

# THE PITTSBURG DISPATCH.



tion is the vital issue before the electors." Eccles is in truth the most significant triumph for home rule won since that question was put in the forefront of the political 1 the. Most of the preceding victories

have been raised, union as sgainst separa-

Eccles

diminution of tariffs, Communications from the Ministry of the Interior have been sent to leading firms in Hamburg, Bremen, Breslau and other trade centers, asking affected by the American tariff. The Con mission on Foreign Tariff further has to consider the new Russian protective measure, Of the recent raising of the import duties imposed by Russia, 20 per cent was merely provisional, pending the fixing of a new rate. A Tariff Commission, drawn from th public departments of the chief commercial centers of Russia, and presided over by the Finance Minister, will begin its sittings next week for the purpose of deciding upon the details of the new tariff, which Notos Vremya declares will be the highest in Europe.

taining book recently published is "The Reminiscences of Sidney Cooper, Painter and Royal Academician." Cooper is 87 years of age, but still paints well, has ex-cellent health and strong sight, all of which he attributes to the regularity of his life, which he thus describes: them to report on the effects of the Mc-Kinley bill in their lines of trade. They are also asted what prospect there is for finding new channels for the merchandlee lowship. "I used to walk five or six miles every day; now I only do three or four, but these regularly. At the same hour I always go to my painting room, at 7 o'clock in the morning in summer, half an hour later in winter, and set my palette and paint till breakfast is ready at 8 o'clock. For this I eat oatmeal porridge and some bread and drink about half a pint of milk just warm from my own cows. I have not tasted a cup of tea or coffee for 36 years. I find porridge very sustaining and at the same time very provocative of appetite, while it keeps the

head clear for the morning's work. Then I

return to my study and paint till lunch at 12 o'clock, when I eat well and drink but

little, after which I paint again till 3. Then I clean up my palette

In Cooper's book Queen Victoria figures probably for the first time in her life as a

and her consort. The artist had been deleaves in the foreground of his composition. "Well," said the Prince,

at 10 o'clock I am off to bed."

Landseer.

laughed heartily.

the American trade.

SARA'S TERSE ANSWER.

Performance

IBT DUNLAP'S CABLE COMPANY.]

palette

tion. The Christian Endeavor Society has what has been called "an iron clad pledge," binding all its membeat to dally prayer and Bible reading and to public confession of

al forms of organization the young Christiaus were like the State militis, each infected with its own local pride and preju dices and full of petty rivalries, but in the Christian Endeavor Society they are like the Grand Army of the Republic, marching under one banner with sectional jealousies all buried in the one grand common pur-pose. Then, the prestige of numbers gives an esprit du corps which separate organiza-tions never could. Another thing which has contributed much to the success of this movement, is the fact that it asks for no the contributions of money, nor the right to "boss" anyone, as conditions of affiliation.

RUDYARD KIPLING has written a fase nating Serial. THE DISPATCH has secured the rights for this territory, Publication be gins Sunday, November 9.

RAILROAD PEOPLE UNDER ARMS.

connection, that is all.

So you see more than a legal mind and legal knowledge are necessary. You must have also practical faculties, such as fit book learning to facts. The well equipped young lawyer, well read and practically apt, must still await his opportunity. It may come to him or he may make it, but oppor-tunity he must have. It avails a man noth-

OPPORTUNITY AND EXPERIENCE.

talent be wanting opportunity; will prove

And the man of opportunity must have

staying qualities, so as to make other oppor-tunities until his reputation shall have be-come fixed. I have heard it said of a suc-

WHAT THE SPECTROSCOPE DOES. The spectroscope spreads out the light from the object into a colored band or ribto America when I was 16 years old. I bon, with the red light all at one end, the volet all at another, and with the colors in granges were no good to me. My German frieads would speak English to worry me, we saw with the eye had been analyzed by the spectroscope into its con stituents colors. Suppose we should look in this way at a star which was always at the same distance from us; and suppose further that we could draw a pencil line ribbon of its spectrum at the middle of the violet, for instance. This pencil line would mark the place-the color-which is formed y light waves which reach us at the rate of 750,000,000,000,000 waves per second. Let us suppose another pencil line drawn above the first just outside the spectral ribbon,

PAGES 9 TO 16.

were due to the return to the Liberal fold of the electoral sheep who went away in '86; but Eccles not only confirms the conversion of the dissentient Liberals, but proves that three-fourths of the new voters are also home rulers.

#### Result Unsatisfactory.

In one respect a victory so emphatic as this is unsatisfactory, because the Tory Government will be more than ever inclined to hold fast to office for the full legal term, which will not expire for two years to come. But Eccles, on the other hand, will confirm the Liberal leaders in their resolve to make Government legislation the next session impossible, and so compel an appeal to the country. On the whole there is no reason to modify the belief that a general election will take place some time next year.

Mr. Balfour has tardily gone on a tour through some of the districts in Ireland threatened with dire distress by the failure of the potato crop. He is accompanied by a select assortment of Dublin Castle officers and preceded and followed by magistrates and policemen. The latter are common objects in any Irish landscape, but a Chief Secretary is a very rare bird, especially in Connemara.

#### Balfour's Investigatio

But the gaunt peasantry are now being doubly blessed, for Mr. Ballour is accompanied by his sister, and both have condescended to show themselves to the common people and to travel on common jaunting cars. If all the world did not know that Mr. Balfour is a very serious person, one might suppose that he is endeavoring to establish joker. Here is the royal joke in all its splendor. Cooper was down at Osborne painting some royal eattle before the Queen a racing record. Before he is back in Dublin again he will have covered more ground in a given time than John Morley or any of his predecessors in the work of investigation.

But Mr. Balfour's flying trip will not be marked by much investigation. The men who accompany him are responsible for reports furnished him as to the absurdity of all the statements about a threatened famine or unusual distress, and they are not likely to lot him see or hear more than they can help of matters which must falsify their arguments. The trip has been undertaken chiefly to appease the public feeling which has been roused by the speeches of John Morley and Mr. Gladstone.

#### Projected Cures for Distress.

The same spur has moved Balfour to give the world an idea of his light railway panacea for Irish distress. Not one of these works has yet been commenced, but those projected are from Galway to Clifden, from Ballina to Killala, from Westport to Mulvany, from Donegal to Killybegs, from Stramrlar to Glenties, from Downpatrick

to Ardglass, from Skibbereen to Baltimore, from Kenmore to Headford and from Killorglin to Valentia. If these works be started within a reasonable time no famine or even very serious distress need be apprehended in the districts covered by them, but several of the most sadly stricken regions lie outside of the scheme and apparently are to shift for themselves.

The fund which has been started by the National Liberal Club is not for the relief of distressed peasants, but is avowedly a Governments on the subjects. political affair, as its name "British Fund in Aid of the Irish National Struggle" implies. It amounts already to over £5,000. and its promoters say they will not close it until it shall have reached a total of at least £20,000.

Light on Tory Diplomacy. A ramarkable work has been published asked her to say what she thought of Mrs. this week, made up of selections edited by Langtry's attempt to play "Cleopatra." The Bernhardt said: "Langtry? Je Andrew Lang from the letters and diaries of the late Lord Iddesleigh, better known as unnais pas?" and relused to say more,

## VICE CONSUL CHANGED. Arrival in London of Hitt, Su

Johnson, Who Resigned. IBY CABLE TO THE DISPATCH .

for the day and go out for my walk, return ing in time to wash and prepare for a 6 o'clock dinner, which I enjoy without my LODON, October 25 .- Consul General New arrived in London on Thursday, accomglass of port, for I have quite given that up and every other kind of wine since my last panied by the new Vice Consul George C. Hitt, of Indianapolis, who is to take the nevere illness. After this I read my news place of Oliver R. Johnson, resigned, paper. At 9 o'clock I smoke my cigar and Another consul and vice consul, in the re-Cooper draws a sad picture of the closing spective persons of Dr. Edward Bedloe, of days of the great animal painter, Sir Edwin Philadelphia, and W. E. S. Eales, of New

York, whose destination is Amoy, were fel-Landseer. "I was shocked," says Cooper, "when I saw him so changed. He was slways cry-ing ont for more drink; was to all appear-ances halt out of his mind. He said to me, low passengers with New and Hitt on the City of New York. It is related that the Clover Club punch, constructed by Dr. Bedloe in the smoking room of the steamer, "Oh, Cooper; you do not know how ill I have been and still am, and they don't care anything about me. They leave me alone and they do nothing to help me. They will dispelled all the gloom of the voyage and constituted him a public benefactor in the minds of all intelligent passengers. Other news with regard to the consular not even give me anything to drink when I am dving of thirst.""

service is that Philip Carroll, of New York, consul at Palerme, who became unpopular with the Italian Government by reason of his report concerning the brigandage indus try in that country, is to be removed to Ot-tawa. His place wil! be taken by Horace C. Pugh, of Terre Haute, the present Consul at Newcastle.

# THE ALLIANCE STUMBLING BLOCK.

#### Intrigues at Vienna in Favor of the Pop Endangers the Compact.

jocosely, "they are beautifully painted and doubtless assist the composition, but they do not give evidence of good farm-ing." Her Majesty smiled appreciatively and, shaking her finger at the Prince, said: BERLIN, October 25 .- Chancellor von Caprivi will meet Signor Crispi, "How about the little pool of water in which the Italian Prime Minister at Monza, the heifer's hindlegs are standing." "Oh," said His Royal Highness, laughing, "I November 8, and will present King Humbert with an autograph letter think it is a beautiful, artistic idea and gives a stamp of nature to the scene." "Yes, Albert," said the Queen, "and I like from Emperor William. The terview, besides aiming at the its introduction much; but it is not evidence of good training." Upon this they both establishment of personal relations between General Von Caprivi and Signor Crispi, will concern the settlement of the intrigue

in the Austrian Court in favor of the TARIFF EXCITEMENT COOLING DOWN. Vatican against the Italian Government. Signor Crispi declares that Italy's con Effect of the McKinley Bill on German Trad Not So Bad After All.

tinuance as a member of the triple alliance is menaced by the cabal of prominent members of the imperial family of Austria, BERLIN, October 25 .- Official circles are whose emissaries at the Vatican encourage skeptical as to any German reprisals upon the belief that the overthrow of Count Kal-noky or the death of Emperor Francis Jo-American trade. The reports thus far re-ceived at the Ministry of the Interior tend seph will be the signal for a rupture of the to dissipate the feeling of alarm created by the American tariff. American Anstro-Italian Alliance, which would re-sult in an effort to restore the temporal orders in the leading commercial centers do not appreciably diminish. However, Ger-many will not be driven into concerted repower of the Pope.

## Thornton Bros., Allegheny.

prisals with Austria by a sudden collapse in We appeal to the ladies of both cities fo their opinion about our \$1 25 silk warp. Come and see if you don't decide it's the identical one being advertised in both cities The reports emanating from Paris and Vienna attributing the initiatory retaliation for the passage of the McKinley bill to the at \$2. Save \$6 on your dress. Eight qualities in black silk warps at the Cash Berlin Government, are utterly untrue. Since M. Ribot's overtures looking to such action were rejected no communication has passed between the French and German tore.

THIS is the 14th year that Mr. Murphy has played Kerry Gow, and the demand for it is greater each season, for it is the greatest What Bernhardt Had to Say About Langtry'

#### Fall and Winter Opening.

Nobby suits and overconting at Dicks PARTS October 25. - Sara Bernhardt the Tailor's corner Fifth ave. and Wood bt. second floor. Telephone 1558. was terse and sympathetic when a reporter

E. Schaner, Tailor,

407 Wood st., makes fine clothes at lo

#### HOW IT IS SUPPORTED.

The Society of Christian Endeavor is supported wholly by the profits of its publish-ing house and such voluntary contributions time. as are made. Last year it cost over \$7,000 to run it. The Golden Rule is the organ of the society and has a circulation of over 50,000. Besides, there are numerous tracts books, pamphlets and leaflets issued and supplied by the hundreds of thousands to

the 11,000 local societies. It may be said to "run itself." Then, there are no bosses in it. It does not seek to interfere in any way with each denomination controlling and training its young according to its own notion, pro the pledge and the name are accepted, and these bring them into affiliations with th great army of Christian Endeavorers, and nothing more. Still, the organization has not always had smooth sledding. Soon after the thing had demonstrated itself a success in the Congregational churches and began to spread into other d nominations, some of the narrow-gauge fel-

ows began to get fidgety about it, notwithstanding it was pronouncedly interdenom inational

### RIVALS NIPPED IN THE BUD.

There was at one time talk in the Presby terian circles of having a "Westminster League," but the brother to whom was dele-gated the task of initiating it consulted with his brethren, and was advised by the element enthusiastic for the Christian Endeavor movement to go on if he "wanted to lose his head." He still has his head, and there is no Westminster League. There has been similar agitation among Baptists, but a writer in the Examiner lately declared that they had no wish to go into the "leaguemaking business." The Methodist Episcopal Church, how-Tuesday.

ever, by the force of its centralized organi-zation, has succeeded in getting a majority of its young people organized into "The Epworth League," notwithstanding the dissent of some of its most prominen ministers, like Drs. Leech, Tiffany, Farrar, McGrew and others. This organization nov numbers 250,000, with its own organ; and as the process of "making over" good Christian Endeavor societies into Epworth Leagues has, it is claimed and admitted, been going on at a pretty lively rate, there is music in the camps.

#### THERE'S ROOM FOR BOTH.

The respective organs charge and counter charge, but there is plenty of room for both, and the Methodist Episcopal Church certainly has a right to a purely sectarian or-ganization if it wants it. The plan of the United Brethren, Disciples and some others is to organize denominationally on a basis broad enough to take in Christian Endeavo nd all other similar societies without destroying their affiliations with other young cople outside denominational lines. Th United Presbyterian and the Methodist Church of Canada have followed the exam

ple of the Methodist Episcopal, the latter adopting the "Epworth" title. New York leads the States in the number of societies and members, having 1,700 organizations and over 100,000 members. The balance of the upward of 1,000,000 are dis tributed among 49 States and Territories and 9 British provinces. There is a society in Oklahoma, one in the Wisconsin State prison, and one on the United States man-

of-war Pensacola. Pennsylvania has over 800 societies with a membership of 40,000 in round numbers. It is the representatives of these 40,000 who meet in State convention here, General

With Winchesters.

DENVER, October 25 .- The Burlington cople stole a march on the Union Pacific last Wednesday night, that may cause some trouble before it is settled. The Burlington sent a large force of workmen, who began work at midnight, and before daylight Thursday morning they had completed about a mile of track leading from their main line into the Simpson coal ter it. Opportunity is only a chance for success. If the chance be not taken admine. In doing this they had to cross the Union Pacific tracks, and this is the point in dispute. The coal miners are all in favor vantage of it had better not have come. I

of the Burlington, for the reason that the Union Pacific does not haul the coal away fast enough to keep the miners working ful

The Union Pacific management was furious, of course. Fearing trouble, the Burlington armed the miners and section the men to the teeth and set a watch on the disputed switch. They were rewarded Friday night by the appearance of a Union Pacific work train and a large force of men sent to tear up the Burlington tracks. They were ordered not to touch the new rails, and they wisely withdrew after a war of words only.

## WARRING OVER A DOG.

**Colored Residents of Garfield File Charges** Against Each Other.

An inoffensive-looking dog has developed a deluge of bad blood among some colored residents of Garfield, on the eastern side of the Allegheny Cemetery. It is not exactly known how the trouble originated. but Thursday night, it is claimed, Edward and James Braaks went to Green Eaton residence, where an excited altercation took place. Eaton ordered the Branks to leave, and when they refused he fired his revolver over their heads to scave them. The ruse was successful, and the two men left hastily. Yesterday James Braaks entered a charge of felonious shooting before Magistrate Hyndman, of the East End. against Eaton. and Eaton entered a charge of disorderly conduct before Alderman Kerr, of the Fi teenth ward, against the two Braakses. Eaton gave bail for a hearing this evening, and the Braakses entered a recognizance for their appearance at Alderman Kerr's office

# AN EXPLOSION EXPLAINED.

The Coroner's Jury Advances a Theory for the Locomotive Disaster.

The coroner's jury investigating the explosion of a locomotive on the connecting railroad at Soho, last week, which caused the death of several men, yesterday returned a verdict to the effect that the explosion was caused by the instantaneous evaporation of the water in the boiler.

In descending from the incline the water rushed to one end of the boller, while the other end became superheated. On reach ing level ground the water again covered the erheated part and was converted into steam, causing the explosion.

#### MEETING OF GRADUATES.

College Aluming in Session in the Windy City.

CHICAGO, October 25 .- The Association of Collegiate Alumna to-day elected Mrs. Bessie Bradwell Helmer, of Chicago, President, and Miss Marion Talbot, of Boston Secretary.

There was a tie vote on the que whether the next meeting should be at Bos-ton or Washington, and the decision was referred to the Executive Committee. The

#### Neat Uniforms for Police.

Chief Brown is endeavoring to effect an arrangement whereby the police officers will have their uniforms made to measure by one tailor. The Chief believes the men will look neater in well-fitting clothes, and by all purchasing at one place he thinks a re-duction of \$7 or \$8 a suit can be obtained.

cessful man at the bar, "Oh, yes, it was an easy thing for him; he succeeded to so and so's practice." But, mark you, he would not have succeeded to "so and so's" prac-tice had not "so an so's" clients agreed, and and if he had succeeded to the practice he mould not have succeeded to the practice he would not have held it, had he not proved himself equal to the task. The man fated to be successful will make opportunities. He will be found on hand fully equipped just when somebody expected has failed to put in an appearance, and a pressing demand exists for the right man in the right place.

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HOW OPPORTUNITIES COME. For instance a great case is for trial and the senior on one side is absent for some reason, sick, detained; anyhow not on hand. The case must go on. The junior takes his place perforce, against his will, and against his client's will. But the young fellow is up on the case; he is ready for the fray, but so timid that he would never have entered it save under pressure. He is proficient in

the law; he knows all the facts; he handles witness and jury with a masterly skill and in the end the verdict is his. Thereupon he has his hand on the ladder, thenceforth it is with him to stand or t climb. That rare opportunity has for him the doorway to fortune; but the opportunity would have availed him nothing had he not been ready to seize it. Once seized his triumph will be fleeting if he have not the persistency, the industry, the dash to make t-but the first step in a series, the end of which shall be conquest. Success at the bar means as I have already

intimated, hard work. It means not only days but nights, too, of toil, unremitting

THE SMELL OF THE LAMP. The successful lawyer is the man who burns the midnight oil. I have often heard it said sneeringly: "Oh, yes, that was a fine speech, but it smells of the lamp." But I have noticed, too, that the smell of the lamp and favorable verdicts are very apt to be found in close conjunction. The men who

make close legal arguments to the Court, and cloquent and persuasive speeches to juries on the inspiration of the moment, ex-ist only in the imagination of boasters; they

are not to be found in real life. There is no genius like industry. The successful law-yer, like Aladdin, traces his wealth to his

lamp. Once in the swim the tide that carries the successful lawyer is pitiless. Clients mul-tiply, they are pertinacions, merciless; they will have the successful man's service. will have the successful man's service. Ambition, pecuniary reward tempt him; he cannot halt; he must go on, and soon he is the slave of his profession. But it is a glorious servitude. What other profession I exclude none) so nobie?

THE LAWYER'S BESPONSIBILITY. In the lawyer's keeping are the issues of life with all its fascinations, allurements, enjoyments. Honor and reputation, dearer even than life are his to defend. His the secrets of the individual, of the home, of

his fellow-men from the cradle to the grave his fellow-men from the crade to the grave. Domestic affairs, protected by the law from unwilling divulgence-nay, made secret even as against the willing witness, on the ground of public policy-are his in confi-dence. He holds in his keeping the inter-ests of the living and, oftentimes, a trust for the dead for the dead. It goes without saying that the succ

ing that he has the ability to distinguish word that was said by anyone around me. himself, for instance, in the trial of a case I used to feel as if I were lost, but that did if he have not the opportunity to try the not discourage me. I played marbles with the boys, got drubbed frequently and

learned the slang of the language first, but after awhile I began to get a little light, Men are slow to trust their lives, their fortunes and their sacred honor to a young man fresh from his books. Opportunities and now I defy any man to sell me in En-

andoubtedly come to some men sooner the THE DISPATCH has secured Rudyard to others, but opportunity is nothing unless Kipling's first Serial. The opening chapters the man to whom it comes is ready to maswill appear Sunday, November 9.

VANDERBILT MAY BE IN IT

Railroad Men Think He is Behind a Big Purchase of Reading.

NEW YORK, October 25 .- At the office of H. B. Hollins & Co., bankers and brokers, it was said that it was true that a large block of stock of the Reading Railroad Company had been bought by that firm, but that the firm had nothing to say as to the state

ment that H. B. Hollins had been made a member of the Reading Railroad syndscate in place of W. W. Gibbs, of Philadelphis, and that the purchase of stock and change in the personnel of the syndicate representatives meant that the Vanderbilt nterest would now be represented in it. Among well-informed railroad men in the

Stock Exchange it was said that there was no doubt but that the purchase of the stock neans that the Vanderbilt interest would in future be represented in the management of the Reading road, and that while a controlling interest has not been secured, it was sufficient to insure a continuance of the existing satisfactory arrangements between the Vanderbilt and Reading roads.

A CONFLICTING DECISION.

An Iowa Judge Declares That Selling Original Packages is a Crime.

BLOOMFIELD, IA., October 25 .- In his instructions to the grand jury here, Judge Leggett said that under the decision of the United States Supreme Court it was not a crime to sell liquors imported from another State in the original packages until the Wilson bill was passed by Congress and became a law, but after that time it was a vio-lation of the laws of this State to sell any

liquor without a proper permit. Judge Leggett declares that the action of the inferior United States Courts in other States on this subject was not binding on the courts of this State, and that until the question is finally settled by the higher courts it is the duty of the grand jury to But the star is moving away from us so rapidly that these particular rays take longer to reach us (their velocity of trans-mission in space is not changed) and fewer of these rays come to the eye in a second. The rays have not changed, but the sensa-tion of color (which is in our cres) has considerer the law valid and to enforce against all violators, whether by original nekage sales or otherwise.

# LOST IN THE WOODS

harles Pickering, a Maine Sheriff, Die From Exposure.

changed. These particular rays no longer form the violet but have moved down in the new spectrum, which we see, toward the in-digo. Figure 2 represents the new state of things. Remember that the line B is fixed BANGOR, October 25 .- Charles L. Pick ering, a Sheriff of Lincoln, was found dead in the spectroscope and does not change, to-day in the woods, where he had gone to a lumber camp after a witness. The officer became lost and died from ex-

osure. SWIFT SWINDLING.

Stranger Beaten Before He Had Bee Thirty Minutes in Boston. BOSTON, October 25 .- George J. Fitzpat rick, a young man from Seattle, arrived here to-day and was swindled out of \$290 by a confidence man before he had been in the

city 30 minutes. Went Home With Her Fathe Miss Dean Waguer, who was brought to the city by A. H. Rentley, under promise of marriage, returned to her home in operstown with her ather. 1The meeting

etween parent and child was very affecting Political Prisoners Escape PANAMA, October' 25.-Bolivian advices state that all the political prisoners have succeeded in escaping from the prison in

1 1 1

FIGURE 1.

B

The star is at rest

thus:

A

The long rectangle is the star's spectrum with its colors in order. A is a line which always stays in the middle of the rays which form the violet. B is a line (a piece of fine wire, for example) which we have put in the spectroscope itself, so that A B is one straight line.

CONDITIONS OF THE OBSERVATION.

We must imagine the real state of things as follows: In the first place there is the star in space, millions of miles away (but always at the same distance from us), shining to the eye with white light, that issending to us waves of all wave lengths, between 500,000,000,000,000 and 750,000,000,-000,000 per second. The whole of space be-tween us and the star is filled with such waves. When they come to the spectro-scope they are spread out into the colored

ribbon which we see. Now, let us suppose that at a certain instant the star begins to move directly away from the earth with a very great velocitysay at the rate of 50 miles per second or more. Its physical condition is not changed. It con

Its physical condition is not changed. It con-tinues to send out rays of all wave lengths. It is still a white star to the eye. Its spec-tum will contain all the colors from violet to red. But there will have been a change. to rea. But there will have been a change. The particular rays from the star which (in figure 1) formed the violet (with the pencil line A among them) will not form the violet in the new spectrum. Why? They formed violet because 750,000,000,000 of these rays came to the eye in a second.

EFFECT OF THE STAR'S MOTION. But the star is moving away from us so

FIGURE 2

Evidently the faster the star moves away from us the greater will be the distance be-

tween the lines A and B-the displacement of A. If the star should be moving toward

us then A would be displaced on the other side of B. The amount of the displacement measures the velocity of the star's motion.

Now, we cannot draw a pencil line (A) among a bundle of rays which comes from a star. But nature has done this for us. The

of certain rays in the star's own atmosphere. Nothing is more certain than these rays always remain in fixed places in the star

etra of stars are usually crossed by five black lines, which are due to the absorption

The star is moving away

Tiol T