APPLIED SCIENCE.

MENHADEN OIL AND GUANO.—The great magnitude of the interest connected with the manufacture of oil and guano from the Menhaden has, as in other cases, induced the formation of an association for mutual protection, under the title of "The United States Menhaden Oil and Guano Association." The statistics of capture of menhaden and the manufacture of oil and guano are shown by the following table:

	Barrels.
Number of fish caught during 1874	1,478,634
Number of fish caught during 1873	1,193,100
Making an increase of	285,534
	Tons.
Amount of guano in 1874	50,976
Amount of guano in 1873	36,290
Increase for 1874	14,686
	Gallons.
Quantity of oil manufactured in 1874	3,372,837
Quantity of oil manufactured in 1873	2,214,800
Increase for 1874	1,158,037

The number of barrels, as given above, would be equal to the following number of fish:

Fish caught in 1874	492,878,000
Fish caught in 1873	397,700,000
Increase in 1874 over 1873	95,178,000

The amount of oil on hand at the beginning of the year was 648,000 gallons, and 5,200 tons of guano remained unsold. The number of fishermen returned for 1874 was 1,567; the number of men employed at the manufactories, 871; the number of sailing vessels employed, 283; steamers, 25. There is a capital of $2,500,000 invested in the business, with 64 factories. A market has been found in the West Indies and in England for the guano.

CRYOHYDRATES, A NEW CLASS OF BODIES.—Prof. Guthrie has lately defined, under the name of cryohydrates, what he considers to be a new class of bodies. When ordinary brine is sufficiently reduced in temperature, ice is separated, while the brine becomes richer in salt. But if the solution be saturated, crystals of a bihydrate of chloride of sodium are formed, and their separation necessarily impoverishes the brine. Now Prof. Guthrie finds that when this impoverished brine is further cooled, by contact with solid carbonic acid and ether, the whole solidifies, the water and salt forming a homogeneous crystalline mass of definite composition, which is probably a hydrate, containing ten molecules of water. The term cryohydrates is provisionally proposed for the newly-discovered class of bodies, of which this compound is a type; a class of bodies, in fact, which contain water combined with various salts, and which solidify below the freezing-point of water. In the freezing of sea-water, ice is first formed; but it is probable that the remaining brine may be so enriched as to throw out, on continued cooling, some of these cryohydrates. Prof. Guthrie concludes that the degree of saltness of an ice-floe will depend not only on its age, as Dr. Rae had already observed, but also on the rapidity with which it is first formed, and on the lowest temperature to which it has afterwards been submitted.

EFFECT OF SOLUTIONS ON A GROWING VINE.—Baudrimont has been continuing his experiments upon the influence upon the branches of a growing vine of immersion in water containing various substances in solution, and has obtained some rather remarkable results by various poisonous agencies, some appearing actually to increase the vigor of growth of the vine and prolong its existence, as in the case of chloride of potassium; while others cause the plant to wither, as in creosote and carbolic acid. Bromide and iodide of potassium seem to act in the same manner as chloride of potassium. Chloral hydrate exercises a very poisonous influence, destroying the branch vine in three days; the effect differing from that of carbolic acid. One of the most curious phenomena is that which is exhibited in the fall of the leaves. In some instances the petiole becomes detached at the point where it is inserted in the branch. This takes place in case of most substances, such as bi-chloride of mercury, and chloride, bromide and iodide of potassium. In other cases it is the limb which separates from the extremity of the petiole. This occurs with ordinary water, and the nitrates of ammonia, potash and soda. In one single instance both forms of separation have been observed, under the influence of the same substance. Sometimes, again, the branch dies while the leaves continue to adhere to it. This is the case after the use of hydrocyanic acid and the essence of turpentine. Chloride of potassium acts as an invigorating and preserving agent, quite exceptional in its character. A current of ammonia allows the branch to preserve its freshness for eight days, after which it withers.

Instruction.

For Boys and Young Men—Country.

ENGLEWOOD, N. J.—Classical and Mathematical SCHOOL for BOYS. KURSTEINER & WHITE, Principals.

FREEHOLD INSTITUTE, Freehold, New-Jersey.—A Boarding School for Boys. Rev. A. G. CHAMBERS, Principal.

GREYLOCK INSTITUTE, South Williamston, Berkshire County, Mass.—A first-class preparatory School; terms $450 per year. For catalogues address BENJ. F. MILLS, A. M., Principal.

HOME SCHOOL FOR BOYS.—Reopens Aug. 25, 1875. Rev. Ambrose Rondthaler, Bethlehem, Penn.

HIGHLAND MILITARY ACADEMY, WORCESTER, MASS., prepares young men for Commercial, Literary, and Scientific pursuits. C. B. METCALF, A. M., Supt.

JACKSON MILITARY INSTITUTE, Tarrytown, N. Y. Address Rev. F. J. JACKSON, Principal.

Jamesburg (N. J.) Institute.—A wide-awake, thorough school for boys. M. OAKEY, A. M., Principal.

KIARSARGE SCHOOL FOR BOYS—North Conway, N. H. For full particulars, address FREDERICK THOMPSON, Principal.

MORRISTOWN, N. J.—Boarding-school for BOYS. Rev. S. N. HOWELL, A. M., Principal.

M. C. Mitchell's Family School for Boys, West Tisbury, Martha's Vineyard, Mass. Send for circular.

MILITARY BOARDING SCHOOL, White Plains, N. Y. Principal, O. R. WILLIS, Ph. D.

MT. PLEASANT INSTTE.—Private Classes for boys. Amherst, Mass. Estab. 1846. H. C. Nash, A. M., Prin.

MOUNT PLEASANT MILITARY ACADEMY.—A select Boarding-school for Boys, at Sing Sing on the Hudson. The course of instruction embraces the Classics, Modern Languages, Mathematics, Elementary and higher English Studies, and Natural Science, Music, Drawing, Fencing, and Elocution. A thoroughly organized Military Department. Riding-school, Gymnasium, &c. Will reopen THURSDAY, Sept. 16. J. HOWE ALLEN, Principal, Sing Sing, N. Y.

NAZARETH HALL.—Boarding School for Boys at Nazareth, Northampton Co., Penn.

NEWBURGH (N. Y.) INSTITUTE, a Family School for Boys, will reopen SEPT. 14. For circulars address Principals, HENRY W. SIGLAR and J. MACNIE.

PEEKSKILL (N. Y.) MILITARY ACADEMY.—OPENS Sept. 8, 1875. New Gymnasium, $400 per year. Address Messrs. WRIGHT & DONALD.

PRINCETON COLLEGE PREPARATORY SCHOOL, Princeton, N. J.—Term opens Sept. 8. Principal, Rev. C. J. COLLINS, A. M. References, Faculty of College or of Seminary.

POUGHKEEPSIE (N. Y.) MILITARY INSTITUTE will reopen Thursday, Sept. 9. For new Catalogue, containing information, references, &c., address H. S. JEWETT, A. M., Principal.

PENNSYLVANIA MILITARY ACADEMY, Chester, Penn., opens Sept. 8.—Civil Engineering, the Classics and English thoroughly taught. For circulars apply to Col. THEO. HYATT, President, or O. M. BOGART, No. 1 Nassau-st., New-York.

SUPERIOR Family SCHOOL for BOYS, Great Barrington. JAMES BIRD, A. M., Principal.

SEWARD INSTITUTE for Boys in Winter Park, Orange County, N. Y. $160 pays for board, tuition, fuel, light, &c., in this well-known institution. Advantages superior; number limited. Opens Sept. 14. Send for catalogue. T. G. SCHRIVER, A. M.

THE Irving Institute, Tarrytown-on-Hudson, offers unusual advantages for boys. Send for Circular.

WILLIAMS COLLEGE, Williamstown, Mass.—Wholly devoted to college work. Tuition, room rent, and board in College Hall, $226 a year. One-half this sum remitted to students needing aid. For information apply to F. A. CHADBOURNE, President.

WEST JERSEY ACADEMY.—Pupils have the comforts of a pleasant home, also thorough instruction. Seven teachers; large grounds; mild climate. Parents wishing a really good school for their sons should send for a catalogue. Address Rev. A. S. Vaughan, A. M., Bridgeton, N. J.

YONKERS MILITARY INSTITUTE for making boys intelligent, healthy, Christian men. BENJAMIN MASON, Box No. 954, Yonkers, N. Y.

$57 50 Per Quarter.—No extras. Media Academy for Boys. 12 miles from Philadelphia. 10 instructors. S. C. Shortlidge (Harvard, A.M.), Media, Penn.

$200 TO $250 per annum.—STEVENSDALE INSTITUTE, a first-class boarding-School for boys, with superior educational advantages. South Amboy, N. J. J. H. WITHINGTON, A. M.

$250 PER YEAR.—Institute for Young Boys. E. HINES, A. M., Hempstead, L. I.

For Young Ladies Country

A LADY occupying her own spacious mansion in the well known village of Stockbridge, Mass., desiring to educate daughters at home under competent instructors, with the advantages of class-study, will receive into her family a limited number of young ladies between the ages of 14 and 18 years. Best references given and required. For circulars and terms address P. O. Box 84, Stockbridge, Mass.

BROOKS SEMINARY for young ladies, Poughkeepsie, N. Y., reopens Sept. 14. Parents are invited to investigate the merits of this school. Address EDW. WHITE.

BISHOPTHORPE SCHOOL for GIRLS, Bethlehem, Penn.—The FALL TERM commences on WEDNESDAY, Sept. 15, 1875. The number of scholars is limited. Address Miss FANNY I. WALSH, Principal.

COOK'S COLLEGIATE INST. for young ladies, Poughkeepsie, N. Y. Address GEO. W. COOK, Ph.D.

CHESTNUT-ST. SEMINARY, Philadelphia. The Twenty-sixth year of this Boarding and Day School will OPEN Sept. 15. For circulars apply to Miss BONNEY and Miss DILLAYE, 1,615 Chestnut-st., Philadelphia, Penn.

COTTAGE HILL SEMINARY for Young Ladies, Poughkeepsie, Dutchess Co., N. Y., On-the-Hudson.—Course of study comprehensive. Music and Fine Arts a specialty. Instruction thorough in every branch. For circulars address C. C. WETSELL, Principal and Proprietor.

CENTENARY INSTITUTE, Hacketstown, N. J.—Ladies' College. College preparatory for gentlemen. The edifice is considered the best of its class in the land. Heated by steam, lighted by gas, handsomely furnished. Rev. G. H. WHITNEY, D. D., President.

DREW Ladies' Seminary, Carmel, N. Y.—Nine years of successful work; healthful; beautiful for situation; homelike. Fall session (19 weeks) opens Aug. 11. GEO. C. SMITH, A. M.

ELMIRA FEMALE COLLEGE. Next session opens Sept. 8. Designed for well-prepared students not under 15 years of age. Accommodations superior. Terms moderate. Address Rev. A. W. COWLES, D. D., President, Elmira, N. Y.

EBELL International Academy, 15 Hedemann-st., Berlin, Prussia.—Established School for Young Ladies and Teachers, with the best European advantages in Science, Art, History, Music, the Froebel method of Kindergarten, and the German system of Schools. Home in charge of American ladies; Academy in care of German Board of Trustees. Special preparation for route of travel and subsequent tour of object study. Address Dr. ADRIAN J. EBELL, Director, 18 Cooper Union, New-York; Mrs. ADRIAN J. EBELL, 15 Hedemann-st., Berlin, Prussia.

FRENCH HOME for YOUNG LADIES wishing to attend institutions of learning in Brooklyn. For circulars or admission address Mlle. ACHERT, (Prof. of French at Packer Inst.), 134 State-st., Brooklyn, N. Y.

FAMILY and DAY SCHOOL for YOUNG LADIES.—Miss Williams's School REOPENS Sept. 15. For circulars, address Miss A. M. WILLIAMS, Worcester, Mass. Refers to Rev. E. E. Hale, D. D., Ex-Gov. Bullock, P. L. Moen, esq., Hon. W. W. Rice.

GOLDEN HILL SEMINARY for young ladies Bridgeport, Conn. Address MISS EMILY NELSON.

GROVE HALL, New-Haven, Conn.—Boarding and Day School for Young Ladies. Established in 1820. Reopens Sept. 22. Miss Maria P. Monfort, Principal. Address till Aug. 1, Astoria, L. I., N. Y.; after that, New-Haven, Conn.

HOME INSTITUTE FOR YOUNG LADIES, Tarrytown, N. Y.—Combining home care with a thorough course of study in the English branches, the languages and music. Reopens September 15. Miss M. W. METCALF, Principal.

INGHAM UNIVERSITY for Young Ladies, Le Roy, N. Y.—Full College Course, School of Music and School of Art; 40th year opens Sept. 9. Board and tuition per annum, $230. Send for catalogue to Mrs. E. E. LADD, PRINCIPAL.

MRS. W. G. BRYAN'S Boarding-School for Young Ladies, Batavia, N. Y.

MISS BULKLEY'S BOARDING and DAY SCHOOL for Young Ladies, Tarrytown-on-the-Hudson, will reopen WEDNESDY, Sept. 15.

MRS. FAITH C. HOSMER and MISS E. H. ROCKWELL'S Family and Day School for Young Ladies, Springfield, Mass., reopens Sept. 15. Send for circular.

MAPLEWOOD INSTITUTE for Young Ladies, Pittsfield, Mass.—Has rare advantages for Music. Grounds of unrivaled beauty. Rooms newly furnished. A Kindergarten. Also an elegant Boarding House for Families. Address Rev. C. V. SPEAR, the Principal.

THE MISSES NOTT'S ENGLISH and FRENCH BOARDING and DAY SCHOOL for YOUNG LADIES, 33 Wall-st., New-Haven, Conn. The Fall term opens Sept. 22. For circulars apply as above.

WEST END INSTITUTE, Mrs. S. L. CADY, Principal, New-Haven, Conn. Send for Circular.

YONKERS ON THE HUDSON.—Locust Hill Seminary for Young Ladies. Course of instruction thorough and complete. Opens Sept. 15. Miss E. A. RICE, Prin.

YOUNG LADIES' BOARDING and DAY SCHOOL, Stamford, Conn. Mrs. C. E. RICHARDSON, Principal. Reopens Sept. 22, 1875.

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A FAMILY BOARDING SCHOOL on a farm 14 miles from New-York; $6 per week; Board, Washing, Tuition, and the comforts of a country home. For circulars, address Mrs. H. C. MONELL, Manhasset, L. I.

ALL SAINTS SCHOOL, 261 Hamilton-terrace, Baltimore, Md.—Rev. JOSEPH RICHEY, M. A., Rector, conducted by the sisters of All Saints, London, England; under the sanction of the Right Rev. W. R. WHITTINGHAM, D. D., LL. D., Bishop of Maryland. A liberal education with music, drawing, French, German, Latin, Calisthenics. Boarding pupils, $300; no extras. Apply to SISTER SUPERIOR.

BISHOP HELLMUTH COLLEGES, London, Ontario, Canada, afford the Highest Intellectual and Christian Education, for the sons and daughters of gentlemen, at very moderate charges. (The Colleges are a mile apart and about four hours by rail from Suspension Bridge, Niagara Falls.) President and Founder—The Right Rev. I. HELLMUTH, D. D., D. C. L., Lord Bishop of Huron. The Colleges are respectively supplied with an able staff of Experienced European Teachers. For further particulars apply to the Principal.

CHAPPAQUA MOUNTAIN INSTITUTE—A boarding school for both sexes, under the care of the Society of Friends; healthy location; terms moderate. S. C. COLLINS, A. M., Principal, Chappaqua, N. Y.

ERASMUS HALL ACADEMY, Flatbush, L. I. J. HASBROUCK, A. M., Principal.

ENGLISH and CLASSICAL BOARDING-SCHOOL, Stratford, Conn., 29th Year. Fall session begins Sept. 10. For circulars address FREDERICK SEDGWICK, A. M., Principal.

Instruction.

For Both Sexes—Country.

FORT EDWARD INSTITUTE, N. Y., for ladies and gentlemen.—$194 per year for board and Common English. To prepare for college, for business, and for life. Address JOS. E. KING, D.D. Fall Term, Sept. 2.

HOME SCHOOL at Croton, on Hudson.—Mrs. M. C. BARLOW, having several children of her own to educate, will receive into her family a limited number of pupils, who will share equally every advantage with her own. Every means will be adopted for their mental, moral, and physical development. Pupils can remain the entire year.

LEE'S HOME INSTITUTE, a boarding-school for both sexes at Nyack on the Hudson, reopens Sept. 7. Studies academic and primary. Expenses $288 per year. No extras. References: Patrons and clergymen.

PARK RIDGE (N. J.) Institute—Both sexes. For Eng. and Board, $200 per year. Send for circular.

PENNINGTON Seminary still offers superior advantages to ladies and gentlemen. No extras except in Ornamental Department. Fall term of 26th year begins Sept. 6. For catalogues address J. A. Dilks, A. M., Pennington, N. J.

RYE SEMINARY, RYE, N. Y. Next session will commence Sept. 13. For particulars apply to the Principal, Mrs. S. J. LIFE.

TEACHERS WANTED for Autumn vacancies in Schools and Academies; *Mutual Introducing Plan* in every State; salaries, $400 to $2,500. For particulars address "AMER. EDUCATIONAL UNION," 737 Broadway, N. Y.

UNIVERSITY of Pennsylvania, Faculties of Arts and of Science. Examination for admission, Sept. 10th, 11th, and 13th. For Circulars write to FRANCIS A. JACKSON, Secretary Faculty of Arts, Germantown, Phila.

Miscellaneous.

BOARDING SCHOOL WANTED, for a boy and girl under 10 years. State all conditions and charges, and no extras. Address H. M., S. W., Box 75, Station A.

UNITED STATES SCHOOL AND COLLEGE DIRECTORY. A book of nearly 200 pages, compiled expressly as a guide to all parents and guardians in selecting a school. It contains a complete list of all the Schools and Colleges in the United States; information in regard to places wherein the schools are located, the climate, railroad facilities, &c.; also a special description of the most desirable institutions of learning. Sent free upon application. (Postage six cents.) T. COTESWORTH PINCKNEY, Bureau of School Advertising and Information, Domestic Building, corner Broadway and 14th-st., New-York City. Pamphlets of the leading Seminaries and Academies, both city and country, can also be obtained, free of expense, by calling at the Directory Office, as above, in Union square.

Law Schools.

LAW SCHOOL OF THE UNIVERSITY OF THE CITY OF NEW-YORK.—Nineteenth annual session begins Oct. 4, 1875. Students have free access to the law collections of the school and the Astor Library and to all lectures of the Medical College. For circulars, &c., apply to W. R. MARTIN, 141 Broadway, or D. R. JAQUES, Secretary, 25 Chambers-st.

Teachers.

A FRENCH LADY, experienced in teaching, wishes a position in a school; speaks English and Spanish fluently. Address MELVILLE, Tribune Branch Office, Brooklyn, N. Y.

A YOUNG LADY, graduate of the public schools, and holding a first-class diploma, desires an ENGAGEMENT to teach the English branches. Address W. G., Box 125, Tribune Office.

A LADY graduate and teacher of the best schools of Massachusetts, wishes a position as INSTRUCTOR. The highest references will be furnished. Address ALPHA, Tribune Office.

A GRADUATE of the Scientific School of Yale desires a position as ASSISTANT in an academy to teach Mathematics and Natural Philosophy; highest references. Address C. E., Box 455, Norwich, Conn.

A LADY TEACHER of languages, who speaks the English, German, and French languages fluently, desires a position as instructor in a school or private family in the city or country. Address Dr. T. FRIEDEL, 129 Norfolk-st., New-York City.

A AGENCY for SCHOOLS and TEACHERS, No. 67 West 35th-st.—Mrs. ALMA E. MITCHELL, diplomée (Paris and Berlin), recommends competent gentleman or lady teachers for all departments, including English branches, languages, music, drawing, and Kindergarten. Information given of good schools.

FRENCH LESSONS.—Prof. J. DANIELS, from Paris, will give lessons until Oct. 1, at reduced rates; ten years' experience as teacher; references to first families; lessons at his own room or pupils' residence. Address 14 West 27th-st., opposite Coleman House.

WANTED—A French Protestant lady to assist in establishing a "French and English Boarding-school for Young Ladies" on the Hudson. Address P. O. Box 754, Peekskill.

Machinery.

Established 1821.
THOMAS T. TASKER, JR. STEPHEN P. M. TASKER.
MORRIS, TASKER & Co. PASCAL IRON WORKS, PHILADELPHIA. TASKER IRON WORKS, NEW CASTLE, DELAWARE. Office, Fifth and Tasker-sts., Philadelphia. Office and Warehouse, No. 15 Gold-st., New-York. Office and Warehouse, No. 36 Oliver-st., Boston. Manufacturers of Wrought Iron Welded Tubes, plain, galvanized, and *rubber coated*, for gas, steam, and water. LAP-WELDED CHARCOAL IRON BOILER TUBES. OIL WELL TUBING AND CASING. GAS AND STEAM FITTINGS, BRASS VALVES AND COCKS. GAS AND STEAM FITTERS' TOOLS. CAST IRON GAS AND WATER PIPE. STREET LAMP POSTS AND LANTERNS. IMPROVED COAL GAS APPARATUS, &c. IMPROVED SUGAR MACHINERY, &c. WE WOULD CALL SPECIAL ATTENTION TO OUR PATENT VULCANIZED RUBBER-COATED TUBE.

Miscellaneous

LEICESTER SHEEP FOR SALE—A flock of 12 pure blooded sheep, from imported stock; terms favorable. Address or apply to J. S. SHEPHERD, 66 South-st., New-York.

Ice Cream.

HORTON'S ICE CREAM AND WATER ICES. $1 20 PER GALLON; CHURCH FESTIVALS and FAIRS, 25c. PER QUART. Discount made on large orders. Families, Boarding Houses, Parties, Churches, etc., promptly supplied. Depots, 305 Fourth-ave. and 1,264 Broadway.

Proposals.

OFFICE TROY AND GREENFIELD R. R. AND HOOSAC TUNNEL, GREENFIELD, July 16, 1875.

NOTICE TO CONTRACTORS.—Proposals will be received at this office for the MASONRY, GRADING, and completing of the Troy and Greenfield Railroad between Hardwell's Ferry and Greenfield, a distance of about eight miles.

Plans, profiles, and estimates may be obtained at this office from and after July 27 until August 9, and all bids must be returned on or before 12 o'clock m. of the 9th August next.

The right to reject any and all bids will be reserved.

J. PRESCOTT, Manager in behalf of Commonwealth of Massachusetts.

OFFICE OF ADMINISTRATOR OF WATER WORKS AND PUBLIC BUILDINGS, NEW-ORLEANS, June 20, 1875.

SEALED PROPOSALS will be received at the office of the undersigned until the 18th day of August, 1875, at 12 m., for the LEASE of the CITY WATER WORKS and ACCOMPANYING FRANCHISES, in conformity with Ordinance No. 3,143 A. S., adopted on the 15th of June, 1875. Parties desiring copies of the ordinance in pamphlet can be supplied by addressing

LEON BERTOLL, Administrator of Water Works and Public Buildings, Room No. 23 City Hall, New-Orleans, La.

Legal Notices.

N. Y. SUPREME COURT.—JAMES D. WATTLES and RUFUS WATTLES, Plaintiffs, against HENRY L. SCRANTON, Defendant.—Summons for money demand on contract.—(Com. not ser.)—To the defendant above named: You are hereby summoned and required to answer the complaint in this action, which will be filed in the office of the Clerk of the City and County of New-York, at the County Court-House, New-York, and to serve a copy of your answer to said complaint on the subscriber at his office number seven (7) Nassau-street, in the City of New-York, within twenty days after the service of this summons on you, exclusive of the day of such service; and if you fail to answer the said complaint within the time aforesaid, the plaintiffs in this action will take judgment against you for the sum of two hundred and thirty-six dollars, with interest from the fifth day of June, one thousand eight hundred and seventy-five, besides the costs of this action. Dated New-York, July 23, 1875.

EDWARD F. BROWN, Plaintiffs' Attorney, 7 Nassau-st.

The complaint in the above entitled action was this day duly filed in the office of the Clerk of the above-named Court, at the Court-house in the City of New-York. Dated New-York, July 31, 1875. EDWARD F. BROWN, Plaintiffs' Attorney. Au2 1w6wM

Corporation Notices.

FOR PLACING Propeller WM. F. HAVEMEYER on Dry Dock.—SEALED PROPOSALS will be received by the Fire Department until 10 o'clock a. m. Aug. 4, 1875, for placing the propeller William F. Havemeyer on Dry Dock. For particulars, see The City Record. Copies for sale at No. 2 City Hall.

FOR PAVING THIRD-AVE.—SEALED PROPOSALS will be received by the Department of Public Parks until 9:30 o'clock a. m., August 4, 1875, for regulating and paving Third-ave. with Belgian or trap-rock pavement. For particulars see The City Record. Copies for sale at No. 2 City Hall.

DEPARTMENT OF PUBLIC WORKS, COMMISSIONER'S OFFICE, ROOM 19, CITY HALL, NEW-YORK, July 16, 1875.

PUBLIC NOTICE is hereby given that a petition of the property owners, with maps and plan, for the change of grade in 52d-st., from 11th to 12th-aves., is now pending before the Common Council. All persons interested in the above-mentioned change of grade, and having objections thereto, are requested to present the same, in writing, to the undersigned, at the office, on or before the 28th instant.

FITZ-JOHN PORTER, Commissioner of Public Works.

SALE OF SOUTHDOWN LAMBS.—The Department of Public Parks will sell, at public auction, SOUTHDOWN LAMBS, Aug. 11, 1875. For particulars see "City Record." Copies for sale at No. 2 City Hall.

SEALED PROPOSALS for furnishing 1,000 tons of White Ash grate size COAL will be received at the office of the Department of Docks until 11 o'clock a. m. of WEDNESDAY, Aug. 11, 1875. For full information see "The City Record." Copies for sale at No. 2 City Hall.

SEALED PROPOSALS for making repairs to the Pier foot 37th-st., East River, will be received at the office of the Department of Docks until 11 o'clock a. m. of TUESDAY, August 11, 1875. For full information see The City Record. Copies for sale at No. 2 City Hall.

Sales by Auction.

AUCTION SALE.—NOTICE.—By virtue of a chattel mortgage, dated Nov. 27, 1874, I will expose to sale and sell at public vendue, to the highest bidder, for cash, on SATURDAY, the 28th day of August, 1875, at 11 o'clock in the forenoon, through F. HERMAN, Auctioneer, at the office of Messrs. J. F. TROW & CO., No. 15 Vandewater-st., New-York City, the following described personal property embraced in said mortgage, and situate with the said J. F. TROW & CO., No. 15 Vandewater-st., in the City, County, and State of New-York, being the copyrights, plates, electrotypes, dies, stamps for binding, circular and instruction plates, and every right and thing of whatsoever nature or name pertaining to the manufacturing and publishing of the book entitled "Literature, Art and Song," and the steel plate entitled "The Happy Return;" also a book entitled "The Art of Money-Making" and a steel plate entitled "Wyoming," together with the copyrights of the same, and all the plates, electrotypes, dies, stamps for binding, circular and instruction plates, and every right and thing of whatsoever name and nature pertaining to the manufacture and publishing of said books and pictures, or either of them.—Dated New-York, July 28, 1875. WILLIAM H. CARROLL, Attorney for Mortgagees.

A. MERWIN, Auctioneer.

BY BANGS, MERWIN & Co., 656 Broadway, near Bond-st.—Sales of Books, Works of Art, Fancy Goods, &c.

To Whom it may Concern.

TO WHOM IT MAY CONCERN.—Notice is hereby given that on the 23d day of November, 1875, the undersigned did purchase, in the City of London, the then existing patents taken out by Frederick Ransome for the manufacture of artificial stone in the United States, including any future patents that may be obtained in said States, for the purpose of securing to him in said States the exclusive manufacture of said patent concrete stone, and any infringements on said purchased rights will be proceeded against according to law. G. S. NORRIS. Baltimore, July 27, 1875.

Marble and Slate Mantels.

CASONI & ISOLA, STEAM MARBLE and GRANITE WORKS, 146 to 152 West 40th-st., near Broadway. Monuments, Mantels, Altars, Figures, Tiling, Wainscoting, &c. Importers from and manufacturers in Italy of marble work of every description.

W. D. & A. S. NICHOLS.—Marble, Slate and Wood MANTELS, new designs, prices very low; also manufacturers of Iron Crestings, Stable Fixtures, Copper Vanes and Finials. 73 Hudson-st., opposite Worth.

Ocean Steamers.

ANCHOR LINE—CARRYING U. S. MAILS NEW-YORK AND GLASGOW.
UTOPIA.....Sails SATURDAY, Aug. 7, 9 a. m.
ETHIOPIA.....Sails SATURDAY, Aug. 14, 2 p. m.
TO GLASGOW, LIVERPOOL, OR LONDONDERRY:
CABIN PASSAGE.....$65, $75 and $80 currency.
Intermediate and Steerage at lowest rates.
Company's Offices, 7 Bowling-green.
HENDERSON BROTHERS, Agents.

FOR LIVERPOOL, (VIA QUEENSTOWN,) CARRYING THE U. S. MAILS, TUESDAY, LEAVING PIER No. 46, N. R. As follows:
NEVADA.....Aug. 3, at 3 p. m.
DAKOTA.....Aug. 10, at 12 m.
WISCONSIN.....Aug. 17, at 3:00 p. m.
WYOMING.....Aug. 24, at 11 a. m.
IDAHO.....Aug. 31, at 3:00 p. m.
MONTANA.....Sept. 7, at 10 a. m.
For Steerage and Intermediate tickets, at current rates, apply at No. 29 Broadway. For Cabin passage, at $80 or $65 gold (according to stateroom), apply at No. 63 Wall-st.
WILLIAMS & GUION.

GREAT WESTERN STEAMSHIP LINE. NEW-YORK TO BRISTOL (ENG.)—DIRECT. Taking goods and passengers for London, Cardiff, Newport, Gloucester, and all ports in Bristol Channel. The steamers of this Line will sail from Pier 18, East River, as follows:
CORNWALL, Stamper.....SATURDAY, Aug. 7
GREAT WESTERN, Windham.....SATURDAY, Aug. 14
Cabin Passage, $70 currency; Intermediate, $45 currency; Steerage, $30 currency. Parties wishing to send for their friends can obtain prepaid Certificates. Drafts for £1 and upward. For freight or passage, apply to W. D. MORGAN, Agent, No. 70 South-st., New-York.

INMAN LINE.—Fixed Southerly Course. Royal Mail Steamers are appointed to sail as follows: FOR QUEENSTOWN AND LIVERPOOL.
CITY OF BROOKLYN.....SATURDAY, Aug. 7, at 9 a. m.
*CITY OF CHESTER.....SATURDAY, Aug. 14, at 2 p. m.
CITY OF MONTREAL.....SATURDAY, Aug. 21, at 8 a. m.
*CITY OF BERLIN.....SATURDAY, Aug. 28, at 2 p. m.
*CITY OF RICHMOND.....SATURDAY, Sept. 4, at 8 a. m.
and each succeeding Saturday from Pier 45, N. R.
RATES OF PASSAGE.
CABIN, $60, $80, and $100, gold. Steamers marked * have no $60 accommodation.
STEERAGE, $28 currency. Drafts issued at lowest rates. For Cabin Passage and general business apply at the Company's office, No. 15 Broadway. For Steerage Passage at No 53 Broadway; or Pier 45, N. R.
JOHN G. DALE, Agent.

NEW-YORK AND HAVANA DIRECT MAIL LINE. These first-class steamships will sail at 3 p. m., from Pier 13 North River, (foot of Cedar-st.,) for HAVANA, direct, as follows:
Steamship COLUMBUS.....TUESDAY, Aug. 10
Steamship CRESCENT CITY.....THURSDAY, Aug. 19
For freight or passage (having unsurpassed accommodations) apply to WM. P. CLYDE & CO., 6 Bowling-green. McKELLAR, LULING & CO., Agents in Havana.

NORTH GERMAN LLOYD STEAMSHIP LINE BETWEEN NEW-YORK, SOUTHAMPTON AND BREMEN. COMPANY'S PIER, foot of SECOND-ST., HOBOKEN.
RHEIN.....Aug. 7 | NECKAR.....Aug. 21
ODER.....Aug. 14 | MOSEL.....Aug. 28
RATES OF PASSAGE from NEW-YORK to SOUTHAMPTON, HAVRE OR BREMEN:
FIRST CABIN, $100 gold. SECOND CABIN, $60 gold.
STEERAGE, $30 currency.
Return Tickets at reduced rates. Prepaid Steerage Certificates, $32 currency.
For freight or passage, apply to OELRICHS & Co., 2 Bowling-green.

NATIONAL LINE. From Piers 44 and 47, North River. FOR LONDON DIRECT. GREECE, Thursday, Aug. 5, 8 a. m. FOR QUEENSTOWN AND LIVERPOOL.
EGYPT.....Aug. 7, 9 a. m. | SPAIN.....Aug. 21, 8 a. m.
THE QUEEN, Aug. 14, 3 p. m. | ERIN.....Aug. 28, 3 p. m.
Cabin Passage, $70 and $80, currency. Steerage at greatly reduced prices. Return tickets at reduced rates. Prepaid Steerage Tickets from Liverpool at the lowest rates. Apply at the Company's Office, No. 69 Broadway.
F. W. J. HURST, Manager.

New-York, Havana & Mexican Mail S. S. Line. Steamers leave Pier 3, North River, at 3 p. m., as follows: FOR HAVANA DIRECT:
CITY OF MERIDA.....TUESDAY, Aug. 3
CITY OF VERA CRUZ.....THURSDAY, Aug. 5
CITY OF NEW-YORK.....THURSDAY, Aug. 12
FOR VERA CRUZ AND NEW-ORLEANS, calling at Havana, Progreso, Campeachy, Tuxpan, and Tampico:
CITY OF MERIDA.....TUESDAY, Aug. 3
For freight or passage, apply to P. ALEXANDRE & SONS, Nos. 31 and 33 Broadway. Steamers will leave New-Orleans Aug. 7 and Aug. 28 for Vera Cruz and all the above ports.

ONLY DIRECT LINE TO FRANCE.—THE GENERAL TRANSATLANTIC COMPANY'S MAIL STEAMERS BETWEEN NEW-YORK AND HAVRE: The splendid vessels on this favorite route for the Continent (being more southerly than any other) will sail from Pier No. 50, North River, as follows:
*PEREIRE, Depre.....SATURDAY, Aug. 7
FRANCE, Trudelle.....Saturday, Aug. 21
*VILLE DE PARIS.....SATURDAY, Sept. 4
PRICE OF PASSAGE IN GOLD (including wine). First Cabin, $120 and $110, according to accommodation; second cabin, $72; third, 40. Return tickets at reduced rates. Steerage, $26, with superior accommodation, including all necessaries without extra charge. Steamers marked thus (*) do not carry steerage passengers.
GEO. MACKENZIE, Agent, No. 55 Broadway.

PACIFIC MAIL S. S. LINE. FOR CALIFORNIA, JAPAN, and CHINA. Sailing from Pier 42, North River. FOR ASPINWALL: COLON, Aug. 14, at 12 m. Connecting for all Central American and Pacific ports. Excursion Tickets to the Chilian Exposition and Return, good till March, 1876, $351, gold. Outward Tickets only $221, gold. FROM SAN FRANCISCO, for JAPAN and CHINA: CITY OF PEKING, Sept. 1. For freight or passage, apply at Pier 42, North River. H. J. BULLAY, Superintendent.

RED STAR LINE.—Appointed to carry the Belgian and United States Mails. The following steamers are appointed to sail. FOR ANTWERP.

From Philadelphia.	From New-York.
NEDERLAND.....July 31	STATE OF NEVADA. Aug. 13
VADERLAND.....Aug. 25	SWITZERLAND.....Sept. 6

FROM ANTWERP.

For Philadelphia.	For New-York.
VADERLAND.....Aug. 1	SWITZERLAND.....Aug. 13
NEDERLAND.....Aug. 25	STATE OF NEVADA. Sept. 6

PRICES OF PASSAGE IN CURRENCY. First cabin.....$60 | Second cabin.....$60. Steerage tickets to and from all points at the lowest rates. Passenger accommodation for all classes unsurpassed. For passage, rates of freight and other information, apply to GEO. W. COLTON, Agent, 42 Broad-st. JOHN McDONALD, Passenger Agent, 8 Battery place, New-York. PETER WRIGHT & SONS, Gen'l Agts., 307 Walnut-st., Phila. B. VONDER BECKE, General European Agent, Antwerp.

STATE LINE. NEW-YORK TO GLASGOW, LIVERPOOL, DUBLIN, BELFAST, AND LONDONDERRY. These first-class full-powered steamers will sail from Company's Pier, No. 36, North River, as follow:
STATE OF PENNSYLVANIA.....Wednesday, Aug. 11
STATE OF INDIANA.....Wednesday, Aug. 25
STATE OF GEORGIA.....Wednesday, Sept. 8
And EVERY WEDNESDAY thereafter. First Cabin, $70, $80, and $90; Return Tickets, $140. Second Cabin Passage, $50. Return Tickets, $90. Steerage at lowest rates. Apply to AUSTIN BALDWIN & Co., Agents, 72 Broadway, N. Y. STEERAGE OFFICE, NO. 45 BROADWAY.

WHITE STAR LINE. FOR QUEENSTOWN AND LIVERPOOL, CARRYING THE UNITED STATES MAIL. NEW AND FULL-POWERED STEAMSHIPS. Sailing from New-York on SATURDAYS, from Liverpool on THURSDAYS, calling at Cork Harbor each way.
BRITANNIC, SATURDAY, Aug. 7, at 9 a. m.
GERMANIC, SATURDAY, Aug. 14, at 3 p. m.
ADRIATIC, SATURDAY, Aug. 21, at 8 a. m.
BALTIC, SATURDAY, Aug. 28, at 3:00 p. m.
REPUBLIC, SATURDAY, Sept. 4, at 3 p. m.
FROM THE WHITE STAR DOCK, PIER 52, NORTH RIVER. These Ste