York city and it Philadelphia partners practically a per- nate, Charles Tyson Yerkes, who, like lyn's at \$11,000,000 and Philadelphia's at crippled and deformed children. At the time Mr. Widener was appoint-such as gas and electric lighting, coke to the office of city treasurer he was and coal. Like his partner, Elkins has Widener-Elkins people reconciled the Widener-Elkins people reconciled the It has long been currently reported in of his most noted confreres, was born in

of his road from cable to the under-

DIGGING FOR PAPYRI DELICATE. The Greek papyri recently given to Harvard by the Egypt Exploration President Vreeland estimates the to-

CHANNING A. BARTOW.

The Sultan of All Morocco.

fund have been framed between glass to allow the closest examination and at the same time to protect them against tion in the Semitic museum. The most interesting is a sheet containing the first seven verses of the first chapter of it. Paul's epistle to the Romans. It dates back to the beginning of the fourth century of the Christian era and is still in such good condition that Prefessor Lyon was easily able to write the catalogue number on it with modern pen and ink without tearing or even

cratching the ancient surface. Papyrus was made of the pith of an Egyptian reed, thin strips of which were laid side by side till the necessary size was obtained, and then another layer, with strips running at right angles with the first, glued to its surface. Although the specimens which have been recovered in such numbers during the last few years are often much less fragile than they look, the wonder is that they should have lasted at all through all these centuries, and digging for them, of course, is a most delicate oper ation if one is to recover them in good condition. From another point of view papyrus digging has been compared to gold seeking. Just as the gold sceke follows his view of quartz, so the papyrus digger follows a stratum, or vela of what the natives call "afsh," consisting of earth mixed with bits of twig of straw, which apparently is the remain of the house rubbish of the ancient in habitants. Good afsh, it is said, must be neither too hard, for coagulation in the process of hardening is fatal to the papyri, nor too soft, for then it tends to become a fine, powdery earth, in which the papyri will be found to have decomposed

It is calculated that at least half the papyri unearthed in Egypt have been destroyed by the carelessness of the isnorant natives. Egyptologists believe, however, that the rich mine of these up rivaled documents of ancient life and literature has still many treasures b render up to the patient seeker, and the increasing interest in antiquities in this country is likely to bring many more such manuscripts as those now at Harvard to American museums.

GERMAN CENSUS QUERIES. The following are questions of the

German census paper: (1) Christian name and surname? (2 Married, single, widowed or divorced (3) If married, when? (4) Born when (5) Birthplace? (6) If not a native, how long have you lived in Germany? Occupation? (8) Religion? (9) Mother tongue? (10) Under German or what law? (11) Are you blind, deaf or dumb! (12) Were you so from birth? (13) With regard to children in the first year, what are you feeding the baby (This last question is with the

others sober fact.) For lodging house keepers there are more: (1) How many front windows in house? (2) How many rooms? (Rent of each? (4) How much i charged for board? (5) Is there a bathroom? (6) Is there a pantry? What rent is paid for the house? (5) How much is made by it?

The Sultan's Minister. Duiras TRIPOL



N order to discover the real reason | back the Moorish legions in Andalusia, | sent her soldiers across the Mediterra-, by a persistent delimitation of the cofor the dispatch by the sultan of have hankered for revenge and territo- nean and took the port of Algiers from terminous boundary line between Al-Morocco of an embassy to Eng. rial reprisals. the pirate beys. It is doubtful if France geria and Morocco the territory of Sul-

land and to the continent of Europe recently it is only necessary

to glance at a map of his empire. ernments of Europe as to the negotia- | heart. But Great Britain, having held | an unexploited territory, tion of commercial treaties.

uncomfortable situation of Sultan Mu- having been practically mistress of the Africa, with spurs and feeders down to- like the sultan there seems only the ley Abdul Aziz, ruler of Morocco, as to Mediterranean all that time, will never ward the great Sahara desert at vari- Chinese way-of exciting some great rihis neighbors. Morocco, with its area relax her hold. She would not even ex. ous points. The last project, soon to be val power desiring his favor against of some 300,000 square miles and a pop- change it for Centa, on the African side carried out, is the crossing of the Sa- another. In the end, of course, it will ulation estimated at anywhere from of the strait, though doubtless Spain 3,000,000 to 5,000,000, is peculiarly unfor- would giadly make the trade and throw tunate in being the nearest African in a good many square miles of her country to Europe, and hence has ex- west African Islands. What the Engcited the covetousness of countries on lish want now is not more possessions the other side the strait for centuries. | but strategic positions. Gibraltar is all Once it was part and portion of the fa- right of itself, but directly across the mous Barbary states, but one by one strait He Ceuta, Tetuan and Tangier, those states have been absorbed, and all ports at which an enemy might harnow, it stands isolated and alone, far bor and make bases of operation for from friends and lands containing rul- acts of aggression if a Mediterranean ing people of kindred faith, and, more- | war should occur. over, it holds a geographical position

Ject of great desire to its neighbors.

Spain has a foothold in Morocco, in enemy of England would be equivalent its penal settlement of Ceuta; but, al- to flanking Gibraltar and rendering it though at one time it practically domi. innocuous. To get and hold these ports nated the whole country and held pos- and adjacent territory is the hope and session of most of the Mediterranean desire of British strategists; to capture ports on the African side, it will never the vast trade of interior Morocco is the again probably acquire more than it at cherished scheme of British merchants present holds. Spain would like to un- and manufacturers. The latter statedertake the reconquest of Morocco not ment is borne out by the last report reonly on account of its contiguity, but specting the Moroccan mission, which for the sentiment of the thing. More is that the sultan has authorized his than a thousand years ago Moors and envoy, Cid El Mehedy El Menebhi Arabs from this same country invaded to negotiate a commercial treaty with Spain by the way of the strait of Gi- Great Britain in the first instance, braltar, the promontories of which which will be the entering wedge towere then known as the pillars of Her- ward opening Morocco to foreign comcules. One of these "pillars" is Ceuta, merce.

which Spain still owns; the other, over | But Great Britain is not to be allowed on the European side, is the famed GI- quietly to absorb this old yet new terbraltar, named after the fierce Arab ritory without a struggle for commer conqueror, Gib el Tarik, the one eyed cial if not actual supremacy. Her warrior who overran southern Spain great rival in the field is, of course, and opened the way for its complete France, which for nearly two generaconquest early in the eighth century,

When Spain lost Gibraltar to the has reaped a rich material reward from tan Muley Abdul Aziz has been very British in 1704, she gave away the key her labors in Algiers, but the north Af- much restricted. With the Mediterrato the situation, which the has vainly rican field has proved a great training nean, practically controlled by Great tried to regain many times since. She school for her soldiers, opened an out- Britain, on the north; the Atlantic, While the ostensible excuse was the looks upon the continued retention of let for her surplus population, especial- where his ports are few and poor, on congratulation of King Edward VII on dibraltar by the British as a breach of by for agriculturists and, as intimated, the west: the Sahara desert on the his accession to the throne, behind it international county, and so long as it has shown what can be accomplished south, and a great power like France all lay another and the actual motive, is held by them just so long will the by the application of scientific methods telentlessly encroaching on the east which was to sound the different gov- | wound rankle in the proud Spanish in the development of the resources of Muley Abdul is, to use a figurative but

Gibraliar for nearly 200 years, and by For more than a thousand miles a which he sees but one way of escape. A glance at the map will reveal the means of her grip on the great rock railroad runs along the north coast of To a man of rather limited abilities

Tetuan and Tanglers are ports of Mo which alone is enough to make it an ob- | rocco, gateways leading to the rich in-

) terior, and possession of them by an

Tablet * Agada Wagrut Agadır

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ORDCCO

Sebkha el Biodh to Tenduf in salat Philip & Son 32 Freet St Londor

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Kenatsa

haran desert to mysterious Timbuktu by prove disastrous to Muley Abdul and this little army of 30,000, Knid Maclean, tions has held possession of adjacent But that is not to the credit of the na- Algeria and has acquired a vast fund of a north and south rail line from the his subjects, for he has long been look. together with a retinue of two dozen tive Castilians, who over since the time experience in her dealings with the Mediterranean coast. This will com- ed upon as the "sick man" of north Af- people, is regarded as an event of great when King Ferdinand finally rolled north Africans. About 70 years ago she pletely hem in Morocco on the east, and rica. All the European monarchies are significance. TRUMAN L. ELTON.

MEN IN THE PUBLIC EYE.

Paderewski's friends were not sur- is in this country on a four months' fur- servatory under Le Verrier. Paderewski's friends were not surface from the Philip-prised that his opera. "Manru," dealt lough from service from the Philip-The stockholders of the Milwaukee with the troubles between the Teuton pines, spent a few days recently in St. Law Library association have decided Half of the village of Hermannsreuth, is native place and may given between the troubles between the troubles between the troubles between the Teuton pines, spent a few days recently in St. Law Library association have decided Half of the village of Hermannsreuth, is native place and may given between the troubles between troubles between troubles between the long been interested in this subject and a banquet by the St. Louis club.

1858. He was born in 1850 and was for that the suggested change would be un- they pay the usual tax on imported ma- page about London. On the other hand, tist Theological seminary, professor of some time assistant at the Paris ob- fair to the late B. K. Miller, who made chinery.

and gypsy races. The composer has Louis, his native place, and was given not to accept the \$10,000 legacy left the Austria, which is situated near the Baessectiation in the will of Ammi R. R. varian frontier, was destroyed by fire Neither he nor the Duke of Cornwall She prefers to ride in a victoria. bas studied gypsy music and manners tarefully. Dr. Adolphe Hirsch, who died recent-by, had been director of the observatory Dr. Adolphe Hirsch, who died recent-by, had been director of the observatory Dr. Adolphe Hirsch, who died recent-by, had been director of the observatory Dr. Adolphe Hirsch, who died recent-by, had been director of the observatory Dr. Adolphe Hirsch, who died recent-by, had been director of the observatory Dr. Adolphe Hirsch, who died recent-by, had been director of the observatory Dr. Adolphe Hirsch, who died recent-by, had been director of the observatory Dr. Adolphe Hirsch, who died recent-by, had been director of the observatory Dr. Adolphe Hirsch, who died recent-by, had been director of the observatory Dr. Adolphe Hirsch, who died recent-by, had been director of the observatory Dr. Adolphe Hirsch, who died recent-by, had been director of the observatory Dr. Adolphe Hirsch, who died recent-by, had been director of the observatory Dr. Adolphe Hirsch, who died recent-by, had been director of the observatory Dr. Adolphe Hirsch, who died recent-by had been director of the observatory Dr. Adolphe Hirsch, who died recent-by had been director of the observatory Dr. Adolphe Hirsch, who died recent-by had been director of the observatory Dr. Adolphe Hirsch, who died recent-by had been director of the observatory Dr. Adolphe Hirsch, who died recent-by had been director of the observatory Dr. Adolphe Hirsch, who died recent-by had been director of the observatory Dr. Adolphe Hirsch, who died recent-by had been director of the observatory Dr. Adolphe Hirsch, who died recent-by had been director of the observatory Dr. Adolphe Hirsch, who died recent-by had been director of the observatory Dr. Adolphe Hirsch, who died recent-by had been director of the observatory Dr. Adolphe Hirsch, who died recent-by had been director of the observatory Dr. Adolphe Hirsch, who died recent-by had been director of the observatory Dr. Adolphe Hirsch, who died recent-by had been director of

Ghadam

Statute Miles

Railways ____ Routes

200

is years since he has driven himself. however, has never driven in London. Brigadier General John C. Bates, who at Neuchatel since its foundation in Library association. It was thought come to the rescue and demanded that king will be seen driving his own equi- formerly president of the Southern Bap- nial or United States history.

philosophy; Dr. William A. Harris of he queen is very fond of driving her

William J. Curtis of New York has



G

Charlas

1 Goleo

Ain Sefra

R

or to Great Britain.

agreed on one point, and that is that

Morocco must eventually become the

prey of some greater, grander power

But they are not willing that it shall

fall either to France, to which the fin-

ger of inevitable destiny seems to point,

