

voro lighthouses, that while the force of the breakers on the side of the German Ocean may be taken at about a ton and a half upon every square foot of surface exposed to them, the Atlantic breakers fall with about double that weight, or three tons to the square foot; and thus we reckon that a surface of only two square yards would sustain a blow from a heavy Atlantic breaker equal to about fifty-four tons! When, in November, 1824, a heavy gale blow, and another at the beginning of 1829, blocks of limestone and granite from two to five tons in weight were washed about like pebbles at the Plymouth breaker-water. About three hundred tons of such blocks were borne a distance of two hundred feet, and up the inclined plane of the breaker-water; and they were carried over it, and scattered in various directions. A block of limestone, seven tons in weight, was in one place washed a distance of 140 feet. Blocks of two or three tons weight were torn away by a single blow of a breaker, and hurled over into the harbor; and one of nearly two tons, strongly trenched down upon a jetty, was torn away and tossed upwards by an overpowering breaker.

**DOCTORS' VISITS.**—It is not only for the sick man, but the sick man's friends, that the doctor comes. His presence is often as good for them as for the patient, and they long for him yet more eagerly. How we have all watched after him! what an emotion the thrill of his carriage wheels in the street, and at length at the door, has made us feel! How we hang upon his words, and what comfort we get from a smile or two, if we can vouchsafe that sunshine to lighten over darkness! Who hasn't seen the mother prying into his face, to know if there is hope for the sick infant that cannot speak, and lies yonder, its little frame battling with fever? Ah, how she looks into his eyes! What thanks if there is light there; what grief and pain if he casts them down, and dares not "hope!" Or is it the father who is stricken? The terrified wife looks on, while the physician feels his patient's wrist, smothering his agonies, as the children have been called upon to stay their plays and their talk. Over the patient is the fever, the wife expectant, the children unconscious, the doctor stands as if he were Fate, the dispenser of life and death; he must let the patient off this time, the woman prays so for his respite. One can fancy how awful the responsibility must be to a conscientious man; how cruel the feeling that he has given the wrong remedy, or that it might be possible to do better; how harassing the sympathy with survivors, if the case is unfortunate; how immense the delight if victorious.—*Thackeray's Pendermis.*

**ENGLAND.**—The aggregate wealth of England is estimated at £4,447,000,000; of which amount, £1,700,000,000 is in cultivated soil; £550,000,000 in dwellings, factories, &c.; £750,000,000 in waste lands, public buildings, churches, hospitals, prisons, naval and military establishments; £300,000,000 in railways; £245,000,000 in live stock; £200,000,000 in canals; £200,000,000 in manufactured goods; £230,000,000 in agricultural implements; and £120,000,000 in mines.

**SCIENCE AGAINST SUPERSTITION.**—Professor Nichol, a distinguished astronomer in Scotland, having recently been requested to

give his opinion regarding the supposed influence of the change of the moon on the weather, says very decidedly, "No relation exists between these two classes of phenomena. The question has been tested and decided over and again by the discussion of long and reliable meteorological tables; nor do I know any other positive way of testing any such point."

**AN INTERESTING RELIC.**—A convex glass has been discovered at Pompeii, supposed to be a magnifying lens, from which it is inferred that the ancients, contrary to the prevailing belief, were aware of its power. It is difficult to conceive how, without the aid of such lenses, they could have worked the fine gems which the unassisted human eye is unable to read.

### OFFICIAL.

HALIFAX, FEBY, 14th 1857.

Recording Scribes will bear in mind that the seal of their Division should be affixed to all official communications.

As the Grand Scribe wishes to complete his Return to the National Division, it is hoped that the Returns due by Subordinate Divisions for 1856, will be forwarded without delay.

Divisions wishing to admit female visitors, can now be supplied with the necessary cards, at 2s. 6d., per set of five.

Such Divisions as have not yet forwarded two copies of their Bye-laws, as required in November No. of *Abstainer* will please do so without delay.

The following appropriations have been made towards the expenses of Representatives to next meeting of the National Divisions:—

Chobucto Div.	£2 10 0
Mic-Mac "	1 10 0
Athenæum "	1 10 0
Wolfville " (paid)	1 0 0
Mayflower "	1 10 0
Royal "	2 0 0
Wellington " (paid)	7 6
Star " (paid)	1 0 0
Oriental "	2 10 0
Albion Mines Division	1 5 0

The G. S. deems it necessary to inform the Subordinate Divisions, that the Representatives to the National Division will attend the next meeting of that body for the purpose of representing the general interests of the Order in this Province, independent of the question of separation. It is hoped therefore, that such Divisions as have not yet made appropriations towards the expenses of the Representatives elected at the Annual Session of the G. D., will do so without delay.

In reply to a "Son," the G. S. would state that "individuals may contribute towards this object."

The Grand Scribe would request parties ordering the *Abstainer*, to state whether they are for Divisions or Clubs; and also the time they wish their subscriptions to commence.

Divisions indebted to the G. D. for *per capita* tax for the year 1856, will please forward the several amounts due by them immediately.

PATRICK MONAGHAN,  
Grand Scribe.

Additional copies of *Abstainer* ordered since last issue:—

HALIFAX.—John Shean, 2; Wm. Phillips, 1; W. C. Silver, (new) 1.

WINDSOR.—Daniel Mosher, 5.  
LOWER HORTON.—George McGregor, 15.  
OLD BARNs.—Henry Christie, (new) 10.  
TRURO.—J. K. Blair, 5.  
LONDONDERRY.—Rev M. Parker, (new) 1.  
LUNENBURG.—J. W. Dauphoney, 1.  
RAGGED ISLANDS.—John Locke, senr., 2.  
NICTAUX FALLS.—Victoria Mines Division, (new) 14.

### NEW BRUNSWICK.

BAY VERTE.—Joseph C. Harper, 16.  
SACKVILLE.—Arthur G. Chase, (new), 10.

The Grand Scribe acknowledges the receipt of the following amounts on account of the *Abstainer*:—

C. Bill, Liverpool, on account	£2 5 3
Garland Division	1 12 6
Invincible Division	1 5 0
Morning Star Division, No. 38	1 5 0
Royal Division, on account	1 0 0
Henry Christie, Old Barns, col., 10	1 5 0
J. K. Blair, Truro, on account	15 0
Wilberforce Division, on account	16 3
Daniel Mosher, Windsor, 35	4 7 6
Geo. McGregor, Lower Horton, 50	6 5 0
Rev J. Cameron, N. M. River, 20	2 10 0
Joseph C. Harper, Bay Verte, N. B., additional	2 10 0
Arth. G. Chase, Sackville, N.B., 10	1 5 0
John Locke, Ragged Islands, addl.	3 9
J. J. Blackburne, Shubenacadie, on account of balance	7 6
Wm. Phillips, Halifax, additional	2 6
A. Langley, Paradise, 10 copies	1 5 0
Agricola Division, 20	2 10 0
June Rose Division, 20	2 10 0
Single subscriptions	12 6

The undernamed have paid their subscriptions in advance for one year from 15th October, 1856:

HALIFAX.—J. Shean, 2 additional copies, Thomas Wesley, W. C. Silver.

For one year from 15th January, 1857:—  
LONDONDERRY.—Rev M. Parker.

### Form of Application for a Charter for a Division of the Sons of Temperance.

The undersigned, inhabitants of ———, believing the Order of the Sons of Temperance to be well calculated to extend the blessings of Total Abstinence, and promote the general welfare of mankind, respectfully petition

THE GRAND DIVISION OF THE PROVINCE OF NOVA SCOTIA,

to grant them a Charter to open a new Division, to be called the ——— Division, No. —, Sons of Temperance of the Province of Nova Scotia, to be located in ———, and under your jurisdiction.

We pledge ourselves, individually and collectively, to be governed by the rules and usages of said Grand Division, and also by those of the National Division of North America.

Enclosed is the Charter fee, \$5, Books, &c., \$2. Address Mr. P. MONAGHAN, Grand Scribe of Grand Division, Halifax.

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ORGAN OF THE GRAND DIVISION OF THE SONS OF TEMPERANCE OF N. S.

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