

# Bowl Spindle Troubles

The Spindle is one of the most important parts of the Separator, and is a part that has, perhaps, given more trouble than any other. Any slight accident to the spindle generally disables the entire bowl, throwing it out of balance and making it run rough and hard.

In the Self-Balancing **SIMPLEX** Separator the Spindle is relieved of carrying the weight of the bowl, therefore it is relieved of all the strain which



spindles in other machines are subjected to. The only function of the spindle in the **SIMPLEX** is to drive the bowl. In other machines the spindle carries the weight of the bowl and is subject to all the strains resulting from the high speed. In the **SIMPLEX** it is merely a means for conveying the driving power from the gearing to the bowl. This driving power, on account of the high gearing, is very slight indeed.

The **SIMPLEX** spindle is made of a special high carbon steel. It is specially treated in the drop forging

process and straightened by hydraulic pressure, so as to make it as free from internal strains as possible. In the **SIMPLEX** the spindle, instead of being one of the most important and sensitive parts of the bowl, becomes of secondary importance only, and is one of the great benefits derived from the Self-Centering Bearings.

Thousands of the  
**SELF-BALANCING LINK-BLADE SEPARATORS**  
are now in use in Canada.

Write for our complete catalogue, it's free for the asking

## D. Derbyshire & Company

Head Office and Works: BROCKVILLE, ONT.

Branches: PETERBOROUGH, ONT.

MONTREAL and QUEBEC

## COLD STORAGE AND A MARKET



Butter and Cheese Makers desirous of selling their products in Montreal will always find buyers and excellent Cold Storage facilities at the

**GOULD COLD STORAGE COMPANY'S STORES**

there. Leading Factory men throughout the Country have for years made use of these Stores as a market, obtaining the highest prices for their Goods with immediate payment. Write us and learn how this is done.

**GOULD COLD STORAGE COMPANY**

Grey Noun and William Streets  
**MONTREAL - QUE.**

It is desirable to mention the name of this publication when writing to advertisers.

## Present System All Wrong

S. Redmond, Peterboro Co., Ont.

The present system of assessment is all wrong. I really fail to see where there is any fairness in the tax at all. I am about the largest taxpayer in this section simply because I have improved the buildings and brought them to the shape they are now in. It is all very fine to say why do I not leave the buildings as they were and not improve them. If a man's business grows he has to have more and better accommodation, taxes or no taxes.

My idea of taxes is that the land value only should be taxed, not the buildings. Then there would be more of a uniformity about the tax. For instance, my neighbor and I might have two farms and on each farm is exactly the same sort of buildings, and the land is of the same value. We both are taxed exactly the same at that time. I go to work and pull down one of my old buildings and put up a more modern one as I require more room. The consequence is I am assessed up high for my improved barn, and yet my neighbor who has identically the same land as myself is left off simply because he is content to be behind the times and let things go, or in reality mostly because he is afraid of the tax.

It is high time it was altered and a more uniform method of taxation brought forward. There seems an unbecoming of feeling against it among the farmers generally. I should not be surprised if they begin to agitate pretty strongly for its removal.

## Farm Motor Competition

Probably the most interesting and novel exhibit judging from the standpoint of utility in farming operations was the agricultural motor test at the Industrial Exhibition at Winnipeg. This feature attracted wide-spread attention, experts coming from as far away as Australia and the Argentine to study the machines in operation. The United States Government was also represented by an official of the agricultural department.

English manufacturers who are really the pioneers of the industry were not successful in the competition as they were not cognizant of the conditions of the soil and climate. Their agents have gone back prepared to profit by their experience. Some of the machines entered did excellent work.

## Dairy Show at Chicago

The third annual dairy show will be held at Chicago, in the Coliseum, December 2nd to 10th inclusive. In an announcement about the show the management states that it desires to make this dairy show a strong representative of all dairy interests, to bring together dairymen, butter and cheese makers, farmers and manufacturers of dairy products from all parts of the country, for educational purposes; also to present the best and most up-to-date makes of dairy machinery, and to show choice herds of cattle, representing all the different dairy breeds. The occasion will be the big event of the year for dairying. The different branches of the dairy industry will be so presented that the people of the country will realize the importance and magnitude of this industry.

The purpose is to make this exhibition of cattle and machinery something more than a show. It is the purpose to make it a strong educational affair where questions of national import may be discussed, and plans made for a greater development of all dairy interests. The first two shows were a success, and it is the desire to make the coming one better, bigger and more instructive. All communications concerning

this show should be addressed to the National Dairy Show Associations, 154 Washington street, Room 307, Chicago, Ill.

Even, although it has been decided to enlarge the Guelph Winter Fair, the movement in Canada favoring the holding of such a show, should not be allowed to drop. It is only a matter of time when the need for such a show will be recognized by everyone.

## Dates of Fairs for 1908

Sherbrooke, Que., August 29th to September 5th.

Canadian National Exhibition—August 29th to Sept. 14th.

Halifax, N. S.—Sept. 2nd to 10th.

Western Fair, London, Ont.—Sept. 17th to 26th.

St. John, N. B.—Sept. 12th to 19th.

Central Fair, Ottawa, Ont.—September 18th to 26th.

St. Thomas Horse Show, St. Thomas, Ont.—September 22nd and 23rd.

New Westminster, B. C.—September 29th to October 3rd.

International Live Stock Exhibition, Chicago—Nov. 28th to December 10th.

Winter Fair, Guelph, Dec. 7 to 11.

## Items of Interest

Mr. Fred Dunn, of Lansing, York County, Ontario, recently shot two white crows. Such crows are very rare.

Mr. Wm. White, vice president of the C. F. E., says that the west will require \$2,000,000 harvesters to garner the crop. From present appearances, harvest operations in the west should begin by August 15th.

Farmers living in North Monaghan Township, Peterboro Co., complain of the speed of some automobiles. They state that they travel faster than the law allows and seem to have no regard for the rights of others using the road.

While a ten-year-old child named Rogers of Swedenburg was petting a horse in the pasture, the buttermilk can unruly and attacked her with its teeth. The child was very badly injured and her face was so torn that it will be disfigured for life.

James Weir, Sandilands, Lanark, Scotland, will judge Clydesdales, at the Canadian National Exhibition, Toronto, this year. It has been resolved to depend upon home talent for the judging of Shorthorns, and Mr. W. D. Flatt, Dundas, Wentworth County, has consented to act.

A case of apparent poisoning developed at Tilsonburg when Mr. Kyle and two children were rendered violently ill after they had partaken freely of buttermilk. The buttermilk which remained some time in a tin vessel which is the cause assigned for their condition.

Mr. R. J. Guthrie, a representative of the Daily Mail at Sydney, Australia, is in Canada studying agricultural conditions. Recently he called upon Mr. C. C. James, Deputy Minister of Agriculture for Ontario, while on his way to the Guelph Agricultural College. He has visited New Zealand and Europe and from Canada, he will go to Michigan.

An outbreak of hog cholera is reported from Woodstock. One hundred and eighty pure bred Yorkshire hogs belonging to Mr. J. W. Boyle were shot recently by order of the Dominion inspector. The hogs were fine animals and the loss will be considerable, though Mr. Boyle will receive two-thirds of their value from the Government. The hog cholera, it is presumed, got into the herd from passing trains. The same hogs were taken to crush out the disease and stop it from spreading. Orders have been issued that no more hogs be raised on this farm for some time. The carcasses have all been buried.