A FEW FACTS ABOUT CELEBRATED MEN. Some literary men make good men of business. According to Pope, the principal object of Shakespeare in cultivating literature was to secure an honest independence. He succeeded so well in the accomplishment of this purpose that, at a comparatively early age, he had realised a sufficient competency to enable him to retire to his native town of Stratford-upon-Avon. Chaucer was in early life a soldier, and afterward a commissioner of customs and inspector of woods and the invention about the same time. An interference was

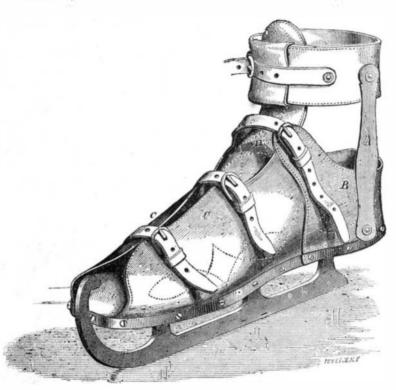
crown lands. Spencer was secretary to the Lord Deputy of Ireland, and is said to have been shrewd and sagacious in the management of affairs. Milton was secretary to the Council of State during the Commonwealth, and gave abundant evidence of his anergy and usefulness in that office. Sir Isaac Newton was a most efficient Master of the Mint. Wordsworth was a distributor of stamps; and Sir Walter Scatt a clerk to the Court of Session-both uniting a genius for poetry with punctual and practical habits as men of business. Ricardo was no less distinguished as a sagacious banker than a lucid expounder of the principles of political economy. Grote, the most profound historian of Greece, is also a London banker. John Stuart Mill, not surpassed by any living thinker in profoundness of speculation, lately retired from the examiner's department in the East India Company, with the admiration of his colleagues for the rare ability with which he had conducted the business of the department. Alexander Murray, the distinguished linguist, learned to write by scribbling his letters on an old wool-card with the end of a burnt heather-stem. Professor Moor, when a young man, being

the book, and copied the whole of it with his own hand. William Cobbett made himself master of English grammar when he was a private soldier on the pay of sixpeace a day. The edge of his berth, or that of his guard-bed, was his seat to study in; a bit of board lying on his lap was his writing table; and the evening light of the fire his substitute for candle or oil. Even advanced age, in many interesting cases, has not proved fatal to literary success. Sir. Henry Spelman was between fifty and sixty when he began the study of science. Franklin was fifty before he fully engaged in the researches in natural philosophy which have made his name immortal. Boccacio was thirty-five when he entered upon his literary career: and Alfieri was fortysix when he commenced the study of Greck. Dr. Arnold learned German at forty, for the sake of reading Niebuhr in the original. James Watt, at about the same age, while working at his trade of an instrument maker in Glasgow, made himself acquainted with French, German and Italian in order to peruse the valuable works in those languages on mechanical philosophy. Handel was forty-cight before he published any of his great works. Nor are the examples of rare occur rence in which apparently natural defects, in early life, have been overcome by a subsequent devotion to knowledge. Sir Isaac Newton, when at school, stood at the bottom of the lowermost form but one. Barrow, the great English divine and mathematician, when a boy at the Charter-house School, was notorious for his idleness and indifference to study. Adam Clarke, in his boyhood, was proclaimed by his father to be a grievous dunce. Even Dean Swift made a disastrous failure at the university. Sheridan was presented by his mother to a tutor as an incorrigible dunce. Walter Scott was a dull boy at his lessons, and while a student at the Edinburgh University received his gentence from Professor Dalzell, the celebrated Greek scholar, that "dunce he was, and dunce he would semain." Chatterton was returned on his mother's hands as " a fool, of whom nothing could be made." Wellington never gave any indications of talent until he was brought into the dry warm bed, and a few doses of thick wheaten-flour

field of practical effort, and was described by his strongminded mother, who thought him little better then an idot, as fit only to be "food for powder."

IMPROVED SKATE AND ANKLE BRACE.

The skate illustrated in the annexed engraving is the ombined invention of J. F. Blondin (the celebrated rope walker), Frank Douglas, N. H. Spofford and J. B. Hernshoof, all of whom applied for separate patents on



IMPROVED SKATE AND ANKLE BRACE.

too poor to purchase Newton's "Principia," borrowed declared at the Patent Office, but before the day ap- of a stock raiser given above is worthy of attention by pointed for opening the evidence in the case, the several parties compromised the matter between themselves, and the Patent was issued on Oct. 2, 1860, to Mr. Blondin assignee to himself and all the other parties named above.

Two brass plates, one, A, on each side, are fastened to the heel of the skate by pivots at their lower ends, and at their upper ends also by pivots to a broad leather strap, which passes around the leg above the ankle joint. While this arrangement allows all the freedom of motion requisite to the foot, it prevents that side turning of the ankle joint, which causes the greatest fatigue in skating and is the principal difficulty with beginners.

The straps for fastening this skate, besides being remarkably secure, operate as an extra clothing to the foot, preventing that coldness of the feet which is the principal discomfort in this delightful exercise. These are shown so plainly in the cut as hardly to require a description. The heel strap, B, is in the form of the counter to a shoe, the two pieces, C C, cover the sides of the foot, and the tongue, D, passes from the toe over the top of the foot, under all the narrow straps, to prevent these from pressing in a way to produce pain or

Messrs. Douglas, Rogers & Co., Norwich, Conn., manufacture the skate, and to them inquirics should be addressed.

WINTERING YOUNG STOCK.

We extract the following from a communication of a practical farmer, addressed to the Mark Lane Express

"Of all the departments of management connected with the breeding of cattle, few give the breeder so much anxiety as the rearing and subsequent care of his young stock. This is peculiarly the case in districts not altogether applicable to breeding purposes, and yet cannot well be appropriated to better uses. Young cattle cannot endure cold rimy frosts for any length of time; it causes scouring. The loss of condition in a short time is often surprising. My asnal remedy is the change of food,

grael, with a little laudanum in each. The issue is very precarious; I always think it a poor prospect, when I am obliged to resort to medicinal treatment for any animal. Young stock should, as a rule, be safely housed in warm sheltered yards before cold or frosty weather sets in; the youngest and most delicate must be provided for in covered hovels, airy, but well shut in. Warmth to a young animal is equal to a moderate supply of food. The stronger animals may do well in the yards, provided the yards be warm, and have open

hovels for them to retire to in wet and stormy weather. The great question arises: How are they to be best and most profitably wintered? There probably is no better way to promote condition and healthiness than to feed them on good meadow hay, and to give with it a moderate allowance of oil cake. This will ensure progress and a healthy constitution. The common whitefleshed turnip, when well grown and sliced, is excellent food in the early winter, and if a quantity of the leaves could be given along with the bulbs, all the better; the leaves promote the sounder and freer growth of the bone in all young animals. With this kind of food a little barley or oats should be daily given; of course, cut chaff or hay, or even a great superabundance of good straw for the young stock to browse over, is to be included as food. Roots will never do alone; in all cases dry cercal food is desirable, if not absolutely necessary. Much has been written about the necessity of exercise for young animals. It certainly does appear to be right, if necessary to promote growth and vigor. Taking all into consideration, however, I prefer the plan of tying up, with an occasional run into the vard in suitable weather." The experience

all our farmers.



INVENTORS MACHINISTS MILLWRIGHTS AND MANUFACTURERS.

The SCIENTIFIC AMERICAN has been published FIFTERN YEARS, and is the Repertory of Inventions and Discoveries collected from all parts of the world. It is indispensable to the Inventor and From an pures of the world. At is indispensance of the inventor and Patentee; each number containing a complete official list of the claims of all the patents issued each week at the United States Patent Office, besides elaborate notices of the most important invention nany of which are accompanied with engravings executed in the highest degree of perfection, as each number of the paper testifies.

The SCIENTIFIC AMERICAN is published weekly, in a form

satisable for binding, each number containing sixteen pages of letter-press, with numerous illustrations, all of which are prepared expressly for this publication, making a yearly volume of 832 nages The SCIENTIFIC AMERICAN is not only the best but cheapest

Imper devoted to Science, Mechanics and Inventions published in the rld, and has a larger weekly circulation than the combined sub scription lists of all similar publications in this country and England To the Mechanic and Manufacturer the SCIENTIFIC AMERImportant, as articles in every number treat of matters per-

Terms.
To mail subscribers: Two Dollars a Year, or One Dollar for Six

taining to their business.

Months. One Dollar pays for one complete volume of 416 pages; two volumes comprise one year. The volumes commence on the first of JANUARY and JULY. Club Rates

Five Copies, for Six Months.....
Ten Copies, for Six Months.....
Ten Copies, for Twelve Months....
Fifteen Copies for Twelve Months...
Twenty Copies, for Twelve Months....

For all clubs of Twenty and over, the yearly subscription is only

40. Names can be sent in at different times and from different
set-offices. Specimen copics will be sent gratis to any part of the connirv.
Southern, Western and Canadian money or Post-office stamps taken at par for subscriptions. Canadian subscribers will please to remit twenty-six cents extra on each year's subscription to pre-pay

MUNN & CO., Publishers, No. 87 Park-row, New