

Ex-Governor Frank S. Black of New York is a staunch believer in state parks and while in office he did much to aid legislation in that regard. On one occasion he said to a number of prominent men at Albany: "What we need now is to have a counsel for the forest commission." "A counsel?" inquired a country member; "what has the forest been committing that it should need a counsel?"

The longest continuous run of a railway train in Europe is that from Paris to Constantinople, 1,921 miles, in sixty-four and a quarter hours.

Maurice Barrymore's wit is famed, but a neat little witticism at his expense was Augustus Thomas' laconic criticism of one of Barrymore's plays. The playwright had been mercilessly picking flaws in the actor's drama until the good natured "Barry" winced. "Oh, come, come," he interrupted, "don't be quite so hard, if it is not an 'Alabama.' Just remember that I wrote it in a week. 'Did you, Barry?' retorted Thomas; "Then you must have loafed."

If you will

return this coupon and three one cent stamps to the J. C. Ayer Co., Lowell, Mass., you will receive in return a copy of the 20th Century Year Book.

This is not an ordinary almanac, but a handsome book, copiously illustrated, and sold for 5 cents on all news-stands. (We simply allow you the two cents you spend in postage for sending.)

Great men have written for the Year Book. In it is summed up the progress of the 19th century. In each important line of work and thought the greatest living specialist has recounted the events and advances of the past century and has prophesied what we may expect of the next.

Among the most noted of our contributors are:

Secretary of Agriculture Wilson, on Agriculture; Senator Chauncey M. Depew, on Politics; Russell Sage, on Finance; Thomas Edison, on Electricity; Dr. Madison Peters, on Religion; General Merritt, on Land Warfare; Admiral Hichborn, on Naval Warfare; "Al" Smith, on Sports, etc.; making a complete review of the whole field of human endeavor and progress.

Each article is beautifully and appropriately illustrated, and the whole makes an invaluable book of reference, unequalled anywhere for the money.

Address J. C. AYER CO., Lowell, Mass.



MAGNETIC STARCH
TRADE MARK
REQUIRES NO COOKING
MADE IN U.S.A.
MANUFACTURED ONLY BY
SANTA CLARA MANUFACTURING CO.
OMAHA, NEB.

MAGNETIC STARCH The WONDER of the AGE.
No Boiling
No Cooking
It Stiffens the Goods
It Whitens the Goods
It Polishes the Goods
It makes all garments fresh and crisp as when first bought new.
TRY A SAMPLE PACKAGE.
You'll like it if you try it.
You'll buy it if you try it.
You'll use it if you try it.
Try it.

AGENTS WANTED
To sell the products of
THE SWINE VACCINE CO.
OF WYOMORE, NEB.

Swine plague or hog cholera successfully treated by inoculation. We cure 85 per cent of sick hogs and render well-bred hogs immune by our process. For further particulars call on or address
The Swine Vaccine Co., Wymore, Neb.

DR. SETH ARNOLD'S
has stood the test of 50 years and is still the Best Cough Remedy Sold. Cures when other remedies fail. Tastes good; children like it. Sold by all druggists—25 cents.

DR. SETH ARNOLD'S
has stood the test of 50 years and is still the Best Cough Remedy Sold. Cures when other remedies fail. Tastes good; children like it. Sold by all druggists—25 cents.

PISO'S CURE FOR
CURES WHERE ALL ELSE FAILS.
Best Cough Syrup, Cures Croup, Whooping Cough, Consumption, etc.
SOLD EVERYWHERE.

FARM AND GARDEN.

MATTERS OF INTEREST TO AGRICULTURISTS.

Some Up-to-Date Hints About Cultivation of the Soil and Yields Thereof—Horticulture, Viticulture and Floriculture.

Horticultural Observations.
On Jan. 16 there will be held in Kansas City a convention of growers and shippers of fruit and farm produce. It is proposed to form an association of national magnitude. Whether the plan will succeed or not we will soon see. But it is a fact that the science of organization is being learned, as is evidenced by the success of the California raisin growers' association. There are at present a number of small associations that have been doing business for years, and that, too, with success. There is little doubt that such a combination as that proposed has in it great possibilities for good and evil. Honestly and justly managed, it may give a uniformity to prices and prevent dishonesty among the retailers, especially among the stand fruit dealers in large cities.

Fruit men should in some way combine to prevent retailers re-sorting their fruit when it is put on the market. This re-sorting of fruit by the retailers is a very wide-spread habit. It is in every sense dishonest, and injures the producer of fine fruit as much as it does the buyer of what is supposed to be fine fruit. Go among the fruit stands in Chicago very early in the morning, say, in peach time, before the rush for the day has commenced. The fruit dealers will be found vigorously at work packing fruit to be sold during the day. All the good fruit has been emptied out in one pile and the little, worthless fruit in another pile. The packer puts the little green peaches in the bottom and faces the basket with good-sized and possibly good-colored fruit. If it lacks good color, he stretches some red netting over the green fruit and gives it the proper color. Now when the basket of fruit that Fruit-Grower John Smith has packed, with his stamp, comes into the hands of these same men, it is quickly emptied out and sorted with the rest. If, later, John Smith should come along and buy one of the honestly packed baskets that he has sent to market he would experience a shock on opening it, for he would not find under the top layer just as good peaches as on top, but the said green ones referred to. Fruit producers that are trying to make their brand recognized and respected on the market should find some way to compel dealers to sell the fruit as it comes to hand or take off their brand.

Agricultural Notes.
To what extent drain tile was pulverized by the hard freezes of last winter is not yet apparent. Inquiries sent out by the Farmers' Review revealed the fact that most farmers do not know whether their drains have been injured or not. The comparatively dry fall has not put them to the test. Should we have a wet winter we would probably find out if the drains are in condition to carry off water or not. It is not necessary that the whole line of drain be broken up to render it useless. A rod or two thoroughly pulverized does much to render the whole incapable of carrying off water. Perhaps it would have been a good idea if farmers with large quantities of tiled land had made some examination with the object of finding out its true condition. The loss to a single crop through a disintegrated drain may be large, and in addition large areas of land may be rendered unplowable in the spring just at the time it is most necessary to get onto the land.

Prize corn crops are not always what they appear to be. There are corn crops and corn crops. It is possible for two men to raise each 100 bushels of corn to the acre and yet have one man raise twice as much corn to the acre as the other. This appears paradoxical, but is easily explained. One man may plant his corn at such a late date that it will become only well glazed at the time it has to be gathered for exhibition; while the other man may plant his corn early and thus give it time to thoroughly mature before it must be gathered. Corn gathered just after the roasting-ear period is very heavy, and will at that time sometimes weigh double what it will when it has been well dried. This is the secret of some of the enormous yields of corn that have been recently reported. The figures that claim yields per acre well up to the 200-bushel mark are based on weighed and not measured bushels. Inspect that same prize corn a few months after it has been gathered, and it will be found looking very shabby. Every kernel will be found standing by itself and with an abundance of room between it and its neighbors. Really such prize corn does not fill the requirements, or should not. The water content of corn should be taken into consideration, and we are not sure that it would not be a good idea to have each sample entered analyzed for its water content, and this analysis be taken into consideration when making the awards.

A Good Appointment.
Mr. J. H. Monrad has been appointed assistant dairy and food commissioner of Illinois. The appointment is a good one. All who know Mr. Monrad believe that he will discharge every duty faithfully. As a dairy expert he is known on both sides of the Atlantic and Pacific. He has had experience

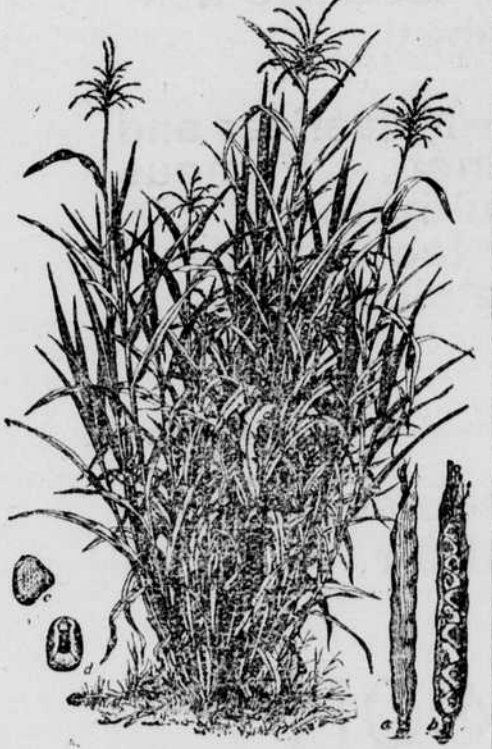
in dairy matters in Denmark, Norway, New Zealand and the United States. While progressive he is conservative, and is not easily led to endorse new things till he is thoroughly convinced of their utility. Illinois needs a strong man in the office of assistant commissioner, which office is supposed to be filled by a first-class dairy expert.

Another gratifying thing about the appointment of Mr. Monrad is that it is in no sense a political appointment. This is an indication that the commission is to be run for real effectiveness. The mass of work to be done in Illinois requires the best talent that can be secured irrespective of party, and the sentiment of the people should be expressed in favor of keeping, as much as possible, partisan politics out of it. Illinois has the reputation of being the state in which more adulterated products are made than any other state in the Union. It is charged that Illinois has had more to do with ruining our foreign markets for dairy goods than any other state in the Union, and it is to be hoped that a reform is to follow. Every farmer in Illinois should do his utmost to uphold the hands of Mr. Jones and Mr. Monrad.

Teosinte
Here with we illustrate teosinte. The explanation of the plate is: "a," one of the ears enclosed by the husk; "b," the same with a portion of the husk showing the grains; "c" and "d," views of the grain.

The scientific name of this plant is *Euchloa luxurians*. This is a grass of tropical nativity and much resembles Indian corn. It is said to have been introduced into this country from Central or South America, though it was first cultivated in Australia. In its native habit as it grows freely and often attains a height of from 10 to 15 feet in a few months. It suckers out or tillers to a remarkable degree, often as many as thirty to fifty suckers springing from a single stalk. In this country the climate is not hot enough, neither are the seasons long enough to ripen the seed, except in a very few places. While this is true, it does well as a fodder plant as far north as Pennsylvania and Kansas.

In some of our more southern states it has given larger yields than any other forage plant. Georgia reported a yield of 19 tons to the acre, Mississippi 22 tons to the acre, but at the Louisiana station it yielded over 50 tons per acre. To succeed well it needs abundant moisture, a great deal of heat, rich soil and a long season. It is useless to plant it where these conditions cannot be had. If cut when it reaches four or five feet in height it makes excellent fodder. If allowed to grow till October it makes a good plant for the silo. Its value as a silage crop may be seen



by the fact that the 50-ton per acre crop raised at the Louisiana station was sold to dairymen at the rate of \$2 per ton.

Neighboring Flocks.—With but one or two small flocks in a neighborhood there is sometimes a lack of buyers for both wool and mutton, but as flocks increase in size and number this difficulty will be largely overcome. Another advantage in being in a neighborhood where there are many small flocks is that rams can be exchanged frequently to good advantage; again, dogs never trouble so much, and if they do, their depredations are more scattered. A neighborhood pretty well stocked with profitable sheep is not as likely to be overrun with unprofitable dogs as one is where sheep are scarce. There, too, is more or less competition to see who has the best-looking flock, as well as the best-paying one, and the per cent of increase is watched more closely when near-by shepherds keep track of the lambing time.—Ex.

Our "Butter" in Cuba.—American butter sells for less in the Cuban market than butter from France, Holland and Denmark. And yet American butter is generally better than that coming from the other countries. The trouble is that oleomargarine and other imitations are sold in Cuba as American butter. It is precisely the same dishonest methods which have so greatly injured the American butter trade in Europe. When our government stops this fraudulent trade, American butter and cheese will sell again in the markets of the world at prices as high as similar articles from other countries. This dishonest practice on the part of exporters not only disgraces the United States, but it takes millions of dollars annually out of the farmers' pockets, by depreciating the value of their products.—Philadelphia Press.

Have the wool in good condition without any tags in the fleeces.

On one occasion the Prince of Wales visited a Hindoo school in Madras. The youngsters had been drilled into the propriety of saying, "Your royal highness" should the prince speak to them, and when the heir-apparent accosted a bright-eyed lad, and pointing to a prismatic compass, asked, "What is this?" the youngster, all in a flutter, replied: "It's a royal compass, your prismatic highness."

Egypt and the Sudan have now 2,014 miles of railways; the line from Boeber to Kassala and Snakim is under way of construction.

An American lady who was in the Highlands shooting with her husband, attended the local kirk one Sunday morning, but left it with scandalous precipitation. For an hour the good minister had been fiercely raging at his benighted congregation, and wound up: "And pairhairs" (with pious cunning) "ye'll be thinkin', ye worthless waistrels, that ye can daddle intae Paradise by clootchin' the my coontails!" Dinna be doeyin' for mark weel!" (in a tone of stern and holy joy), "when the trump of Gabriel sounds, I'll sneek them af!"

There is more Catarrh in this section of the country than all other diseases put together, and until the last few years was supposed to be incurable. For a great many years doctors pronounced it a local disease, and prescribed local remedies, and by constantly failing to cure with local treatment, pronounced it incurable. Science has proven Catarrh to be a constitutional disease, and therefore requires constitutional treatment. Hall's Catarrh Cure, manufactured by F. J. Cheney & Co., Toledo, Ohio, is the only constitutional cure on the market. It is taken internally in doses from 10 drops to a teaspoonful. It acts directly upon the blood and mucous surfaces of the system. They offer one hundred dollars for any case it fails to cure. Send for circulars and testimonials. Address F. J. CHENEY & CO., Toledo, Ohio. Sold by Druggists, 75c. Hall's Family Pills are the best.

Good counsel rejected returns to enrich the giver's bosom.

Those little rubs which Providence sends to enhance the value of its favors.

If you have not tried Magnetic Starch try it now. You will then use no other.

The constantly increasing business of the B. & O. R. R. has necessitated very material additions to the telegraph service. During the past year nearly 2,000 miles of copper wire, 165 pounds to the mile, have been strung. New lines have been placed in service between Baltimore and Pittsburg, Baltimore and Parkersburg, Newark, O. to Chicago, Philadelphia to Newark, Philadelphia to Cumberland and Cumberland to Grafton. During the summer several of these wires were quadruplexed between Baltimore and Cumberland and duplexed west.

The January Century will contain a poem by Rudyard Kipling, "In the Matter of One Compass." Dr. Mitchell's story, "The Autobiography of a Quack," ends in that issue, but another serial by Dr. Mitchell will begin in the March number. It is called "Dr. North and His Friends," and one who has read the manuscript calls it "an epitome of the science, culture and common sense of the nineteenth century."

In Connecticut the percentage of criminal population to the thousand inhabitants has fallen steadily from 2.48 in 1896 to 2.33 in the present year.

Try Grain-O! Try Grain-O!
Ask your grocer today to show you a package of GRAIN-O, the new food drink that takes the place of coffee. The children may drink it without injury as well as the adult. All who try it, like it. GRAIN-O has that rich soft brown of Mocha or Java, but it is made from pure grains, and the most delicate stomach receives it without distress. One-fourth the price of coffee. 15c. and 25c. per package. Sold by all grocers.

Opium eating is described as making serious ravages among the working people in the fen district of Hantz and Cambridgeshire, in England.

AMERICA SAYS SO.
The Entire Country is on the Move.

Cascarets Candy Cathartic Did It, and Record a Phenomenal Victory. Five Million Boxes Sold Last Year.

From every part of America comes the news that sufferers from constipation have found relief in Cascarets Candy Cathartic, the wonderful modern scientific laxative and intestinal tonic. Cascarets are figuratively and literally in everybody's mouth. Thousands have tried Cascarets with the most pleasant and effective results, and voluntarily testify to their experiences. Here are a few extracts from some of the letters:

"I have been using Cascarets for headache and constipation and have received great benefit from them." Mrs. M. Gable, 512 Larrabee St., Chicago.

"I have been taking Cascarets for over a month and have just the thing for constipation." Albert B. Burt, 70 Main St., Andover, Mass.

"I am using Cascarets and have never found anything so satisfactory." Mrs. C. W. Durrant, 57 Emerson St., Buffalo, N. Y.

"I have taken Cascarets and cheerfully recommend them to all my friends." Mrs. G. J. Gradwell, Frugalty, Pa.

"I have tried your Cascarets and I want to tell you they are just splendid." John Wiegman, Box 96, Allegan, Mich.

"I use Cascarets in my family and find them all you recommend them to be." E. L. Irvin, Cor. Mead and Railroad, Meadville, Pa.

Robert Hilliard, the actor, brought a young Englishwoman to see "El Capitán." She was much impressed with De Wolf Hopper, and remarked: "What a charming man your Mr. Hopper is. Tell me, is he married?" "Been married three times," was the reply. "Three times!" she repeated; "and they are all three dead?" "No," she answered; "divorced." "Ah!" she rejoined, "I see; he is a Grass-Hopper."

There is no character more contemptible than a man who is a fortune hunter.

The days of courtship are the most happy of our lives.

For starching fine linen use Magnetic Starch.

Finery is unbecoming in us who want the means of decency.

Try Magnetic Starch—it will last longer than any other.

The dullest fellow may learn to be comical for a night or two.

The German government has decided to build a railroad through Eastern Africa, and will effect a junction with the Capota-Cairo railway.

The Hon. John Barrett writes with his accustomed clearness and force in the Review of Reviews for January on "Our Interests in China—A Question of the Hour," setting forth the responsibilities, as well as the opportunities, devolving on the United States as a Pacific power.

The late Lord Watson had a habit of interrupting counsel, and this often caused irritation. One distinguished advocate once reproached him on this account in private. "Eh, man," said Lord Watson, "you need not complain, for I never interrupt a fool."

Hospitality is one of the first Christian duties.

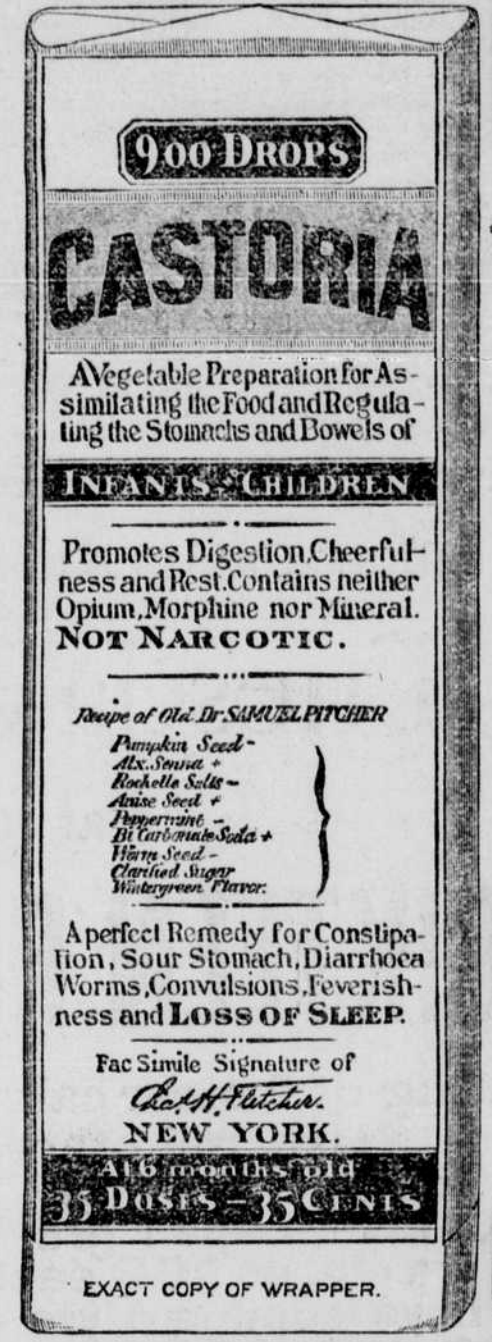
Piso's Cure for Consumption is the only cough medicine used in my house.—D. C. Albright, Middletown, Pa., Dec. 11, '95.

Offences are easily pardoned when there is love at the bottom.

Use Magnetic Starch—it has no equal.

Mortifications are often more painful than calamities.

None but the guilty can be long and complacently miserable.



CASTORIA
For Infants and Children.
The Kind You Have Always Bought Bears the Signature of
In Use For Over Thirty Years
CASTORIA
THE CENTAUR COMPANY, NEW YORK CITY.

SAVE YOUR STAR TIN TAGS

"Star" tin tags (showing small stars printed on under side of tag), "Horse Shoe," "J. T.," "Good Luck," "Cross Bow," and "Drummond" Natural Leaf Tin Tags are of equal value in securing presents mentioned below, and may be assorted. Every man, woman and child can find something on the list that they would like to have, and can have

EXHIBIT:

| | |
|---|---|
| 1 Match Box, good quality, 25c | 27 Clock, silver, Calendar, Thermometer, 50c |
| 2 Knives, one blade, good steel, 25c | 28 Gun case, leather, no better made, 50c |
| 3 Scissors, 4 1/2 inches, 25c | 29 Revolver, automatic, double action, 25 or 38 caliber, 50c |
| 4 Child's Set, Knife, Fork and Spoon, 25c | 30 Tool Set, not playthings, but real tools, 100c |
| 5 Salt and Pepper Set, one each, quality, 25c | 31 Toilet Set, decorated, porcelain, very handsome, 100c |
| 6 French Briar Wood Pipe, 25c | 32 Remington Rifle No. 4, 210 or 22 cal., 300 |
| 7 Razor, hollow ground, fine English steel, 50c | 33 Sewing Machine, first class, with all attachments, 150c |
| 8 Britter Knife, triple blade, best quality, 25c | 34 Revolver, 50's, 25 caliber, blue steel, 50c |
| 9 Sugar Shell, triple plate, best qual., 50c | 35 Mandolin, very handsomely decorated, 100c |
| 10 Stamp Box, sterling silver, 50c | 36 Winchester Repeating Shot Gun, 12 gauge, 500 |
| 11 Knife, "Keen Kutter," two blades, 50c | 37 Remington, double-barrel, hammer shot gun, 10 or 12 gauge, 500 |
| 12 Butcher Knife, "Keen Kutter," 8 1/2 blade, 50c | 38 Bicycle, standard make, ladies or girls, 250 |
| 13 Shears, "Keen Kutter," 8 1/2 inch, 75c | 39 Shot Gun, Remington, double barrel, hammerless, 500 |
| 14 Net Set, Crocker and Pinks, silver plated, 50c | 40 Regina Made Box, 15 1/2 inch Disc, 300 |
| 15 Base Ball, "Association," best qual., 100 | |
| 16 Karan Clock, nickel, 150 | |
| 17 Six Genuine Rogers' Tea spoons, best plated goods, 150 | |
| 18 Watch, nickel, 250 | |
| 19 Carvers, good steel, buckhorn handles, 200 | |
| 20 Six Genuine Rogers' Tea spoons, best plated goods, 250 | |
| 21 Six each, Knives and Forks, best quality, 250 | |
| 22 Six each, Genuine Rogers' Knives and Forks, best plated goods, 300 | |

THE ABOVE OFFER EXPIRES NOVEMBER 30TH, 1902.

Special Notice! Plain "Star" Tin Tags (that is, Star tin tags with no small stars printed on under side of tag), are not good for presents, but will be paid for in CASH on the basis of twenty cents per hundred, if received by us on or before March 1st, 1903.

BEAR IN MIND that a dime's worth of STAR PLUG TOBACCO will last longer and afford more pleasure than a dime's worth of any other brand. MAKE THE TEST!

Send tags to **CONTINENTAL TOBACCO CO., St. Louis, Mo.**

A SUBSTANTIAL PROFIT

will be made by every buyer of La Porte property. First general sale in February, 1903. La Porte, Texas, is destined to be the future greatest seaport of the Gulf of Mexico. Every farmer, merchant and manufacturer of the United States west of the Mississippi River is directly interested in La Porte. A small investment will return handsome profits. Write for FREE Folder, Maps and Art Book to **AMERICAN LAND COMPANY, 189 Madison St., CHICAGO.**

CARTER'S INK
Grow up with it.

If afflicted with **Thompson's Eye Water.**

W. N. C.—OMAHA. No. 1—1900

Mention this paper to advertisers.

150 ACRES FARM IN WESTERN CANADA FREE

MILLIONS of acres of choice agricultural LANDS now opened for settlement in Western Canada. Here is grown the celebrated No. 1 HARD WHEAT, which brings the highest price in the markets of the world; thousands of cattle are fattened for market without being fed grain, and without a day's shelter. Send for information and secure a free home in Western Canada. Write the Superintendent of Immigration, Ottawa, or address the undersigned, who will mail you atlases, pamphlets, etc., free of cost. W. V. Bennett, 801 N. Y. Life Building, Omaha, Neb.

PENSIONS Get Your Pension DOUBLE QUICK

Write **CAPT. O'FARRELL, Pension Agent, 1422 New York Avenue, WASHINGTON, D. C.**

PENSION JOHN W. MORRIS, Washington, D. C.
Successfully Prosecutes Claims.
3 yrs. in civil war. 15 adjudicating claims, atty since.