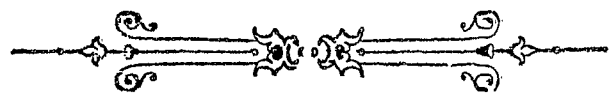


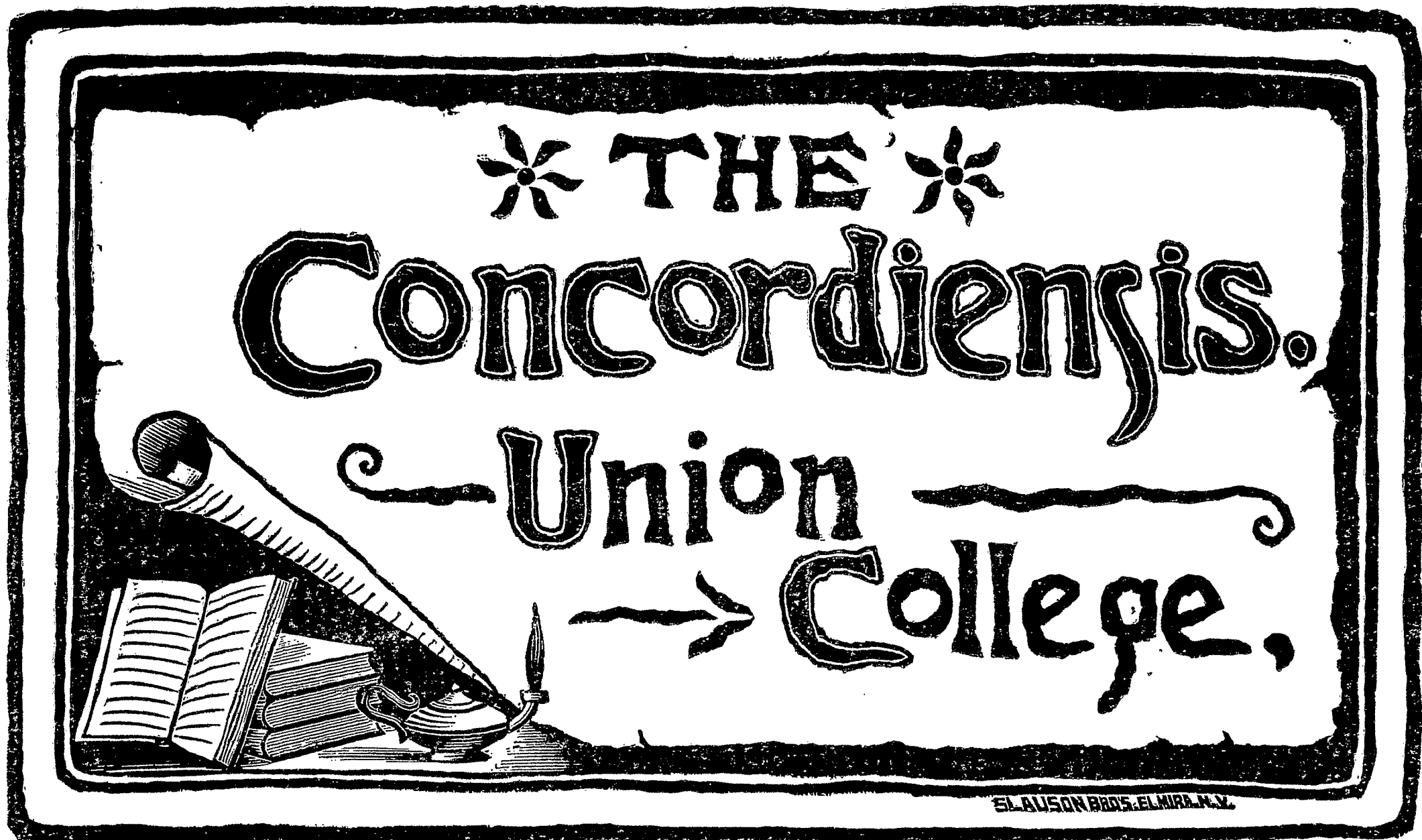
UNION COLLEGE
SCHENECTADY

Volume XIII.



Number 5.

FEBRUARY, 1890.



SCHENECTADY, N. Y.

CONTENTS.

| | | | |
|--|----|------------------------------------|----|
| EDITORIAL, - - - - - | 63 | To the Alumni, - - - - - | 69 |
| LITERARY— | | The Albany Banquet, - - - - - | 69 |
| Sources of Error in the Measurement of | | LOCALS, - - - - - | 71 |
| Angles, - - - - - | 65 | INTER-COLLEGIATE NEWS, - - - - - | 72 |
| COLLEGE NEWS— | | NECROLOGY— | |
| A Generous Donor, - - - - - | 67 | Frank A. Paddock, - - - - - | 74 |
| The Gillespie Club, - - - - - | 67 | Dr. John Orville Taylor, - - - - - | 74 |
| On Prayer Day, - - - - - | 67 | Judge John C. Nott, - - - - - | 74 |
| The Sophomore Ball, - - - - - | 67 | Orlow W. Chapman, - - - - - | 74 |
| Concerning "Eli Perkins," - - - - - | 68 | EXCHANGES, - - - - - | 75 |
| A Long Unanswered Query, - - - - - | 68 | | |

UNION UNIVERSITY

HARRISON E. WEBSTER, LL.D., *President*

UNION COLLEGE, SCHENECTADY, N. Y.

1. **CLASSICAL COURSE**—The Classical Course is the usual baccalaureate course of American colleges. Students may be permitted to pursue additional studies in either of the other courses.
 2. **SCIENTIFIC COURSE**—In the Scientific Course the modern languages are substituted for the ancient, and the amount of mathematical and English studies is increased.
 3. **SCHOOL OF CIVIL ENGINEERING**—The student in this department enjoys advantages nowhere surpassed in the course of instruction, in its collection of models, instruments and books, the accumulation of many years by the late Professor Gillespie, and also in unusual facilities for acquiring a practical knowledge of instrumental field work.
 4. **ELECTIC COURSE**—An Eclectic Course, consisting of studies selected at pleasure from the preceding courses, may be taken by any one who, upon examination, is found qualified to pursue it. On the completion of this a certificate of attainment will be given.
- There are also special courses in Analytical Chemistry, Metallurgy and Natural History. For catalogues or for special information address

HENRY WHITEHORNE, Dean of the Faculty, Schenectady, N. Y.

DEPARTMENT OF MEDICINE.

ALBANY MEDICAL COLLEGE—Term commences first Tuesday in September and continues twenty weeks. The plan of instruction combines clinical teaching with lectures. Special opportunities for the study of Chemistry and of Practical Anatomy.

EXPENSES—Matriculation fee, \$5; term fee, \$100; perpetual ticket, \$50; graduation fee, \$25; dissecting fee, \$5; fee for laboratory course, \$10; histological course, \$18. For circulars address

WILLIS G. TUCKER, M. D., Registrar, Albany, N. Y.

DEPARTMENT OF LAW.

THE ALBANY LAW SCHOOL—The course of instruction consists of three terms; the first commencing September 5, the second November 28, and the third March 6; each term consisting of 12 weeks. The advantages for the study of law at Albany are as great as can be found anywhere. The law library of the State is open to students; the General Terms of the Supreme Court of the Third Department, and all the terms of the Court of Appeals.

Tuition, \$50 each term, in advance; \$120 each year, in advance. For information address

Prof. HORACE E. SMITH, LL.D., Albany, N. Y.

DUDLEY OBSERVATORY.

This Department of the university is located at Albany, and is devoted especially to Astronomy and Meteorology. For information address

Prof. LEWIS BOSS, Albany, N. Y.

ALBANY COLLEGE OF PHARMACY.

ALBANY, N. Y.—For information apply to

Prof. WILLIS G. TUCKER, M. D.

ADVERTISEMENTS.

FOR CHOICE

Cut Flowers,
FLORAL DESIGNS OR BASKETS,

—GO TO—

EGER, the Florist, 275 State St.
Greenhouses, 825 Union Street. Flowers furnished for parties at short notice.

WIENCKE'S

Germania Restaurant,

322 STATE STREET.

ARNOLD'S BILLIARD PARLORS.

Finest in the City.

8 & 10 S. PEARL STREET,
Opp. Globe Hotel, ALBANY, N. Y.

WHEN YOU WANT

PHOTOGRAPHS

THAT ARE PHOTOGRAPHS, COME TO

TALBOT,

505 STATE STREET.

KLEEMANN,
CATERER & CONFECTIONER,
215 STATE STREET, SCHENECTADY, N. Y.

Weddings, Parties and Festivals furnished on short notice and at reasonable prices.

MADE TO ORDER.

Fancy Ices, Cream, Jellies, Charlotte de Russe, Neapolitan Creams, Roman Punch, Biscuit Glace, Plum Pudding Glace, Tutti Frutti and Fancy Orange and Nougat Pyramids in all styles, Chicken and Lobster Salads, Boned Turkey, Capon and Larded Game, Oyster Patties, etc., etc.

**TABLE SETTING, FRATERNITY DINNERS AND SUPPERS
A SPECIALTY.**

*"Moral: Insure in the
TRAVELERS."*

H. F. SMITH'S

—NEW—

ONE - PRICE

Clothing and Men's

Furnishing Goods House,

311 STATE STREET, Cor. WALL,

SCHENECTADY, N. Y.

Fine Tailor-Made Clothing Equal to Custom Work.

Headquarters for Boys' and Children's Clothing.

Prices Lower than the Lowest.

ADVERTISEMENTS

COLLEGE BOOKS,

Drawing Papers, Pencils and Instruments. All grades of Stationery. Orders for special books not in stock filled promptly at the lowest prices.

HULBERT, 235 State St., (below the canal bridge,) SCHENECTADY, N. Y.

ROBERT T. MOIR,

(Successor to John Gilmour,)

DEALER IN

Books, Stationery & Paper Hangings,

333 State and 150 Centre Street,

SCHENECTADY, N. Y.

Agency for Anchor, Inman and Hamburg-American Trans-Atlantic Steamship Lines. STANFORD BLOCK.

RESTAURANT

IN THE

Y. M. C. A. BUILDING,

now under the direction of the Association. Rooms especially reserved for Ladies.

Open from 7 A. M. to 10 P. M.

Ice Cream in season. Regular Dinner, **25c.** Pleasant Rooms. Prices Moderate.

BOSTON

ONE-PRICE CLOTHING HOUSE,

320 STATE ST., SCHENECTADY, N. Y.

A fine line of Ready-Made Clothing and Gents' Furnishing Goods.

FINE CUSTOM WORK A SPECIALTY.

—GO TO—

L. T. CLUTE'S, 227 State Street,

FOR THE CORRECT STYLES IN

HATS.

Also a full line of Trunks, Bags, Gloves, Umbrellas, &c., &c.

Agent for DUNLAP CELEBRATED HAT.

HENRY A. KERSTE, Ph. G.,

© **Pharmacist.** ©

TOILET ARTICLES, SOAPS, PERFUMES, Etc.

A FINE LINE OF

Imported and Domestic Cigars and Cigarettes,

UNION STREET PHARMACY,

Cor. Union and Yates Sts., SCHENECTADY, N. Y.

GLOBE HOTEL,

J. A. HOUCK, Proprietor.

Cor. State and Pearl Sts., ALBANY, N. Y.

Terms: \$2.00 per day.

BARHYTE & BIRCH,

WHOLESALE AND RETAIL DEALERS IN

COAL AND WOOD,

Lime, Cement, Plaster, Hair, Flour, Feed, Grain,

Baled Hay and Straw, and Fertilizers,

306, 308 and 310 UNION STREET, } SCHENECTADY, N. Y.
209 and 211 DOCK STREET,

J. H. DEVINE,

Sole Agent for Stacy, Adams & Co.

Gentlemen's Finest Foot-Wear

Elegant Walking Shoes, and Evening Full Dress Shoes. Sole agent for Edwin C. Burt, Ladies' Fine Foot-Wear.

DEVINE, cor. State & N. Pearl Sts., ALBANY, N. Y.

Mail orders promptly attended to.

VOL. XIII

UNION COLLEGE, FEBRUARY, 1890

No. 5

PUBLISHED MONTHLY BY
STUDENTS OF UNION COLLEGE.

BOARD OF EDITORS:

| | | | | |
|-------------------------|---|---|---|------------------------|
| F. E. HAWKES, '90, | - | - | - | EDITOR-IN-CHIEF. |
| _____ , '90, | } | - | - | ASSOCIATES. |
| B. C. LITTLE, '91, | | | | |
| W. A. McDONALD, '91, | - | - | - | LITERARY EDITOR. |
| HOMER B. WILLIAMS, '92, | } | - | - | ASSISTANTS. |
| L. H. CARRIS, '93, | | | | |
| H. T. MOSHER, '90, | - | - | - | BUSINESS EDITOR. |
| J. W. FERGUSON, '91, | } | - | - | ASSISTANTS. |
| G. F. MOSHER, '92, | | | | |
| E. B. BAKER, '90, | - | - | - | GILLESPIE CLUB EDITOR. |

| | | | | |
|----------------|---|---|---|------------------------------|
| TERMS, | - | - | - | \$1.50 PER YEAR, IN ADVANCE. |
| SINGLE COPIES, | - | - | - | 20 CENTS. |

We desire our friends to send us contributions, items of interest and information concerning Alumni.

Extra copies can be obtained on application to Business Manager.

Subscribers not receiving papers promptly will kindly notify
Business Manager.

All remittances should be made and sent to THE CONCORDIEN-
SIS, Schenectady, N. Y.

Entered at the Post-office at Schenectady, N. Y., as second-class matter.

BRANDOW PRINTING COMPANY, ALBANY, N. Y.

THE recent revival of the Adelpheic and Philomathean literary societies, and the universal hope that this revival may be permanent and successful, makes the time opportune for answering certain questions usually propounded by a visiting alumnus. Returning from a long absence from college, he learns the lax condition of the literaries, and complainingly inquires the cause of the decadence. Were he consistent, he would also ask why we have ceased to use Dr. Nott's famous old wood stoves. They are both somewhat alike superfluous. The secret societies which in his day were largely of a social character, are to-day taking up the literary work. The English course which in his day was the least important in any

college, to-day requires and imparts more in the freshman year than the "forty-niner" received in his entire course. Said a graduate of '53: "I never wrote but one essay in my entire course." Think of that, ye seniors who are required to wade through "Looking Backward" for the sake of one essay! To the man of literary tastes in those days the societies were a necessity. The man in either of the literary courses who can to-day find time to do his work in one of these societies is lucky.

✱ ✱ ✱

STILL again are we under the sad necessity of noticing the death of several prominent alumni. So noticeable has been the death of Union graduates of prominence lately, that the occurrence has been of general comment. Judge John C. Nott, of Albany (a grandson of Dr. Eliphalet Nott), a man widely known for his uprightness and ability, is gone. An attendance of more than 3,000 people at his funeral showed the esteem in which he was held.

Orlow W. Chapman, solicitor-general of the United States, more prominent, and not less well beloved for sterling personal qualities than Judge Nott, died about the same day ; and finally has departed John O. Taylor, one of the foremost figures in educational matters in the country. He was the nephew of John W. Taylor, also a Union graduate, who was a member of congress for twenty years, and Speaker of the house of representatives in 1820. The loss of such men must serve to remind us of Union's great past, and should serve to arouse a resolve that her future sons may be worthy of such predecessors.

AN Ohio "journalistic" firm having, among other things, arrived at the conclusion that our "tyrannical college faculty" causes us to "waste mortal time and parental money" in attempting to do too much at college, kindly offers to furnish literary productions to down-trodden seniors at an expense of \$3 to \$25, according to the nature of such essay or invective. They assure the nerve-wasted senior that their productions always "win prizes" and receive "favorable press notices," and with a happy appreciation of the financial condition of the average senior, kindly state that "no money is required in advance." Having subscribed themselves "yours confidentially," they ask, as a slight reward for their thoughtfulness, that you will hand their circulars to your classmates in order that they may confer their generous benefits upon them also.

We are sure that our seniors will appreciate this suave manner of calming conscientious scruples, and will not be backward in procuring productions by "two of the most prolific writers of the age." Were it not that they come too high (\$25), we should certainly hurl an invective at our tyrannical college faculty at our earliest opportunity.

* * *

THE CONCORDIENSIS board, feeling that neither all the musical nor all the literary ability of Union College is resident within itself, has decided that greater satisfaction and possibly greater fairness will result if the award of the prize of \$25 for a Union College song is made by others. Accordingly, at our earnest request, the award will be made by the generous donor of the prize. We hope that there is sufficient enterprise and spirit in college to make the competition a lively one. The amount offered is too large to be given for a production otherwise than meritorious. Of course it is to

be understood that each man competing is to pour out his whole soul in a single production. Two songs by the same author will be barred. Diluted productions of a single brain are not wanted. One month more remains. Who will earn the \$25 and future fame? Send in your songs!

* * *

THE following is from the Rochester *Campus*:

"Union College, according to the CONCORDIENSIS, feels so badly over the result of the Thanksgiving Day game that she will probably do the 'Harvard Crawl' act."

Being astounded that our intentions were perceived so easily, we diligently searched the CONCORDIENSIS and have failed to find any statement, direct or indirect, that could possibly lead one to gather the above expressed idea. We can explain the statement of the *Campus* only upon the hypothesis that it is another exhibition of the amazing acuteness lately characteristic of Rochester men concerning foot-ball matters.

Union feels so badly over the result that she is aching to get at Rochester again.

* * *

IN accordance with the general expectation, the president, on February 10th, nominated Charles Emory Smith, '61, to be envoy extraordinary and minister plenipotentiary to Russia. As the matter has been under consideration for some time there is no doubt of Mr. Smith's acceptance.

He was born in Connecticut; has been editor of the Albany *Express* and Albany *Journal*, and for some years editor of the Philadelphia *Press*. The New York *Tribune* says that he is a man of wide culture, a writer of pure English, and popular with both the republican and democratic press. The mission is a "first-class" one, and is salaried with \$17,000.

WITHIN a few days an event important to athletics has occurred—the formation of the New York State Inter-Collegiate Foot-ball League. The league embraces Union, Rochester, Syracuse and Hamilton. R. P. I. did not send a request for admittance, but if she so desires, we can see no existing reason that will prevent her admission. The formation of this league means that foot-ball, the grandest and best of college games, will be *the* sport hereafter. Union has not had the base-ball championship in some time, but we can see no reason for failing to secure the foot-ball pennant next year. The recent election of Mr. Robertson, '91, as manager for next year gives the assurance of faithful, enthusiastic and energetic work; which, combined with our magnificent material, must bring about not doubtful success.

* * *

THE subject of our illustration this month is Taylor Lewis, LL. D., who was a professor at Union from '47 until his death in '77. He was one of the men who served to make Union's name famous. He was considered one of the best, if not the best, Greek and Biblical scholars the country has produced. He was a graduate of the college, being in the class of '21 with Wm. H. Seward, and Dr. Hickock, the great metaphysician.

* * *

THERE was a noticeably small percentage of students present at the Prayer Day exercises. We cannot understand a neglect like this; it gives a poor impression of our spirit to the audience present, and is, besides, anything but complimentary to the speaker.

* * *

AS AN experiment we publish this number of the CONCORDIENSIS in a cover of white, printed with garnet ink—the college color. We hope the novelty and attractiveness will justify the change.

THE ambition of our printer to remodel the Greek language, and carelessness in our proof-reading—not a mistake in copy—was the cause of a few mistakes in one of our literary articles last number.

PATRONIZE THOSE WHO PATRONIZE US.

Literary.

Sources of Error in the Measurement of Angles.

In all angular measurements the errors to be expected evidently depend upon the quality of the instrument made use of, and are altogether irrespective of the space over which the work extends. For if the distance is long, it is only necessary to take into account the connection for refraction.

The mean of all the verniers should invariably be taken, and each angle repeated a number of times. In this way the errors due to eccentricity and graduation of the instrument are most nearly destroyed, and those of observation most diminished.

The object of reading off two verniers placed diametrically opposite to each other, is to counteract the effect of eccentricity in the two circular plates and the inclination of their axes. The principle of the instrument requiring that the circles should be concentric with the axes on which they are made to turn, and with each other; and the vertical lines through the centres of the axes should coincide. Now, whatever be the extent of this deviation, its effect is neutralized on the result of the observations depending on the graduations of the limb by taking the mean of the two readings, for the effect of eccentricity is always to increase one such reading by exactly the same quantity by which it diminishes the other. Hence, the sum of the two readings gives us twice the true angle.

Or the error of eccentricity may also be

eliminated by reversing the telescope and reading the angle backward.

The error caused by the inclination of the axes is small in amount in any case ; it can be perfectly eliminated by the method of observing in some cases, and in general its effect may be made imperceptible in the final mean of the measurement in any angle.

One should not rest satisfied with one measurement of the angle, even thus corrected from the error of eccentricity, for the result is liable to two other sources of error—that of graduation and that of observation itself.

To whatever degree of perfection the constriction of geodesic instruments may have been brought, it constitutes only an approximation to geometrical accuracy. Among the varied operations of this high branch of mechanical art none presents greater difficulties than the accurate division of the circumference of a circle turned in metal into 360 equal parts, and these again into smaller subdivisions. The attainment of perfect accuracy in this work has hitherto baffled the utmost stretch of human skill and industry ; nor if executed could it endure. The ever varying fluctuations of heat and cold have a tendency to produce not merely temporary and transient, but permanent, uncompensated changes of form in all considerable masses of those metals which alone are applicable to such use. And then, too, the weight of these plates, however symmetrically formed, must always be unequally sustained since it is impossible to apply the sustaining power to every part equally ; even could this be done, at all events force must be used to move and fix them, which can never be done without producing temporary, and risking permanent change of form.

The errors of the second class, called errors of observation, arise from inexpert-

ness, defective vision, atmospheric indistinctness, momentary instrumental derangements due to the want of a firm bases to support the legs, slips in clamping, loosening of screws, etc.

To obviate in a great degree these errors the principle of repetition is applied. Let the angle be repeated as many times as is deemed advisable, then this angle will be affected by the joint errors of all the observations, but only by the same constant error of graduation which depends on the initial and final readings alone.

Now the errors of observation, when numerous, tend to balance and destroy one another ; so that if sufficiently multiplied, their influence will about disappear from the result. There remains, then, only the constant error of graduation, which comes to be divided in the final result by the number of observations, and is therefore diminished by the reciprocal of the number of readings, of its possible amount.

The abstract beauty and advantage of this principle, seems to be counterbalanced in practice by some unknown cause, which probably must be sought for in improper clamping and straining of the parts consequent on the action of tangent screws.

But if the instrument is in perfect adjustment, with the use of these principles an angle may be measured, while not perfectly accurate, yet to such a degree of accuracy as is now possible.

WILLIAM O. LAY, '91.

More Specimens.

The gift of a collection of specimens by Rev. O. B. Hitchcock, '52, noticed in last number, has been increased by another amount of fossils. Some of these are very valuable ; among them are a number of foot-prints of birds.

College News.

A Generous Donor.

A check for \$200 has been received by the college for the purchase of books on American history. The donor is Lemon Thomson, Esq., of Albany, one of the college trustees, and the benefactor of the "Lemon Thomson alcove" in the library. This alcove will be the newest and one of the most valuable portions of the library and is being constantly supplied with books by Mr. Thomson.

The Gillespie Club.

The Gillespie Club is at present in a most flourishing condition. Meetings are held regularly every two weeks, at which papers on various technical subjects are read and discussed. Several of the leading scientific and engineering journals are taken by the club and are on file at the rooms. At the beginning of the present term the membership was considerably increased.

The following officers were elected: E. B. Baker, president; H. W. Preston, vice-president; B. C. Little, cor. sec.; G. H. Daley, rec. sec.; W. O. Lay, treas.; W. H. Van Alstyne, curator.

On Prayer Day.

Owing to the severe illness of the Rev. Henry A. Powell, his place as Prayer Day speaker was filled by the Rev. A. C. Sewall, of Schenectady, who kindly consented to act, after only two days' notice. This kindness was greatly appreciated by the audience who listened to his scholarly and forceful address.

Mr. Sewall took, as his subject, "How shall man be just with God?" "Science, ancient or modern philosophy, cannot answer the question," said the speaker; "not even natural religion. The perfect answer can come only through revelation. To be just with God we must perfectly obey his

laws as revealed in the Commandments. As in natural law, the slightest variation spoils the result, so in moral law, a departure from the broadest comprehension of the Divine law, vitiates the whole." Mr. Sewall explained some of the ways in which we break the Commandments, not overtly, but unthinkingly. Christ showed that a perfectly ethical life could be lived in this world. He alone was just with God. "I bring you not the ethics, but the essence of Christianity. You can find the ethics in the wise sayings and moral precepts of heathen moralists; but the Christ himself you cannot find. I want to leave this as the answer to my question: 'To as many as receive him gives he the power to become sons of God.'"

The closest attention was paid to this excellent sermon. The singing was led by the glee club and the scripture lesson was read by President Webster.

The Sophomore Ball.

Perhaps the pleasantest dance that has been given in some time by the students, was the sophomore soiree, which took place Friday evening, the 24th of last month. The committee who had charge of the arrangements is to be congratulated on its success, and to be commended for their selection of the hall, which was a great improvement in many respects on "Arcade Hall," where the college dances are usually held.

The hall was tastefully decorated with greens, interspersed with plug hats, canes, and other like paraphernalia characteristic of Union's sophomores.

There were over forty couples present, and the majority of the men present were undergraduates of the college—a fact which it is hoped will be noted at every succeeding and successful college dance.

The committee was given in our last number.

Concerning "Eli Perkins."

We are happy to announce that our next (March) number will contain a letter of reminiscences by Melville D. Landon, '61 (Eli Perkins). This reminds us of a pleasing circumstance in connection with Mr. Landon, and so publish a sample of the

MODERN INTERVIEW.

After Eli Perkins had delivered his recent lecture before the students of Union College, and been dined by President Webster, the Rational Psychology reporter of THE CONCORDIENSIS interviewed the humorist at the depot. It was noticed that Mr. Perkins, though a graduate of '61, was well preserved, physically, morally and intellectually. Eying his white, regular teeth, our reporter modestly remarked:

"It is remarkable to see teeth so white and well preserved; you must have taken great care of them, Mr. Perkins!"

"O, no; I've given them only ordinary care."

"To keep them white, perhaps you have always let the cereals predominate in your diet," suggested our reporter.

"No; I have never chosen the silicates. I eat anything; fruit, nuts and even oleaginous food. I eat any food, hot or cold."

"Then you do nothing to keep them white?"

"No, nothing; except—well, to tell you the truth, I do sometimes put them in warm water nights."

A Long Unanswered Query.

To the Editors of the Concordiensis:

Actuated by an honest desire of self-enlightenment, and convinced that in this case the enlightenment of one would be equally luminous to many, I have ventured to ask these questions:

To whom does the Union College library belong and who makes and executes its laws?

For whose benefit and use is the library? for the faculty in the first place and merely by way of condescension for the students, or for both faculty and students upon equal grounds and under the immediate supervision of the librarian?

If the library belongs to the college it seems to us that the papers, books and periodicals belonging to that library are primarily for the use of the students who pay for these advantages when they enter the college, and that the faculty of the college have no more right to violate the laws governing that library than the students.

If there were a law prohibiting smoking in the reading alcove of the library, as I think there is, would any professor venture to smoke there? I think not.

Then if there be a law prohibiting the removal of periodicals or books from the library, why should any professor venture to violate this law or permit the members of his family to violate it? Yet it is constantly done. Again and again students, searching in vain for one of the periodicals, are informed by the librarian that "it is out, one of the *faculty* has it."

If there are certain hours at which the library is open, why should any member of the faculty sit within the door ten minutes *before* the library opens and refuse to open the door to a student demanding admittance, saying: "I am sorry, but if we have laws they should be lived up to, and it is against the law for me to let you in." It seems to me that no longer hours or greater privileges should be extended to the faculty than to the students—the professor of the English department alone excepted by courtesy to his chair.

Now these ideas of justice and equity may be a little antiquated, but they are put forward with all due modesty. Any one who will kindly answer the above

questions, and can establish reasonable objections to these ideas of justice, will confer a favor not only upon me, but also upon many others who will anxiously await his reply. Let some one answer who can speak "as one having authority," and he shall be hailed public, not —

WOULD-BE-BENEFACTOR.

To the Alumni.

The following circular is addressed to the alumni by the General Alumni Association of Union College:

DEAR SIR:

It is the purpose of the General Alumni Association to make the coming Commencement season an occasion of unusual interest, and thus to inaugurate a series of successful alumni reunions leading up to the Centennial Anniversary of the founding of the college in 1895.

It has long been customary for the Decennial Classes to take the most prominent part in the proceedings of Alumni Day, and at the Commencement of 1890 this privilege belongs to the classes of 1820 (if any survive), 1830, 1840, 1850, 1860, 1865, 1870 and 1880.

A circular letter, enclosing the programme of Commencement week, will in due time be sent to the whole body of living alumni who can be reached, but it is none too soon for these anniversary classes to get to work and arrange to attend in large numbers their several class reunions and the general alumni meetings on June 24th. It is therefore earnestly requested that the secretary of each of these classes, or in the absence of such officer the members themselves, by correspondence and personal solicitation, make every effort to secure as large an attendance as possible from their respective classes, and designate in advance two representatives to speak, one at the alumni meeting in the chapel, and the other at the alumni din-

ner. These names should be suggested to the president of the association before the annual meeting.

Everything is propitious for a great alumni demonstration in June next. Under the administration of President Webster the college has taken a great forward stride. Again the feet of the youth are turning in large numbers from all parts of the country toward the good old college, and everywhere the sons of "Old Union" are organizing in her hearty support.

At the same time with this circular will be sent you from Schenectady a copy of the last General Alumni Catalogue, published in 1884. A new catalogue is in course of preparation, and it is requested that you forward to Prof. W. Lamoroux, librarian of the college, any corrections in the record of your own or other classes which you see to be necessary.

Yours very truly,

A. V. V. RAYMOND,

President.

The Albany Banquet.

The sons of "Old Union" assembled in force at the Delavan house last evening. It was the second annual meeting of the North-eastern New York Alumni Association of Union College. Alumni to the number of 130 sat about handsomely decorated and well laden tables in the large dining room shortly after 7 o'clock, and for two hours paid close attention to a fine *menu*. The dinner was most enjoyable, and the hour for breaking up came too soon. The business meeting took place at 6 o'clock. These officers were then elected:

President, James H. McClure, Albany.

Vice-President, S. H. Jackson, Schenectady.

Secretary and treasurer, Charles B. Templeton, Albany

Committee, John E. Sherwood, Joseph C. Craig, M.D., and William P. Rudd, Albany; W. Scott Hunter, Schenectady; the Hon. Samuel Edwards, Hudson; Jas. F. Featherstonhaugh, Cohoes; Albert Smith, Troy; E. P. White, Amsterdam; John B. Hubbs, Johnstown; Dow Beekman, Schoharie, and the Rev. Lee W. Beattie, Cambridge.

The nominating committee was made up of John A. DeRemer, W. P. Adams and A. H. Jackson. The secretary reported that three sets of circulars giving information about the college and its workings had been mailed during the year to the six hundred and over members of the association.

The college glee club preceded the party as it filed into the dining-room. The toastmaster, Dr. Samuel B. Ward, of this city, and the college president, Dr. Harrison E. Webster, came next, followed by the speakers, the college faculty, a delegation from the faculty of the Albany Medical College, a delegation from the faculty of the Albany Law School, and the college trustees and older graduates. Charles M. Jenkins, '29; William C. McHarg, '42, and James H. McClure, '52, of this city; the Rev. Francis B. Hall, '52, Plattsburgh; Joseph Potter, '41, Whitehall, and Earl L. Stimson, '56, Cohoes.

THE BANQUET.

The banquet was opened with prayer by the Rev. Lee W. Beattie, '79, of Cambridge. When the dishes were cleared away and the smoke from a hundred and more cigars wreathed overhead, the fine physique and pleasing face of Dr. S. B. Ward appeared above the table. He was the toastmaster. He said that he did not feel competent to fill the place of toastmaster of so important an assemblage. He then told funny stories, the hidden point of which was known only to the alumni of Old Union. Then amid tumultuous

applause and the college cheer, President Webster was introduced to respond to the toast of "Old Union." President Webster made a speech of his usual excellence, but the reporters being at the farther point in the hall from the speaker, and the clatter of the heels of the waiters and the shifting of chairs of diners, seriously interfered with the pleasure of recording it.

"Old Union should not become a local college; it has not been such in the past, it must not be so in the future," President Webster declared. He then urged the necessity of the support the alumni could give, and urged all to give all they could. When he sat down the assemblage broke into Fitz Hugh Ludlow's "Old Union," singing it with a vim.

Prof. John E. Sherwood of this city read the letters and telegrams from R. C. Alexander, William H. McElroy, Judge Robert Earl, William H. King, of Chicago, of the class of '46, and about 125 others.

Dr. Ward used the happy faculty he possesses in introducing each speaker by prefacing the introduction with a story. Some of these, however, were chestnuts, notably the one about the old man who found the name of but one man in the scriptures who drank water. This he gave in introducing the Rev. Dr. George Alexander, who responded to "The Board of Trustees." Dr. Alexander's remarks, however, had but little in relation to the subject. The trustees felt that they had performed a great part of their work when they placed President Webster in the chair. The trustees have but one thought, and that is to sustain and encourage the president in his work. The college is in position now to prepare all young men who come to it. In proposing the toast of the Medical Department, Dr. Ward said that if he had ever heard a good joke on his profession he would tell it. Several

ghastly attempts had been made. Dr. William Hailes, Jr., was called upon to respond. "We have a good president, and now we want a good many students," said the doctor, after telling a number of good stories in which Irishmen and goats formed the central figures.

Irving Browne was called upon to talk of the "Department of Law." Through the atmosphere thickly charged with cigar smoke, a few of Mr. Browne's witticisms reached the further end of the room. Mr. Browne kept his hearers convulsed with stories from his ample fund. Entertaining responses were made by W. H. Moore to the Alumni Association of New York and by the Rev. Dr. A. V. V. Raymond to the Alumni Association of North-eastern New York.

The toastmaster also called upon others for impromptu remarks. All of the speeches were of the brightest class of after-dinner efforts, brimful of eloquence, wit and sarcasm. College songs were given with youthful vim and enthusiasm and the party broke up at midnight. The success of the reunion was largely due to the untiring efforts of Dr. Joseph D. Craig, President James H. McClure and Principal John E. Sherwood, all of this city.—*Albany Evening Journal*, Jan. 29th.

NOTES.

The letter of regret sent by the Dean provoked a storm of applause.

The Glee Club is an addition to these banquets and should be encouraged.

The presence of a remarkably fine orchestra was an enjoyable feature of the banquet.

The following members of the senior class attended the Albany banquet: Bennett, Mosher, Schwilk, Hawkes, Clute, Carroll, Wright and Knox.

Members of the faculty present were: Professors A. S. Wright, Brown, T. W.

Wright, Ashmore, Wells, Hoffman, Perkins, President Webster, Mr. Cole and Mr. Winans.

One of the after-dinner speakers told of a freshman, now in college, hailing from that county which bears the name of the father of his country, who evidently has peculiar means for arriving at an exact knowledge of his marks. For the speaker, instead of telling the *grades* gotten by his protege, stated that he was marked 10 in everything excepting algebra, and 9.8 in that. The little tale provoked a smile among the students and faculty now in college.

PATRONIZE THOSE WHO PATRONIZE US.

Locals.

The foot-ball team had a picture taken lately.

The senior commencement committees have been appointed.

Comstock has been elected base-ball director in place of Cassidy, resigned.

Bennett, '90, was elected as delegate to the Inter-Collegiate Athletic Convention held at Syracuse, January 31st.

At the beginning of the second term, the following new men entered college: Aftimus, '92; Crane, '93, Gilbert, '93, Lochner, '93, and Allen, '93.

The classes for critical study of Bible subjects meets every Wednesday afternoon at 5 o'clock in the English room. They are conducted by Prof. A. S. Wright.

The Adelphic elected the following: President, Baker, '90; vice-president, McDonald, '91; treasurer, Trumbull, '92; secretary, Mosher, '92; curator, Van Alstyne, '93.

Prof. Ripton is somewhat recovered from his long and severe illness and has been seen on the campus several times. He will not be able to take his classes this term, however.

Dean, '93, and Dougall, '92, have been appointed on the Glee Club in place of Johnson, '90, and Adams, '91. Prof. William Rost, '73, will train the club weekly. Prof. Rost is a popular teacher of music in Schenectady.

The Philomathean Society met in Prof. Hoffman's room on Saturday, Jan. 25th, and elected the following officers: President, Bennet, '90; vice-president, Briggs, '91; treasurer, Clements, '91; secretary, Wemple, '92; curator, Herrick, '93. The judicial committee are: Chief-justice, Carroll, '90; associates, Ferguson, '91, and Dougall, '92.

The engineering department is in receipt of a Field Book for the Location of Railroad Curves on the Metric System, by J. McGee, C. E., of the class of 1868, published in Buenos Ayres, and of two newspapers from that city containing complimentary notices of the same. The publication is a valuable one for those countries that use the metric system, and is very full and convenient for field use.

The registration for prizes took place February 3d in Prof. Truax's room. By new rules the essays are all due June 1st, and the oratorical competition will take place May 3d. The following are lists of the entries:

Ingham—subjects, "Literary genius of Nathaniel Hawthorne," and "Froude's rank among English historians," Messrs. Carroll, Bennett, Pickford, Wright, Hawkes, Knox, Van Voast, Stewart, Dean, Johnson.

Allen—the same as for Ingham prize.

Veeder Extemporaneous—Meserve, McDonald, Briggs, '91, Hawkes, Lewald, Lord and McAlpine.

Clark—subjects, "Study of the style of Washington Irving," and "Wilkie Collins as a novelist," Messrs McDonald, Briggs, Ferguson and Robertson.

Junior Oratorical—Ferguson, Briggs, Clements and Burr.

Sophomore Oratorical—Mosher, Wemple, Meserve, Dougall, Prest and Williams.

The general subject of reading for the Veeder is "Competition versus co-operation."

PURCHASE OF OUR ADVERTISERS.

Inter-Collegiate News.

Its Origin.

Out from the realms of darkness,
Out from oblivion's night,
The cry comes: Helen's hair was red,
And the wooden horse was white.

Bancroft, the historian, is the senior alumnus of Harvard.

The next New York State field day will be held with Syracuse University.

Dr. A. V. V. Raymond represented Union as a guest at the recent Yale banquet in Albany.

The captains of next year's elevens will be Cumnock of Harvard, Poe of Princeton, and Rhodes of Yale.

The Cornell foot-ball association is in debt upward of \$700. It cost about \$3,000 to run the eleven last season.

Prize competition, class honors, and the marking system have been abolished at the University of Michigan.—*Ex.*

In the Christmas number of the *Yale Courant* there appears an editorial opposing the formation of a dual league between Yale and Harvard.

After the recent examinations at Heidelberg University, Germany, two students are said to have committed suicide on account of failure to pass the examinations.

The Hon. Seth Low, of Brooklyn, was inaugurated president of Columbia College on Monday, February 3d. President Webster of Union was among the prom-

inent invited guests. Two of Columbia's trustees, and men of national prominence—Bishops Littlejohn and Potter—are graduates of Union College.

The suggestion to call Yale's new gymnasium, "Richards Gymnasium," in honor of Prof. Richards, to whom most of the credit for the building is due, is meeting with universal favor among the students.

President Eliot says that Harvard is the only college from which a professor was ever taken for president of the United States, John Quincy Adams having held the chair of rhetoric and oratory in that institution.

The *Mail and Express* is authority for the statement that the seniors at Dartmouth, in their English course, in place of an examination, are obliged to make extempore speeches of fifteen minutes' duration. The speeches are made before the class.

The trustees of John's Hopkins recently passed a resolution to the effect that an under-graduate publication was undesirable, and forbidding the publication of any newspaper by anyone connected with the institution. The resolution was called forth by a recent effort to start an under-graduate paper.

A silver cup has been offered by an alumnus of Lehigh University, as a trophy of the foot-ball championship of Pennsylvania, to be contested for by Lehigh, Lafayette, and the University of Pennsylvania. The cup becomes the property of the college which shall win the championship three successive times.

The committee on foot-ball, at the University of Pennsylvania, in its report to the Athletic Association, gives the record of foot-ball games during the past season. Of the thirteen games played, the college team has won seven and lost six. They

have scored 198 points while their opponents have made a hundred and sixty-five. What the team has to be proud of, however, is their score against Yale, 10-20, the best made for many years.

"Yes," replied the doctor, "there is a grand picture of my beloved departed friend, Dr. Theodore Dwight Woolsey. Yonder Dr. F. A. P. Barnard, president till lately of Columbia, a graduate of Yale, and over there, again, one of the grandest men that ever lived, Dr. Eliphalet Nott, of Union, who also came from Yale."—*University.*

The Harvard faculty have recently decided upon a plan whereby all academic students may take the full course in three years instead of four, as at present. Students in the four years' course are now obliged to take four and a half courses per week, while under the new arrangement six courses per week will be required. It is claimed that under the new plan a year's time and from \$600 to \$1,000 may be saved.

The Rev. Dr. Ebenezer Dodge, LL. D., president of Colgate, formerly Madison University, died at Hamilton, N. Y., January 5th, of peritonitis, after an illness of less than three days. Dr. Dodge was born at Salem, Mass., April 22, 1819. He was graduated at Brown University in 1840 and at Newton Theological Seminary in 1845. He was pastor of Baptist churches in New Hampton and New London, N. H., from 1846 to 1853. From that time to 1861 he was professor of Biblical criticism and interpretation in the Hamilton Theological Seminary. At the same time he held the chair of Evidences of Christianity in Madison University. From 1861 to 1868 he was professor of Christian Theology in the seminary. In 1868 he was called to the presidency of the university, made vacant by the death of the Rev. Dr. G. W. Eaton, LL. D.

Is this True?

The Lehigh University team won eight and tied three of the thirteen games played this season. Both Lehigh and Cornell claim fourth place in foot-ball.—*Ex.*

Dartmouth and Wesleyan would contest Lehigh's claim. Nobody would admit Cornell's.

Recreology.

'47. Frank A. Paddock, a lawyer of Glens Falls, has just died at the age of sixty-two of paralysis. Mr. Paddock was a graduate of Union College of the class of forty-seven. He was one of the earliest members of the Union league club, and at the time of his death was a member of the committee on political reform. He was also a member of the bar association, and chairman of its judicial committee. He was a Φ B. K.

Dr. John Orville Taylor.

'30. Dr. John O. Taylor died in New Brunswick, N. J., Jan. 17, 1890. He was born in Charlton, Saratoga county, N. Y. He graduated from Union College in 1830. He taught school in Philadelphia and became prominent in educational reform. He lectured for 15 years on the improvement of the common school system. In 1837 he induced the legislature of this state to pass a law establishing school libraries. He was at one time professor of popular education in the University of the city of New York. At one time he lectured at the invitation of congress in the house of representatives. He was a recognized authority on educational subjects, and was the author of many well known books upon such subjects. Dr. Taylor was a nephew of John W. Taylor, also a graduate of Union, and famous as a member of congress for 20 years, and who was speaker of the house of representatives in 1820.

Judge John C. Nott.

'56. Judge John C. Nott, of Albany, died in that city on January 11, 1890. He was a grandson of Dr. Eliphalet Nott. He graduated from Union college in 1856. He studied law and was admitted to the bar in 1863. He practiced about ten years, was then elected police magistrate, and after serving three terms was elected county judge in 1883. He was famous as a just and impartial man. The regret at his death was widespread, and memorial meetings of many organizations were held to take action. He was born August 15, 1836, in the town of Guilderland. His father was Benjamin Nott, who was for many years judge of the old court of common pleas in Albany county. His mother was Elizabeth Cooper, a woman of strong character and great worth. He was a man of unquestioned integrity and recognized legal ability.

Orlow W. Chapman Dead.

THE SOLICITOR-GENERAL OF THE UNITED STATES—
A HIGHLY VALUED MAN.

'54. Orlow W. Chapman, solicitor-general of the United States, died suddenly at his residence in Washington January 19th. The cause was an affection of the kidneys, aggravated by an attack of the grip. He had been dangerously ill only 24 hours. He was born in Connecticut in 1832, and graduated at Union College in 1854. In 1856 he began the study of law with Judge Amasa J. Parker, another famous Union graduate. He had since resided at Binghamton. He was always a republican. He served in the state senate from 1868 to 1872. He was superintendent of the insurance department from 1872 to 1876. As the solicitor-general is the legal adviser of the government, his position was not inferior to that of a cabinet officer. Mr. Chapman was highly valued by Attorney General Miller. (He was a genial, courteous man, of thorough culture—a widely traveled man, and said to be a delightful companion.)

Exchanges.

The *University*, published by the University Print of New York city, has just issued a magnificent January number, containing a large portrait of Princeton's champion team, and fourteen large cuts of rooms and prominent men belonging to the well-known University Club of New York. From this number we gratefully clip the following:

"The CONCORDIENSIS, the bright and enterprising publication of Union College, has offered a prize of twenty-five dollars for the best college song, submitted by any under-graduate. Its object is to stimulate the writing of new songs, and so maintain the musical reputation of a college which has produced John Howard Payne and Fitzhugh Ludlow. The successful song, with the music, will be published in the March number, of the CONCORDIENSIS."

Outing for February is a very good number and is filled with articles of sterling value. Among the more important ones we notice Fishing for Tarpon, by O. A. Mygatt, richly illustrated; The Setter, a most valuable paper by Edwin H. Morris, illustrated with portraits of fine dogs; Wintering in California, by C. H. Shinn, which pleasantly describes California and its advantages as a winter health resort, and a place for sportsmen. This article is fully illustrated. Other articles are Brant Shooting on the Atlantic Coast, by Alexander Hunter, the New York Cyclists Meet, The College Foot-ball Championship, Fencing for Women, Tobogganing, and Russian Field Sports. The serial, Flycatcher, by Capt. Hawley Smart, is continued, and increases in interest. Longing, and My Gift are poems of much merit. The Editor's Open Window is unusually replete with interesting comments on topics of the day. Altogether the February *Outing* is a number well worth a careful perusal.

Richmond Straight-Cut No. 1 Cigarettes.

CIGARETTE smokers who are willing to pay a little more than the price charged for the ordinary trade cigarettes will find THIS BRAND superior to all others.

The Richmond Straight-Cut No. 1 Cigarettes are made from the brightest, most delicately flavored and highest cost Gold Leaf grown in Virginia. This is the Old and Original Brand of Straight-Cut Cigarettes, and was brought out by us in the year 1875.

Beware of imitations and observe that the firm name as below is on every package.

ALLEN & GINTER, Manufacturers,

RICHMOND, VA.



Prof. Loissette's

MEMORY

DISCOVERY AND TRAINING METHOD

In spite of adulterated imitations which miss the theory, and practical results of the Original, in spite of the grossest misrepresentations by envious would-be competitors, and in spite of 'base attempts to rob' him of the fruit of his labors, (all of which demonstrate the undoubted superiority and popularity of his teaching), Prof. Loissette's Art of Never Forgetting is recognized to-day in both Hemispheres as marking an Epoch in Memory Culture. His Prospectus (sent post free) gives opinions of people in all parts of the globe who have actually studied his System by correspondence, showing that his System is used *only while being studied, not afterwards; that any book can be learned in a single reading, mind-wandering cured, &c.* For Prospectus, Terms and Testimonials address

Prof. A. LOISETTE, 237 Fifth Avenue, N. Y.

PROCTOR'S THEATRE, ALBANY, N. Y.

Only First-Class Attractions.

Prices, - - \$1, 75c., 50c., and 35c.

The only Theatre in Albany Playing the Best Attractions.

ADVERTISEMENTS.

ELEGANT AND USEFUL GOODS.

Our assortment includes a full line of

Silver-Plated Ware,

Elegant Lamps, China, Fancy Glassware and Novelties in great variety. Many other attractions too numerous to mention—COME.

S. R. JAMES, Manager,
Y. M. C. A. Building, SCHENECTADY, N. Y.

WOOD BROS.,
255 State Street, SCHENECTADY, N. Y.

Men's Furnishing Goods,

SHIRTS, UNDERWEAR, GLOVES, HOSIERY,
NECKWEAR, COLLARS AND CUFFS.

Goods received for Troy Laundry.

D. R. O. J. GROSS,

—**DENTIST,**—

OFFICE HOURS FROM 9 A. M. TO 4 P. M.

156 Jay Street, SCHENECTADY, N. Y.

A. M. POWERS,

Photographic Artist,

No. 429 State St., SCHENECTADY, N. Y.

ZIMMER & KINGMAN,

Livery, Sale and Exchange Stables,

130, 132 and 134 CENTRE STREET.

Single and Double Rigs furnished on Short Notice.

Telephone Connection.

Printing.

Engraving.

MENUS.
PROGRAMS.
INVITATIONS.
VISITING CARDS.
NOTE HEADS.
ENVELOPES.

Brandow Printing Company,

15 North Pearl Street,
Albany, N. Y.

JOHN L. BURGESS,

Manufacturer of

SOLID GOLD JEWELRY

FRATERNITY PINS, BADGES AND MEDALS,

No. 12 PLAIN ST., up-stairs,

ALBANY, N. Y.

AUGUST SCHMIDT,

Shaving and Hair Dressing Parlors,

OPPOSITE GIVENS' HOTEL,

(UP STAIRS.)

DE LONG'S

Ladies' and Gentlemen's Dining Rooms,

102, 104 and 106 Wall Street.

Catering for Balls, Parties, Banquets, &c.

S. E. MILLER, JR.,

MEN'S OUTFITTER,

Neckwear, Underwear, Hosiery, Gloves, &c.

Jerseys, Tennis Shirts, Fancy Flannel Shirts, Tennis
Suits, and Bicycle Goods.

FINE SHIRTS TO ORDER.

34 and 36 MAIDEN LANE, - ALBANY.

ADVERTISEMENTS.

THE GENTLEMEN SMOKE

Finney Bros.

HIGH-CLASS .: CIGARETTES.

SPECIAL FAVOURS.

Club, Opera and Prince of Wales for Gentlemen, and Boudoir size for Ladies,

SWEET CAPORAL, NEW YORK STANDARD,
THE STANDARD OF THE WORLD.

Keyler's

FINE CONFECTIONS, BON BONS AND CHOCOLATES.

Also fine line of Fancy Goods and Bonbonieres.

35 NORTH PEARL STREET, ALBANY, N. Y.
Branch 863 Broadway. B. DeKLYN, Manager.

EDWARD S. BRIGNALL,

BOOTS and SHOES,

UNION HALL STORE.

The most complete line and latest styles.

THE WINDSOR

Restaurant,

CHAS. FAIRFIELD, - - - - Proprietor.

31 and 33 Maiden Lane, ALBANY.



FREE OUR NEW **FREE.**
\$85 Solid Gold Watch
Worth \$100.00. Best \$85 watch in the world. Perfect timekeeper. Warranted heavy, SOLID GOLD hunting cases. Both ladies' and gent's sizes, with works and cases of equal value. ONE PERSON in each locality can secure one free, together with our large and valuable line of Household Samples. These samples, as well as the watch, are free. All the work you need do is to show what we send you to those who call—your friends and neighbors and those about you—that always results in valuable trade for us, which holds for years when once started, and thus we are repaid. We pay all express, freight, etc. After you know all, if you would like to go to work for us, you can earn from \$20 to \$60 per week and upwards. Address, Stinson & Co., Box 812, Portland, Maine.

PHOTOGRAPHIC SUPPLIES of all kinds
For Professionals and Amateurs.

FULL LINES OF LEADING MAKES OF

Cameras, Dry Plates and Card Stock,

AT THE LOWEST MARKET PRICES.

DARK ROOM FOR USE OF CUSTOMERS.

J. N. McDONNALD,

Opposite Delavan House. 582 Broadway, ALBANY, N. Y.

FALL AND WINTER
CLOTHING.

COLLEGE BOYS' HEADQUARTERS FOR

FINE CUSTOM AND READY-MADE

AT THE LOWEST CONSISTENT PRICES.

Fifth Avenue Cutter, Designs the very Latest.

JAMES H. GROSS & CO.,

Broadway, cor. Maiden Lane, ALBANY, N. Y.

TEACHERS WANTED !

Eight Principals, Eleven Assistants, and a number for Music, also Art and Specialties.

Send stamp for application form and circulars of information to

NATIONAL SCHOOL SUPPLY BUREAU,

Mention this paper.

CHICAGO, ILL.

HATHAWAY'S

Livery Stable,

304 CLINTON ST.

Single and Double Rigs furnished on Short Notice.

Depot Calls a Specialty. Telephone Connection.

ADVERTISEMENTS.

TROJAN STEAM LAUNDRY,
115 SOUTH CENTRE STREET.

The undersigned has had eleven years' experience in the Laundry business in Troy, and the production of this Laundry is second to none.

ALL WORK GUARANTEED.

Equal in every respect to Troy Work. Give us a trial.

EMMOTT HOWD, Proprietor.

A. BROWN & SON,

ESTABLISHED 1829.

UPHOLSTERERS AND FURNITURE DEALERS,

302 STATE ST., SCHENECTADY, N. Y.

C LARKE,

CATERER

—TO—

WEDDINGS, BANQUETS AND PARTIES,

49 Hudson Avenue, ALBANY, N. Y.

THE FINEST CHOCOLATES, BONBONS

AND CONFECTIONERY

made fresh daily. Also the largest assortment of Fancy Cakes for Parties or Suppers in the city, made at short notice.

SCHERMERHORN & CO.,

BAKERS,

112 WALL STREET,
431 STATE STREET.

R. K. QUAYLE,

ALBANY, N. Y.

Diplomas, Views, Portraits,

WEDDING AND COLLEGE INVITATIONS, CARDS,
MONOGRAMS.

Original Designs when Desired.

C HAS. N. YATES,

136 State Street, Schenectady, N. Y.

Furniture * Warerooms,

Beds, Chairs, Mattresses and all articles pertaining to furnishing students' rooms.

 **GOODS DELIVERED FREE.**

C HAS. HOLTZMANN,

Clothier and Merchant Tailor.

Nos. 201 and 203 STATE STREET,

SCHENECTADY, N. Y.

Perfect Fit and Good Work Guaranteed. -- --

B ELLER'S

Billiard Parlors.

EIGHT COLLENDER TABLES—FIRST-CLASS
BAR ATTACHED.

C. A. G. BELLER, PROP.

Cor. State and Center Sts., Schenectady, N. Y.

H ARMAN CONSAUL,

Wholesale and Retail Dealer in

Boots, Shoes and Rubbers,

260 State Street, Schenectady, N. Y.

W ILSON DAVIS,

MERCHANT TAILOR,

237 STATE STREET, SCHENECTADY, N. Y.

ADVERTISEMENTS.

Vanbranken's PICTURES, ETCHINGS, ENGRAVINGS, ARTISTS' MATERIALS.
1619 Central Arcade, TO ORDER, FRAMED.

J. V. VROOMAN & SON, ESTABLISHED 1854.
—DEALERS IN—
Hardware, Stoves, Tinware,
PLUMBING, STEAM AND HOT AIR FURNACES.
All Plumbing, Steam and Gas Fitting Promptly Attended to.
138 and 140 State St., SCHENECTADY.

WE ALWAYS SELL
Coal, Wood,
And Best Patent Flour
AT LOWEST MARKET PRICE.
VAN SLYCK & GARNSEY,
17 and 19 South Centre St.

L. A. YOUNG,
PIANOS, ORGANS,
AND
MUSICAL MERCHANDISE GENERALLY.
Domestic and other Family Sewing Machines.
ARCADE BLOCK, SCHENECTADY, N. Y.

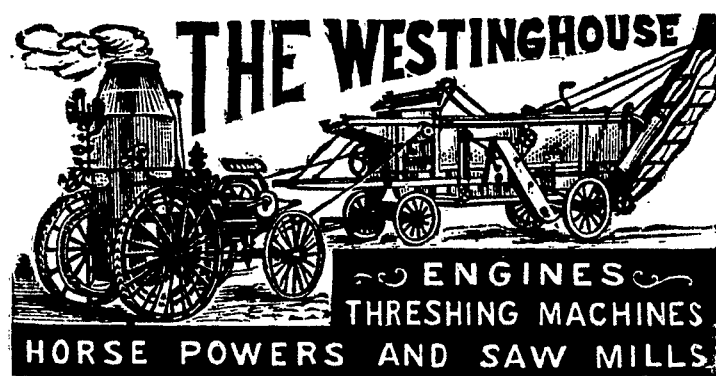
KEELER'S
Hotel and Restaurant,
26 and 28 Maiden Lane,
EUROPEAN PLAN. ALBANY, N. Y.

KING, THE TAILOR
—AND—
MEN'S OUTFITTER,
No. 303 STATE STREET,
SCHENECTADY, N. Y.

W. T. HANSON & CO.,
335 STATE STREET.
Druggists and Apothecaries.
FINE CIGARS A SPECIALTY.
PROPRIETORS OF HANSON'S MAGIC CORN SALVE.
335 State Street, Schenectady, N. Y.
TOILET ARTICLES. — DRUGGISTS' SUNDRIES.

LEVI CASE & CO.,
Copper, Brass and Sheet Iron Works,
STEAM, HOT WATER,
AND FURNACE HEATING
A SPECIALTY.

E. C. HARTLEY,
DEALER IN
Choice Groceries and Provisions,
Imported and Domestic Cigars, Tobacco, Confectionery, &c.
Fine Butter a Specialty. 601 and 603 Union Street.



Grain Threshers, unequalled in capacity for separating and cleaning.
Combined Grain and Clover Threshers fully equal to regular grain machines on grain, and a genuine Clover Huller in addition.
Two Speed Traction and Plain Engines. 4 to 15 Horse Power, positively the most desirable for Lightness, Economy, Power and Safety. Boiler has horizontal tubes, and is therefore free from the objectionable features of vertical boilers.
Horse Powers, both Lever and Endless Chain. All sizes. Send for catalogue. Address
THE WESTINGHOUSE CO., Schenectady, N.Y.

ADVERTISEMENTS.

THE EDISON MACHINE WORKS,

SCHENECTADY, N. Y.

* Sprague Electric Motors, Edison Underground Conductors. *

INSULATED WIRE AND CABLES, SHAFTING PULLEYS

—AND—

GENERAL MACHINERY.

EDISON ELECTRIC LIGHT MACHINERY.

SCHENECTADY

STEAM LAUNDRY

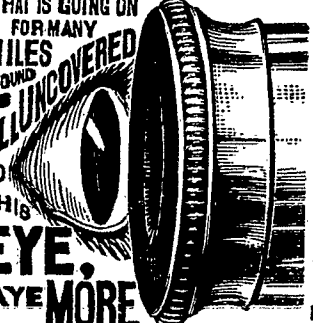
AND

BONNET BLEACHERY.

THOMAS ODY, Proprietor,

67 Central Arcade, - SCHENECTADY, N. Y.

WHAT IS GOING ON FOR MANY MILES AROUND TO THIS EYE. MORE



One of the BEST Telescopes in the world. Our facilities are unequalled, and to introduce our superior goods we will send FREE to ONE PERSON in each locality, as above. Only those who write to us at once can make sure of the chance. All you have to do in return is to show our goods to those who call—your neighbors and those around you. The beginning of this advertisement shows the small end of the telescope. The following cut gives the appearance of it reduced to



about the fiftieth part of its bulk. It is a grand, double size telescope, as large as is easy to carry. We will also show you how you can make from \$3 to \$10 a day at least, from the start, without experience. Better write at once. We pay all express charges. Address, H. HALLETT & CO., Box 880, PORTLAND, MAINE.



PREMIÈRE

QUALITÉ

CIGARETTE.

A SUPERB ARTICLE. The standard of purity and excellence. The faultless union of two matchless tobaccos prevents that dryness of the throat usually produced by smoking other brands. Do not allow prejudice to prevent you from giving this incomparable Cigarette a trial. It is simply perfection, a luxury and not a low priced article.

Our Vanity Fair and various Smoking Mixtures are the finest for the pipe.

WM. S. KIMBALL & CO.,

Rochester, N. Y.

17 First Prize Medals.

CHAS. G. ELLIS, Pres't.
WALTER McQUEEN, Vice-Pres't.

EDWARD ELLIS, Treas.
ALBERT J. PITKIN, Supt.

SCHENECTADY LOCOMOTIVE WORKS,

SCHENECTADY, N. Y.,

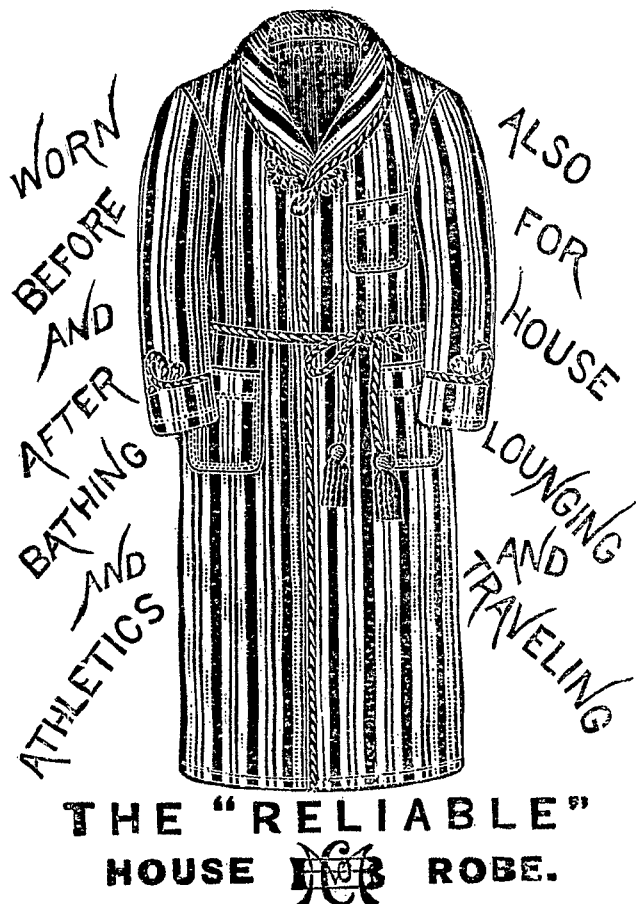
*Locomotives of Standard Design for all Classes of Service,
or from Designs furnished by Railroad Companies.*

ANNUAL CAPACITY 300.

1843.

1889.

ASK RETAILERS



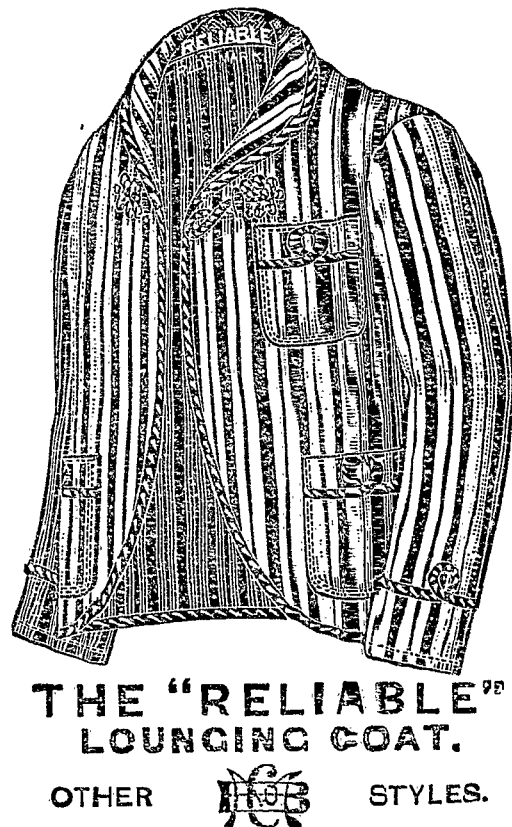
FOR THE **'RELIABLE'** TRADE MARK.

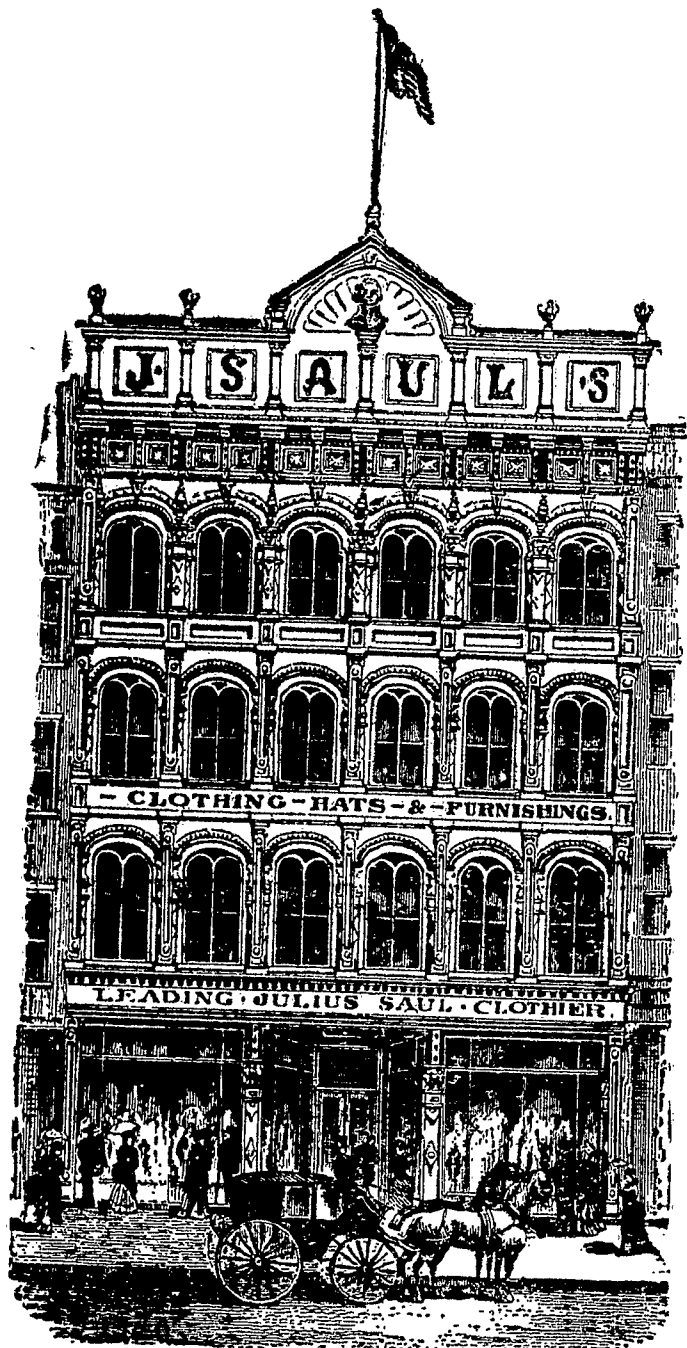
Flannel Shirts,
Lounging Coats,
House Robes,
Pajamas, &c.

MADE ONLY BY THE

Brokaw Man'fg Co.,

NEWBURGH, N. Y.





SAUL'S

New Building

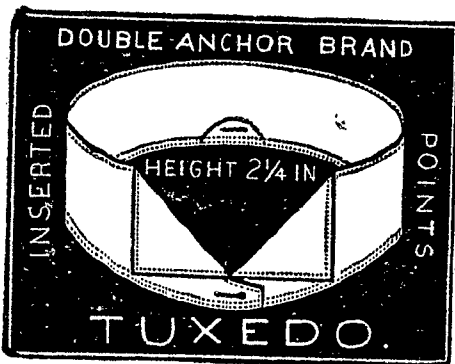
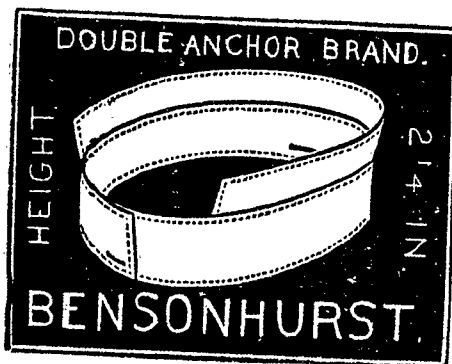
ALBANY, N. Y.

FINEST STORE IN THE UNITED STATES.

A SPECIAL NOTE TO STUDENTS to the fact that we have the Largest and Finest Stock of Ready-Made Clothing, Hats and Caps, Trunks, Bags and Furnishing Goods in Albany.

We have a beautiful Custom Department attached, in which will be found a large stock of both Foreign and Domestic Woolens. Best talent and workmanship are employed.

When in Albany you are invited to inspect the building and make the store your resting place.



ASK FOR THE FAMOUS

ANCHOR BRAND

COLLARS, CUFFS and SHIRTS,

They will Outwear two Ordinary Collars. All Fashionable Styles. For Sale Everywhere.

STEWART LUSCOMB BANJOS

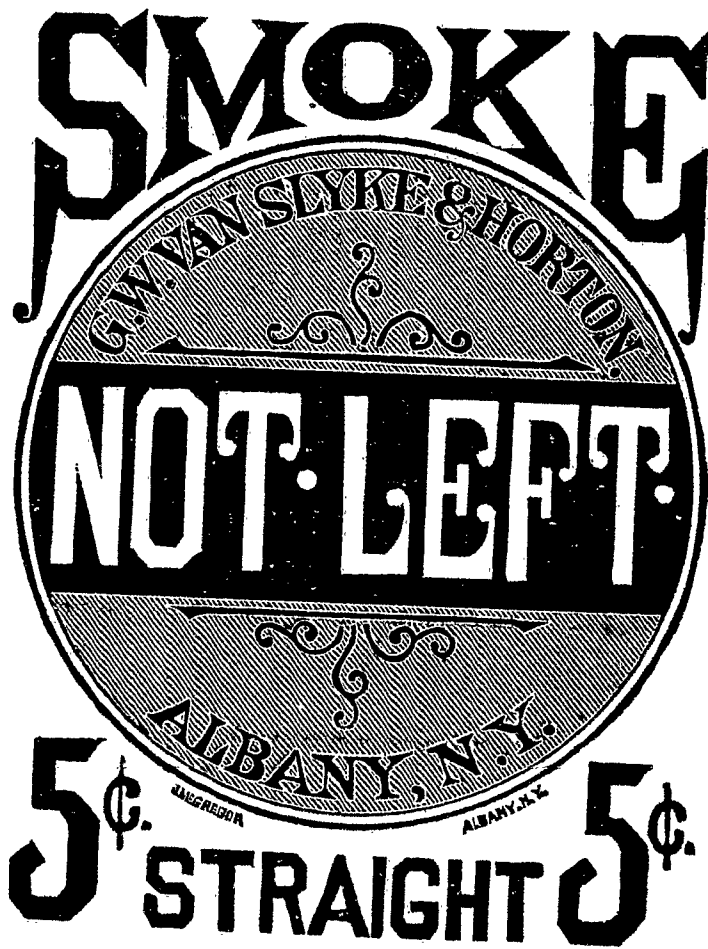
GUITARS WASHBURN BAY STATE

We have a complete assortment of these celebrated Banjos and Guitars always in stock and sell them very low, to clubs.

CLUETT & SONS.

49 State St., Albany.

THE stock used in the manufacture of this Cigar is the most expensive of any five-cent Cigar ever put on the market. It is really a ten-cent Cigar for five cents. Competition drove us to it.



REMEMBER,
The Price is 5 cents. — Not 10 cents.