

any great variation from the prices now current will take place. The abundant harvest of last year has been succeeded by a crop which is believed to be under an average, but which has been harvested in excellent condition, and which, taken as a whole, is not unsatisfactory. We have, however, by the lateness of the season, saved a month's consumption, owing to the circumstance that thirteen months' consumption has been thrown on last year's crop. If, however, it should be found when the season is more advanced, and when a better knowledge has been gained respecting the actual yield, that the crop is deficient in quantity there are ample supplies ready to come forward from nearly all the leading grain-growing countries of the world to make up for the deficiency here—

	1888.	1887.	1886.	1885.	1884.
September	5...55.8	62.5	47.8	48.0	42.3
"	12...55.5	61.3	47.0	44.7	42.4
"	19...54.4	62.11	48.8	42.0	42.0
"	26...53.7	64.1	51.5	40.10	40.11
October	3...54.4	63.5	52.2	41.1	38.8
"	10...54.8	64.10	52.7	41.11	38.9
"	17...55.8	67.6	52.2	41.1	38.1
"	24...58.4	70.5	52.6	42.4	37.6
"	31...58.11	69.11	54.9	43.4	38.9
November	7...52.3	70.1	57.2	45.8	38.11
"	14...52.0	70.1	56.7	45.11	38.9
"	21...51.6	68.11	57.6	46.10	38.9
"	28...51.0	68.5	60.0	46.8	38.8
December	5...50.1	68.1	61.7	46.5	38.5
"	12...49.8	67.8	60.3	46.8	38.4
"	19...49.6	66.9	59.5	46.8	38.1
"	26...50.7	67.4	60.0	46.11	37.10
1889.	1888.	1887.	1886.	1885.	
January	2...50.11	67.10	60.2	48.3	38.2
"	9...51.5	69.6	61.0	48.1	38.7
"	16...53.8	71.6	62.3	48.7	38.10
"	23...52.4	72.4	62.2	45.6	38.6
"	30...51.5	72.6	62.3	45.10	38.4
February	6...51.0	73.4	61.4	45.5	38.4
"	13...50.9	73.0	59.10	45.0	38.4
"	20...50.8	72.11	59.11	45.5	38.2
"	27...49.7	73.4	59.8	45.7	38.6
March	6...49.4	73.8	59.3	45.4	38.4
"	13...48.10	73.1	59.4	45.6	38.3
"	20...47.9	72.5	59.9	45.8	38.4
"	27...46.5	72.10	60.11	44.11	38.11
April	4...46.4	72.6	61.2	44.9	38.8
"	11...47.0	73.2	6.9	44.5	40.1
"	18...46.8	73.8	61.4	44.9	39.7
"	25...46.5	73.11	62.11	46.5	39.5
May	1...44.0	74.2	63.10	45.9	39.10
"	8...44.4	74.7	64.9	45.9	40.11
"	15...44.6	74.3	64.11	46.1	41.8
"	22...45.2	73.10	65.3	47.4	41.9
"	29...46.2	72.8	65.5	47.5	41.11
June	5...45.5	70.8	65.4	47.1	41.5
"	12...46.0	67.6	65.9	47.4	41.1
"	19...46.2	66.1	65.8	48.5	41.8
"	26...46.4	67.5	64.10	51.0	41.6
July	3...47.9	67.7	64.11	54.6	42.5
"	10...48.11	66.7	64.7	54.10	43.1
"	17...50.2	65.0	65.1	54.0	43.0
"	24...51.11	62.9	65.8	52.0	42.10
"	31...51.9	61.1	67.5	41.1	42.6
August	7...51.6	67.11	68.2	50.2	42.0
"	14...50.0	66.0	68.4	50.2	43.1
"	21...58.1	67.1	68.2	50.10	45.4
"	28...54.4	65.11	66.7	48.7	48.7
Average	48.2	68.4	60.5	48.5	40.2

During the season, our imports of wheat have been as much as 28,665,123 cwt. against 35,553,725 cwt., being a diminution of 6,688,601 cwt. as compared with 1887-8. Owing to the firmness that prevailed in the trade shortly before the close of the season, and to the rapidity with which communication can now be effected with the producing countries, our imports in July and August were large. In August, they were as much as 4,000,000 cwt., against 1,550,000 cwt. in the corresponding month last year. Of flour, there was an import of 8,227,051 cwt., against 8,148,260 cwt. The exports of wheat were only 150,641 cwt., against 737,881 cwt., and of flour, 38,545 cwt., against 53,504 cwt.

Trade has been remarkably quiet this week, and but little disposition has been shown to extend business in any department. Notwithstanding the downward movement in the value of wheat the early part of the week, there appears to be no marked increase of confidence, and both buyers and sellers have pursued a cautious policy. Hence business continues of a restricted character, and is confined to strictly legitimate requirements. The Liverpool cotton market, in spite of the circumstance that the importation this week has been very large, has continued firm, and at Manchester a somewhat firmer feeling has prevailed. In the wool trade, however, there has been a fair degree of activity, and at the public sales of colonial produce, which are still in progress, an average improvement of 1d. per lb. has been established since the close of last sales. The home trade are operating to a moderate extent, and Belgian buyers are taking a considerable quantity of Cape produce. There is also a steady demand on the part of French buyers.

The losses by fire throughout the United States during the month of August, just passed, amounted to \$6,438,000. This is a startling statement. The loss is nearly double that of August, 1888, and much exceeds the total of any month during the past or present year. The value of property destroyed by fire since the 1st of January, 1889, already amounts to \$27,100,000, while the total losses of 1888 were less than \$35,000,000. The fire of August 5th, in Philadelphia, where property valued at \$400,000 was burned, was the most destructive one that has occurred in the country since the 4th of July, 1863, when the city of Portland, Me., was devastated—the loss amounting to \$10,000,000. The wide spread drought has, of course, been one of the principal causes of this great destruction of property.

PATENTS OF INVENTIONS.

DEPARTMENT OF AGRICULTURE,

PATENT OFFICE,

Ottawa, 1st July, 1889.

HIS Excellency the Governor General has been pleased to grant Letters Patent of Invention to be in force in the Provinces of Ontario and Quebec, for a period of fourteen years from the date thereof, to the persons whose names are included in the following list.

Published by command,
J. C. TACHE,
Deputy of the Minister of Agriculture.

(Continued.)

3168. Frederick Garner Beckett, of the city of Hamilton, in the county of Wentworth, machinist, for an improved burner. Dated Ottawa, 23rd April, 1889.

3169. David Johns, of Exeter, in the county of Huron, tinsmith, for improvements in hot air drum, the drum to be called Johns' hot air drum. Dated Ottawa 22nd April, 1889.

3170. George Edgar Barter, of the township of London, in the county of Middlesex, yeoman, for improvements in clothes boilers, called Barter's cast bottom clothes boiler. Dated Ottawa, 1st May, 1889.

3171. Robert Hewton, of the township of Sherrington, in the county of Frontenac, blacksmith, for a wagon jack, to be called Hewton's slide bar axle elevator. Dated Ottawa, 1st May, 1889.

3172. Zadoc Williams, of the township of Sandwich East, in the county of Essex, yeoman, for a sowing machine, called the excelsior seeder and cultivator. Dated Ottawa, 1st May, 1889.

3173. Samuel Stevens, of the town of Brockville, in the county of Hastings, gentleman, for an improved coffee and tea pot, called the Dominion coffee and tea pot. Dated Ottawa, 7th May, 1889.

3174. Peter Murray, of the town of Levis, in the district of Quebec, marine engineer, for an improved coal burning grate for furnaces, called Murray's coal burning grates for furnaces. Dated Ottawa, 1st May, 1889.

3175. William Rondeau Baker, of Wellington Square, in the county of Halton, photographic artist, for an improved velocipede. Dated Ottawa, 1st May, 1889.

3176. John Lancaster, of the city of Ottawa, in the county of Carleton, millwright, for an improved shingle sawing machine, to be called the double cutting self-acting shingle machine. Dated Ottawa, 1st May, 1889.

3177. Samuel J. Lundy, of the township of Uxbridge, in the county of Ontario, carpenter, and John James, of the same place, carpenter, for an improved seed drill, called the Dominion seed drill. Dated Ottawa, 1st May, 1889.

3178. William Maynard, of the city of Montreal, in the district of Montreal, farmer, for an improved evaporator, for the manufacturing of the extract of hemlock bark and of sugar and salt, called Maynard's evaporator. Dated Ottawa, 11th May, 1889.

3179. Philip Pearson Harris, of the city of Quebec, in the district of Quebec, Esquire, for an art or process of distilling, refining and deodorizing crude petroleum and other oils *in vacuo*, and the apparatus for carrying out the process. Dated Ottawa, 12th May, 1889.

3180. Henry Dwight Cowles, of the city of Hamilton, in the county of Wentworth, gentleman, for an improved art for manufacturing horse-shoe nails, to be called the Dominion horse-shoe nail. Dated Ottawa, 12th May, 1889.

3181. Joseph Barsalou, of the parish of St. Sebastian, in the county of Iberville, blacksmith, for an improved excentric hay press, to be called the excentric hay press. Dated Ottawa, 12th May, 1889.

3182. Amasa Whitney Mallory, of the township of Yonge, in the county of Leeds, yeoman, for a machine for grappling and making fast to the beams and rafters of buildings for suspending thereto horse hay forks while being used, called Mallory's grapple. Dated Ottawa, 12th May.

3183. James Pepler, of the city of Toronto, in the county of York, gentleman, for a millstone test, to be called Pepler's millstone test. Dated Ottawa, 13th May, 1889.

3184. William Buck, of the township of Otonabee, in the county of Peterboro, yeoman, for an improved harrow. Dated Ottawa, 12th May, 1889.

3185. Joseph Fleury, of the village of Aurora, in the county of York, manufacturer, for an improved gang plough, to be called the improved gang plough. Dated Ottawa, 12th May, 1889.

3186. John Davenport Xenison, of the city of Toronto, in the county of York, pianist, for an improved self acting car coupler, to be called Xenison's self acting car coupler. Dated Ottawa, 12th May, 1889.

3187. John Dewe, of the city of Toronto, in the county of York, Post Office inspector, for an improved bag fastener and labels, called the improved bag fastener label. Dated Ottawa, 12th May, 1889.

3188. John Cushman Lowe, of the village of Maryborough, in the county of Wellington, trader, for an improved pike, called Lowe's patent pike. Dated Ottawa, 12th May, 1889.

3189. Thomas Jury, of the township of Adelaide, in the county of Middlesex, yeoman, for fruit gatherer, to be called Jury's fruit gatherer. Dated Ottawa, 12th May, 1889.

3190. Allan Turner, of the town of Brockville, in the county of Leeds, chemist and Druggist, for a composition of matter called Turner's exsiccative. Dated Ottawa, 12th May, 1889.

3191. William Buck, of the township of Otonabee, in the county of Peterboro, yeoman, for a saw clasp, to be called Buck's liberating saw blade clasp. Dated Ottawa, 12th May, 1889.

3192. Abimelech Hillman, of the town of Stratford, in the county of Perth, cabinet maker, an improved ventilator, called Hillman's ventilator. Dated Ottawa, 28th April, 1889.

3193. Harley Dwight Cowles, of the city of Hamilton, in the county of Wentworth, gentleman, for an improved skate, called the Victoria skate. Dated Ottawa, 12th May, 1889.

3194. Peter Sphon Van Wagner, of the township of Saltfleet, in the county of Wentworth, gentleman, for an improved hold back, to be called Van Wagner's release hold back. Dated Ottawa, 24th May, 1889.

3195. Alexander McCanell, of the township of Caledon, in the county of Peel, blacksmith, for an improved spinner, called the improved spinner. Dated Ottawa, 12th May, 1889.

3196. John Fowley, of the township of Peel, in the county of Wellington, yeoman, for an improved riddle and shaker, to be called the adjustable double motion shaker. Dated Ottawa, 12th May, 1889.

3197. Joseph Lancaster, of London, in the county of Middlesex, homoeopathic physician, for an improved well filterer, to be called Lancaster's well filterer. Dated Ottawa, 12th May, 1889.

3198. Hugh Jefferson, of the city of Toronto, in the county of York, engineer, for a composition of matter for producing artificial stone, to be called Jefferson's artificial stone. Dated Ottawa, 12th May, 1889.

3199. James Ainslie, of the township of North Dumfries, in the county of Waterloo, gentleman, for a lamp, glass and bottle cleaner, to be called Ainslie's lamp, glass and bottle cleaner. Dated Ottawa, 14th May, 1889.

3200. James Edwin Aygur, of the township of Bertie, in the county of Welland, yeoman, for a hay and straw elevator, called Aygur's hay and straw elevator. Dated Ottawa, 17th May, 1889.

3201. John Colgan, the elder, of the township of Tecumseh, in the county of Simcoe, yeoman, for a revolving sower, called Colgan's revolving sower. Dated Ottawa, 17th May, 1889.

3202. David Smith, of the village of Lakefield, in the county of Peterboro, blacksmith, for a saw-mill swedger. Dated Ottawa, 17th May, 1889.

3203. Alexander A. McCallum, of the township of Hungerford, in the county of Hastings, miller, for a combined cheese bandager and box, called the combined cheese bandager and box. Dated Ottawa, 17th May, 1889.

3204. Thomas Smith Clark, of the city of Toronto, in the county of York, blacksmith, for a mouse and rat trap. Dated Ottawa, 21st May, 1889.

3205. Henry Going, of Wolfe Island, in the county of Frontenac, gentleman, for an improved pail, to be called the new patent pail. Dated Ottawa, 21st May, 1889.

3206. Joseph Young, of the township of Brant, in the county of Bruce, yeoman, for an improved cylindrical churn. Dated Ottawa, 22nd May, 1889.

3207. Henry Yates, of Brantford, in the county of Brant, engineer, for a self-acting crossing on railway tracks, called Yates' self-acting crossing. Dated Ottawa, 22nd May, 1889.

3208. Charles Herbert Mackintosh, of the village of Strathroy, in the county of Middlesex, publisher, for an improved broad cast grain sower, called Mackintosh's broad cast grain sower. Dated Ottawa, 22nd May, 1889.

3209. George Beatty, of the village of Beausville, in the county of Lincoln, boot and shoemaker, for an improvement on toe plates for boots and shoes, called Beatty's toe plates for boots and shoes. Dated Ottawa, 22nd May, 1889.

3210. John Wainsley, of the town of Berlin, in the county of Waterloo, wagonmaker, and Enoch Ziegler, of the same place, carriage-maker, for an improved ploughshare, to be called the perfected Ontario improved ploughshare. Dated Ottawa, 24th May, 1889.

3211. Charles Garth, of the city of Montreal, in the district of Montreal, mechanical engineer, for an improved hot water furnace and apparatus, called Garth's improved hot water furnace and apparatus. Dated Ottawa, 25th May, 1889.

3212. Thomas Smith Clark, of the city of Toronto, in the county of York, blacksmith, for a Tysere for the blast pipe of forges. Dated Ottawa, 25th May, 1889.

3213. Hugh Thompson, of Watertown, in the county of Wentworth, saddler, for an improved trace preserver and holder, called Thompson trace preserver and holder. Dated Ottawa, 25th May, 1889.

3214. Solomon Doll, of the village of Strathroy, in the county of Middlesex, millwright, for a thimble churn. Dated Ottawa, 27th April, 1889.

3215. Isaac Mills, of the city of Hamilton, in the county of Wentworth, gentleman, for an improved combined stove pipe safe ventilator, called Mill's combined stove pipe safe ventilator. Dated Ottawa, 29th May, 1889.

3216. Ira Ham Bradshaw, of the town of Peterborough, in the county of Peterborough, carriage-maker, and Ephraim Robinson, of the same place, carriage-maker, for an improved hay and grain rake, called Bradshaw and Robinson's improved hay and grain rake. Dated Ottawa, 24th May, 1889.

3217. Nelson Washington McKim, of the township of Portland, in the county of Frontenac, school-teacher, for an improved revolving axle horse rake, called revolving axle horse rakes. Dated Ottawa, 25th May, 1889.

3218. Emera Bruce Graham, of the township of South Monaghan, in the county of Northumberland, carpenter, for a sower, called Graham's combined seeder cultivator and roller. Dated Ottawa, 25th May, 1889.

3219. William Power, of the city of Montreal, in the district of Montreal, shipbuilder, for an improved composite mode of constructing steam or sailing vessels, called Power's composite mode of constructing steam or sailing vessels. Dated Ottawa, 25th May, 1889.

(To be continued.)