journed at a late hour of the night. As

At this juncture an appeal came from

they would vote for their own honored

statesman, James Buchanan, the South

would give him in return every electoral

we gave our little money for that pur-

the crisis was averted, and the war de-

Fremont as it did four years after-

ward at the election of Lincoln. Wise

would have seized Fort.ess Monroe,

His fight would have been furious and

writer, he said, "I remember well my

might have been prevented, or the

and due preparation would have caused

flames were no guide for our course.

now lives, the writer.

Of the gentlemen who participated

the conference I have described but one

he tombs of their fathers-soon there

will be none left to tell the story of an

acklent which no one of the partici-

IMPORTANT ANNOUNCEMENT

(bua, Savannah, Camden, South-

Winter excursion tickets were placed

Florida, on October 15th, and will re-

ceptionally low rates are in effect this

and all points in Florida and Cuba. To

reach any of these points, the service

of the Seaboard Air Line Rallway

"Capital City Route" will be found the

est and most attractive. In addition

announced that Cafe ears will be

placed in service on the Washington-

FISHING PARTIES VIA SEA-

BOARD AIR LINE RAIL-

WAY.

Working 24 Hours a Day

GEORGE W. BROOKS.

saddle himself to command.

broken out on the election of

The November election came,

The Photographic Methods of Up-to-date Astronomy

gions, are Nova Normae, Nova Carl- quipa, thousands of miles away.

afterwards the second director, | same way.

bree-story, fire proof, brick buildthe observatory grounds which oted exclusively to photographic Many of these negatives hav€ een taken in Cambridge; many under other. out to the Island of Jamaica, where such transit of il and then by pack mules, to their to the zenith, or from the zonith to the Pole Star apparatus in Cambridge ways thought that if the other Southern destination in the Andes. When horizon, but swing in a circle around 4,000; and 973 out-of-focus plates have Governors had met Bragg, Adams and

eing used throughout-who rates it as account. aght ascension and declination, that is, corrected.

Cambridge, Mass., Nov. 17.-Of the noted, tegether with the date of tak- Observatory is little less than astonishfunction new stars discovered linee ing and the period of exposure, these ing. For several years the entire sky Brahe found the celebrated Nova data, of course, being forwarded by the was photographed at least twice a year counseled among ourselves. We felt shortest and most direct route to the Cassiopeia in 1572 six were first no observer. A negative then goes to an at the two stations, but of late the work in Cassiopera in 1912 sax were met in the grant on a star chart, has been extended until now the entire at the polls, B. Knobel, the president of the drawn in general on the same scale as sky is photographed at least once a E. B. Khobel, the president of the plate itself, so that the negative month both at Arequipa and in Cambridge and in Cambridge and the mational Demogratic committee ask-Royal Astronomical Society of Land may be moved about until the stars in bridge. In addition, various sections ing for funds to defray the expenses of the center coincide with the stars on where the stars for some reason have the campaign. We had no milionaires raphs stored up for the perpetual use the chart, and in this way the real posithen to furnish the meney, and their sky obtained, and any possible error in nearer the equator, takes in more of the sky obtained, and any possible error in nearer the equator, takes in more of the South into Pennsylvania, the real battlecharge during the last fifteen It is thus possible, without delay, to the Southern, but the two overlap suffi- ground, to pledge the people there if es of the Harvard photographic col- verify in Cambridge work done at Are- ciently to give a fairly complete record

Nova Centauri, Nova Sagittarii, After this the disposition of the plate occasional unfavorable weather conova Aquilae, and Nova Persei-not the depends upon the class to which it hap-ditions at one station or the other. The We were not bloated bondholders, but Persel of this year, which is pens to belong. If it is a chart plate- work requires the constant service of the No. 2, but an earlier Nova in that is to say, a plate taken without the four-inch transit photometers already same constellation which appeared interposition of a prism-it is filed in a spoken of, two eight-inch doublets, one pose as freely as if it were water. he record of photography ap- stack, unless immediately required for at each station, the eleven-inch Draper Ponnsylvania was saved by the better when one recalls the seme special piece of work, and indexed photographic telescope at Cambridge, Ponsacivants was saved by the better when one recalls the seme special piece of work, and indexed photographic telescope at Cambridge, of the teeth. Fremont was defeated, paried during which in a catalogue, so that the astronomer and the thirteen-inch Boyden telescope were found only two may fit once refer to it if any question at Arequipa. To the great Bruce doubwere discovered elsewhere—both comes up as to the position or character at Arequipa falls the work of phometric phom that stellar photography has been Floming personally, who examines it in graphs are necessary when there is no for little more than fifty years, detail with a magnifying eye-piece. Any apparent variation in the stars and when fifteen years systemati- variation from the normal in the charactine great majority of the plates are significance of this list of new tar of a star is catefully noted in ink merely filed away without special ex-Bustrating the increasing im- on the back of the plate, with a separ- amination. The answer is that a conthe camera in astronomical ate record elsewhere, so that even if the tianous record may at any time be refirst record should be erased the object quired-a fact which was notably in as it so happens, is now, might still be identified. Not only were evidence in the case of the planet Eros, has been, the centre of as the six new stars previously mentioned when it appeared in 1898. Search was photography. The first star d'scovered as a result of this careful then made through the Harvard plates, ever made was taken at the examination, but hundreds of variable and images of the planet were discov-

William Cranch Bond, ferences in chart plates, due to differ- position and path during the entire time and on their individual responsibility, stake in Neal's branch, thence up said director. Prof. Bond used the cut methods in taking them. In the that it was near the earth could be acdaguerreotype plate in more common form the instrument and curately and conveniently determined army upon the city of Washington 1821/2 acres, being the land devised to 1870 and wet plates in 1857, the dry plate which is now universally used by plate which is now universally used by reproducers not having then been invented, but the results which he obtains the planets, or asteroids, appear as lines of light. For very faint of were remarkably interesting, and his lately learn word with and, a method the archives, its immense has lately learn word with and the archives, its immense has lately learn word with any planets and musicious the archives, its immense has lately learn word with any learn and all the arms and musicious the archives, its immense that which the archives, its immense that washington from data which could never have been from data which could never have been thus appear as points of light, while the gathered, even, except for the photo-planets of 1861. He would have seized the government at Washington which has lately learn word with all the arms and musicious the archives, its immense that washington from data which could never have been data which the planets of 1861. He would have seized the graphle camera. And this is only one of a great number of such first archives, its immense where the planets, on the other hand, a method where the Harvard collection of photree papers, published in 1857, dealing has lately been used with much success tographs, as the largest and most valu- treasury, and all the arms and munitions thods and aims of his work, in which the plate follows the planet, able in the world, has been useful not of war within reach. He would have are shadow its recent wide application the stars forming meteor-like trails and only to the Harvard astronomers but to been the chief-like Jackson in Florida. it planets, points. Again, in photomet- astronomers all over the world. present over 110,000 negatives, ric week, in which the comparative light | An idea not only of the really extraorranging in size from four by five inches of the stars is to be measured and where dinary extent of the Harvard photo- the execution of his purposes the red-20 to 24, are carefully filed away photography is often of the greatest use, graphic work but of its great variety tape dignity which Jeff Davis did; nor the camera is purposely set out of focus, may be obtained in the number of plates would be have known any such fabian so that the stars appear as surfaces, in recorded in some of the different series. Policies as characterized the campaigns stead of either points or lines, thus mak. From the eight-inch Bache doublet at of Lee, Beauregard and the Johnstons. ing it easier to company one with an Arequipa, for example, no less than

be clear skies of Arequipa, Pern, where The instruments by which the photo- bridge, while several hundred more are heard amid the shock and din of battle. Harvard maintains its permanent south graphs are taken are quite as intensit or are awaiting shipment. I do not say it would have been a betero station; while others are the result ing as the negatives themselves. For From the eight-inch doublet at Cam- ter fight than was made four years afof such expeditions as the one recently the small telescopes, such as the fouruneters which are used a new atlas of the moon, has been crossing the meridian from sunset to It man photographic telescore de under exceptionally favorable at sumrise, an apparatus of clockwork is budge, and the thirteen-inch Boyden spheric conditions. The plates used used of sufficient accurate to follow the telescope in Arennipa has furnished 10.this widely extended work are all dis- star upon which the centur of the plate 247. Besides these there are many ended for Aveguina, for example, go practical. For one thing, atmospheric hiescopic came a set unon the Pola rom the makers by rail to New York, refraction to increases from the zealth Star at Arequipa has taken 2,297; 1,720 y water to Panama, across the 1sth- to the horizon that a star at the horizon to the horizon of the sky thirty and to command, as by rail, thence by steamer again con is taken a distance equal to the degrees square have been secured with o Mollendo, Peru, and after being put diameter of the sun. Again, the stars the Co k tent camera; the transit photo-

they are developed at Arequipa the Pole Star, so that the path upward been taken with the Ross lens of Are- myself at that time, and acted promptand sont back to Cambridge by the or downward is in the form of a long quipa. One need not know either as- ly and prudently, the late civil war same nonte, each with a record for travel curve. Moreover, as a telescope moves transmy or photography to appreciate that few persons, perhaps, would from the zenith toward the horizon the something of the amount of sheer work South might have been prepared for it, tube of even the best instrument is sub- involved in such figuers as these. bether a plate comes from Arequipa | ject to what is called a "flexure," or | There is one other use which the dir Jamaica or the developing laboratory "spring," with a similar trouble in the rector of the Harvard Observatory finds Pharaohs, and the pillars of cloud and of Cambridge, however, it is subject to mounting, the difficulty increasing, of for the camera, and this use the unme routine in the Cambridge pho- course, with the size of the telescope, scientific may find equally interesting department First it is exam- Thus a series of motions, none of which with the strictly astronomical work on Mrs. Fleming—the original is constant, other than the apparent mo- which it is ordinarily employed. By

o quality on a scale of five; plates Mr. E. S. King, one of the assistants bridge he is able to exercise the clasest which are practically worthless; that is, at the observatory, has, it is true, de supervision over all the work of the wing marked I, and plates which are vised an intricate driving apparatus to Harvard stations in other parts of the sactically perfect 5. Poor plates which meet these various difficulties, and a world. The astronomer in charge of may vet be useful in completing a series small telescope mounted in accordance the station at Arequipa or Jamaica are marked 2: better plates, good with his plan is in daily use at Cam- writes to Cambridge recommending enough for making estimates of light or bridge, but the eye is still required to certain changes and illustrating his sugosition, are 3; while plates which are correct the machinery of the larger in gestions with photographs of existing idently clear and distinct for mens- struments. For instance, the Bruce 24- (conditions. If the work is authorized, ments of precision are marked 4. inch doublet photographic telescope at photographs showing what progress is All the plates, before exposure, are let Arequipa, the largest and most power- being made are taken almost day by tered and numbered-the latter repre-ful star camera in the world, is equipped day, so that the director, thousands of enting the series to which the plate be- with clockwork which keeps it set with miles away, is able to keep track of ongs, showing by what telescope it was approximate precision, but in addition what is being done almost as well as if aken, and in what class of work the there is also a movable eye-piece for he were on the spot. As a result there elescope was used; while the number- visual observation, by means of which is a series of plates in Cambridge which ing in each series is chronological. The the least variation from the guiding show in detail the development of the main on sale during the season. Exsition of the center of the plate-its star may be immediately detected and Arequipa and Jamaica stations, includ-

of the heavens each month, in spite of

and Observatory in 1850 by George stars, so-called have been found in the ered upon twenty-six negatives, twenty between October, 1893 and May, 1894, time acting as an assistant. There are two very interesting dif- and six two years later, so that its sands would have flocked to his stand-

27,810 plates have been received in Cam- fast; his war-cry would have been bridge 27,446 negatives have been ob- terwards, but I say it would have been med. The great twenty-four-inch a different one. It could not have reore on lighters are carried, first by do not move directly from the horizon prefer in Cambulge has taken 4,202;

regative, and not a great from it, tion of the stars, must be taken into means of photographs which are constantly being forwarded to him in Camling the preparation of the mountain s recorded by the Instrument at the The amount of photographic work and sites, and the installation and condition

> mansion that night. I went and found tlement of the city, to-wit: Messrs. A.

Wise was greatly disappointed and rnors had not met him as requested. After supper had been disposed of and ome little time spent in conversation in

tance to Fremont's inauguration in case ellers. Bragg was more conservative, as were see the way clear for forcible resistonce. Governor Wise did the talking, chiefly, while Adams laughed approvingly at his "wise" sayings. Bragg felt that a great responsibility was upon him and he smoked his pine furiously.

Among the many things he said in his One dog is carried free with each pas-Among the many things he said in his one dog is carried free with each pastown peculiar style I remember this: senger and others are transported at a direct furnished with Flowers, Palms "If the South tamely submits to the small cost. inauguration of such a sectional candi- Full information as to most desirable and all other decorations. dote as Fremont they will stink in the points, rates, schedules, etc., furnished

Late in the night, when all the city was in slumber, Mr. Wise, at a climax of thought and feeling, sprang from There's no rest for those three's no rest for three's no rest for those three's no rest for thre stands of arms, and by the help of the ders. Try them; 25c., at all drug stores. be another element of strength for F.c. that afternoon by his private secretary, ment shall be inaugurated the Presiment. Freesoilism and anti-slavery Mr. Pulaski Cowper, to come to the deut of the United States I will com-

mand them in the streets of Washing-DR. W. E. WEIHE, For the want of the other Southern Veterinary Surgeon Governors, no co-operation was deter-mined upon, and the conference ad-

Graduate of Cornell University. PARK ROAD, WEST RALEIGH.

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olina, Georgia, Florida the South and placed on sale until April 30th, 1902. above-named localities with final limit May 31st, 1902.

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sale contained in a mortgage executed by Ferebee E. Jewell, Claude C. Jewell and Nancy C. Jewell, I will, on Monday. November 18, 1901, at the court house door in Raleigh, N. C., at 12 m. o'clock. expose to public sale for cash the following land. It being the home tract of the late Claude C. Jewell, and situated in Panther Branch township, Harper's Ferry and every other point of W. D. Crowder, W. M. Jewell and othcounty, N. C., adjoining the lands of

Beginning at the head of the south South Carolina would have supported prong of Neal's branch, thence W. 3 ch. him as Governor Adams had pledged that 30 links to a stake, thence 11 ch. 45 famous night; the Gulf States were links to a stake, thence 3 ch. 50 links known to be more extreme than the to a stake, thence N. 37 ch. 5 links to Attantic States, and if they had not a stake, thence E. 42 ch. 50 links to a supported Wise by State action, thou- rock, thence S. 23 deg. W. 21 ch. to a pine, thence S. 31 dcg. E. 16 ch. to a He would have been able to hull an branch to the beginning. Containing

he would not have stickled about the law, nor would be have carried into

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ean Plan. Two blocks from Opera-

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you will please pay the premium-\$27.73-due Sept 29th, 1901, and send me check for balance. I am most grateful to the Company for the large dividend that has been accumulated under my policy. I must say

that insurance is the best investment that a young man can put his money in, especially in the old Ætna. I will recommend the Etna to those who want insurance as the verbest Life Insurance Company in America. Wishing the Ætna and all of its officers much success, I

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> ALFRED WILLIAMS. Raleigh, N. C.

ine the photograph was taken-is nually accomplished by the Harvard of every piece of apparatus. coordant to the coordant George W. Brooks Relates a Close Call

From the Atlanta Journal.

Much is being written now of remin's, propaganda were more aggressive, all ences of the civil war, "Close Calls", of which sent an apprehensive fear,

wonder how many know how near especially in the South.

aparatively few. But before I relate titled other wise to a second term. ent thereto had greatly depleted the promised.

occratic ranks in the North, with With such a result staring the country He had married Miss Jessie Ben- jury of the Democratic nominee, Mr. the brilliant and accomplished Buchanan. daughter of Thomas H. Benton, the I was living in Raleigh at that time,

dread and alarm throughout the country,

country was to being plunged into The Democratic party surveyed civil strife four years before it was field, saw the only hope and chance was ad how that war was averted and de- to carry the doubtful State of Penasylvania and that it could be done only by By your permission I will relate a cir- nominating James Buchanan, of that unstance which came under my per- State, which consideration caused the observation and which has never sacrifice of so good a man as President fore been published and is known to Franklin Pierce, who was so much enoccurrence I will preface it with The campaign opened and progressed. The repeal of the Missouri com- Noses were counted, with an increasing

sponding accretions to the number in the face Henry A. Wise, then Govcir opponents, when in 1856 the ernor of Virginia, wrote private letters blican party was organized with to all the Governors of the Southers John C. Frement, of the United States to meet him in Releigh, N. C., on army, as their nominee for the a certain day to consider what the South He was called the great should do in case of Gen. Fremont's finder," and his name was aglow election. The time came, I think in Rocky mountains to everless the August or early in September. The nostrils of all the world and of all gentains to explore the whole thing was kept a profound secret. then comparatively unknown Califor- lest it might be exaggerated to the in-

been reared chiefly in Washington and had been petted and favored by most of the public men of the country. Probably no weman of her age was better.

Bragg was Governor of North Carolina, finger pointing to heaven (and no man Liver, Jaundice, Britousness, Fever and a brother of "A-little-more-grape-Capter and such an index finger as Henry Agne. They banish Sick Headache, and Bragg," then of the United States of the public men of the country. Probably no weman of her age was better.

Head was Governor of North Carolina, finger pointing to heaven (and no man Liver, Jaundice, Britousness, Fever and a brother of "A-little-more-grape-Capter and such an index finger as Henry Agne. They banish Sick Headache, and Bragg," then of the United States of the public men of the country. Probably no weman of her age was better. ally no woman of her age was better Bragg, of the Confederate army.

known than she, which was supposed to Governor Bragg sent me a message God who made me, before John C. Fremont shall be inaugurated the Presi-

chagrined that the other Southern Govcourtesy to Mrs. Bragg, the conference was begun.

there Wise, Bragg and Governor Adams M. and R. G. Lewis, Edward Cantwell and Quentin Busbee, all Democratic on the Florida Lines about January 1st, write us for prices. Send us your lawyers. I was the youngest man of the 1902. Following this the Florida and

company except one, Mr. Pulaski Cow- Metropolitan Limited will be inaugusumptuous appointments and superb equipment, including dining and club ears, constituting it beyond a doubt the peer of any train in the world. Railway to Cuba is most attractive. Its Cafe car service and many other features present advantages commending Wise was in favor of forcible resisit to the favorable attention of all trav-

he should be elected. Adams approved. also those of us whom he had invited. Short Line, Seaboard Air Line Rail-We all appreciated the gravity of the way. chisis upon the country, but could not LOW RATES FOR HUNTING AND mise in 1850 and the Kansas and fear and dread that Frement would be while great drops of perspiration rolled where in the South, has on safe reraska legislation and the excitement elected. And now comes the incident down his face. The rest of us were conduced rate tickets from Norfolk, Portstent with plying Governor Wise with mouth and Richmond to all points in Virquestions to bring him out on the dif- ginia. North and South Carolina, for ferent phases of the situation and the the benefit of hunting and fishing partles, moving individually or otherwise.

we escorted the two visiting Governors back to their hotel up Fayetteville street the chickens were crowing for Interstate 'Phone No. 43. After they had departed for their respective States those of us who knew what had occurred, and believing that 1003 Wise meant every word he had uttered. that the great fight ought to be made

B. H. BURROUGHS. C. P. & T. A.

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vantage in Virginia, he being in the rs, and bounded as follows:

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