

aged 14 years, and foal for \$420; Victoria of Beresford, aged 13 years, and foal for \$480; Highland Lass, aged 2 years, for \$300; Nora, aged 1 year, for \$380; and Ladysmith, aged three years, for \$240.

F. W. Green, Moose Jaw, purchased Fortuna Finder, aged 11 years, for \$525. This was considered the snap of the sale, and Mr. Green now asks \$1,500. Mr. Green also purchased Prairie Rose, aged 8 years, and foal for \$525, and her seven-year-old sister, Princess Maud, for \$250.

Edward Elliott, of Wapella, secured the yearling stallion, Glengarry, for \$280.

T. Gibbons, of Indian Head, secured the yearling stallion, Belmont, for \$300.

Adam Carle, of Medicine Hat, bought the grand two-year-old filly, Highland Mary, for \$400.

J. H. Bunnell, Moose Jaw, bought the seven-year-old brood mare, Little Maggie, for \$505. This is considered one of the best purchases of the sale, for Little Maggie is about as fine a specimen of her class as ever walked on four feet.

C. W. Sanders, of Maple Creek, bought Brave Lass, a very good six-year-old, for \$390; also, the yearling stallion, King Ned, for \$285.

Hugh Gilmour, Moose Jaw, secured the grand good mare, Jess, for the very reasonable price of \$400.

This was all of Mr. Macfarlane's pure-bred stock. In addition, a team of work horses and harness were sold to D. Boan for \$330, and a pony mare and foal to D. Copeland for \$91.

A Clydesdale mare, Lady o' the Castle, aged three years, owned by Mrs. Hicks, of Pasqua, was also sold for \$235 to Mr. N. F. Smith, of Moose Jaw.

Manufactures at the Winnipeg Industrial Exhibition.

The display of machinery and general manufactures at Winnipeg was quite up to former years in numbers and extent, and if improvements and new inventions completed since last exhibition be taken into consideration, it may be safely said the display of 1903 was ahead of all former ones. Threshing and gasoline engines were kept running all day, and during every day of the fair there was a scene of animation all over the grounds set apart for that class of exhibits. Next to the cattle stables, J. I. Case had a small field under exhibits, consisting of one 15-h.-p. tandem compound traction engine, one 12-h.-p. tandem compound portable running a separator of 28-in. cylinder and 50-in. rear, the extra breadth in rear being intended to give more room to clear away heavy feed of straw. The separator was fitted with a self-feeder and wind stacker. A 20-h.-p. simple traction engine was attached to and running a separator of 32 in. by 54 in. with No. 5 elevator, loader and weigher, plain elevator stacker and self-feeder. A 25-h.-p. simple engine, with enormous three-foot road wheels, making it highly suitable for bog or soft lands, ran a separator 40 in. by 62 in., with self-feeder and wind stacker. The separators were all fitted with adjustable sieves and with a 20-bar case cylinder, 9½ in. diameter, 52½ in. of grate surface, 2½ in. shaft in cylinder, with 18½-in. drive pulley running 750 revolutions per minute.

WATEROUS ENGINE CO. had one 22-h.-p. double-cylinder traction engine running a "New McCloskey" separator, 36 in. by 60 in., with a "Cyclone" wind stacker and "Hawkeye" self-feeder and band-cutter, and a 12-h.-p. portable single-cylinder engine running a 36 x 60 separator, to which were attached a "Boston" wind stacker, a "Perfection" weigher and wagon-loader.

NICOL & SHEPHERD.—Mr. A. B. McCutcheon, Western manager of this firm, had on exhibition a 25-h.-p. simple traction engine running a 36 by 56 separator, with self-feeder, weigher and loader, and "Red River Special" wind stacker.

GAAR, SCOTT & CO.—Mr. J. R. C. Morris exhibited a 30-h.-p. compound traction engine running a 40 by 64 in. separator, with wind stacker, self-feeder, and weigher and wagon-loader.

PORT HURON SUPPLIES CO.—J. H. Thompson, manager, showed one complete threshing outfit, consisting of a 30-h.-p. compound traction engine, a 40 by 64 separator, self-feeder, wind stacker and a "Perfection" weigher and wagon-loader; also, a 21-h.-p. compound engine running a 36 by 57 separator, with the same attachments.

THE HEINE MANUFACTURING Co., Wapeton, North Dakota.—Mr. P. Meyer, manager, exhibited a new kind of self-feeder and band-cutter, which cuts the band from below, spreads the sheaf well, and gives a uniform evenness of feed.

MESSRS. J. M. ROSS & SONS, of Brampton, Ont.—Manager H. Ross was in charge of a 22-h.-p. Cornell traction engine running a three-way crank, 36 by 56 separator, fitted with a "Gaar-Scott" feeder and band-cutter, a "Perfection" weigher and loader, and a "Neepawa Cyclone" wind stacker.

A HAWKEYE feeder and band-cutter, operated by a gasoline engine, was exhibited by Mr. C. D. Kimbell. The Winnipeg office is in the Cockshutt buildings.

THE SYLVESTER MFG. CO. had a large and interesting exhibit of gasoline engines of different sizes and designs, suitable for many purposes. One 3-h.-p. engine ran a 25-light dynamo. There were three stationary engines, designed for chopping, sawing wood and general purposes, and two 8- and 16-h.-p. engines (portable) for threshing outfits. They also showed a marine boat propeller, to be operated by one of the engines on exhibition.

MELOTTE CREAM SEPARATOR Co., in addition to a grand display of cream separators, had also on show in their capacious tent, a 20-h.-p. portable gasoline engine for threshing purposes; also, a 5-h.-p. "Ideal" gasoline engine operating a small "Giant" trip-hammer, a 1½-h.-p. engine driving a furnace blast, and a 2½ engine on exhibition. They had also a complete set of blacksmith's tools and accessories.

JOSEPH MAW & CO., Western agents for Stickney Junior 3-h.-p. gasoline engine, had a highly-interesting exhibit of engines at work, performing several functions. One engine was attached to a pump, raising water seven feet at the rate of 500 gallons a minute. Another operated a chopper producing twenty bushels an hour. A pole saw and a cordwood saw were also run by these engines, and a feed grinder capable of grinding twenty-five bushels an hour was to be seen at work.

THE MERIDIAN HYDRO-CARBON ARC LIGHT was shown to great advantage, and the many points in its favor were well demonstrated.

CARNEFAC STOCK FOOD had evidences of their existence and their pre-eminent enterprise all over the grounds, especially in the stock barns and in the judging ring. They also had a great display of the stock-food packages displayed in their tent fronting on the midway.

FAIRLANDS, MORSE & CO., St. Paul, exhibited, in full operation, three gasoline engines, working, respectively, a flax separator and cleaner, a cordwood saw and a deep-well pump. The exhibit was under the direction of Mr. J. B. Cram, Manager Vulcan Iron Works. There was also in connection with this exhibit a 20-h.-p. portable engine suitable for threshing.

NORTHWEST THRESHING CO., Stillwater, Minn., ran an engine and separator. The engine was a 25-h.-p. simple, and the separator was a "New Giant," 40 x 64, with high wagon-loader, wind stacker and self-feeder.

SAWYER & MASSEY, manufacturers, had a grand display, both on the grounds and in their warehouse on Market Square. Mr. Geo. Kirklín is general manager of the business, and Mr. McVicar was in charge of the exhibits, which consisted of one 40 in. by 64 in. "Peerless" separator, with Parsons band-cutter and feeder, "Farmer's Friend" wind stacker, and "Perfection" weigher and wagon-loader, all driven by a 25-h.-p. compound traction engine; a "New Peerless," 36 in. by 60 in., separator, with "Woods" steel band-cutter and feeder attached; a "Farmer's Friend" wind stacker and a 15-foot wagon loader, the outfit being driven by a 20-h.-p. compound traction engine; also, "The Daisy" separator with the same attachments. There was also the gearing for horses to run the "Daisy" separator. This separator has a sweep and yoke for twelve horses. There was also shown the "Eclipse" separator, with sweep gear for six or eight horses, or tread gear for three horses. They exhibited horse powers mounted for six, eight, ten and twelve horses. There was, in addition, an assortment of rubber belts, tank pumps, lifting and bevel jacks, plow frame for steam plow so arranged that three gang plows can be attached to and drawn by an engine, and a road grading machine.

MANITOBA WINDMILL AND PUMP FACTORY, Brandon.—Mr. Geo. Williamson, secretary and treasurer of the company, exhibited a number of useful farm accessories in addition to their pumps and windmills, such as automatic extension ladders, bag-holders and truck-weighers.

THE WESTERN IMPLEMENT CO. was represented by Mr. John Harman, manager, and they had a highly-interesting exhibit of circulation hay, grain and stack driers, portable grain-weighers, steel-wheel wagon trucks, caboose trucks, ensilage cutters, hay and straw cutters, water tanks, washing machines, garden swings, wheelbarrows, Wonder plow trucks and "Pickling" grain boxes.

VERMILYEA BROTHERS & MERRILL had an attractive exhibit of automatic hay-loaders for cotton or jute sacks, a great variety of hardware goods and mechanical tools, oils and grease, and a large assortment of rubber automatic revolving boot heels.

JOHN CLAYTON PLOW CO. had a good display of breaking and gang plows and tricycle sulkeys.

THE PERFECTION FANNING MILL exhibit was one which held a high place in the show. Mr. W. Plunk attended to the interests of visitors and purchasers at the exhibition.

WESTERN MFG. CO., Indian Head.—Mr. W. J. Hammill represented the company at the fair. They had a fine display of farm-barn machinery and accessories.

WILKINSON PLOW CO.—Mr. T. C. Terline exhibited a fine assortment of plows, barrows, potato diggers, turnip seeders, and straw and hay cutters.

THE JONES STACKER CO., Carberry, Man., had a space in the main machinery building, where they were successful in doing a large amount of business.

THE M. CAMPBELL FANNING MILL CO., Chatham, Ont., exhibited a few of their well-known fanning mills.

GEORGE BEEMAN & CO. had a very good exhibit of "New Process Grain-cleaners," with three auger attachments, with which the triple process of cleaning, bluestoning and bagging wheat was demonstrated.

FAIRBANKS THRESHING SUPPLIES AND GENERAL HARDWARE.—This was a highly interesting exhibit, consisting of rubber belting, hose, piping, blacksmith's tools, scales, gasoline engine boat propellers. There were four gasoline engines on exhibi-

tion—a 4-h.-p., a 2-h.-p. and a 1½-h.-p. vertical, and an 8-h.-p. vertical, all working. The exhibits were under the management of Mr. F. Ross, Newman.

MODEL FIRE EXTINGUISHERS, exhibited by Mr. George Beeman, consisted of a cylinder, 12-in. diameter by five feet long, with twenty-five feet of hose piping. The cylinder is intended to be filled with diluted fire extinguishing chemicals and fitted on to threshers.

U. S. CREAM SEPARATOR.—Vermont Farm Machine Co., of Bellesville, Vermont.—The exhibit of this company was located in the dairy hall, under the charge of Mr. Geo. P. Groat. This year the company show an improvement by way of a spring-fastening locknut; also, a new device for holding a ball to take the machine apart. The separators hold the record for closest skimming in fifty consecutive tests.

THE EMPIRE CREAM SEPARATOR CO. also had their exhibit of four machines in the dairy building. The separators show a very high finish, and are capable of doing the very best of work.

NATIONAL CREAM SEPARATOR CO. had their exhibit nicely arranged, with the working sections of one machine apart, some parts in the rough, unfinished state, showing the quality of the metal from which the separators are made.

SHARPLES CO.'S cream separators were shown in the same hall. These machines are made in three sizes, and one of each was on exhibition. The different capacities of the machines are 500, 700 and 1,000 pounds per hour. The exhibit was under the charge of Mr. Macdonald, the Western manager.

LISTER ALEXANDRA CREAM SEPARATOR CO. showed their separators in a large tent, with a very fine display of pasteurizers, butter-workers and coolers, and every device used in a modern dairy.

MESSRS. J. B. ARMSTRONG & CO. filled one side of the carriage hall with a display of buggies, carriages and sleighs of all the latest builds.

MESSRS. MUNRO, MACKINTOSH & CO. occupied the opposite side of the hall with a similar exhibit.

THE SPRAMOTOR CO., London, had an exhibit on the ground, and no other single exhibit commanded the amount of attention which was attracted to the Spramotors by the oratory of Mr. R. E. Hempill.

THE MANITOBA FROST WIRE FENCE CO. had on the grounds an artistic display of wire fencing, gates, etc.

THE IDEAL WOVEN-WIRE FENCE CO.—Macgregor-Banwell Fencing Co., Windsor, Ont., had an exhibition worthy of more than passing attention.

SELKIRK FENCE CO.'S exhibit was an attractive one, consisting of samples of the different grades of wire, steel gates and fencing tools and machines. In the Main Hall of the exhibition there was a full and magnificent display from floor to ceiling. Everything was tastefully arranged, and the exhibitors were well rewarded, for the public patronage accorded them was as much as the building could contain.

THE NATIONAL CASH REGISTER CO. demonstrated the advantages accruing to the possessor of one of their marvellously accurate adding and recording machines.

MESSRS. J. Y. GRIFFIN & CO., pork packers, had a very attractive display of provisions nicely arranged and neatly assorted.

THE STEMPHILL COMPUTING SCALES and Kola wine amalgamated in the possession of a booth, which was nicely arranged.

THE ALUMINUM ENGRAVING booth was one which received a good share of patronage in printing personal cards and engraving aluminum novelties.

THE CANADIAN RUBBER CO., of Montreal, had a grand display of rubber goods on exhibition.

THE STANDARD SEWING MACHINE CO. displayed a few samples of their well-known machines, which received a good deal of attention.

THE OLIVER TYPEWRITER CO.'S exhibit was a highly-attractive one. They had on view a number of their high-grade typewriters, and secured quite a large share of attention.

MR. S. GREADLER, Ottawa, did a large business in novelties and jewellery. He has now exhibited at Winnipeg Fair seven years in succession.

THE WINNIPEG PAINT AND GLASS CO. showed specimens of their work to good advantage.

THE REMINGTON TYPEWRITER CO. had a grand exhibition in their booth. The click of the machine was to be heard all over the building, and the exhibit of these universally-known machines was one of the attractions which received a large share of patronage.

MR. ALEX. NELSON & CO., Montreal, displayed a beautiful assortment of manufactured furs.

MESSRS. D. R. DINGWALL, jewellers, Winnipeg, had a rich and magnificent exhibition of everything that could be desired in the way of watches and jewellery.

THE BLUE RIBBON booth was a bright and attractive one.

THE OGILVIE MILLING COMPANY'S exhibit was a representation of a goddess bearing a trident, and on whose face the sun never set. In the background, ships passing on the ocean laden with Ogilvie's flour were beautifully represented. The whole was a beautiful work, and did credit to the exhibition as well as to the Ogilvie Company.

MR. E. L. DREWRY'S exhibition was ingeniously constructed and worked with mechanical power. The lighting was pretty in effect, and helped to beautify the whole interior of the building.

THE WINNIPEG OIL COMPANY had a grand display of everything in the trade.

SUNLIGHT SOAP had an exhibit well worthy of that great universal merchandise.

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