Papers, Jan - July 1864

W. B. ROGERS

23 / hy fatin This Botton Sverely of hatural Kustory having conflicted their here building on the warth Bay land granted them for that purpose on the Back bay have hansferred their operations to that place and are now arranging their museum in the ample Hale, provided for its reception. a pesh infulse has been given to the labours of the Society by these volumeir and lippymale accommodation, and much De benefit may be expeded to public education from The large & growing Collections of the Society than altredies Auflager,

The Map, hot, of Lecht Noty having Conflict with the Conditions of the act allotting to its use a hopefore of the Dane and her Conserced the and a Conserced the cudent of a bruiding the lundred fifty feel within by the hundred feet have birds midwey on the Space apigned to the aproceation & the Loci of hat History, This building designed especially for the a commodition of the School of Bedushert Ocience listi lefford space also for the Museum of aut, of manufacture, with it there be found expedient to hovedi for the latter a separate edifice to be erected at the western and of the appeared space in Consportence litt the nat: Hesting building Completed at the other extremely, The Institute has farmely accepted the act of the definition aprigaines to it, use a porter of the passage fund accounty from the Congress well grant of public lands - for the benefit of Schools of agreetting It Trechanillety. Bender ets Oferations as a Rocing Unto begun last year I now hi sucafifue property the Intitute is preparesing to Open done of its Debook Courses of practical the smokes & to begin the engineer for the harfund to the way of the total the

The believe Contribution what it her rece The large food is both Which De munfait help Coshelshie; what has The muspe that to be the the the fold of t of practical admostration - I think for it Wentething the feel Corcuttor of to foresefts that they blends with the petition the length of bulue enter on the title? of the Statet a fortest the Karring for a county

Sany, Bay ?. A. Soc. it. A. Soc. it. Sur. s. Mylage. 3. 18114

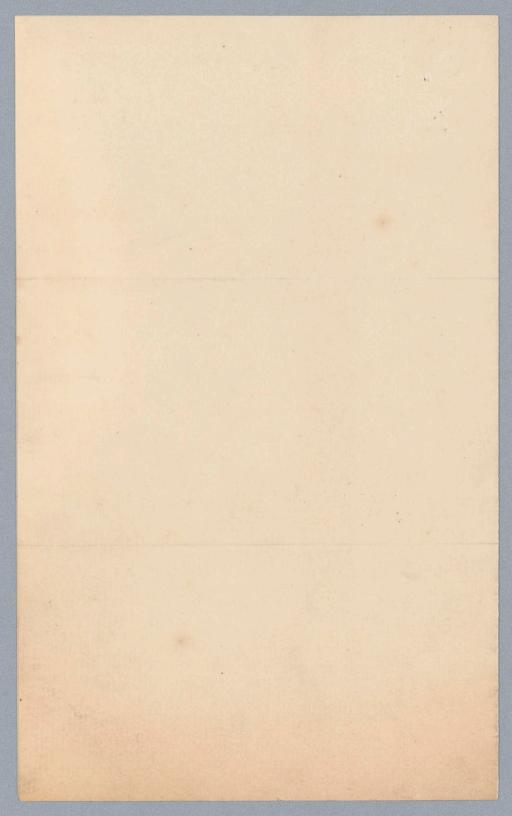
Office of the Boston Gas-Light Company, WEST STREET, BOSTON, gar 25 1864. My dras Sic, a runor how realist one this morning that you propose & usign you position as Inhector

I must convertly hope that their in not the case - and that I have the sixted & jointappe in rued for provided you have duck a this in contemplation

With much regard. None to you

of han de

Ille Kennyles Orf. Roger



778 Parf M. B. Ropers they dear hi. obliged to you for this very Kind and complementary letter you work to how Junne - behalf of my brotten. Nothing emla have been suice many appropriate, or mon from-able to my brothers interests; I rheall take great plearmen huis. With many trantes very truly

1. Tenfa place X Bistin Febr. 1. 1864

Dear Sir. I herewith on close a Copy of the proceedings of the Institute Jechnology act modeding your late general offer and for the subject has since been referred to the gov' with The request that steps he taken as early as possible to raise the additional sum needed to give effect to your liberality. Permit me to day that this new mark of your confidence & Synfathy in one plans is deeply gratefying to me personally as well as to the gove & ale the presion of the Institute. Be apure I wile sumulate Our zeal while it Thengthen,

on hand for the good work to which he are engaged.

la have how under Consideration a detailed plan In the several departments of The School of In dustrice Survey Which When degester I shale be glad to submit to you. Auti entrace, herdes Drawing & Design as afflice to the practical arts, tourses On applied Mathematies -I moustuil Paydies Chemistry & Judogy, Panging from The Imple elements through Sta Duccessive Studies & laboratory & other exerces proper for the Education

of the mechanical Engineer, the builder & architect, Ste Civil Engeneer, Ste Worker si Chemical arts & the metallengist & moning ingenen. The more elementary spopular Instruction will be given in part by lectures hi the evening, which he hope to See largely attended by boothness Clerks & Others of both sones who cannot altered by day or who could not devote themselves to Systematics Clafs- room Studies or mercines hi the Saborday, The Jane advances Thudier, intracing a Confrehersenie Course of mach cal matternaling words toli assi to genie a Solid education in the practical Science of Constructions manufactures & like other

professie Manny Mades, boti le qui a Continuero Systemetic course of lefflication. By this horfold plan - her to onfit to large hunders among It howship Claps to love; provides the fact sury bout to the they are some Linger the leading shutpi primates of the Arts as we It I as time that a class of students files for the to take Chan whate prepare Change of It barres departety of manfaction the manufaction of Construction hoto,

25 gilo Walder.

449 Strand London 4 Febr 64 Enclosed I send you a bill for apparatus ordered by Professo W. D. Theogues of Boston which will leave for their dersination by next mail. The same are securily packed in Trimed care and will be directed to the agents al Liverpool

Men - Dol. M' Iver. I have to write to Trafena Rogers a letter about some other apples while will take me some little time, so that I will thank you to mention, that should you write earlier, that the long delay is swing to the difficulty of fromming fine preces

of Rochsalt.

I am Sir

your abeliet see to

Estecker

pro Ellist Bros.

Inferrar Rogers

For Ellet ABS! 449 Shand Lown about Beeken apparatus so he will of sound med more. you the meet 20 alreads to you this meet sutuated . I think he will while he accomplished the journal men Joan Hang Hold anglaise, hunder I have just received a lette

Amber & Stat Soc New york Feb 4. 1864. Wm B. Rogers Den Sir, ago the said that your parcel came to New york & was by the bustom house returned to London, it having been adversed to a party there, that said parcel was received by your brother in London from his (Somon Stevens) brothers hands I what he did with it he does not know. The Society would very respectfully request if you would take the trouble to procure for them the following works to keep in our Sebrary and as we have the preceding hos we would be pleased to keep up the chain wigh (all appertaining to your State)
"Public Documents" since Vol 2 1859 Industry of Massachusetts since 1800 "Agriculture of Massachusetts" since 1867, "2". series Mass State Record" since Vol V 1851. "Mass Acts & Resolves" since 1859 Report of the Bourd of Education "wanted for 1843 Registration Report Mass the last we have is the 18th 1809. We have only "abstract of the Mass School Returns" for 1845-6. I we have no statutes of Massachusetts whatever or any of the valuable and interesting documents showing the part your state you has taken in the present was or of Tovernor Indiens cornes = frondence Vacts in relation thereto. If you can ard us in our wishes to place on our shelves the

above or any works whatever of interest especially of the Geology of your state we will appreciate it. Your Frage Mudie blerk J. music

Office of the Boston Gas-Light Company,

Out. UM. Rogen. Des Sie,

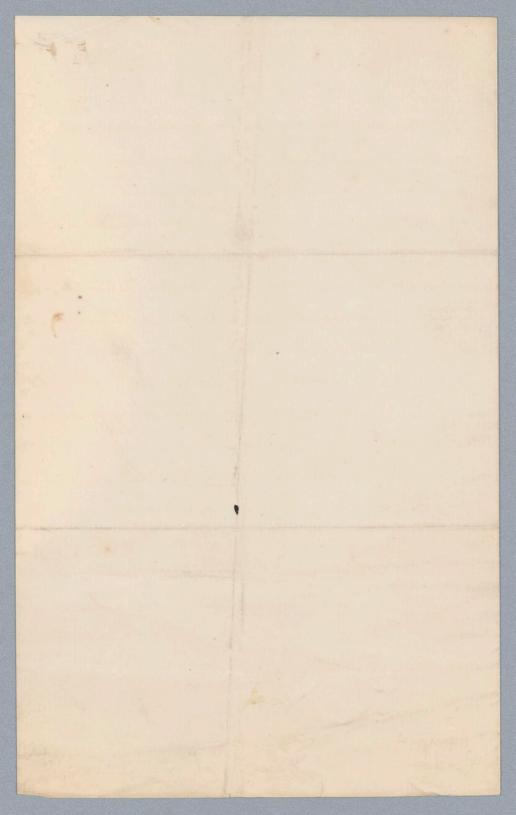
or der fruited in the morning papers as having parsed the Board of adderare yesterday.

any fact not now in your passession, relative to the result of our processes of manufacture, and of distribution, are fruly or your service your very tof,

Why work



that are open increased with the land of the high transfer with the day of the world the world the second



Mac of as Anspedies Boles Feb. M. 1864 W. W. Greenengt By. Dear Sir. Odane red your Juste of the 9th ms! placing at my dispisal why facts hat how ni my hopefores Waterie to your processes of manufaction I distubution of fas, and shele hat hesitate to avail myself of your Offer Whenever a proper occasion arises.

Ca they fust therview both for the pentioned my long Cherister purpose of resigning the Office of the spector of fees of meters the service of I have how die A home Sout my forte I dem sent by rengeria. heeles that it has the longer Cappelle with By K- my with with defend her her All 12 3 the the I hathe better to

Anci merlunny to you by long - Cherester purpose of resigner; The Office of The sheets of the thelers I done sent hi My serynatur, feeling et to be inconfette hat the safety y my healt I a proper ferre ~ 7 the duties of the Office to Ween of longer, hall hert bed, hythey John W. B. M.

To Mild greenongs

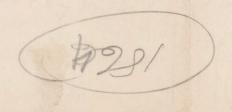
1. Imper place Boston Febr. 10. 64 Dear Madam. It- guis me pleasure to convey to you the accompanying volog thanks of the Institute of Technology, and to add that as son as one museum is fitted for the reception of Such articles her shale be glad to take charge of them I four than an affreprite place. Massersie of quite Convenient to you

we show prefer your

relaining those of but of otherwise her can find from as-once, and and on the can and the can and the can and the can are the

Todys T Janus

To Bry & Themis Von y Arthut.



Office of the Boston Gas-Light Company, west street, boston,

Fly (gt 1864.

My dear Sir.

8

Since mutining the fact to you this morning of the freezery who of one worshow yesterday, it has a course of me to suggest to you that it must be will to test the punty of the sen when it beares one werter - and the outsignetty on the Same day at your office. I have a surpriain that wal gas in distribution recein chemmel change from cortest with metals, in particularly after it letter house, which introduce impunities not developed by any of the word test of the works.

agons my truly.

Part. Rogen -

W. Genoups

nongh

Report to Mayor of
Alderna a the
Anality the Boston,
San for Fely. 1864,

Shared 2. 1864,

Share the Biand 3",

by the hands y F. E.S.,

Frederick Stimpson.

Improved apparatus for determining the amount of Sulphen Kontained in Coel gus. Exa The arrangements germally used for this fruitor all the arrangements he has for the purpose agree to on ale It ar: - the gur is burns we a frame fund Connecte little a Luligs Conderson og Im equalent affants, Ithe intended to Collect the products of the Conhester he le hand State to at A the In the gas from gove use to Sulphura, to, hall as Dulphunic aced , whom the and then to forten of these products being a fame of the order of about by the grown quenter below les it brickles along the tuck a compatible for the total of the Sulphon at a could that the fit has he found heafs my for addit to the several Indute to is widet that the process the former to the legion the Whole of the Sulfler of the legion of the begins he the flas what her her Consumed -The top To prevent the loft, annow withtroom the the fund - which by loshe; with the Sulphun, acus Seaus their ready Condenses L' the losted bute of the control their lister lette for I the Welestein by the livelen as it accumlates his the leaving hefsel,

Buyla - +864 Baryter = 76.6 } Super = 116.6 Sulphum a = 32) Sulphite = 108,6 Suffer all the Sulphin to be affected in Sulphite of Barglio while could not have a whom the bruto he and he had been to the whole 1= 2 the of 108, 16 to 110, 7 Miles 6, 86 py cont. 116.61/8.000 (1.0685 in my reng 6 3/3/2 at, suffers and servette the little 15 they 50 -15 en houted will be life 15 2 p. col , 15 Whom which is and some detern? is with the limes of the Orins of Obten. Tipe to arate of the burning entitles by I he

[March 2, 1864]

Informed Offerder for alderne; the and of Sulphen hi Museumel, for by Conbustici -Smith arrange to bethete and for the purpose In the arrange at greatly used for this purpose, the gas is burned tinder a Makino puntel Contected at lolonseded about the Control tule of a Seely, Condenson, and annowing in Sufflind for a Cut or both fear bege agua amontifled has a the fer burn to septe Suffer is when that to defly grown Common, to Coal with the Sulphing Sulphoni bais to decen the form to from the sect of July home, and I to learn tothe the beautie the tradent genting Julle privily of the Cabel Sulflete of annon: Which is alfel to the the light letter to the the water the Rolentes with Teering

1. W. Opef for promis 2 vol. Com. 1 ... Com. 1 ... Com. 1 ... Com. Seff Olej' = b f. c'. who. 12 must fin / / / / / / 6 That is a formy the Book, for her from In be that the 2 m 3 for all produce the for son hat heterity and to the thementy expects when the trinery to the from the first from the hill ferry is helper of aller in their ligited that by the

The of further 323 West, St.

To the Hon nable. Mayor and Aldermen

y the City of Boston.

Gentlemen.

In Compliance with the request Implied hi your order of the 8th alt. Communicated to me on the 12th , and in confirmity with the Law relating to the mspection of gas which prescribes, (sect 10), that "Whenever requested " by the Mayor and aldermen of any City or the " Select men of any town the Inspector shall " report to them Whether the Gas supplied to the " respective City on town is of the legal standard, n and celse whether its is sufficiently well " purified from Sulphuretted by Trogen Ammonies " and Carbonic aced", - I present the following Report of the quality of the Gas furnished by the Boston que Light Company as determined by Observations made at the Office of the Inspection no 313 Washington Sheet, at various times diving the past month.

The Illuminating hower of the gas, as tested by the Photometer on a number of deferent days within this herod furnishes an average value of 16.28 Candles, that is, the amount of light produced by the gas when Consumed at the late of 5 cubic Lest her hour hi a standard argund burner of 15 holes and having a Chimney I medes high was equal to a mean of the Observations to the light of 16.28 Standard Candles each burning at the rate of 120 grains her hour. The bruest Candle hower observed was 14.85, the highest was 18.69, marken but with a shorter Chimney the former result was increased to more then 15 candles. It is hoper to add that the minimum shongth allowed by the Law for merchantable gas is twelve candles. lis collateral evidence of the degree of elluminating

hower, the volume of heavy hydro carbons, determined by the use of Bromenie in the absorption bute was bound to range from 5.03 to 8.56 her cent giving, an average of all the Observations, 6.68 for cent of the lent of the fad.

les to the Impurities in the gas, of was bound that the volume of Carbonie acid varied from 1.41 to 3.32 her cent, making an average of 2.73 per cent of the Whole bulk, an amount dufficient to make the illuminating power sensibly left than it-loveld tanksthants in the absence of this ingredient- been more How hashand had their ingredient- been more confletely removed. As harmanather Coal gas mi the act of burning generates a very lange bolume of Carbonic acid, in Love Cases
come concelling that the Whole bulk of the fus Consumed, the presence of this substance to trucke proportion ready personed in the far contraction and the Contraction of the Contractions appealing appealing appealing appealing affecting appealing appealing appealing appealing appealing a since the second appealing appealing appealing a since the second appealing a since t the Lunioneding air -The Sulphun Entressed In the fur to the form of Sulphunetted thy trops a Br- sulphid of Carbon - The for her hanging Simus to hace of Commerce her at any time present withe fas, where hithey respect maintained its Eustine, purity. For Invoice days towns the middle of the month Quephingster by troppen therew that higher for there the foresence of Julphenther they Trope he somethe amount but how the home others noticed to would its usual character of character of character of completion for

In regard to Sulphurettee Hydrogow the results have been less feworable. For several days in the early half of the month, the indication of this impa - rety were more considerable them in any previous observations time the commencement of the duplette Inice that time however the Jas has returned to its abuel almost entire exemption fram this higherent. as commonly happens the Julphur contained in the Gas was found to exist chiefly his the form of Bi- Leilphuret of Carlion, the removed of which is thee a problem in the purification of Gas. The whole abnount of Julphus Contained in the Gas, determined by lurning a large bolumo he the presence of prairie in 100 culio feet. In the British Suspection to gracing of Alphur to the 100 feel is the largest proportion allowed to purchanteelile Day, & conticlering the seally nortions character of this impurity it is talisfactory to know that were in its secent less purified condition the Boston Lad her fallen to much within this limit. I have the honor to remaine Jour obedient lervent late Inspolsas suctors & Gas.

March 26, 1864. To the President of the Mass Gust of Technology. DearSin Boston, in November last, I have visited, Spent some time in examining several institutions similar in character to our own, and perhaps a few facts connected with them may not be amiss at the prisent time, when our new building as In progress, and when every improvement adopted by others should certainly receive attention, before arriving at such a point in the construction as would render a change impossible or expensive. But, although I have found in each The main schools in England on the Continent, some spicial good points, yet there are prone, to far as I have get of served, which combine them all, each having some disadvantages which are to be avoided in Recking a model - those which are the best lighted, lacking wenterlation, perhaps, + some, although otherwise well arranged, are deficient in heating apparatus. Proposed to be compassed by the Mass. Inst of Technology are not exalethy those within the scope of any institution I have seen, very little kan therefore he learned from the general plan of their buildings, as applied to ours!

I think the South Kensington Museum the one which approaches meanest in chai-action to our own, as an institution, but not as their buildings, and, it is, I think, the one from which the most is to be learned, inadmuch as it is es-Sentially a modern institution, and through the indefatigable energy of Mr. Cole, the dieperintendant of the naisedin, who, is contin. nally making experiments with regard to the best methods of lighting, heating, ventilation, a great degree of perfection has been arrived at in the sterails of the building, which, although at first dight thing appear of murely secondary importance and in reality the things which give to the institution its good or bad character for the comfort of its occupants. ratus I have Reen is in this museum. The heating medium is water, the hort ers being places below ground in a huilding apart from the main doustruction. I Whey are his no number, whow the Lame principle as that adopted by the Boston Locy of Nat. Heistory, in their new huilding, they Venalling them to heat portrons of the building separately, or to hear the whole to a In that pant of the building which is divided into small Class- rooms, the water pipes which are of Cast now, traverse each room from one onther wall of the building to the other, no the space included between the floor of the Cerling of the room helow.

The groove thus formed for the reception of the water pipes, is provided with an irow Igreating, reddiring the level of the floor imbroken; and at each enot of this transversal space is an opening through the outer wall, provided with an irto shutter hung from the top, of the aperture may be leasure or increased for the ingress of attachment. In the main halls, which are on the ground floor, the principle of heating is the same. There are thenches traversing them, about three feet wide and eight fut deep which contain all their hot water heating-pipes, cold water y gas pikes, together with the air duets, which latter being intended for the introductron of the external air are provided with opening at intervals for its escape, o are supplies by a powerful fan worked by steam - power. This fait is used print Cipally in warm weather, for, ne winter, the are which is introduced through the Lame Channels, on account of the dury any acquired, attendant upon lits passage over the hot pipes, sufficiently accellerates the mentilation, & do away with the fan. dtill, it is a valuable autilian during the summer heats, a is found. I believe to be perfectly successful in its operation. The halls, which are high + covered with glazis roofs, are parovided with a large number of apertures con-Stantly open for the exist of the heated air. In addition & these are lowers," how ming the whole length of the halls, closed by small movable lashes which may be

regulated at the will of the attendant helow; they all being provided with a conparticipants in the theory of wentilation which is reduced in practice to letting the air get in as it can, and get out if it can; but they have on the contrary, theken very effective means to have a thorough circulation of the atmosphere, all the smaller nooms have likewise apertures of ample dimension for the efit of the foul air for illuminating the main halls during the evening, when the models &c. Therein contained are studied principally by the working classes, who are inable to quit their warrous occupatrows during daylight hours, is arranged in this way - Whit main pipe is bullpen. det at a distance of about ten feet below the Ceiling, in the form of a parallelthat of the hall. at intervals of a few inches the hurners are adapted to this pipe, and when lighted the illumina. thou of the hall is mery brilliant. The lops of the cases are of glass, thus throwing no Shadows upon the object con tained within, which are seen with perfect ease. They have also a most ingunious apparatus for lighting the gas at all these thurners, with practically no loss of time nor waste of gas. ming the whole langth of the hallo stood

One department of this institution is appropriated to the necession of objects of art & industry, the phroperty of individwals who prefer to place them here, where they may be a source of pleasure , profix to the public, to Kleep ing them in their own houses, carefully put away (as we know is flow the case) where they will be perfectly Rafe, in dank closels or uninhabited spare rooms other this collection is composed mostly of such objects as heautifully carried + carriete Calinets, Judel Cases . Spelendid Lets of China & Chit-glass ware, often of great value in an arcandelabra, lakestry te.te. These artreles do not become the property of the museum on heing placed here, but, after a certain length of two the depositor seldom fails & sud how much more real use they are in this position, & a donation generally ensues. who principle upon which this collection is formed appears to me a very, many objects of art there are, event in Boston, which are virtually "under a bushel" and which their owners would gladly place in a position for public inspection if such an opportunity existed. Connected with the hu-Seum is a large & valuable library, containing works on art, science i manufac. tures, hooks of reference, te. particularly

intended for the use of shudents, which it seems to me should not be overlooked in our Institute. A student makes far greater progress if the books of reference de may réquire au mear out hand, I can be had without loss of time but on the Contrary he feels his ander very tance to seek them. At Chalons sur Marne in France, is a school which, through the kindness of M. Clubre the Chief Engineer, I had the opportunity of examining very thoroughly. It differs from that in London, bt which I have just referred, in its being almost entirely devoted to the practical teach ing of young men, in mechanical pursuits, comparatively little time heing allowed for study; yet of its kind it is one most exthey are required to have served our apland, whow heing admitted, Continue to he ulstructed in the trade they have already entered upon. There is a large workshop occupied by those preparing them Delves for Carpenters, Joiners or particularly pattern makers; these young men furnish all the patterns required for the folindry, which occupies a separate building, thas it own class of Student - workmen who do all the labor required in every department of cast wow work, from charging the furmacis & making the moulds, to finishing up the Cashings. I would remark that purpels remain here for three years, every year a new class coming in a another graduating

To that in each department, the new class is assigned all the rudinientary work, while those who have already passed a year or two, do the more difficult portions, thus in the course of the three years each indimidual has learned every department of his trade. This is necessary, heeanse on graduating they are marly all capable of filling the position of master- workman, + this knowledge of all the details is wife course indispensable to them. Contiguous to the foundry is the forge. Shop. supplied with trip harmers, friges & wterial for the machine shop, which is the largest, t most important of the different departments of the school. It is on the ground floor, is about 300 feet long by 15 wide, well lighted by large winodown on lither side, and containing a great number of lather, planers, Steam drills, te, te for the Shudents' use; and they are all, together with the engine, their motive power, the product of these young mens industry, I whenever anything additional in the way of machinery is needed for the shop, they are called upon to furnish it. This institution is complete in itself. The workenin require nothing but the raw material; having their own pattern-makers, foundry, forge-shop and finally the machine shop, which lattin, taking the products of the two preceding, finishes them up o complete to the taker, thus producing a great murber of ma-Chines in the course of a year, which are Dold for the henefit of the School, or government.

The members of this school are chosen once a gran, from those present ing themselves for examination, as candidates. On adhission, they are dressed in miform, after having been pronounced of Lound constitution, t in good health, by the resident physician. Unce inlimits of the institution except on Lunday, when they go for in a body, for a walk, accompanied by their professors, I marching to the heat of the drive. They are also allower a mouth in summer, to visit their parents, which constitutes all the va-Cation allotter to them. During the day their time is divided in this way. they vise at fine a. m., study till half hast seven, breakfast, and commence two ? M. at eight which they continue till two? Mr. at this hour they dime, the meal occupying half an hour; From half past two till half past three, they are allowed to amuse themselves, at the end of which time they return to their work I continue till seven when they repair to their class rooms & study or draw butto nine P.M., which is the hour for retiring. This is the rule, writer or sum mer, of it seems to be rather ignoring the principlo, that " all work or no play makes fack a dull hoy; but it is in perfect ac-Ocordance with the strict distiplinary suptern of the trench government inshibutions_ in fact, M. aubie remarked to me after "These french fellows are gay thing mader, and we are obliged to keep them under

Street surveillance to insure their progress, but it wouldn't do with you americans " I thought so, too! in most of the german schools that I have visited are extremely primitive affairs, there being absolutely no arrange thento for mentilation, the seats being incomfortable, + the heating apparatus freplaced in the room. They are mosthours, by different Classes, of few pupils each on fact, so little attention is paid to the subject of mentilation, that a shudent in one of the schools remanked to me, that at the session of the third class when the room had already heen and during how hours, the witiation of the air was such as made the occupation of the apartment almost in tolerable, expecially to those water forging, the upper nows of henches. and this impardonable oversight occurs in a recently constructed hall! These remarks I apply, however, only to the gur. man schools which same under my observation; in Paris & England they being forovided with much finer & more comfortably arranged halls. The one, partie-Infavly, at the Ecolo des arts et metiers in Paris, is deserving of apricial notice, of which I shall speak hereafter and wentilation is certainly due of the first importance, for during a lecture, when all the attention should be concen-

trated on the speaker, how large a part of the discourse is lost upon the audience, by that mattention which is a certain Consequence of the bodily discomfort attendant upon a vitiated state of the air, or upon a too elevates deefnee of temperature! And during the summer heads why might not a sup. July of cooled air he introduced into a' lieture hall, in the same manner as in winter we supply that which is heated? This principle is, I think, carried into effect his some public hally in Europe, which I propose investigating before my veture. Our proposed have is certainly one of sufficient importance to gustify the adoption of all known improvements for the comfort of the audience + it is incumber whom as I think to make it a model due - at least for the Germany. Jours very bruty.

M.S. Freston. Intanty last the Essel dis intallier in quited galete gelians water

Boston, Apr. 4, 1864.

To the Editor of the N.Y. Evening Post.

Dear Sir:-

I have this moment read in your paper of Friday, Apr.1, an article headed"A proposed Institute of Technology", and finding the plan to be identical in every particular with that set forth in a pamphlet entitled "Objects and Plan of an Institute of Technology", issued in Boston in 1860, I beg to call the attention of your readers to the fact that such an Institute has already been organized in this city-that its Society of Arts has been in operation for the past two years and that the building for the accommodation of the School of Industrial Science and the Museum is now in process of erection.

l herewith send you the pamphlet referred to, of which copies were at the time sent to N. Y., and of which a part was reprinted with words of approval in the Report of the Cooper Institute of Jany. 1861. You will find an entire identity in the details of our plan, and those referred to in the article in your paper, extending to the peculiar titles of the Committees and Departments, and repeating the very language of the pamphlet.

The Mass. Institute of Technology will rejpice to welcome a sister Institute in New York, and cannot but be gratified at the reproduction in your city in such unchanged form of an educational plan in many respects new and which we feel proud to have originated.

William B. Rogers,
Pres. Mass. Inst. of Tech.

New York, April 11th, 1864

My dear Sir,

I published, as you have doubtless seen, your letter respecting the Institute of Technology, with some introductory remarks, the object of which was to cause proper credit to be given to you when the plan of the New York Institute should be printed.

I was surprised on looking over the pamphlet you sent me, at the perfect identity of the plan and the language used with those of the manuscript which had been put into my hands, and no longer wondered that the New York plan was so well drawn up. A German brought it to me-an artist. He said nothing of the authorship, but I knew, of course, that it was not his competition. I do not know what chance the project has of success, but shall not be surprised if it comes to nothing.

I am, dear sir, truly yours, W. C. Bryant.

1. Temple Mace Boton April 7. 18/4 Dear Sir. The death of the late Part, H. Rose having Caused a vacancy hi Section Itt y om For: Hon: mentons, the Council of the academy desires to consult the Opinions of the apoceale Fellows in the Name Section, before hominating a Succession. You will therefore blease let the Brow as early as popule, who world be your Choice for the place. Jos. H. Abht. En. Cor. Leo; An. Ac;

To merhany Let 1. LTT glicadery Ali 181, ty

Books belonging L. W. B. H. . left at the gas his. Office . during the dumme. May 1864 Cless or Cost fas. Jugati Jobas. Statan lumb - 1: W. Abel & Blower. Elevels of Physis Porillet Phis. ande. on Photogeni Orli. Regaculto Phe. 2 vols. Furner (Rogers'). far. Con; Menere. Kassleri Japles. Hugher. for books Bursen's far essety -2 vd. Eight for Louisie. lin: Sud. Journe. Bows in Chemista, Bredi

annere meeting of the Institute mordey hay 30 1814. 1. Secretario ordere, Recond des. 2. Report of hommity Con to Officers . L'alleter, thereis. The othe hussiels may his cen wither interruption by This 3. Secretary; Consual Report. 4. Treasurers Report. 5. Statement by the Presided hi Likely of the goo! of the worth done during the part goar - of the heart Cordina & buture prospects of 11- Inst. (a) - Succep & volue of the meetings of the Soc. of Parts. The good hegen? had hi Organising to Commiglests 161. new y a June. M. Ruskles Complete & robust Report. Intento to establish a monthly a 2 houtes nest year. for what her hem accumulated to stends (C) The additione rooms preparties for a booking museum. It the school of his. So. (d) Read parts of the Scope offer adopter by the goot for the School -Enlarge afor Rome points by long of caflehalich. Som g to pipe Bana; Courses, & to begin the regula of grans Course.

101 june 3. Prysser Rayons 1064 My dear in that the subject of Formpein is exciting at this moment considerable attention, of which are endex is found in a late article in the Lucarterly review, now capiel a Littelly Living age. I cannot but believe that the instrumentally of the noxions gases in the destruction of life on this oceasion, has been overraled & send you for distribution. if you think propor some for copies of a farment article a Phry wishing you a pleasant an hrospens voyage facole Bigelow

[5/30/1864]

Of is proposed to make a beginning hi both-the popula & the prefigure Objections of the Dehove: heat auturn, on by establish Lystante amons of Section, & clap was which ; for the hospit of the fine fubri -- + of shidely wishing to Commer al-Man 12 Tegula It years Comon, The Lecture What The mas des thought her frome p. whih to Come on Externate apper -

"Ce Come in Enfermetil of Offer Chemity a come in affli meller tis of the first factors 1 Steel Et Souls 1 frequence for which the flat

1. Evening Lectures

On Enfermental & Industrice

physics,

On Information & Industrice

Chesistry,

On Scology & Manning,

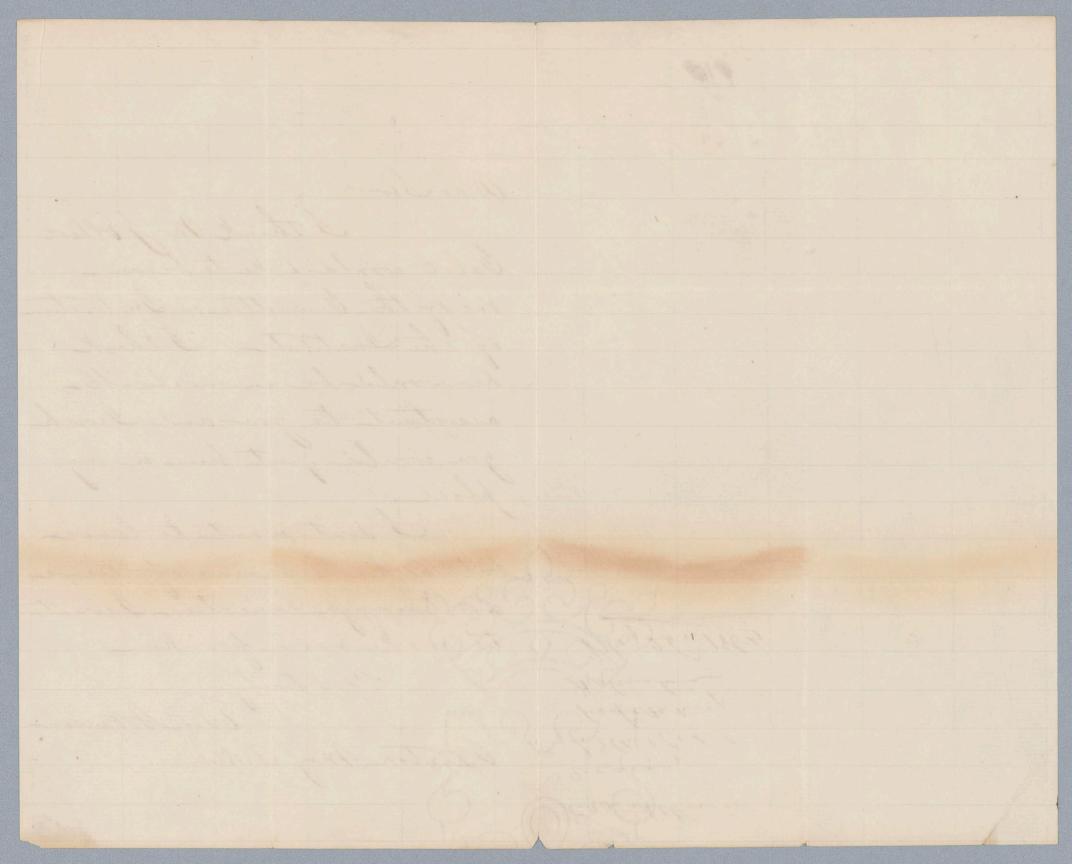
and

Evening Lepens on practice

On attendies -

II. Besides there general or popular Comes, it is especially described to Commerce the systematicipatefrick to commerce the systematicipatefrick towns of the Sohood, and have have the provision for Students who may describe to enter upon the Introductory or first years Course or upon the second years Course or upon the second years course or hopen that I arts of either - hi

Dear Sir I think Mr J Elliot Cabot would like to become one of the Committee on Instruction of the Institute I think he would be an invaluable assistant to you and Iwish you would fut him m my I don't want to leave but as he is a man of leisure and thorough education I want to make ovom for him Brother Edward Athinson Boston May 28.1864



Ero Alkersin recommendy. I. Eller Celet ful Comming Instruction Mey 26. 1863

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. A. M.

ald

got. For Gerlogy Mining s. 1. One roim on Specimes of · rocks der se & fulged! Thep se The town for The Lestine loom bu Physic; might he wow be clap in the Subject Inless Iden he shear for he Sheard bechow loss for this deflutment, accommodations for Museum. the Institute as Society glists? Secretary's worm adjuning the Three woon for Coming letts. Cepartment, for Samelen de.

15/30/1864] Room, which it is desirable to provide in the building for the School of Indus: Saina A Large general Lecture Hale fully equipped, to a geommodele 1000 or Muse. The repen floor wholly in in great part-For Physics - Mechanics de. (1) Copparatus - room .. loss, & well-highted -treed not be liste. (2) Physicial Laboratory, & preparing lova (3) Lecture a class rom. for 150 mily The room 12 Short le organist to the great Lecture room _ as well as to. 3. (D) . In Chanestry + Chen! Usts. 1. Large long rown for Laboratory. 2. In se adjuning, for agents & aff.
3. for balances se.
4 Formaces & Betallung - vorm hi 5 Lecture room for 150. For Mathemetics Engineering Andla 1. Two Lecture a def rom. 2. The Town for models . Le. These roms might listfully affor the school of design - hi Case a hart of the repper from and he Spared.

cents in gold may buy an acre of excellent land.

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HENRY F. FRENCH,

6 and 7 Barristers' Hall, Boston, Mass.

Prof. W. B. Roger. Lunenburg, chals. Dated june 5, 1864.

Lunabus June 5, 18/14 My clear M. Rof. I regul-that it will be out of by homes to go to Boster wiline to attend the meeting of the for tomonor after now. To entirely have my time I little sheright heer dericaded by home. affani Sonce Coming here that I have been anober to prepare a proper report for the Porning on shocking, on the Judget of Ofening the School of the Institute hast seeson; and Luch report ought to be Subsested to the Com: for amendment and acceptance before beerig presented to the for! The Substance of What I Intended to Suggest for their affired is brilly this -First . that the Consister are of openion that the meets of the Institute with he materially promotes by the organisation heart autumn or early hi the winter of Such harts of the Others of morestrice Science as it may be practicable to put hi operation, in our present- Tooks hi

Sunne St. and of head he by the Occasionie Occupation of the Constant of the large lection-hall, and that of the son of the Constant of the Good for for Contractly to later duch steps as may be recepany for Opening worldow to the Towns of the State as they deem especially to the following courses of Institute at Such losin as they

J. Evering Lectures

Oh Enperimental & Industrial

Physics

Oh Enfermental & Industrial

Clementry

Oh Geology & Mining

and

Enerosis Lepons on practical

Mathematics.

It. The regular Course, of Instruction hi Mathematics Physics Chemity Drawning French de_ land down in the plan frame The Satraductory or first years Course of the Profesore department - and also, of Called for, the studies afforted for the 2 year, or Thea is studies belonging to either or both years, according to the prepareties I wants of the profils. On a wood the Consa: ask authority to set or foot both the popular form, Coo the Lystende profession il Courses Do far en they may find it producelle or expedient to De de, during the Posseries Jeason -

Thuy . The lown; y Instruction Maring reconsin as a most Infortant ausuliary to the measure Sunt proposed the purchase at as early day of an ample sente of models of Machenis, & Constructions of their elements, and other apparatas epested to the various branches of mohutin to the ochool and that lost this been the Gor . Cultorisi the expendations of such dim anthosees 3 Stown dollars as may be acesso by the Constant adequate he this purpose, In miss; this recommend when 12- Conse: behavi they worked will have the carnet affrond of the Course; of the museumloke lorli regard these modely I affarches as an affrofuite I philosophiail basis for a The Offerd Sciences & arts,

I ham thus hurnedy States the man forits of the proposed report. Whether it Le deserdie to latte mondrate hotos your of the car best judge. Please let mr. O'delbuck later change of the preceding - as refresally 12- Comm: Ling absonce. I still der gon I lope oanly on Tuesday . hos enfectory to fend you hilt City or monday night. I ham britten a long When to D. Walker about 12- School - & Will Send don' on Scope & plus as Jones Ais hady. would it withe well to OT der a good large Di o of Copies of this document? I am some what briefe best - Whether to distribute The parphlet to bidely hora, Of to want until we have Esting read to Ofen the School. With Kind regards to ale I hom Justouly you prie William BRogers.

In perchance.

M. DRop E.J.

Trofessor Um. B. Rogers.

Sir,

As a | nominated | member of the Institute of Technology, I ascertained at the annual meeting, that it is intended to establish a Trofessorship of French and Ger, man in the autumn.

I respectfully present myself as a candi; date for that position.

in this city, I have pupils to whom I can refer for proof of my competency as a teacher. I have the honor, also, of the Guendship of several of your distinguished scholars and professors, whose certificates and Letters as to my attainments I shall take pleasure in presenting to you.

I was educated at the best colleges of

Europe, and have Diplomas and Letters that bear numpeachable testimony of my qualification for the position in your gift.

Not wishing to occupy your valuable time until you are prepared to act officially, yet knowing that you may soon be expected to act in the matter, I thus address you, brief, by to present myself to your consideration, and to say that whenever it suits your convenience I shall be happy to went on you, and present my Diplomas, Letters and other papers.

I have the honor to remain with distinguished consideration

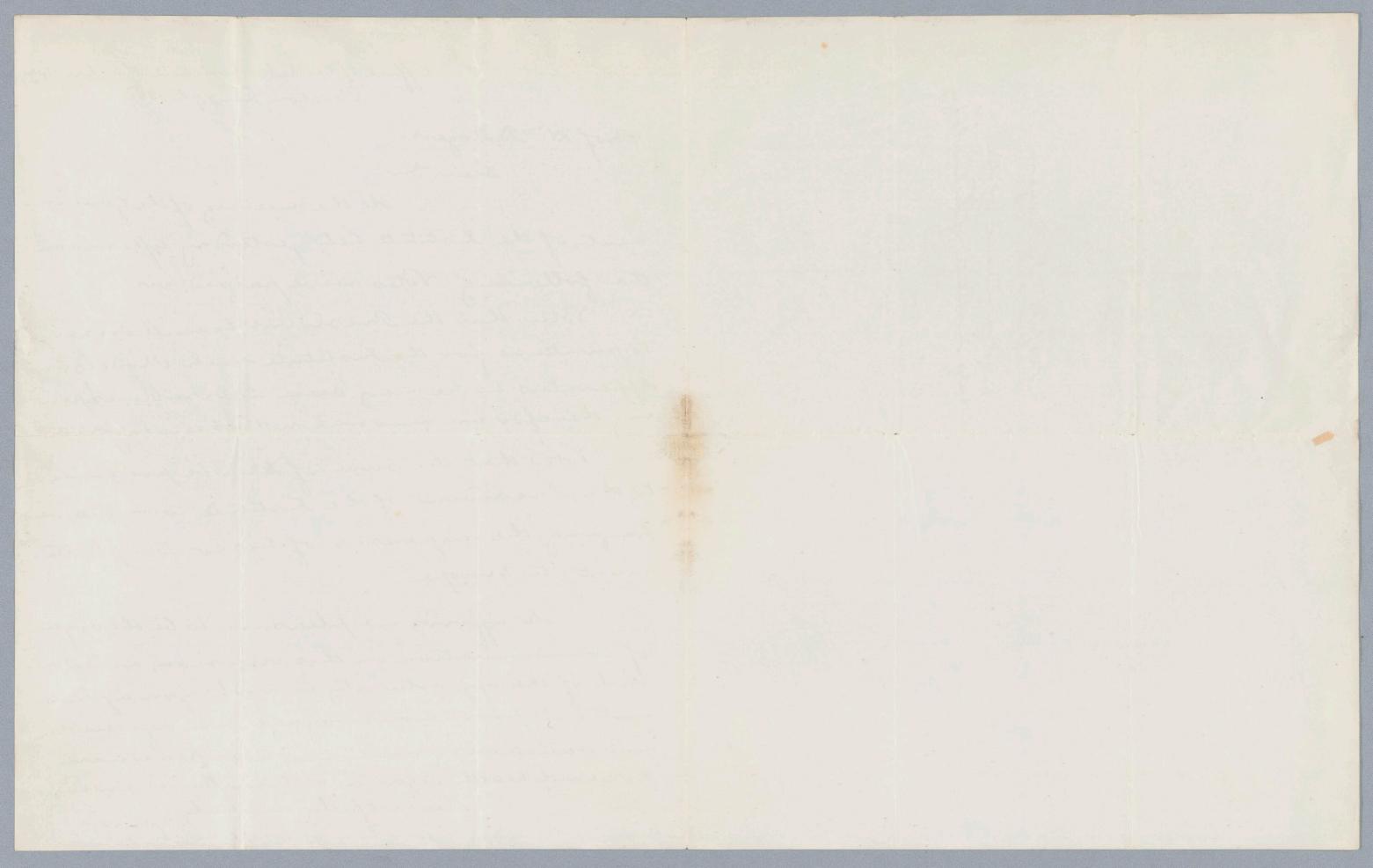
Jour Obedient Servant

Dr. A. Askenasy

Boston June 6th 1864.

D. Interneus; hod lay hod lay hod lay hod lay hod hod lay hod hod 1864

Office of the Mals. Institute of Echnology. Boston June 7th. 1864. Prof. W. B. Rogers. Dear Dr. At the meeting of the government of the Institute held yesterday afternoon the following Votes were palsed; vir. "Voted that the President be anthorised to purchase for the Institute such Models and Apparentes as he may been advisable, expending therefor an amount not exceeding \$1.000." " Noted that the sum of \$.250. be presented to the President of the Institute towards defraging the expenses of his contemplated visit to Europe." of communication on this occasion; and I avail of the opportunity to wish you a pleasant and prosperous voyage, an agreeable and satisfactory visit, and a safe return home with health regained, a strength renewed. Respectfully and truly yours, Thomas H. Webb. Secretars.



mer moint of the Ing. Win B. Durgers

1. Tenfer place Bus la header dy. My dear Dr. Please hard the inclosed hote to D. Askenasy -I have been Do Crowded with last Things '& the besits of Mends that I have at been aber finals to acknowley your Miceel & prends note le ? zesterdy

I there write on bond 12 Steame in On my reaching Sweeport. The appropriate for Brodel, Lappareles is brost-gratifying -The person I approp Jo Rn of & general Mon wante only Iwerne the formy long Cheresto penfose. Idan Ry gon for your food wester -Ashed I hearthy receprocate , t

hoping to theet you he It fall to the che the string of fruits I remain your truly form that billean BRops.

Olean Unalu Dar most Ros If to M. Ruggles Prof Mm B. Rogers. solon, Malo. Seiter june 8, 1864.

Noston, June 9th, 64 My dear Sin, Jan Extremely storry not to have had the oppartimity of Deeing you and hidding you good hye, yesterday. But I had not the elightest idea that the Steam-Ship lift before 12 M., and having heen busily engaged finishing who The suclosed drawings, started, as I thought, in plenty of time to have at least their quarlens of an down with you before leaving. This hour, (12 M) is the time of departure of the A. J. Live & Phila line of Steams ers, and I had no doubt they all went at 12.

I addure you I was very much It seems very love some refet on crossing Chelsea at the Rooms in Lummer tury at a few minutes It. I think that you are past eleven, & see tholesia away, but, hoping to hear slowly backing out of her from you frequently, indidock, and when I got to the Howharf, to ascertain if there reetly if not directly. were any way of Lending a will again wish you a very pleasant trip, packagi on board, I kee her under full theam going and minain, ant of the harbour! I have yours most buly. M.G. Freston). has the pleasure of bidding you good lye, but as I was not able to only wish To Eng. Mm 43; Rogers. you most heartily a pleas. and hip, hoping soon to be you returned with reviewed health. I lease gne my respecks to your brother. Offin thruk of the pleasand Lours I apent with him at Indbrook Park.

W. Varia

Busten Sen 14.64 Pay Dear La A few days sence Cast andudon of the Chinia, Carne to my rooms: I ohover him the lust for déviation of the Et tropometer as letre Dans namurit-) - he tota me it is not new, a similar our was made by an office of the Namy survey your of he teamed to a "during card" he Could not litt me how the muchanice Construction was more, but the principle I mite of use is the Same. I haster to bot you know it - he says that it is not, on some accounts so good

as an alyunthe Compan - This I thought might to the Case It as intented however for the Shoulders When an agreett Cold with ald - I had not heard of the English inomition except once in loadington mine the Admind Davis. a Mr Thy spoke of the dumny court arrangement - but that muce differred materally, and much mon Convenient I don't term how much Me Fory Knew 1 the clust - I don't want gon to bruge it forward as new of it is not to -Caft anduson was highly pleaser with the Ituring Compais I hut seen our on brand the Neagara. I had Sair so much to the Governor" att for called the agent of the Company it

Leverport, that he wish Case a. to burg me - he also likes the Mounter Compans Lis veg deserous & har om on his Ship, -In sails entires by his most Company elevated to Same highle - but it is my troublesome to observe it & the mitime is also vy great toit - I am to sent de averige to Show the "Governor" - By singular Consideres Am Present has just Come sie & Days the age in Sport is Chai Mac over y the firm y 9 16. mac Over Lipore to explain to use different - (longer, and leaving of the lay own texte) Please excuse my long letter about my Compasses - Souce you sailed there has nothing of interest transpired here - The Russians have necessed attention in a quit way 2 enjoyed themselves - I had the officers at my rooms & shower them the 2 Minton Companies, since sent to V. Peters burg. Montanen has come but is an expecting

Trouby the hear of hand fighting you will get later date, from papers -I go to washington this evy & write carlier I wisk you would sent me In Commission to attend to for you in Boston. Mr Jon & Thomas desur to be remember to your veysmenty Establic Inf Wor BRogert Jundens. Le 1 Jun 27. 64 For Eskitchi

Oh board Aleense 17. 54 my dear pieno. The very age or approaching de Close, and as an Opportuning 5 , 3 mailing letters to america, I fet Queens less public homes Som my larly greetings & I Jedi of the Atlantie. The papays has her a pasheurs on the far things het Softenthe Comme bradut y wigh Is began the Chillings while of company the greet artic Current, a ditter gran procepus of Bed bergs. Of these he saw Superb specimen queto Close to

Me Ship, But for thetest three days he handen hepry who the he alman almosphere and blake - y The broady Spready; July Ilream, Wheat De tenhers the Clemate of the Bailest Aland, I do het Show that I will be neapor, bu the to make any horse from a Manley met then I have done in They note to Dr. Coels gthe liberal action of the fort on the Subject of purchases, general both in Experera ti Myself. as regards the Sallin you telemany Know Ing views alway influends

to depart - The thought ful Conduction hi by behalf is home the less grateful to my heart on that account, The begage her agreed well with the , my strongth hes topound I an sene that the peedro has cared Hasts, which I there ouin to enjoy, will build the my healt do Lolity as to Enche The here offer to do good work - Without a cufuing Whet I have gluned, Mrs Rogers has suffered lefs Idan in former veryages and has today enjuged the promonant on the apper dealf where all have been enterterated by the balling and It the warm dunlight flashing on the Sea, By breakfast time limosous we

enhet to Come he view of the Green Willis of the Cirenty Classe, the first land seen hi approacht; the Denthere end og Inclaso, I show write you from lime to liste of my neverenty & estecilly of mother; to levesting h nea great enterprise -d hole hope to receive an occesional line from you hi Reply -Third you hopper to mer-with Dr. Walker during The Surver please present my Regards. In his Rais Jenetroney to My Rop & the Realthe Rappy Summer 9 I . S Remain as our flenthfully gene from William BRoger. m. D. Rop Dy.

LAND SCRIP FOR SALE.

ge

The subscriber, having been appointed by the Governor and Council, Commissioner to sell the scrip for 324,000 acres of land, granted by the Act of Congress of 1862 to this Commonwealth, for the promotion of Agriculture and the Mechanic Arts, now offers the scrip for ONE HUNDRED THOUSAND ACRES at public sale.

The income of the fund thus to be raised has been devoted by the Legislature to the support of the Agricultural College and the Institute of Technology. It is believed that no safer investment of money can be made, in these unsettled times, than in this scrip. It is no figure of speech now to say, that land is the only real estate,—the only property of reliable permanent value. The scrip may be located at once, or it may be held without care, or risk of loss, or the payment of taxes, for location at any future time. Capitalists or companies, by locating these lands in large tracts, in those States where slavery is going out, may find rich rewards for their enterprise by organizing settlements upon them. The erection of a school-house in place of a slave-pen, in any locality, soon doubles the value and price of land.

Citizens interested in the Agricultural College and the Institute of Technology are urged to attend to this matter. Every acre of this land ought to be taken by the people of our own Commonwealth, who are its real owners, and whose interests require its immediate sale at a fair price. Fifty cents in gold may buy an acre of excellent land.

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HENRY F. FRENCH.

6 and 7 Barristers' Hall, Boston, Mass.

JUNE 23, 1864.

Trooton June 28/64. Le 20t. Meet? of the mild Com. was held at 12 M. this day Fresent Melohs. Davies, Little, Rogs 2 Auggles. On motion of Mr. Little it was Voted that M.D. Plofs Esq. be chosen Chairman to full the vacancy occurred by the absence of Onof . Ovegers. the Records of the last Meets were read approved. held on the 6th inst. S. B. Angeles Eng. ws. added to the Donilly. The Comite appointed to exam. the Contract exists with Mr. grant, & refit the result of the examinent, & the course under the circumstances secommended to be formand in relat. Kesets, mende a verbal statement of their donneys a submitted as embodying their recommendat, sundry pupers; vra. 1. An Afrignment by Michael Grant to Melos. the Contract between him a the Frot of Sech for furnishs. preparts. 2 hand's free stone for their orbilits. on orbylston & all the work of prepares. 2 hauls sid stone. 2d An agreement between sid not a Melons. Or ainewood 80 with the alpent of sid greent, whiley sid B. 260. are to furn instead of and great all the oronon directone required to weet 2 complete the Bust omiled above referd to, of the quality a Dimens, a at the times specified in the Contract with grent the other terms a conditions brind a on the Pan ties being set forth in detail in oil agreement bearing dute the byth. of May 1864 a signed by orrainands 260. 3d. An Agreent between the Mals. hist. of feel a Melors. Forume and a to. whereby on cert. condit. It first. is anthorisid to make weekly payments to the grant for the labor of cutty. He stone to be used in the construct nof the Rist. Printlying.

Le refit was accepted, the doings of the Com. were com firmed, a the Contract a Agreements have in accordance there with were restilied. with were restified, Mr. Preston of the Cometo procure estimates of the for the timber flooring submitted the proposition of fliram 3 meny, approved by the Comtee, to furn. all of the opinion timber required for the floor & not of the build, I good some men chantable truber also all of the opme bounds required for 3025 dolls. per of feet, a the bods. Deliver at the plung mile for \$14. per sy feet. all to meus. 2 sound stock. de above proposit, was accepted by the B. Comitee On motion of Mr. Davies it was Voted that a Committed be appointed to procure oste mates a report the same to the Tomilos Comba for framing a putto on the floorings a roofst tenging to make floors, bounding the roof, meeking & setting window frames towarding up to same, a putting in oto sersles. Melors. Lavies & Preston were appointed so Combee un. Preston called the transfect of the Comtee of the one hibited a specimen of proposed work the cost of which wonto not exceed \$.150. the key-stone. It was voter tet the keystones be thus ornemented Howas also voted that Melors. Little & Auggles be a Com mittel to examine & select designs for the key stones. he See's states that at the last meety of the gov. - Mr. Beebe said that at a reit interview or Walker her expressed a wish to examine the O'leuns 2 Drawings of the Institutes sails whenever they could be specied sevel days for that purpose the the good terempon had requested the Sould Boultee to take the necessary action to achede to dr. Wis wish. On motion of Mr. Little it was Voter that the Andlitects prepare as soon as many be a set is of the Plans 2 Francings to be placed at Dr. Wis Disposal. LAND SORIP FOR SALE Votes that the See's advised Dr. Walker of the views aim w. Preston, in reference to fills a grand the forst. Loot, states that, the form is morne called wound glave us you with of gravel, the carty of which would the carty of which would the content of which would the carty of which would the first builde is cost the part. \$1.2450. The expense of a learn with men would be \$6. pr. day, South ins. tak as the content was the growt

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HENRY F. FRENCH,

6 and 7 Barristers' Hall, Boston, Mass.

June 23, 1864.

35-2 - 4 - July

The Institution of Civil Engineers, 25, Great George Street, Westminster, S.W. 23 d July 1864 I have now the pleasure to infour you that bullesty has Cecanad for transmission to your Academy, through the Smithsonian Institution, Washington, two backages Containing a complete set of the publications of the histother of Civil hypmens as under: -Transactions " Brots 4 to 1836-42 " Minutes of Proceedys " 25 vog 800 1837-66. Do Gued Juden Voly 16XX. 1865 " Catalore of the Libray" gro 1866. "Charter. My lows. This of gro Members"

I trust that there volumes way leach you witht dalay of in good conditions. May Sach to be favoured with a note on this subject in due course. We shall awant anxiously the actions of the colies of your publications destired for one library Lam, den Sa, Your fathbul Senty Professon Villiam B. Rollers Consepanting Secretary ? Auto House Boston a. S. -

For James Forest From Mark and French oth duly my answered Our 10, by note on the sulpost in dis course. I have now the pleasure tothe start aming the areas information that all these has of the coins of your fulliations" around for transmission to your dowland though the Suttomine de ties from the one hatteting to the horas war, den da containing a complete est of the fulliation of the hateline of Gour father aire africes as content ? felice Forest & Vannation Erse 6 5 1836- 62 he for Minter of Process " 28 con Sin 1837- 66. Referen William B. Roses of & Do for the 100 100 1X. 1885 Cotal har you have 1806. forestowing the en " The low . This of diesin desent 1864 Borton le. d.

Boston July 19,1864. Ang Dear Sir. Although you rely on others than the Secretary to keep you posted up in selation to matters here, and though I have but little of interest to communicate, I venture to address to you these few times. The Institute's vacation has com menced, at rarely have a call from a member; the government meetings have not been suspended a consequently I shall remain in the City during the hot term. I cannot say, as were said of one of Englands celebrities, the Secretary stands alone; but he certainly for the most part sits alone; a as reached him. your note, in reply to mine on the eve of your departure, has not yet been presented to the Government, there having been thus far no opportumity for so doing. He stated meetings as you are aware are held on the first Monday in every month; that day of the present month was the ansiversary of our Wational Independence, a although Notices were duly ifoned, no one, as might have been antrespected, obeyed the summons. (There has been one meeting of the Building Committee, at which the Architects offered forexamination and approval, a sendstool block intended as the keystone of one of our windows, the face of which is ornamented with emblematic representations of the Square, Compals, & other working tools.

There are to be thirteen of these key stones; as ornaments for which the Architects stated they have made drawings. I suggested to the Chairman, that this was a matter of too great moment to act upon hastily; that it required much thought a careful consideration, and had better be deferred until your leturn, or if that could not be it should be referred to a special com miltee. The latter course was adopted, & the subject hus been placed in the hands of Melors. Little & Ruggles. Istill hope, for reasons which will readily occur to you, that no defilitive action will be taken before you are again with us. If the stones must be in place ere that, why not insert them plain, a ornament them afterwards; this course would rem der the job a little more laborous to be sure, but on the other of exercises that would prove injurious to asthetically sensitive visual organs. This ornamental work will cost, on an average, \$.150. the window. By the new Junff, which went into operation the first of this month, there is algovernment tax of 5 per ct. on this description of work, and a similar tax on all faced stone in addition. Also by said fariff there will be an and valorem duty of 15 perct. on all dipparatuse imported for Public Institutions; the Ear, heretofore making a Discrimination in fewor of such Institutions, having been repealed. I am reminded that our friend E. B. Bigelow Erg! has favored me with a visit, and requested me so to frame the vote authorizing the purchase of Models, ac. his to include photographic ellustrations, it being this intention to make a motion to that effect, at the next government meeting. I told him that I would advise in regard to its out that the vote was sufficiently troad to empower you to purchase whatever in yoth judgement is deemed advisable. The Committee on Justimetron have held but one meet ing since you left; at which werepresent Helses. Philbricka Shewin. Of the Scope & Plan" a thousand copies were ordered to be printed, which are now ready for delivery Of the Outline of Studies" five hundred copies have been struck off at the request of Mr. Rolp. (the latter part of June, I thought I would mail a copy of the Scope a Plan to Dr. Walker a ask his opinion of it; addising him at the same time, of the intention to send him, for inspection, oranings of the Building now in the course of Eg made, I send on page 3, thinking it will be not altogether unrefreshing.

LAND SCRIP FOR SALE.

The subscriber, having been appointed by the Governor and Council, Commissioner to sell the scrip for 324,000 acres of land, granted by the Act of Congress of 1862 to this Commonwealth, for the promotion of Agriculture and the Mechanic Arts, now offers the scrip for ONE HUNDRED THOUSAND ACRES at public sale.

The income of the fund thus to be raised has been devoted by the Legislature to the support of the Agricultural College and the Institute of Technology. It is believed that no safer investment of money can be made, in these unsettled times, than in this scrip. It is no figure of speech now to say, that land is the only real estate,—the only property of reliable permanent value. The scrip may be located at once, or it may be held without care, or risk of loss, or the payment of taxes, for location at any future time. Capitalists or companies, by locating these lands in large tracts, in those States where slavery is going out, may find rich rewards for their enterprise by organizing settlements upon them. The erection of a school-house in place of a slave-pen, in any locality, soon doubles the value and price of land.

Citizens interested in the Agricultural College and the Institute of Technology are urged to attend to this matter. Every acre of this land ought to be taken by the people of our own Commonwealth, who are its real owners, and whose interests require its immediate sale at a fair price. Fifty cents in gold may buy an acre of excellent land.

Each piece of the scrip is for 160 acres, and entitles the holder to locate upon any Government lands which are open to private entry at \$1.25 per acre.

The title is direct from the United States to this Commonwealth, and the scrip by assignment in blank, under the hand and seal of the Commissioner, becomes a simple and sure title, which may be sold and transferred by mere delivery.

That our own citizens may have opportunity to purchase, I offer this scrip for sale to the highest bidder, upon the following conditions:—

1. The bids must be sent by mail or otherwise, to the subscriber, on or before the 23d day of July, 1864, in sealed envelopes, marked "Bids for Land Scrip," with the full name and residence of the party. The bids may be in this form: "I will take" pieces of the Land Scrip, 160 acres each, at cents per acre, on the terms advertised." (Signed.)

The bids will be all opened and recorded at one time, in presence of a committee of the Council appointed by the Governor.

- 2. Bids can only be received for 160 acres, or multiples of that number.
- 3. One quarter of the price must be paid within ten days after notice of the acceptance of the bid shall be deposited in the post-office, and the balance on delivery of the scrip in twenty days more.
 - 4. No bid of less than eighty cents per acre will be received.
 - 5. Bids by persons or companies of other States must be guaranteed by citizens of this Commonwealth.

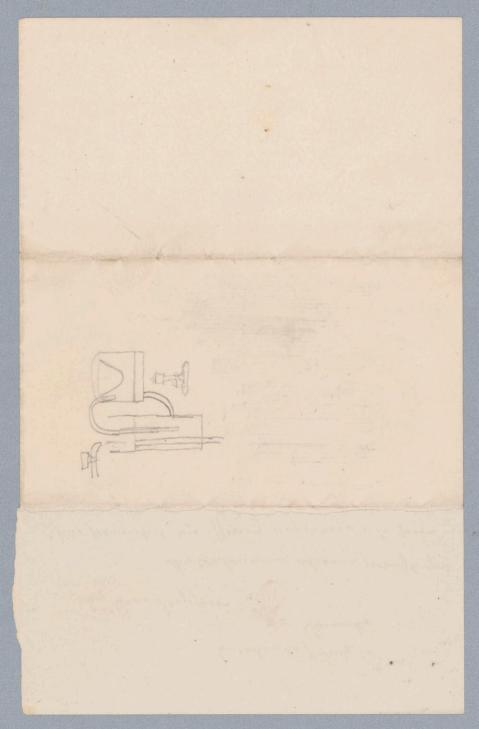
HENRY F. FRENCH,

6 and 7 Barristers' Hall, Boston, Mass.

June 23, 1864.

(Copy) "At Home Newport, a. J. July 2, 1864. pamphlet accompanying it: 'Scope and I ten of the School of Lidustical Science of the Hals. Institute of Technology. I have read the same with great pleasure and amneither able nor desirous of altering it in any point for the better. It meets my unqualified approbation = God speed the Justitute. I should not wish the Plans copied on my account. I am satisfied all is going on well. I can to but little mental labor. When you write Professor Rogers give him my best complements, and wishes for health, happiness, and prosperous visit to Europe, with safe return. Jam Dear Sw truly and sincerely (Signed) William J. Walker." To Thomas H. Melboseins. "When can we complete a collect the Subscription for Decond Building? I wish to have it done." This inquiry led to my addressing the Dr. agen, muce which I have not heard from In the second Letter, I mentioned the action taken to procure Hodels, ac. and the great importance of having these, & other apparents. — I regret exceedingly that any thing has interfered thus far, to predent our seeling the \$.20.000 to which Dr. Walker alludes. that he is much disappointed, as he has more than once spoken to Mr. Deebe & others about it. I am convinced that he is only await ing our final movement, to make another offer for the benefit of the subtitute. I trust we shall not let so golden the opportunity slip from us. Is the printed page on this sheet; you will see the similar property of a carge realization from the Land scrip. Wetherespects to this. Rogers, Jam very truly yours, arrange realization from the Land scrip. Wetherespects to this. Rogers, Jam very truly yours,

1161 Corchouse y July 64 Semark, My Dear Professon Thy continuous absence from flasgow has prevented me offering my services to your Ponother to visit the Centhechal or the School of Ast. He has gone I hear to Celin, to come back I lope to Glasjow, when I may hope to be of use. The School of art in Celer is purhups the trost Complete in many respects in the Kingdom & I Clau fin him its history - but in the herein term he will I hope see it I can if he wishes it given him a letter to the Houth Bowerin Prumose the Secretary who I am sun would be glad to offered long failty to his horst humb enquires, then is much in Color heaving on the subject of his general enginy. We remain here probably a fortright, the heartful seenery here is cloubtleft known tryen. Withmy respects to the Profeson your Brother & this Levely Evertrutyours (Beath Wille I ropefor Hurry Rogers



L'unenburg. June 5, 181,4 My dear M. Rop. O regul that A while out of my hower to go to the lity he line to attend the Theeting of the gov" tomorrow afternoon, So entirely have Dry time I little Sheright heer desnanded by home affairs Inci Coming here that I have been brible to prepare to proper report for the Coning Instruction on the Judget of Opening the School of the Institute heart Dearth, and m' Sheetrefs such report ought to be dubrither to them for anendreach & acceptance befor being presented he the Sort. The Inbotas a g What I plined to subsert for their approved was this -First that the Commi are of Openion that the interests of the

of the Bistitule toile he materially promoted by the offermen organiseten surrouty asyparastructes or-carly his the Winter of Such parts of the School of Br dustrie Oliesice as A maybe in our power to put hi operation, Jecordly. Itel the Committee, to this end, as it the authority of the for .. to take such Steps as many he heafstony for Openingage in the looms of the Institute the following times on Inference the Physics & applications. 2 ..

Estimate of the annual expense of the School Of the Institute on the Scale of Organisation which will be the begin? of the Sofin of 1865.7

Salario's

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bulet & 4.000

Janitor & other servants — 1200

Catalogues & other printing for School. 500.

Consumption & bear of Chon's & Coffee Lines,

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