The Street of By-and-Bye.

BY MRS. ABDY.

'By the street of 'By-and-bye' one arrives at the house of 'Never.'-[Old Saying.

you to beware!

Beguiling is the pleasant way, and softly breathes the air;

great, and high,

and-bye.

How varied are the images arising to my sight, Of those who wished to shun the wrong, who loved and prized the right!

Yet from the silken bonds of sloth they vainly strove to fly,

Which held them gently prisoned in the street of By-and-bye.

A youth aspired to climb the height of learn- seconds, and to work ten hours a day.

ing's lofty hill;

quelled his earnest will?

wistful eye?and-bye.

'My projects thrive,' the merchant said; 'when doubled is my store,

How freely shall my ready gold be showered among the poor!'

mourner's tear to dry;

He never journeyed onward from the street of By-and-bye!

'Forgive thy erring brother, he has wept and suffered long!

me grievous wrong;

Yet will I seek my brother, and forgive him, cript. ere I die!

By-and-bye!

The wearied worldling muses upon lost and wasted days,

Resolved to turn hereafter from the error of his ways;

To lift his grovelling thoughts from earth, and fix them on the sky;

Why does he linger fondly in the street of By-

Then shun the spot, my youthful friends; work on while yet you may;

Let not old age o'ertake you as you slothfully

Lest you should gaze around you, and discover, with a sigh,

You have reached the house of 'Never' by the street of By-and-bye!

-[Ladies' Companion.

Book-Making in the United States.

It is somewhat surprising to know that the millennium." number of houses now actually engaged in the publishing of books, not including periodicals, republican convention at Philadelphia:amounts to more than 300. About threefourths of these are engaged in New York, Boston, divided between Cincinnati, Buffalo, Auburn, and I care not how soon it comes." Louisville, Chicago, St. Louis, and a few other places.

There are more than three thousand booksellers who dispense the publications of these 300, besides six or seven thousand apothecaries, grocers, and hardware dealers, who connect literature with drugs, molasses, and nails.

The best printing in America is probably now done in Cambridge; the best cloth binding in Boston, and the best calf and morocco in New York and Philadelphia. In these two latter styles we are as yet a long distance from Haydev, the pride of London. His finish is supreme. There devil." is nothing between it and perfection.

Books have multiplied to such an extent in our country that it takes 759 paper mills with 2,000 engines, in constant operation, to supply the printers, who work day and night, endeavoring to keep their engagements with publishers. These tireless mills produced 270,000,000 pounds of sie:paper the past year, which immense supply was " ld for about \$37,000,000.

A pound and a quarter of rags are required for a pound of paper, and 400,000,000 pounds were therefore consumed this way last year. The cost of manufacturing a twelve months' supply of paper for the United States aside from labor and rags is computed at \$40,900.000.

Some idea of the stock required to launch a popular work may be gathered from Messrs. Longman's Ledger. These gentlemen report that when 25,000 copies of Mr. Macaulay's two recent volumes went flying all abroad from Paternoster nection with the south." Row, no less than 5,000 reams of paper, 6 tons of pasteboard, and 7,000 yards of calico, were swallowed up.

Most of the large publishing houses now stereotype everything they intend to print. The electrotyping process is largely employed, and an experiment is now being made in Boston, of which we shall hear more at some future time, which, if successful, will decrease the expense of stereotyping about one-third.

We have lately heard that a machine is in use in New York for type-setting, and that the second prepared for press by its aid.

If old Mr. Caxton, who printed those stories of the falls crossed the bridge. Mayor of New York in one of his morning rounds course to give in appearance an increased depth practice. It occupies a prominent place in the Oh, shun the spot, my youthful friends, I urge in Franklin Square, he would be, to say the least, to the gorge, to render more indistinct and un- Crystal Palace. a little surprised.

a weight of 150 tons of presses. The electrotyp- respondingly to increase the intense feeling, prepared or the answer recorded, that the Ro-Yet none have ever passed to scenes ennobling, ing process would puzzle him somewhat; the dry- indeed anxiety I may say, which one must feel tunda of the Capitol, being 90 feet in diameter, ing and pressing process would startle him; the thus suspended with the ponderons train of would contain 2,830 persons, and allow each Who once began to linger in the street of By- bustle would make his head ache; and the stock- cars on apparently uncertain support over such 24 square feet, or 18 by 18 inches. room would finish him quite.

sist of 160,000 copies. Few persons have any calculation in this matter shall be proved at the transept or centre, measures 18 acres, and idea how large a sumber this is applied to un fault, and the bridge should give way under would contain at the same rate 347,000 persons edition of a book. It is computed that if these the immense loads which cross it, no soul and upon the ground. magazines were to rain down, and one man should scarcely a fragment of the falling objects The population of the globe, being estimated attempt to pick them up like chips, it would take would ever again be visible to tell the tale. at 900,000,000, could stand upon forty square number, supposing him to pick up one every three ished the interest of the work tended to dissi- square.

What dimmed his bright intelligence-what ufactured is almost incredible. A complete copy cables, each at least ten inches in diameter \$1,944. The salary of the President is \$683 of one of Bulwer's novels, published across the made of separate strands of wire, are its sup- per day. The pensions of the late Queen Ade-Why did the object of his quest still mock his water in three volumes, and reproduced here in port. These cables are anchored on each side laide was £100,000 per annum, equal to \$1,325 one, was swept through the press in New York in Too long, alas! he tarried in the street of By- 50 hours, and offered for sale smoking hot in the no more be moved than the Rocky Mountains. The revenue of the United States for 1851, streets. The fabulous edifice proposed by a Yankee from Vermont no longer seems impossi- high standing on the brink of both banks. second .- [Washington Telegraph.

'Build the establishment according to my plan,' upon which the bridge is suspended. said he; 'drive a sheep in at one end and he shall Vast grew his wealth, yet strove he not the immediately come out at the other, four quarters towers, width some 18 feet. But a single and judging from one constructed by Augustus of a lamb, a felt hat, a leather apron, and a quarto

The life of an extensive publisher is of necessity one of great labor, both of mind and body. He begins with author and ends only with the inevitable jar which a moving train occasions, twelve feet in diameter. The snow in the interior purchaser. Between these two worthies there I said to one, who answered-'He hath done lies a world of detail knows only to the 'Trade.' Success to the useful craft!-[Boston Trans-

Alas! Death shortly found him in the street of Valuation of the Union, by the Fremont Party.

cratic meeting, says-

good effect. We think that the liberty of a |- [Kenosha (Wis.) Tribune and Telegraph. single slave is worth more than all the Union ! God's universe can hold!"

Mr. Giddings has said-

Hear Rufus P. Spaulding, a member of the less, considerably exceed this amount.

Hear Erastus Hopkins, another member of the addition of an automatic distributor. the same convention:-

to the last extremity, where ballots are use- viz: a practical mechanical aid in composing less, then we'll make bullets effective. (Tre- and distributing type. The price of this typemendous applause.")

vertiser, a republican print:-

means, if it send all the party organizations in most of these have proved to be failures. One the Union, and the Union itself, to the of the more recently patented European ma-

pondent of the New York Tribuue, the leading | Dane. This combines the composing and disrepublican paper:-

states ought to separate."

be dissolved, even if blood have to be spilt."

being circulated:-"We earnestly request Congress, at its pre- by hand. sent session, to take such initiatory measures

for the speedy, peaceful and equitable dissolu- tributing machine, invented by Mr. V. Beau- Iron Works. tion of the existing Union, as the exigencies of mont, has also recently been exhibited in New the case may require."

republican editor in the country:-

Hear Thomas Ford, a member of the freesoil Know Nothing convention at New York, and a supporter of Fremont:-

"The time has come when we must declare we love freedom better than the Union." Hear Linus B. Comins, a republican member

of the U.S. house of representatives from Massachusetts:-"I am in favor (in certain contingencies) of drawing black lines around the constitution,

and writing the word 'expunged' across its

face."-[Boston Statesman, Aug. 22.

volume the Harpers now supply for twenty-five bridge must take the same place. No descrip- accounts, is one of its conveniences.

publishing houses, covers half an acre of ground. midnight when the train in which I approached question than to prepare the statement.

an awful gorge.

pate all possible ground of fear. The immense The expense of the United States House of under immense abutments of stone, which can per day. From these cables other smaller cables depend,

It is 822 feet in length between the two

falls are above it some two miles, but are of the layer of snow. visible.

against his master; when the torch of the in- line, and dropped on endless belts, by which cendiary shall light up the towns and cities of latter they are carried with great rapidity and greatly facilitating the operation. the south, and blot out the last vestige of in proper sequence to the point where they are slavery. And though I may not mock at their set up, in long lines ready for justification. A calamity, nor laugh when their fear cometh, girl, after a few months' practice, can set up chink, and a low door was cut through the walls yet I will hold it as the dawn of a political type in this manner at the rate of 4.000 ems per hour, and a skilful compositor could doubt-

The justification is afterwards done by hand "In the case of the alternative being pre- in the usual way. The progress of the invensented of the continuance of slavery or a dis- tion has hitherto been seriously impeded by a defect which is now about to be supplied by

It is believed that these machines will afford "If peaceful means fail us, and we are driven what has hitherto remained a desideratumsetting machine is seven hundred dollars.

Hear H. M. Addison, of the American Ad- We may here add, that, within the past few years, several machines have been invented for "I detest slavery, and say unhesitatingly setting type, in England, France, Germany and that I am in favor of its abolition by some Denmark, as well as in the United States; but chines, and which is now in practical operation Hear "J. S. P.," the Washington corres- in Paris, was invented by Mr. Sorensen, a just published by Messrs. Lay and Brother, of serves: Hear a republican clergyman of Poughkeep- this city-being automatic, and placed upper-"I pray daily that this accursed Union may caused to fall from their cases in the compos-Hear a republican petition to Congress, now hollo v cone, through the lower end of which they pass, and are set in lines, to be 'justified'

ance .- [Monthly Rainbow, July.

FULLER'S COMPUTING TELEGRAPH. - We used to think it was a jest-the idea of a calculating machine; but we have seen it and its ingenious proprietor, Mr. Fuller. The rapidity and accuracy with which all business problems are solved is truly surprising. It needs only to be seen to be admired.

Although an American invention, it has been extensively sold in England, France, Germany and Holland. Upwards of thirty of the principal London bankers have it in use. It computes interest at every possible rate per cent., volume of Mr. Irving's Life of Washington was GRAND SUSPENSION BRIDGE .- I have some upon any sum of money, for any length of time, doubt whether any part of the world can pre- both at three hundred and sixty and three Four hundred years ago, a single book of gossip- sent the same combination of attractions to hundred and sixty-five days to the year, and ing fiction was sold before the palace gate, in the visitors as can this spot. The falls, as a has a most perfect time-telegraph to compute French capital, for fifteen hundred dollars. The wonder of nature, stand confessedly without a the number of days any note has to run. To same amount of matter contained in this expensive rival, and in art, it seems to me the suspension work equations of payments, or average of

cents. Costly books, however, are not out of tion in print has ever conveyed or ever can | Copies have been purchased in Washington cashion, for we are all glad to know that seventeen convey an adequate conception of this stupen- by all the departments, for use in the public

hundred subscribers have already been obtained dous work. It is one of the things, which like offices, as well as by the principal bankers, for Professor Agassiz's splendid new enterprise. the falls, to be understood and appreciated merchants and mechanics. Less time is re-The Harper establishment, the largest of our must be seen. It was a most lovely moonlight quired to obtain an answer to any business

Full printed directions accompany the work. the Trojan war so long ago, could follow the ex- The effect of the uncertain light was of It is learned by one or two hours study and

defined the cables and threads upon which the In response to some questions yesterday, he He would see in one room the floor loaded with bridge is supported and suspended, and cor- stated in less time than the question could be

The Crystal Palace, he said being 1,851 feet An edition of Harper's Monthly Magazine con-. If the time ever should come when human long, and 400 wide, with an additional acre to

him a fortnight to pick up the copies of one single Daylight, however, while it in no wise dimin- miles, or an area of six and 33-100 miles

The rapidity with which books are now man- strength of the structure was revealed. Four Representatives at \$8 per day, amounts to

They pass over square towers at least 70 feet at 52 millions, is equal to \$1.65 cents per

Snow Houses .- The winter habitations of the Esquimanx who visit Churchill are built of snow, track crosses it, although bars are so laid as to-day, they are very comfortable dwellings. to accommodate the wide as well as narrow Having selected a spot on the river where the guage. I stood on it when several trains snow was about two feet deep, and sufficiently crossed and could detect nothing more than the compact, he commenced by tracing out a circle The track above the river is 245 feet, and I of the circle was next divided with a broad knife, need hardly say, standing at that elevation on having a long handle, into slabs three feet long, such a structure, the view is sublime. The six inches thick and two deep, being the thickness

These slabs were tenacious enough to admit of I have visited the falls before, but never being moved about without breaking or even losing viewed them so closely and in so many favor- the sharpness of their angles, and then had a able aspects and points, as on this visit, and slight degree of curvature corresponding with The True American, a black republican was never before so impressed with their char- that of the circle from which they were cut. organ in Erie county, Pennsylvania, in com- acter. An attempt at description is useless. They were piled upon each other, exactly like menting upon a speech delivered at a demo- Human thought can scarcely grasp them, and courses of hewn stone, around the circle which language is not adapted to them. They are was traced out, and care was taken to smooth "This twaddle about the 'Union' and its something to be felt, not to be talked about, the beds of the different courses with the knife, 'preservation' is too silly and sickening for any and to be in anywise appreciated must be seen. and to cut them so as to give the wall a slight inclination inwards.

The dome was closed somewhat suddenly and THE TYPE-SETTING MACHINE-recently pa- flatly, by cutting the upper slabs in a wedge tented by W. H. Mitchell, of Brooklyn, N. Y., form, instead of the more rectangular shape of "I look forward to the day when there shall has been more than a year in actual operation, those below. The roof was about eight feet high, be a servile insurrection in the south; when in the printing office of John F. Trow, New and the last aperture was shut up by a small cothe black man, armed with British bayonets, York. It is operated by means of finger-keys, nical piece. The whole was built from within, and led on by British officers, shall assert his by which the letters are lifted singly from their and each slab was cut so that it retained its pofreedom, and wage a war of extermination cases or slides, where they are arranged in sition without requiring support until another was placed beside it, the lightness of the slabs

> When the building was covered in, a little loose snow was thrown over it to close up every with the laife. A bed place was next formed, and neatly faced up with slabs of snow, which was then covered with a thin layer of fine branches, to prevent them being melted by the heat of the body.

At each end of the bed a pillow of snow was Philadelphia, and Baltimore, the balance being solution of the Union, I am for dissolution, the want of an efficient distributing apparatus, erected to place a lamp upon—and lastly, a porch was built before the door, and a piece of clear ice was placed in an aperture cut in the wall for a window.

The purity of the material of which the house was framed, the elegance of its construction, and the translucency of its walls, which transmitted a very pleasant light, gave it an appearance far superior to a marble building-and one might survey it with feelings somewhat akin to those produced by the contemplation of a Grecian temple raised by Phidias-both are temples of art, inimitable in their kinds .- [Franklin's Journey to the Polar Sea.

IMPROVEMENTS IN MAKING STEEL .- It is said that there have been but two improvements tributing apparatus in one machine, the latter in the art of making this indispensible material "I have no doubt but that the free and slave |- as we learn from the 'Newspaper Record,' for a century past. The Albany Journal ob-

Mr. J. M. Heath discovered the effect of Carmost. On touching the keys, the type are buret of Manganese, to improve the quality of poor steel. Recently an Austrian army officer, ing part on the inner surface of an inverted Capt. Achalius, has perfected a new process of manufacturing it which promises to revolution the business. His own Government, persuaded of the practicability of his method, has We also learn from the 'Record,' that a dis- engaged in making it at some of the Imperial

In all cases it proved to be equal to, and in York, and is about to be introduced into a many superior, to the more costly Cast Steel of Hear Horace Greeley, the most prominent printing office in that city; and, also, that yet England. It is admitted to have a much higher other machines, for both purioses, are being degree of strength than steel made by any other "The Union is not worth supporting in con- patented, and will shortly make their appear- method-a property that will go far to bring i into rapid and general favor. The process of manufacturing as witnessed by a citizen of Albany recently in Paris, and who is greatly interested in such operations, is thus described

> Pig iron of the best quality was melted in an ordinary cupola furnace and then poured into a large vessel of cold water and constantly stirred. This granulated the iron and formed it into particles about the size of course shot. These grains were dried to prevent oxydation. They were then put into a crucible and treated as blistered steel is treated at Sheffield to produce Cast Steel, excepting that very small proportions of the Oxide of Manganese and of pulverized Spathose Iron Ore, were added to the grains of Iron thrown into the crucible.

> THE term 'volume' is from volvo, to roll, the earliest manuscripts being in the form of a scroll or roll.

· Learn to be obedient-all saints.