

Hume

Doct. Dinwiddie

17 Greville Street

Holborn

W.

Sept. 23

D. Dirwiddie
M^r. Perry's
Mostimer St^r

Dear Sir,

I am just arrived and
send George to ask you
how you do before he
returns to school.

Pray let him have your
nephew's letter to me, and
send a message by George
whether you have answered
it, and when.

I will thank you to
examine my young man
respecting division of
decimals, to prove whether
he perfectly understand the
rules.

Yours truly
Long care
Sept. 23. } J^s. Hume

Dr. Linville

8. Mortimer St.

Oct. 5

Dr Timwiddie
at

W. Penny's
Shoemaker

no. 8
Northover St

Dear Sir,

I have written to Mr. Fay in rather a sharp tone, requesting an immediate answer, and I mentioned particularly the £8.15 — I called this afternoon on Mr. Howard, who promised to send the cash to me this evening, his clerk, who it seems takes charge of this branch of the profession, being then absent. Pray inform me by George what is the price of Mr. Singer's work just published. I have one copy on extra paper. Will you ask my son a question or two, to find whether he clearly understands decimals. J. H. H.

Oct. 5th

Dear Sir,

The bearer of this will call
in his way back from Portman
Square for your answer to
the following passage in
D^r Jardine's letter — to whom
I shall write this day

Yours

Jos. Husme

"Pray can you send me
the address of my half Brother
James — if you know where
he lives let him know that I
should be glad to hear from him:
my ignorance of his place of
abode is the only motive that has
prevented me from writing to him
at least for these some years past."

Feb 7 1815

Long Pine, Feb. 7. 1815

Dear Sir,

I sent off my son, George, and
 M^r. Heales about an hour ago, to pay
 you £441-8-1, and I gave them a state
 of the account as it now stands between
 you and me. I forgot, however, to
 send also a copy of the account which
 I received of M^r. Howard — this I
 shall now enclose, by which you will
 see that the law-charges amount to
 £58-12 — He told me, this is the
 usual expence, and that the person
 who sells always pays it, and that
 you when you purchased this annuity
 paid nothing. Pray favour me with a
 few lines to acknowledge this transaction
 and that you agree to the balance in
 my hands this day, being exactly to
 the amount of five hundred pounds in
 your favour. This is the sum you
 requested me to retain for you. I have
 this day received a letter from D^r. Jardine,

1815 NT

Wm. Chipman
Cerrard's

Doct. Simons
 37. Richard Street
 Antwerp

M^r
37

70 Clocks
70 Bk

dated Nov. 16. — He was then ignorant of his mother's death, but had received such accounts of her health that he seems to entertain no other expectations than the news of her death. He had not then heard that you had acknowledged his long letter to you of nearly six pages. Pray tell me when you wrote to him and when you propose to write again — You must also give me proper instructions about his annuity to be sent to Scotland now that his poor mother is no more, as I wish to write to him and send the usual annual account of our transactions.

You will excuse me if I say, that I am anxious respecting the safety of the money I send you to day, and that in a situation so much out of the way and so secluded, robberies are more likely to happen and thieves to pilfer and steal — above 400 pounds in such a secluded lodging is certainly not very secure, therefore at all events keep the matter a profound secret.

I remain, Dear Sir,

Yours truly

J. S. Home

D^r S^r James Dinwiddie

Cr

Commission on
47.19.2. at 2½^r per Cent
and Stamp 5/ ——— 1. 8. 11

Property tax ——— 5. 6. 7

Amount of charges
in the sale of the } 58. 12. 0
annuity ———

Cash paid to M^{rs} Home
viz ——— 987. 18. 3

£1053. 5. 9



Principal £1000. —

Proportion of
annuity from
23^d July 1814 to
4th Feb. 1815 is
6 Months & 12 Days 53. 5. 9

£1053. 5. 9



Feb. 7th 1815 Memorandum
presented this account to L^d. Dimwiddie

J. Hall.

Feb 7 - 1815

Doct James Dimwiddie Cⁿ

1814

March 7. By Balance 4 15.0

Aug. 18 By 1/2 a years annuity 43 15 6

1815. Feb. 7

By Cash received of M^r Howard
Being the balance arising
from the sale of the Annuity } 987 18.3

1036 8 9

[Signature]

D^r Dimwiddie Debtor

Mar. 8. 1814 To postage 8

Aug. 18. To Cash paid to herin 45.

1815. Jan. 23. To ditto paid to M^r Bailey 50.

Feb. 7. To ditto paid by M^r Heales 441. 8. 1

536 8 9

1815

Feb. 7

[Signature]
Credit
Debtor

[Signature]

1036 8 9

536 8 9

Balance due to D^r D. £ 500 - - -

Jan. 23. 1815

S^r Dinwiddie

Richard S^r.

Pentonville

37

My dear Sir,

I send by M^r. Bailey the
Sum you know want viz^t £50.
and as soon as I shall have
received the money from M^r.
Howard you shall hear from
me or receive what you
may want. Pray write a
few lines to acknowledge this
£50 — and inform me what I am
to do in regard to annuity to
be sent to Scotland, now that
his mother is no more; say
how much and how it is to be
disposed. Say also whether I
am to convey the whole of
what Howard is to pay, into
your hands or if part of it
is to be placed in any of the
public funds. I regret that
the distance and my time
prevent our meeting so often
as I could wish. I am

very truly yours,
Jan. 23. 1815. Jos. Horne

1815
A. C. CROFT
2. J. A.

Doct. Drinwiddie
Richard Street
Pentonville

37.

1815

1815

Dear Sir,

As I shall write to Grenada on Wednesday I shall be glad of a few lines from you by way of instructions what I am to say. You will also inform me what sum is to be remitted to the North, and if it may be paid to you, as the time now draws near for the usual annuity. I wrote to Howard, urging him to dispose of the whole of your annuity if possible, and without loss of time. I have heard nothing further, nor have seen Mr. Sanders. I am afraid your lenity to Mr. Fay will never be acknowledged by her, I would, not let another week pass before I should set an attorney

to work by at least sending
her a letter, giving her notice
before he proceeds against
her. I believe you have
already acquainted your
nephew of his mother's death;
if not, inform me what I
ought to say upon that score.

Say also if you mean to
accept his offer of some
money, or if you can do
without it. Shall I say
any thing about the unfortu-
nate lawsuit, or will you
yourself write upon that
subject? If you be in want
of the pecuniary supply, it
will perhaps be proper to
notice this said suit.

I remain, Dear Sir,
very truly yours,

Jan. 2. 1815.

J. F. F. F. F.

Nov. 7 - 1814

Doct. Dimwiddie

34 Richard Street

Pentonville

UNPAID BY
REWARD

(1814 11 11)

Long Acre, Nov. 7. 1814

My dear Sir,

I have this instant received two letters from Grenada, in one of which the enclosed was left unsealed in order that I might peruse it which I have done. He empowers me to advance you some money if you require it — you will therefore consider the subject and inform me of your determination, as I shall soon have cash in hand, several of his bills upon London being nearly due. I hear nothing from Mr. Fay of Ashburnham House — I think she has totally forgotten her promise, the terms of which I do not perfectly recollect. I fear we shall gain nothing in that quarter unless you send her a few lines from an attorney. No farther tidings from Mr. Howard respecting the sale of the annuity. Pray let me hear from you and acknowledge the receipt of this with the enclosed. William strongly invites you to write to him, and I trust you will do so

very

very soon. Perhaps you will write by the
next packet and send the letter to me as I
shall enclose it in mine.

I remain, Dear Sir,
very truly yours,
J. S. Sumner

Dr. Dimwiddie

RECEIVED
JAN 21 1840

Dr. Dimwiddie
Jan 21 1840

RECEIVED
JAN 21 1840

RECEIVED
JAN 21 1840

Dr. Simwiddie
No. 37. Richard-street
Bentonville

2.00
AUG 5
1814

2.00
AUG 5
1814

u

Aug 5 1814

W. Simwiddie

Dear Sir,

Agreeably to your request I called on Mr. Howard two days ago, and communicated to him your intention of disposing of the annuity. He said, that he would take the first opportunity to sell it, and made no doubt but that he should succeed. In regard to the half year's payment, due 23rd last, he told me that I could not receive it before next Wednesday. As I may probably be out of town then I think it proper to tell you lest you be disappointed — I shall certainly lose no time on my return to receive and remit it into your hands. I trust you are pleased with your new habitation — the only thing I regret is the distance, otherwise I should have sent this by my old young busy messenger, George. Yours very sincerely

Jos. Furze

Long Acre, Aug. 5. 1814

April 7 - 1844

Doct. Dinnwiddie

My dear Sir,

I have just received a letter from your nephew William Jardine, from which I shall transcribe the following passage. Speaking of you he says—"I shall write to him positively by next packet—make my best respects to him and tell him that I expect to have the pleasure of hearing from him soon, and that he must not be offended at my not having written to him—that he must take gude care o' the twa bairns and do with them as he thinks best." He then repeats a message that I must let his brother, David, have 15£ this year instead of five—and he desires that you may give, in his name, as much for the use of the Tiswald School as you yourself have subscribed. I shall

send

Send George with this and
if he find you at leisure
he may profit by your
instructions respecting the
rules for Decimals

I remain Dear Sir,
very truly

Yours

Jos. Hume

Apr. 7.
1814

P. S. Gardiner's Letter is
dated Feb. 22^d

March 20, 1814

Memorandum

Journal this acct in Dr Dinwiddie's
Books
J. M. Stone

Dr. Dinwiddie
Mr. J. M. Stone

March 7, 1814

Dr Dinwiddie to Jos. Stone
1813

Jan. 11. To 1/6 of a Lottery Ticket	1. 10. 6
Postage of two Letters	2. 2
29. To Cash - Bank Post Bill	30
30 Paid to Royal Institution	4. 4. 0
Feb. 15 1/6 Lottery Ticket	1. 9. 0
June 15 Postage	2. 2 1/2
Aug. 24 Paid prin £50 Sept. 13 th Ditto £50	100. 0. 0
Oct. 2 ^d Paid to Mr Perry by his order	50. 0. 0
1814 Mar. 7. Cash sent by my son	50. 0. 0
	<u>237. 7. 10 1/2</u>

Creditor

1812. Sept 8 By interest on Mr. Fay's Note	10. 0. 0
1813. Jan. 28. By annuity paid by Mr. Howard	43. 14. 10
1/6 of a prize	18. 4 1/2
June 15. By bill on Messrs. South & Co	100. - -
Sept. 25 By Cash from Mr. Howard	43. 14. 10
1814. March 4. By ditto	43. 14. 10

Deduct the above debit acct 242. 2. 10 1/2
By Balance in favor of Dr. D. 237. 7. 10 1/2
4. 15

March 7, 1814

Dear Sir, My son will pay you £50 for which you will favor me with a short letter as an acknowledgment, and say the balance now due is £4. 15. Yours Jos. Stone

Dr. Dimondie

Mortimer Str.

8

My dear Sir,
I find Mr. Fay's note
for £100 is dated May 23^d
1808, and at three years
after date with interest.

I trust you will not fail
to procure the principal
as well as interest, and
likewise the £8 odd which
you advanced for his
advertising. I send George
with this with a view of his
getting a leaf out of your
book in respect to a proper
knowledge of decimal fractions.

Yours every truly

J. G. P.
J. S. Horne

Feb. 12.
1814

When round I
call on Mr. Howard

Doct. Simwiddie

Mortimer Street

8

Dear Sir,

Receive from George
85.2.0 for which please
to give me the usual
acknowledgement, and a
list of items.

Pray give the boy a
few hints and rules
in decimal arithmetic,
for which purpose I can
spare him for an hour
or more.

Yours truly

J. J. Home

Long acre

Jan. 23. 1814

Jan 23 - 1914

30
20
66
3
69.
17.1-

Jan

W. Hurne
Since 18-1813

10/6



W
Dr D. D. D. D.
Dumfries
N. B.
Single

10/6

Long Acre, London.
June 15. 1813.

My dear Sir,

Yours of 12th Instant, with a bill on
Coutts & Co. for £100 enclosed, are safe in
my hands. I shall not wait for its accep-
tance, believing there will be nothing to
fear on that score, and when due I shall
receive and be ready to pay you the amount.
I think your best plan respecting lodgings
is to take in the first place your old resi-
dence at Penny's if it is vacant, and towards
the end of Autumn look out for another
nearer to the Royal Institution. In a letter
from Dr. Jardine dated April 15. speaking
of Dumfries, he says he has not heard from that
quarter for at least a year. Neither does it
appear that he had heard from you at
the above date. I am glad to find you
have determined to try London another
Winter - I sincerely hope it will be to your
advantage both in regard to your health
and your happiness. I shall do nothing
with Howard until you arrive - indeed at
this moment I do not recollect when the
annuity is due, nor is this of consequence as

as you do not want it before you be
in London. I wish you could contrive to
transfer all other monies into the govern-
ment funds, as at this moment you must
be a gainer by the change. This proposal
will be better considered when you come to
our neighbourhood. As I have acted upon
the power of attorney respecting Howard, it
will probably be requisite that I should
continue to receive that and all other
sums, otherwise the power I apprehend will
become void.

I shall write tomorrow to
D^r. Jordan and give him your history
at least, as your letter does not enable
me to say anything respecting his son
or any other branch of the family.

M^{rs}. Hume and all the babes are at Brighton,
they set off early in May, and propose to stay
till October. All are well, Heaven be praised!

I am in a most violent passion at your
threats — you may be assured I shall be
ready — the pistols are brushing up —
new flints — and super oxygenized powder à la
Davy, therefore Sir, be upon your guard,
paratus esto!!!

I am, Sir, still yours,

J. Hume

April 17. 1813

Doctor Darwin

Edinburgh

Long Acre, April 17. 1813.

My dear Sir,

With this you will receive the cards and a letter from Mr. Sanders, also such of the cards of the Royal Institution as I had saved, for I am sorry to find that one or two are missing, particularly Mr. Brande's introductory lecture. I shall probably recover them in some part of my premises or procure them from Mr. Sanders. Mr. Stave did me the favor to call with your letter, but I was unfortunately out at the time otherwise I should have been glad to see him, for I meant to ask him respecting your pecuniary matters at Messrs. Fairlie's. I have written to Mr. Jardine with your letter, urging him to accept your invitation and once more visit his native land—both letters are sent off and will be conveyed by the 2^d mail of this month. I believe I have already informed you that your first great share of the ticket proved a prize, for which I have received 10 shill. & 4 p^{ts}—the second share is a blank, therefore poor Caroline must still remain a spinster. Your annual contribution to the Royal Institution was duly paid in January for which I have the receipt— I hope that the next payment will be made by yourself and that you have made up your mind to dwell amongst us the cultivators of science—to whom you must be considered as a zealous supporter. I send you copies of my letters written in defence of my claim respecting the test for arsenic, which all my friends say I have managed well and driven my

my adversaries through their last loop-hole.
Few chemical tests are so perfect and delicate,
I do not think silver and muriatic acid, or
barytes and sulphuric acid, are equal to silver and
arsenic, as reciprocal tests. You will do me the
favor to practise the formula in any of the ways
I have mentioned in these letters, and at your
leisure favor me with your opinion — it will
be no task to you — and you may instruct and
amuse the barons at least as well as any of
the medical practitioners in the vicinity.

M^{rs} Howe joins in best wishes for your
health and happiness with, Dear Sir,

Yours very truly,

J. W. Howe

RECEIVED

London February 15th 1813



Dr. Dinwiddie

Dumfries

J. Mill Lamb North Britain

Feb 15 - 1813

Dumfries North Britain



Dear Sir

Long Acre, Feb. 15. 1813

My daughter Caroline (not Jane) makes another attempt by purchasing another $\frac{1}{16}$ in the present Letter. The number is, One hundred and seventy nine, which, though lower than the last, I hope will prove a higher price. As it is proper to acquaint you with the number before it is drawn, I have procured a frank for the purpose in order that I may enclose some of my letters occasioned by Doctors Rogee & Marcet having encroached upon my rights as an inventor. I have reason to believe they are sorry, and ashamed of themselves for what has passed on this side during the controversy. I shall send you the remaining letters of mine by some future opportunity. As I was obliged to write both in the Philos. Magaz. and Medical & Phys. Journal, you will find probably two letters upon the same subject and consequently the language nearly alike. I shall, however, contrive to send you the whole, and you can at your leisure give me your opinion of them. I trust this will find you in still better health, for though you gave me reason to think you were improved, you did not acknowledge yourself to be quite well. Adieu and believe me to be very sincerely

Yours

J. W. Keene

Jan. 29. 1813

Wm. D. Dimwiddie
Care of M^r. Proudfoot
Bank Vennell
Dumfries
N. B.



Long Acre, Jan. 29.
1813.

Dear Sir,

The enclosed is a Bank Post Bill for ninety five pounds two shillings, being the amount of Jardine's annuities and a remittance of thirty pounds on your own account. You will have the goodness to acknowledge the receipt of this Bill by the return of post, and mention whether it is exactly what you required — and according to the following items, viz.

Mr. Jardine	30. 0. 0
The Family	25.
Extras	6
Candlemas offering	1. 1
Dumfries Infirmary	1. 1
Additional, by your order	<u>2. 0. 0</u>
Total on S ^r . Jardine's acct.	65. 2. 0
On your own account, as ordered in your letter of 6 th instant	} 30.
Amount of Bank Post Bill —	<u>£ 95. 2. 0</u>

I have received the annuity from M^r. Howard viz £43. 14. 10 which I have placed to your credit,

I have also received 10£ from Mrs. Fray as two years interest on the note for 100£. and this is put to your credit. She desired me to say, that she expects two more of Mr. Brown's children by the Lord Forbes - and that she hopes it will not be long before she pays off her whole debt to you. I shall take care to follow your instructions respecting the cards of the Royal Institution, and I trust that with Mr. Sanders's aid we shall procure all Mr. Singer's cards also. In my last letter to you I told you that I had paid John Anderson's annuity of £66. to Mr. Hare. Your cousin will probably acknowledge its receipt to you.

I have not taken George into business yet - it is determined by Mr. Hume and me that he shall remain at school till Christmas, and then we mean to place him with some other master for two or three years, if we can be found who will take him on these terms.

Your lottery ticket has been examined at one office, and proves to be a prize of only fifteen pounds - therefore, I fear that you cannot yet marry my daughter Jane, and that she must try once more for a 20,000. Mr. Hume and all the bairns join in best wishes to you, with
Dear Sir, Yours truly,
J. Hume

P.S. Not being able to procure a frank, and being unwilling to lose time, I must add the expense of double postage.

Jan. 25-1813

Doctor Fenwick
My Bondage
Bank Vennell
Cummings



Long Acre, Jan. 25th 1813.

Dear Sir,

I write this to prevent your being disappointed at not receiving the remittance so regularly as you seemed to expect. The truth is, that Mr. Howard tells me, that 21 days are allowed after the mortgage becomes due, in order to give time to write into the country, but that he makes no doubt that I shall receive it in a day or two.

I shall, therefore, not send Doctor Jardine's annuities till I can send you ^{cash} also. I have paid that £6.6. to Mr. Jno. Hare for John Anderson. I fear your lottery ticket was not a 20,000 — but I have not yet enquired. Do not answer this — I am very truly
Yours
Jos. Hume

Jan. 11 - 1813

Doctor Dimpfharie
care of Mr. Woodfoot
Bank Vermont
Dumfries
N. B.

Long Acre, Jan. 11. 1813

Dear Sir,

Now that I am assured that you are to be found, and that you have not yet paid your respects to Master Charon, I shall address a few lines to yourself.

As soon as shall receive Dr. Jardine's dividends, and the money due to you on the mortgage, I shall send you a Bank Post Bill to the amount of what I shall transmit, viz the usual annuities agreeably to your statement, and your ow £30. I would indeed have waited till that period, but that it is proper to acquaint you with the number of the share of a lottery ticket which I have purchased for you, before it shall be drawn, therefore take notice that it is "Ten thousand two hundred and twenty three". As this was chosen by my daughter Caroline, the least you can do, should it come up a 20,000 is to offer her your hand in marriage. Let me once more remind you of the proper attention to be paid to your Will, and that it is always prudent to have one of some kind or other ready executed, however young or healthy the

testator may be. The instant you receive
the remittance you will favor me with
a letter to acknowledge your receipt of it
and to assure me of its safety - you can
then give me all your news and any
message that may be necessary for D. & J. Gardiner
W. Home joins in best regards to you,
with, Dear Sir,

Yours very sincerely
W. Home

Jan. 6 - 1813

Mr. James Broadfoot
Bank-Venue
Dumfries
N. B.
Single

London

Long Acre, London, Jan. 6. 1813

Sir,

When my good friend D.^r Dinwiddie left London it was fixed between us that I should not write to him till a letter should arrive here from Dumfries - but as the time draws near when the usual annual remittance of money on Doctor Dinwiddie's account must be made, I am anxious to know to whom I ought to send it. Will you, therefore, request the Doctor to favor me with a line or two - and let him mention if any more be wanted than the usual sum, for Doct. Jardine has left it intirely to his discretion to have more if it be required, particularly on account of the boys. I shall hope for an answer to this, either from the Doctor or yourself, by return of post - and shall be glad to hear good accounts of my good friend's health. With my best wishes to him

I remain, Sir,
Your obed^t servant
Jos. Herne

Jan. 21 - 1812

D^r Dinwiddie
No. 8
Martins

Dear Sir,

I suppose I shall be right in
addressing thus " Mr. Jas. Peridford
Bank Tennell, Dumfries " — and to
give the £6.6- for Anderson, into
your hands.

I shall, as you
desire, add 3£ on your account,
making the Bank Post Bill £66-15.0

Jan 21.
1812

Yours

Jos. Horne

to me - now I beg you will not, my dear Sir, accuse me of any complaint of this kind, for it arose entirely from a caution received from Dr. Jardine, who wished me to avoid a correspondence with this Mr. Anderson. Be assured I shall at all times be ready to do what is proper for your interest & for that of your nephew; and shall be sorry if you have taken umbrage at any expressions I may have used on this occasion. I shall conclude with stating, by way of invoice, the particulars of the two last orders, and remain, Dear Sir,

very truly yours, J. Hume.
 1800 Aug 30 By the Caledonia - Eleven half volumes of Encyclop. Brit. & the 3^d part of Vol. 18 being the titles &c. and the supplement being in 2 parts = 7. 5. 6
 Packing case 4/9 Shipping expenses 8/9 = 13 6

1802 July 9. By the Arran - the last Vol. or two half volumes of supplement to Ency: Brit. = 1. 10.
 6 earthen retorts 15/ 2 nests Bl: Lead crucib: 8/ = 1. 3
 4 nests Earthen crucibles 5/ 12 glass Lind: 15/ = 1.
 2th Glass Tubes 4/ 2 Alcohol 8/ 1 box 6/4 = 10. 4
 Shipping expenses = 8. 9

P.S. I ought to say, that there is a balance in my hands in your favor of about £6 -

Nov. 25. 1803

Long Acre, Nov. 25. 1803.

Dear Sir,

Yours of 14th March and another for your nephew Mr. Jardine were delivered to me by Mr. Barclay of the Navy Pay Office, who informs me that you have at last determined to return to old England and that you propose to come by the Mangles, Capt. Reid by which these letters were conveyed hither. Your letter to Dr. Jardine was immediately put into the post office for the West India Mail than about to be dispatched, and has probably by this time been safely received. I have every reason to believe your nephew is doing very well, and is perhaps already independent - he is certainly a very steady fellow and has one excellent property amongst many others, that of being always attentive to his mother and indeed to all his relations - by his orders I regularly send an annual pecuniary supply to his mother, and the last I sent was accompanied by £20 for the use of your daughter. Doctor Jardine, for such is the title, every medical man must assume who practices in that part of the world, and which, in your future addresses to him, you will please to observe, has made no mention of leaving that part of the world till in the last letter dated Sept. 1st last.

last past, when he says "I am in hopes that in about twelve months more I shall be able to take a trip to England, I am now in want of a little bracing up, after having lived so long in a hot climate; besides I have been very sickly for a considerable time about the end of last year and beginning of this, though now perfectly recovered."

It is, therefore, very likely that when you arrive in England the Doctor may be here ready to receive you, which I hope will be the case, and that you will both have good reason to be satisfied with having absented yourselves from your own country. Whether every thing will be found in statu quo I cannot be quite a judge, as the Corsican upstart, who now tyrannizes over the greatest part of Europe, may perhaps urge us to become a nation of soldiers and you will find me in my laboratory with a bayonet on my side decomposing and compounding the various articles of our science. This is certainly the case at present and how long it is to continue is not for me to decide.

I am sorry there was any misconception of your orders respecting the glass cylinders and spatulas - I do not recollect having said anything in favor of drinking glasses more than that they may be sufficiently useful, though not equally so, when the others are not at hand! In respect to the glass tubes, I cannot but believe they are more useful to a chemist than spatulas that are not perforated, since as tubes they can be applied

to such a multiplicity of occasions; and, by sealing one end hermetically, can always be used to stir any composition whatever, excepting fluoric acid.

Galvanism is certainly amongst those of the most important of modern discoveries and has already become a very ample source of experiments. The cure you mention of deafness and your successful treatment of paralysis I do not recollect to have before noticed. You are no doubt already acquainted, that the galvanic pile as invented by M^r. Cruikshanks of Woolwich, is now generally employed in preference to the vertical pile of Volta. - The alternate metallic plates are fixed ~~horizontally~~ in troughs made of wood and lined with a cement to render them impervious to fluids, which troughs being placed horizontally the plates are perpendicular to the horizon and form so many partitions that are filled with weak nitrous acid and various chemical compounds. Three or more of these troughs, thus composed, are connected by copper wires, and the power of the pile is increased in the ratio either of the number of plates or their superficial capacity.

With this I shall deliver, to the care of M^r. Barclay, a letter and parcel left to my care by your friend, M^r. J^r. Mayne, who is, I am happy to say, in very excellent good health. He has given me a copy of some excellent verses, of which he has, I believe, sent some to you.

I have just now received the inclosed letter from M^r. J^r. Anderson at Glasgow, to whom I have written a satisfactory answer respecting your and D. Jardine's good health. You mention in your letter something about your sister's friends being troublesome to

will probably be sent by the Arran
along with the case.

I am, Dear Sir,

Yours most truly,

Jos Furne

for
Mr Furne
Caled London & Edin
1002. Nov. 15th 1802
1003. 1st 2nd 3rd 4th
of Edinburgh

London, July 8. 1802.

Dear Sir,

By the Arran, Capt. Wilson, I send
you a box containing the following
articles, which are all you requested excepting
the oil of vitriol and the two parts, viz
containing Architecture &c. & Gunnery &c. of
the Ency. Brit. neither of these books can
now be procured — and I cannot persuade
any of the ships owners to take the oil
of Vitriol. — In the box you will find
Vol. 2^d in 2 parts of the supplement, which
completes the work — 6 Earthen retorts —
12 Black lead crucibles — 20 Earthen ditto — 12
Glass cylinders — 2th Glass tubes (I preferred sending
these for they can be used as spatulas, and, to
a chemist, must I think be very necessary and much
more useful — There is also 1 quart of rectified
spirit of wine. — at present I shall say but
little more than inform you that your letter
to Doct. W. Jardine was safely received by me
and is, I hope, long ago in his hands. I have
written several letters to you, chiefly by
private hands, but it does not appear by yours
that

they have been duly received—indeed from most of your letters, excepting that of Aug. 30. and Dec. 1. it would appear that you were on the wing to return to England. You say you shall never be rich—I am rather surprised at this declaration, and suppose you have not played your cards well in India, where even people of very shallow abilities make ample fortunes. Cannot you procure some private pupils, which would answer better perhaps than giving public instruction. I know of no method I can take to gain any intelligence respecting your daughter, and unless some of your friends in Scotland can inform you I know not how or to whom you can properly apply. You will find much useful matter in these two last parts of the Supplement, particularly on some subjects that till lately, have either been totally unknown or but little cultivated.—The articles vegetable animal mineral &c. substances are very well and ably maintained; and there are several articles wonderfully interesting and must prove to you a treat. As you promise to give me a large list of chemicals, should you gain what you expect, you may rely upon my doing you all manner of justice. I need not observe that

that you will of course refer me to Scott's house or some other respectable quarter for payment— for at such a distance as India it is necessary to be more circumspect in attending to orders than if the parties were near or at home. I did not quite comprehend what you meant by glass cylinders for experiments on colours; and glass spatulas—the former I have chosen such cylinders as we try experiments on the specific gravity of liquids by means of the Hydrometer; and these will prove very useful in making a very great number of exp.^{ts} in pneumatic chemistry, and in endiometry &c. &c. The spatulas I presume are intended to stir acids and other corrosive liquids, if so the tubes I have sent will be as proper, and may also be easily bent into any form for making Woulfe's apparatus or to convey gases from one vessel into another—in short I know not how a chemist can do without a quantity of glass tubes. The last accounts from your nephew were very good; as far as I can learn he is not married, but it is now unusual thing for gentlemen in the West and also in the East Indies to do every thing but marry; perhaps you are one of those. This letter I intend to leave at Messrs. David Scott & Co. and it will

Long View, London, Aug. 29. 1800

My dear Sir,

With this you will receive eleven $\frac{1}{2}$ Vols. of the Encyclopedia Brit.^{ica} also the two last $\frac{1}{2}$ Vols. of a supplement, which I believe is to be continued, and a small volume containing the titles &c. — These books would have been sent long ago had I been certain that you were to remain in India so long, but in almost every one of your numerous letters you have mentioned an intention of visiting England in the next fleet, and of being gathered into your father's &c. As you in your last epistle, did not say any thing about leaving India, I have ventured to purchase the books, and here they are, I hope you will receive them safe. You will find much information in the Supplement under the article Chemistry. Indeed this branch of science has been of late so very much improved that all the old books must be entirely rejected, or sanctioned by Parliament, I mean that for extracting ^{ink} from paper, which is again returned to the mill for use. There are many of the new articles, such as Roanic acid, tanning principle, new earths & new metals, you will find mentioned in this supplement, to which I refer you for all the chemical news. Though I believe I have answered all your letters in the few I have written, yet I shall in this make some recapitulation of what I have already said. Your bill of exchange on Messrs. David Scott Jun. & Co. dated 13. Sept. 1797 for £140 was duly honoured, and that sum remitted to Doct. Geo. Chapman agreeably to your instructions to me — He sent me a letter acknowledging the receipt and inclosing two receipts from Messrs. Paterson & another. I was very sorry to hear such accounts from you respecting Capt. Price's behaviour, and of the disastrous fate of the nitrous acid. I very much regretted this loss, as I had taken great pains to make the acid strong and pure; and though it

The value of these seeds is
in your favour though a small one. You have
perhaps been very good by sending me the cash
before I sent the goods - as long as you continue
that plan you may command me or any other
person I believe. I may perhaps have some
expense to answer when the money is delivered by
Capt. Tyrie - at present there may be about 7 or
10 £ of yours in my hands - for the tin box is on
board of ship, I cannot tell what it is exactly.

W. Munro

29th August 1800

Doct. Dinwiddie
Calcutta

As soon as this comes to hand you will
please to write and inform me of its safe
reception. Perhaps you stay in India to
encrease and multiply the species, as I am
of this kind of business is well supported in
that quarter - I need not tell you I am married
and have one young child and perhaps another
coming - we have been unfortunate in losing
a boy and some miscarriages. I shall be happy
to hear from you particularly if it convey good
news respecting your health and prosperity. Yours &c
W. Munro

are given during the winter and spring months. It is upon a very extensive scale - there is at this moment building a very large lecture room, and laboratory &c. &c. and the subscriptions are very numerous and respectable - for 20 guineas one person is admitted to attend lectures for life - and for (I believe it is now raised higher) sixty guineas a person may be a proprietor, being first balloted for.

There is an extraordinary manufactory just established between Bath & Bristol - for converting all kinds of animal flesh, whether of the sea the earth or the air, into fat or sperma ceti - you have probably heard of this and may know that this conversion is brought about by nitrous acid, water and other means - if you immerse a dead animal in a running stream of water for some time, the whole muscular part the cartilage &c. will be changed into fat or a species of grease, which can be rendered very pure & fit for soap, candles &c. &c.

I have heard nothing of the parcel with

the treatises on music, which you sent

to my care - indeed some time is too

much occupied to allow me to enquire after any thing; on this account I could wish that whatever you may send to my care should be delivered to me. I hope Capt. Tyrie will take care to send the music books - I have as yet heard nothing of him or them.

I have lately heard from your worthy nephew, Doctor Will.^m Jardine at Grenada, and am happy to say he is going on very prosperously - I have every reason to think he is an honest upright fellow and will do himself credit to the end of the chapter.

I do not know how my letters appear when they reach India, but yours appear to be written with very bad ink, or such as absorbs oxygen very rapidly, indeed, for they are almost invisible when I receive them. I recommend you to make your ink with a decoction of logwood, an ounce to a pint - and to add a little acetite of copper and brown sugar.

In one of your letters you mentioned that you would make some small remittance to me by way of keeping things square - but if you have no demand for chemicals &c. you need not trouble yourself, as I believe there will be, after deducting

well stopped with glass, yet I could defy any other
accident to happen. When this or any other liquid
is sent from a cold to a hot climate an expansion
will naturally take place, and especially in this
acid, which is apt to generate nitrous gas. I cannot
account for the oxidation of the phosphorus — what I
sent was perfectly pure though made from bones,
and the piece you mentioned to have had from
Godfrey's was certainly made from inspissated urine.
I have never tried it, but would not Phosphorus
keep better in alcohol? One thing I must observe
to you, that Phosphorus in water should be kept
in a dark place, for the light assists it to decom-
pose the water. However the phosphorus may be
oxidated it cannot be lost; for, I need not tell you,
it must have gained something by this change
you complain of. In respect to the investment
of the glass I can say nothing about its being
damaged, for in that, and the circulating machines
with air pump receiver &c. I had nothing to do
in packing the ~~books~~ the books and whatever
things I procured from others. Your bundle of
Bengal newspapers was lately delivered to me
and was immediately sent to Mr. Mayne at the Star
office, Carey Street — to whom I also delivered your
letter. In respect to the cochineal I wrote to
you some time ago stating my opinion and in
what proportion I judged it inferior in value or power
to the Spanish. On many accounts I do not think
the oxy-muriatic acid a fair test — probably its power
(I mean the cochineal) in dyeing a specific quantity of
cloth, and comparing this for colour and quantity
with what has been dyed by the Spanish, would be a
better and less objectionable mode. There are many
things I think might be accomplished in India
such as making of phosphorus, the nitrous, sulphuric, &
muriatic acids &c. &c. Surely the bones from the taking
of Seringapatam would make phosphorus by proper
calcination and decomposition with sulphuric acid.
I suppose you are laughing at all this philosophic
speculation. We have lately established in London, by
royal authority the Royal Institution, where lectures
on

Long Acre, London, Apr. 17. 1797.

Dear Sir,

By yours of July 8. 1796, I received a bill for 23 £ on M^r. Percy, which has been duly paid and placed to your credit. You then mentioned having written to me very fully, in respect to your daughter, by the Caledonia, Capt. Barrington - but as I have never received your letter I can say nothing about it. I have this day received a letter from M^r. J^r. Anderson, Dumfries, enclosing two letters for you, which shall be sent with this. I hope all the articles sent by the Lord Haveresbury are safely in your possession long before you receive this; and that every thing meets with your entire approbation. I do not think Capt. Price to be much your friend in having charged so much as 43. 3. 0 for the freight - I had, from what you said of him, placed too much confidence in him, and it was not till every thing was shipped, that I discovered the error. In future I shall make my bargain before any thing is sent on board. By the account I last sent you of the expenditure of the £300 you will find a balance in your favour of $\frac{1}{2}$ £ to this is to be added the 23 £ received of M^r. Percy. I have sent you by the Lord Thurlow, Indiaman, a box of the finest Manganesse, containing $\frac{1}{2}$ $\frac{1}{2}$ which was shipped on board her on the 8th Feb^y - the expence of which and the total account as it

DEC 17 1797
BSPS

21
21
21
21
21

Dr James Livingstone
Care of Messrs. Smith & Reid,
Calcutta.

From Mr. Blom
Date 17th March 1797
Paid in my A/c
£ 19 10 0

Post paid
from Europe

8 Dec
GPO

now stands between you and me, you will find on the next page, where it will appear that I am indebted to you in the sum of £19. 18. 2½, which I am ready to pay you on demand. I think you ought not to return to England till you have realised enough of rupees to live independent; as at this time, while the war continues, every article in life is at a most enormous price; and living in London is excessively high. It is impossible for me to say what commodities are the most proper for you to bring home - I believe gold, silver, and diamonds will always meet with a market in preference to all others. When you write again, say when you mean to return - mention whether all the things I sent out are arrived; also, whether you have received the glass vessels &c. ordered by David Scott Esq. Your nephew, Wm. Jardine is still in Grenada, and, I believe, doing very well.

I am, Dear Sir,

Your sincere friend & obed. servt.

Jos. Burke

Dr

1796
Dec. 16 To postage 2-0

1797
Jan. 23. N^o 30. To Dr. Little Money from Mr. Perry at Country } 1-0

Feb. 8. To 1. 7. Freight. Manzanilla. 2. 12. 6

Box, postage & shipping 11.

To balance 19. 18. 2½

23. 4. 8½

For

1796
May 29. By balance 0. 4. 8½

1797
Jan. 30. } By Cash from Mr. Perry 23. 0. 0

23. 4. 8½

1797
Apr. 17. By Balance 19. 18. 8½

Dr. Dinnidie,

Calcutta.

By favour
of Mr. Shirreff

Dec. 26 May 1796
Mr. G. M. 19

Dear Sir,

London, May 27. 1796.

I take the liberty to recommend the bearer of this, Mr. Shirreff, to your notice, as a very worthy person whose character will do honour to any recommendation. He has the misfortune to be deaf, and, I may say, also dumb, having been taught to speak - He is one of our first miniature painters, and I doubt not, will succeed well in Calcutta, where he means to reside. Yesterday I wrote a few lines to you by the purser of the *Arley Castle*, a Mr. Wilson whose cousin the watchmaker you know very well. Mr. Wilson has in his charge the things you ordered from Dudley Adams, for which I have paid some freight as the enclosed acct. will shew - if he ask any more it may be settled when he meets you. In my letters of Sept. & November last I answered, as well as I could, every query you had put to me - the questions respecting astronomy &c. I referred to Horton, who wrote a very long letter on the subject in Sept. - I think Horton is offended, having been told that there were some other person besides him & me that you had applied to in regard to the mist business. He did not say to me that he was offended, but I can pretty well see it. The person who has the Philosophic apparatus is in prison - Horton has lent him money and his demand on Horton for the value of the apparatus is so extravagant that Horton will not buy them. I never met with any thing in my life that gave me so much trouble & anxiety of mind as the orders I have received in your several letters. It has been my desire to fulfill every wish of yours but I must say it is not in my power to accomplish every thing you have mentioned. My own business requires the whole of my attention, and unless I could

could spare more time it will be impossible for me to be so useful an agent for you here as you require. In your last letter dated, I think, Aug. 28. you desire me to keep as much of the 300£ as possible - now by the account which accompanies this, you may observe that I have disbursed the whole except 4 sh. & 8^d and that according to orders received from you to pay for the books, instruments &c. If Norton had executed your orders I must have advanced money to him, and if I had sent out the quantities and variety of things you mentioned, my account against you would have been very great compared to what it now is. I have executed the order for glass sent to me from David Scott & Co. it has been packed & ready above a month ago, waiting for their order to ship them. What trouble might have been saved to me and expence to you had I been at first referred to D. Scott & Co. for shipping your goods. Capt. Price will no doubt explain to you the reason I paid the freight of the sum of \$3,300 which, as you will be told by Mr. Waters the purser, I repeatedly refused to pay till I received (this very day) a letter from Capt. Price, who is now at Portsmouth, desiring me to settle with the purser, Mr. W. - Now that I am referred to D. Scott & Co. to ship any thing that may be wanted I shall be very attentive to any order they may favour me with. In a former letter I informed you that your daughter was married to a young man a gunsmith, who afterwards enlisted into a fencible regiment, since gone to Ireland. In the letter, I enclosed one from Mr. Anderson of Dumfries, which would contain every particular respecting the married couple - I suppose by this time they have made a grand papa of you. I never heard from Mr. Anderson but once, and I wrote immediately to you the result of his correspondence.

The assortment of books sent out in the D. Hawkesbury will afford you every information in chemistry. You will find the price of every book written with a pencil by Leigh & Co. - I requested them to use filtering paper to pack with and they advised the whole to be put into a leather trunk, which will fetch a good price at Calcutta. The drawings of steam engines by Wood, are in the same trunk with the books.

I am, Dear Sir,
very sincerely yours,

Jos. Furne

26 May 1796

Dr Dinnidde

Calcutta.

26 May
1796

Mr Blinn

Calcutta

acid drawn from such nitre will consequently contain some marine acid. Now there are many ways to purify the nitrous acid, perhaps by silver is the most usual way, and, in a mint, I should think the best way. The luna cornea may be easily reduced, either by mixing it with red lead and giving it a gentle heat in a crucible - or mixing it very intimately with veget. alkali and fluxing the mixture in a crucible lined with charcoal and clay. If the vitriolic acid be carefully added to the nitre, there will be none of that acid come over with that of the nitre. In the manufactories they chiefly use iron pots, and the refiners decompose the nitre by green vitriol in such pots, to which they affix an earthen head, with one or two necks or arms to it. In distilling nitrous acid the first runnings, which are very highly coloured, contain all the marine acid, especially if a little cold water be placed in the receiver: and the greatest part of what follows is pure acid though the nitre be unrefined - towards the very end of the operation, when the heat is much augmented, the vitriolic acid is apt to come over. all the queries you made to me concerning refining of metals especially gold & silver, have been answered by Gorton's letter of Sept. He gave it me to peruse and I found it to be full of information - this letter and one I wrote at the same time were put into the post office at the India House. I believe there is no loss in precipitating silver with copper in the parting process: and if sea salt be used, I think the luna cornea being reduced carefully, as above stated,

stated the loss of silver will not be worth mentioning. If you decompose with alkali observe that the Luna cornea be intimately mixed with the alkali and water into a paste, about 3 of alkali to one of Luna, and some more alkali put round the mass. I believe it is more convenient and requires less heat to do it with red lead than with alkali. I have this moment been told that Mr. Wilson is just going away to join his ship at Portsmouth. I shall, therefore, make haste to enumerate what I have sent in the Lord Howkesbury, beside the books from Leigh & Sothely, and the goods from Mr. Adams, Fleet Street.

I remain, Dear Sir,

Your sincerely
 I have written something similar to the above, by a Mr. Nisbett, purser of the Lord Buckingham.

Jos. Hume.

one case contains 3 bottles oil of vitriol
 2: 2 breadth }
 2: 2 length } 3 Vitriolic ether
 1: 6 depth } 1 Nitrous ether
 2 Nitric acid

another same size contains 9 bottles of Nitric acid.

Ditto contains 9 bottles of Nitrous acid.

one case
 3.7 length } contains as on the other side
 2.5 breadth }
 1.6 height } vit.

Vegetable alkali
 Mineral alkali
 Sympathetic Ink
 Prussiate of Lime
 Prussiate of Potash
 Muriate of Baryles
 Mineral Camelon
 Oxygenated Muriate
 Phosphorus
 Mixture of Galls
 Vit. alkali
 Nitrate of Copper
 acid of Sugar
 Corros. Sublimat
 Nitrate of Bismuth
 Nitrate of Am. silver
 Manganese powdered
 Sulphur
 Cobalt ore
 Bismuth
 Zinc

decolorated Baryles or Withorite
 Borax refined
 Crude Tartar
 Crude Sal Ammoniac
 Sugar of Lead
 Blue Vitriol
 Powder for putting
 Mild Volatile alkali
 Litmus
 Turmeric
 Brazil wood
 Phil corks
 Phials $\frac{1}{2}$ of them stoppered
 Small Wedgewood's mortars
 24 Melting Pots
 Black Lead
 2 books from Sturton
 2 models of furnaces from
 Ditto.

done by James Wood, Fleet Street, to whom I have
paid ten guineas. Mess^{rs} Leigh & Sotheby have put
the price of each book on the blank sheet with a
black lead pencil, which you can easily rub out
with a piece of bread. By the same ship are
the various articles from M^r. Adams (late G. Adams)
in Fleet Street - for these I have likewise paid her
demand, viz 8y^l 10^s. The books of Leigh & Sotheby came
to £39. 17. 3. Florton says you have employed others in
London to send you information concerning the
minst and assaying, and he appears to me to be
not very well pleased at it. He says the man
to whom the apparatus for Philos. fire works belongs
is in prison and demands an exorbitant price for
it, which he thinks imprudent to give. He says
that all the airs may be coloured without the use
of ethers & that you very well know how that is to
be done. When I had finished your order I did
not know that you could make oil of vitriol, if
you can do that you can very easily make the
nitrous acid in India where nitre is so cheap.
This article has been extravagantly dear in this country
I have paid near nine guineas per ^{lb} which makes the
nitrous acid turn out very high. There are many
opinions in respect to the quantity of vitriolic acid
necessary to decompose nitre - I always use an
equal weight, which, though there be more acid than
sufficient to decompose the nitre yet the product is
more plentiful and better. Nitre, as it is imported
from the E. Indies, always contains sea salt, the
acid

Dear Sir,

London, May 26. 1796

This I hope will be delivered to you by the
purser of the *Stirycastle*, M^r. Wilson, whom I
wish I had been fortunate ^{enough} to have known before
I shipped your order; I believe it would have
saved me a very great deal of trouble and you
some expence. By the *Lord Hawkesbury*, Capt. Price
I have sent every thing for you, which you ordered
that I thought proper to send, a list of which I
shall add to these lines. Every thing was ready
many months ago, but I was obliged to unyack
them on account of the mineral acids being
prohibited; however I have found means, by
changing the names, to get above 150. of nitrous and
nitric acid, and a few pounds of vitriolic acid. Had I
known what trouble and anxiety of mind the execu-
ting of your orders would have occasioned I certainly
would never have engaged in it - and it is a great
regret to me that I was not told sooner to make
use of David Scott & Co. to ship your goods. I wrote to
you twice last year to inform you of every particu-
lar, and that the ships would not sail before this
month at soonest. As I had engaged with Capt. Price
to take them all, and expected, as he knew you, that
I should have nothing to pay here for freight, but
that he would settle with you in India, I assured myself
that I should have more money to spare than what
I fear

fear will be left— Mr. Waters, purser of the *L. Hawk*,
has sent me a bill for £43. 3. 0 for the freight, which
at this moment is not paid, nor do I mean it should,
till I hear from Capt. Price, to whom I have written
at Portsmouth. Had I not depended on one ship only,
it would have been better managed, and the goods
shipped sooner— there is one fleet sailed about a
week ago, and the last will probably sail in a
short time. As I had no orders from you to insure,
it has not been done. By the ship that brings
this you will receive what was ordered from Mr.
Dudley Adams, for which I paid him his demand ^{£27. 15. 6}
and to Mr. Wilson, the bearer, I paid 2 guineas & half,
if there be any more to pay he said he would settle
it with you. I have been favoured with a number
of letters from you, all of which contain orders so very
different in the number and quantity of the articles
that I have been at a loss how to act. I have
therefore abided more by my own judgment than
the contents of your letters, which I hope you'll readily
excuse, when you know the reasons— indeed I have so
much to say, were it in my power to spare the time,
that a great many sheets would not be sufficient.
All the chemical questions that I could answer were
answered in my letter written in November last and
any other you may require will be found in the books
which were ordered. I find it impossible to get any
information from the practical people here except from
Horton, who wrote to you every thing he knew in Sept.
last. Horton also sent two books and two models of
furnaces, which are in the box with the chemicals.

The books

The books, Horton says, contain all his knowledge of
assaying, and recommends them to your attention.
I have sent 1st of phosphorus but no phosphuret of zinc,
as it will not keep— there is 1st the oxygenated muriate
of potash— there is a mixture of powdered gum arabic and
almonds, which you'll find the most convenient thing for
putting— let it be beaten in a mortar with a little water
to a stiff paste, and applied to the junctures. Some articles
sent may perhaps appear useless to you, but if you read
the books it will be found that they are all necessary,
as an instance, dissolve some sugar of lead in distilled
water, filter, and suspend a piece of zinc in the solution,
and in a short time you will observe the lead grow
upon the zinc with all its metallic splendour. Perhaps
this and many other tricks you must by this time
be master of. I need not tell you that the nitrate of
copper evaporated to crystals, when put into a piece
of tin foil produces an explosion. Though there
may be great plenty ^{in India} of many articles now sent
such as borax &c. I thought it better to send you
some of those which are useful than run the risk
of your being without them. As some artists here
now and then use corrosive sublimate to toughen gold,
by putting a little into the crucible, I have sent a
little for trial. By the *Lord Hawkesbury* you will
also receive the books you commissioned, all of
which I bought of Mess^{rs}. Leigh & Sothby in York St.
Covent Garden, and have paid for them. They are
packed in a leather trunk by their advice, as the
trunk will fetch more than its value in India. They
have used filtering paper to pack the books, which
may be useful to you. In the same trunk I have
sent the drawings of the Steam Engine which were
done

May 17. 1796

From
Mr. Mann.
17 May
1796

Dr. Dinnidde
Calcutta

130
8
1040
3
312
520
3440

97

London, May 17. 1796

Dear Sir,

By the Lord Hawkesbury, Capt. Price, you will receive all the things you ordered of M^{rs}. Adams, Widow of the late Geo. Adams; and the books you ordered, which, for particular reasons, I purchased of Mess^{rs}. Leigh & Sothby; these are besides these, four cases containing chemicals of which I shall subjoin a list in this sheet, for I think every opportunity should be taken to acquaint you with particulars, while war and other circumstances render correspondence precarious. I shall take other occasions to write to you now that every thing is shipped which I mean to go with this fleet. Please to observe that Mess^{rs}. Leigh & Sothby have marked with a pencil, which may be easily rubbed out, the price on every book, that you may be a judge how to sell them. As some paper was necessary to pack the books, I desired they might be packed with filtering paper, both red & white. After your first order for chemicals was completed, and that is many months ago, I was obliged to unpack every thing in order to keep back the acids, which, at that time, I did not know were prohibited - I have

I have, however, contrived to send above 150th of nitrous acid and near 40th of Vitriolic acid - you will observe 11 large bottles with Nitric acid, labelled Sp^t Nitricus 9 large bottles Nitrous acid, labelled Sp^t Nitrosus - and 3 large bottles of Vitriolic acid, labelled Sp^t Sulphuric. I did this lest they might have been examined. In the chest with the books are Ja^s Wood's plans of the Steam engines. I enclose here a letter from him. I am not sure whether I must pay the freight of all your things, if so, it will amount to near 50 £. On board of the Airy Castle, Capt Esplin, are the articles from Dudley Adams. I have paid him; also M^r Adams, Fleet Street; and the books. If I do not pay the freight I shall have near 50 £ left out of the 300 £ - It would have saved an immense deal of trouble to me, had I known that you would have staid in India, and that the house of David Scott & Co would manage the shipping part of the business. I have so much to say that I must write various letters, for my time is indeed very much employed in business - I shall here mention what are sent from me. I believe this will be conveyed by a M^r Nesbitt purser of the Lord Rockingham, Capt. Lindsay.

Yours most sincerely,
 J. F. Herne

By the Lord Flankesbury, Capt. Price

Your order from M^r Adams in, I believe, two cases
 Do. of Books, from Leigh & Co in a leather trunk.
 From myself.
 Sulphuric acid - vitriolic ether, } 1 case { 2.2 } measure
 Nitrous ether - Nitric acid. } 1 case { 2.2 }
 { 1.6 }

Nitric Acid, nine bottles in a case of the same size
 Nitrous Acid, Do. in a case of the same size

- Veget. alkali - Mineral alkali
- Sympathetic Ink - Prussian Lime
- Prussian Alkali - Muriate of Barytes
- Mineral Camelon - Oxygenated Salt
- Phlogiston - Tinct. of Galls
- Caust. Vol. alkali - Nitrate of Copper
- Acid of Sugar - Corros. Sublimite
- Nitrate of Bismuth - Nitrate of Amick Silver
- Powder of Manganese - Sulphur
- eball ore - Bismuth - Lime
- Barytes - Borax - Argol
- Crude Sal Ammoniac - Sugar of Lead
- Blue Vitriol - Powder for Luting
- Mild Vol. Alkali - Lignum - Turmeric
- Brazil Wood - Phial caps - Shields
- Mottars - Melting pot

These in one case,
 which measures
 Length 3.7
 Breadth 2.5
 Depth 1.6