France, eight years ago, provided in her will for a prize of \$20,000 to be given to the person who will find a means of communicating with a star, ply to the communication. The prize money is held in trust. But the quaint tial, of the interest that women of the present day take in scientific advancement. The number of women means to the maintenance of observatories and who equip poor but zealpus astronomers for individual inves-

matter what thrilling revelations the astronomer may discover with his glass, his work is almost valueless to A venerable lady who died at Pan, science unless subjected to mathematical proof. Now he photographs those views verbatim and preserves the plates, to be examined at leisure. The authorities at several observatories will displace all Japan Tea the same as Mars, for example, and receiving a re- habitually exchange the photographs taken of the same stars and planets in order that comparisons may be made regarding their aspect from dif- She is the wife of a seafaring man, bequest is a reminder, most substan- ferent latitudes. Thousands of such who is often detailed on government photographs are measured and com- missions, and the mother of two puted in any single observatory dur- charming children, who have no realaborious, patience-taking, but as ne- to science. who contribute out of their private cessary to the development of science Many women computors are employas to growing a crop.

culator of the gentle sex in America gaged in making investigations with to-day is Mrs. Elizabeth P. B. Davis, the Draper telescope under the direc-

Western Assurance Company

held at the company's offices in this city on Wednesday, March 7, 1900. The Presi-Bent, Hon. G. A. Cox, occupied the chair.

The following annual report of the di rectors, with accompany og financia; state-

ment, was read by the secretary: FORTY-NINTH ANNUAL REPORT.

annual statement of the company's accounts for the year ending 31st December last.

to \$1,100,380.50.

garded as eminently satisfactory.

tinent, and shortly before the close of the the policy we have been following for many year arrangements were completed for the years past, establishment of a branch office in London, But to return to the consideration of our England, under what appear to be favor- business during the year under review. able auspices,

Toronto, 26th Feb. 1900. Geo. A. Cox, President.

Summary of financial statement: Total expenditure, including appropriation for losses under adjustment 2,414,038 90 In our earnings from interest there was

Potal liabilities (including cap-

The President, in moving the adoption of the report, said :- It cannot fail to he the directors and officers of the company, to note the evidence of the appreciation

gratifying to the shareholders, as it is to by the insuring public of the security offered by the Western to its polleyholders which is afforded by the growth in the volume of business transacted-the total income for the year having exceeded, for the first time in the history of the company, two and one baif million dollars. It is still more satisfactory to note that notwithstanding the exceptionally heavy fire losses which have occurred in some of the chief cities in the United States-where the business proved generally unprofitable to the companies engaged in it-we are able to show as a result of the year's transactions a profit balance of \$118.642. The experience of the year 1899 in Canada was exceptionally favorable, and the diminished fire waste in this country is occiainly a matter for congratulation, aside from our interests in the business of fire insurance. It is to be hoped that the introduction of improved fire protection in our cities and towns, and the adoption of more substantial methods in the construction of buildings, will tend to a further reduction of the burden which the payment of some companies for fire losses in Canada imposes upon the community for I need from the premiums collected from the insuring public. I desire to emphasiae what I believe to be a fact—that it is only by adopting measures that will reduce this that there has been during the whole fe- Robert Beaty, G. R. R. Cockburn, Geo. riod embraced in these returns, but a very McMurrich, H. N. Baird, W. R. Brock, J. moderate margin of profit to the compa- K. Osborne and J. J. Kenny. nies at the rates and under the conditions At a meeting of the Board of Directors, which have prevalled in this country in the held subsequently, Hon. Geo. A. Cox was

In this connection it may not be out of Vice-President for the ensuing year.

of the work.

able and the universal application of bearing testimony to this woman's gation made by their firm. photography to astronomy has opened calculations. The advance sheets have WEST & TRUAX, Wholesale Druggists, Toledo, the door wide for the woman computor ahead of time to forestall the needs and astronomer's assistant. At all the of those shops' captains who essay long ing directly upon the blood and mucous surnotable observatories and those more experimental voyages and who may be faces of the system. Price, 75c. per bottle. pr less newly established in what used away for years and deprived of such Sold by all drugg sts. Testimonials free. to be considered remote parts of the shortens the formulas, makes explanparth-India, Mexico, at the Cape of atory notes and does an amount of Good Hope, in far Scandinavia and up work involving much astronomical and that the Johns Hopkins University in the East Andes-there are women nautical deduction, besides much proof continues to exclude women from adworking in the laboratory departments of astronomers. Some of these women are able to make original inrestigations, being in sympathy with the science and having studied its prin piples. Others are purely calculators and accurate measurers, measuring the photographs and computing and reducmg the estimates obtained as dispaspionately as any schoolgirl plods at her equations.

Both classes of workers are valuable or astronomy as a science is absolutey dependent upon mathematics. No

The annual meeting of shareholders was place to refer to the fact that during the past year a number of new companies have come into the field, offering fire insurance at lower rates than those current with the old established offices. It will be interestindemnity against loss by fire on more favorable terms than companies which have few months ago Hannah Mace was asbeen long engaged in the business feel safe The directors beg to submit herewith the in offering. While as insurers we may hope these new companies may have discovered | servatory. A woman, formerly chief the secret of combining cheapness with security, we cannot overlook the fact that The revenue account shows a satisfactory the record of the fire insurance busines in growth in premium income, and after pay- Canada during the past twenty years shows ment of losses and expenses there is a pro- capital, which was invested in companies fit balance of \$118,642.60 as a result of the organized to transact business at what year's transactions. Two half-yearly divi- are termed "cut rates." We may at least dends have been provided for at the rate feel assured that companies working upon of 10 per cent, per annum, as well as an these lines, whose entire cash assets are amount to cover depreciation in securities, limited to fifty or sixty thousand dollars, and the reserve fund has been increased are scarcely in a position to assume any same city, is one American woman who considerable share of the many millions Taking into account the fact that during of liability which fire insurance companies the year 1890 the fire losses in the United are carrying for the protection of merchants States were exceptionally heavy, the direct and property-holders in Canada, and until it tors feel that these results must be re- has been shown that, with due regard for Astro-Photographic Catalogue of the the safety of stockholders and the security | Paris observatory. Of the six women For some time past your directors have of policyholders, any material reductions had under consideration the question of can be made in fire insurance rates in this extending the agencies of the company he- country, your directors do not feel waryoud the limits of the North American con- ranted in advocating any departure from

it will no doubt, be interesting to share-Bolders to learn that the marine branch, published in the French scientific which has been responsible in some former years for rather senious losses, has shown a profit upon the business of 1899, and that Total cash income\$2,582,741 50 the general ontlook in this branch appears to be more promising than for some time employment of women in the Paris

been a falling off, such as might naturally Balance \$ 118,642 60 be looked for owing to the reduced rates Divident declared 100,000 00 obtainable, particularly upon the class of securities which are held by this company. Potal assets \$2,321,762 85 There is one matter to which I wish particularly to refer at this time. It is now ital) 1,221,382 35 within a year of half a century since the company commenced business in Canada, Capital paid 1,500,000 00 His system of agencies throughout the Unit-saying that it is now established over the Security to policybolders\$3,100,880 50 whole of the North American continent on a favorable footing, with an efficient force of branch managers, special agents and 'ocal agents working in its interests. Under these circumstances your directors have turned their attention to the consideration of the question of the desirability of follewing the example of the majority of the successful British fire offices and embracing a larger field of operations than we at present occupy. In view of the efforts which are being made happily with no small measure of success-to enlarge the trade relations between the mother country and her self-governing colonies, and to cultivate intercolenial business connections, we have felt that the present is an opportune time for making a similar effort to secure some measure of reciprocity in the business direction it was decided to establish a branch office of the company in London, who, we believe possesses all the qualities of a successful insurance manager. A Board of Directors has been appointed in ate in securing the following gentlemen to serve, namely: The Right Hon, the Earl of Aberdeen, G.C.M.G.: the Right Hon, Sir John Kennaway, Bort., M.P., and Mr. scarcely say that this has to be provided have every reason to be encouraged at the start which we have made in the chief metropolis of the empire and at the agenin connection with this new branch.

serious annual waste that any material re- Mr. J. J. Kenny, the Vice-President, secduction in the tax which the public pay in onded the adoption of the report which was fire insurance premiums can be brought carried manimonsly. The election of diabout, for it is only necessary to refer to rectors for the ensuing year was then prothe Government reports, showing the in- ceeded with, resulting in the unanimous come and expenditure of companies acons re-election of the following gentlemen viz.: ed to do business in the Dominion to prove Hon. Geo. A. Cox. Hon. S. C. Wood, Masses,

re-elected President and Mr. J. J. Kenny

to time since astronomy was have servatory at Washington. She has for We offer One Hundred Dollars Reward for there been as many women constant- a number of years, calculated the ephe- any case of Catarrh that cannot be cured by y engaged in the mathematical part meris of the sun for the Nautical Al- Hall's Catarrh Cure manac, a publication of first interest We, the undersigned have known F. J. to navigators and explorers. There are Chency for the last 15 years, and believe him The improved instruments now avail- volumes and volumes of the Almanac perfectly honorable in all business transactto be got ready three or four years O. WALDING, KINNAN & MARVIN, Wholesale assistance. The woman calculator

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ing a year, and women do the work, son to bewail their parents' devotion

ed at the Harvard observatory, and The most unique mathematical cal- among them four original workers entigation increases every year, and at who works at the government ob- tion of Mrs. Williamina Fleming. Mrs. Fleming is a native of Dundee, Scotland. Her responsibilities have steadily increased, and she conducts much important investigation, having discovered a number of variable stars and confirmed the discovery of several new stars to be accredited to her assistants. the Misses Leland, Maury, Stevens and Wells. Nearly all of the discussion of photographs taken at the Harvard observatory and at its minor stations.

> Marguerite Palmer has done much computing in the Yale observatory bulletin of transactions. She has computed a definite orbit for the comet discovered by Maria Michel. Up to a sistant at the United States Naval Obcomputor at the Goodsell observatory. Northfield, Minn., is one of the associate editors of an astronomical month ly. Among the amateur astronomers who have private observatories is Miss Rose O'Halloran, of San Francisco, who makes a study of eclipses, meteors, variable stars and general aspects. Miss Dorothea Klumpek, of the puts her energies to foreign service. She is now director of the bureau for the measurement of the plates of the computors in the department, she is the only American, having become identified with the observatory in 1887, when she entered it as a student. Her advancement has been rapid, and her observations of the minor planets and of the Temple-Swift comet have been journals. It was her remarkable thesis at the time of her examination in 1893 that first opened the way for the observatory.

REPARTEE. He, sentimentally-I wish I were a

She-I wish I were one, too! He-May I dare to guess why? She-Because it is known that every star is millions of miles away from

POSITIVELY THE LAST CHANCE.

the next one.

Polson & Co., Kingston, Ont., will after the insertion of this notice withdraw the very liberal offers, they have been making to send a 25 cent trial size, FREE, of their marvellous guaranteed Catarrh and Bronchitis remedy, "Catarrhozone." If you are sufferer from any form of Catarrh. Bronchitis, Asthma, Throat Irritation, write at once; it is positively the last time this offer will be made. Enclose 10 cents to pay postage, boxing,

of fire issurance. As a practical step in this | WESTERN ASSURANCE COMPANY. The forty-ninth annual report of England. This was opened on the 1st of the above company will be found in December last, and placed under the man- another column of this issue. It will agement of Mr. W. B. Melkle-a gentleman be seen by the financial statement that the company has had a most satisfactory year's business. After London upon which we have been fortun- payment of losses and expenses there is a profit balance of \$118,642.60 on the year's transactions, a result which must be highly gratifying to the ave million dollars per annum by insurance James Stevenson of Messrs. Grahams & | friends of the institution. Two half-Co., British and East India merchants, and | yearly dividends will be paid at the I am pleased to say that we feel that we rate of 10 per cent. per annum, and the reserve fund has been increased to \$1,100,380.50. We notice in the cles which have thus far been established report of the directors that they have established a branch office in London. England, under promising aus-We congratulate the President, Geo. A. Cox, Esq., and the board of directors on the continued prosperity of the Western Assurance Com-

> The estimated cost of the projected memorial bridge across the Potomac at Washington is from \$1,000,000 to \$2,100,000.

How's This?

F. J. CHENEY & CO., Tolede, O. ons, and financially able to carry out any obli-

Druggista, Toledo, O.

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in New York and London this winter have astounded medical circles, has at last perfected his new system of treatment for the absolute cure of tuberculosis and all pulmonary diseases.

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Dr. Slocum's System of Treatment is both scientific and progressive going as it does to the very source of the disease and performing the cure step by step.

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Third Step .- Building healthy flesh and fortifying against future

The Slocum Treatment is revolutionary because it provides a new application for every stage of the disease. The failures of inoculation by Paris scientists are overcome by Slocum through progressive drug force. The diseases leading to consumption are also mastered so that once the bacilli are removed from the lungs there remains no other germ-breeding

The Stocum System cures grip and its painful after-effects, dangerous coughs, bronchitis, and every known form of pulmonary disease.

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The subscription list of the Dewey Arch Fund shows that the sum raised so far is less than \$200,000.

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Seven counties in western New York received nearly \$5,000,000 for

their apple crop last year. i " Pharaoh 100." Payne, of Grandy, Que.

Cardinal Gibbons will soon make his fifth visit to Rome, where he will be granted an audience with the Pope.

The "Salmeral," Free Bus Am. Place Hotel Carsiako, Huropean Plan. Rooms G.T.R. Station, Montreal. Geo. Carsiako & Go., Prop's.

AVENUE HOUSE - Medill-College Avenue. Family Hotel rates \$1.50 per day. ST. JAMES' HOTEL -- Opposite G.T.R. Depot, two blocks from C. P. Ballway. First-class Commercial House. Modern improvements -- Extes moderate.

Commander Egerton, the young naval officer who lost his life at the beginning of the war was an ardent oricketer. "That puts an end to all my cricket !" are said to have been his last words.

FOR SALE.—140 ACRES OF LAND—frame bank barn and frame house, with young orchard; land in good state of cultivation; price \$3,600. Apply Box \$2, Paisley, Ont., if taken at once.

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