

## THE MADOC GOLD MINES.

(To the Editor of the Daily Telegraph.)

TORONTO, 13th August, 1867.

SIR,—You will confer a favour by permitting me, through the columns of your valuable journal, to express to your readers an opinion regarding the gold mines in the township of Madoc. I was for several years a miner in California, and whilst there had some experience in the quartz mining. I have just returned from a visit to the mines in Madoc, made for the purpose, in chief, of satisfying myself as to the truth or falsity of the many reports in circulation about them.

Soon after my arrival in the village of Eldorado, I was, by the politeness of Mr. Harding, the gentleman in charge, permitted to examine the Richardson mine, and, on account of a change having taken place during my stay, by a second pocket having been struck, I was accorded the privilege of a second examination of the mine immediately before my departure.

In this mine there is a beautiful lead of quartz rock, some four feet thick, which is extremely rich in gold, and has all the appearances of being extensive, which there can be no reasonable doubt it is. The lead and the rock of which it is composed, bear a striking similarity to many leads that I have seen in California, but the amount of gold visible to the naked eye in the solid rock at the bottom of the shaft, with the aid or y of the light of a small candle, independently of anything that I had formerly heard, convinced me that this mine is much richer than any I have ever seen. I am of opinion that this is one of the most valuable mines ever discovered.

If I had seen the mine before the lead of solid rock had been reached, and whilst the miners were working in the pocket in which it is said the gold was first discovered, and the surrounding rock, I only should not doubt, have been as much astonished as many others at seeing gold found in such a place; but since the solid defined ledge, so rich in gold, has been struck, the matter is not so inexplicable.

I have also visited many of the shafts that have been struck by miners who are prospecting for the precious metals, and travelled over a small section in the neighbourhood of the Richardson mine, and so far as my observation has extended, I am of opinion that the country is rich in mineral wealth, but that it will require some time and no small outlay of capital to develop its resources. I am quite prepared to hear of rich "strikes" being made in Madoc, but I fear many of the miners now prospecting will be disappointed on account of their not having located with sufficient care and skill.

By the kindness of Messrs. Turley & Co., I was permitted to examine a quartz mill which they are erecting in Eldorado, and to discuss the merits of the machinery and apparatus intended for crushing the rock and saving the gold, with a gentleman lately from California, who is in charge of the work, and from a careful inspection of the whole, I arrived at the conclusion that this mill, when finished, will be an excellent one. Although the same in principle as the mills used in California when I was there, I am convinced that it is an improvement upon, and will be entirely superior to any of them. It will be ready to commence crushing in a short time, and if the proprietors Messrs. Turley & Co., will consent to use it for the purpose, will prove a great boon to the miners in the neighbourhood who, instead of procuring an assay of a small quantity of their quartz, can have a ton or several tons crushed, and ascertain precisely what it will pay, which apprehend is impossible, or, at least, highly inconvenient, by means of an assay.

Trusting that you will grant the favour above requested, I am,

Your obedient servant,

THOMAS FERGUSON.

## PATENTS OF INVENTION.

BUREAU OF AGRICULTURE AND STATISTICS,

PATENT OFFICE,

Ottawa, 19th July, 1867.

HIS EXCELLENCY THE GOVERNOR GENERAL has been pleased to grant Letters Patent of Inventions for a period of FOURTEEN YEARS, from the dates thereof, to the persons whose names are included in the following list.

Published by command,

A. J. CAMBIE,

Acting Deputy to the Minister of Agriculture.

No. 2303. John Duncan, of the town of Port Dover, in the county of Norfolk, yeoman, a new and useful improved hay elevator.—Dated Ottawa, 13th April, 1867.

No. 2304. Francis Baker of the village of Eltham, in the township of Nelson, in the county of Halton, yeoman, a new and useful rotary and non-exhaust steam engine.—Dated Ottawa, 16th April, 1867.

No. 2305. James McGarry, of the village of Drummondville, in the county of Lincoln, physician, certain new and useful improvements for carburetting air.—Dated Ottawa, 17th April, 1867.

No. 2306. George Samuel Wilkes, of the town of Brantford, in the county of Brant, Equine, a certain new and useful improvement in rotary and rasping machines.—Dated Ottawa, 19th April, 1867.

No. 2307. Greenleaf W. Batchelder, of the city of Montreal, gentleman, a new and useful improved hay press.—Dated Ottawa, 2nd April, 1867.

No. 2310. Samuel Russell Warren, of the city of Montreal, organ

builder, an improved organ wind chest slide.—Dated Ottawa, 11th April, 1867.

No. 2311. Charles Rolland Merriam, of the town of Sherbrooke, thimble, a new and useful tin sap spout.—Dated Ottawa, 11th April, 1867.

No. 2312. John Houston, of the township of Barnston, in the county of Lincoln, mechanic, new and useful rocking churn.—Dated Ottawa, 16th April, 1867.

No. 2313. George Augustus Brown, of the town of Belleville, in the county of Hastings, carriage builder, a new and useful spring run carriage.—Dated Ottawa, 16th April, 1867.

No. 2314. John Nicholson, of the township of Belvidere, in the county of Vercheres, engineer, an apparatus for lighting villages or towns by means of air and hydrocarbonated steam.—Dated Ottawa, 16th April, 1867.

No. 2315. Homer Taylor, of the city of Montreal, gentleman, a new improved apparatus for generating heat by the combustion of crude petroleum, coal oil, &c.—Dated Ottawa, 16th April, 1867.

No. 2316. George Henry Pless, of the village of Richmond, in the county of Richmond, civil engineer, an improved fire-proof mass cement for roofing and other purposes.—Dated Ottawa, 16th April, 1867.

No. 2317. John M. Vernon, of the city of Montreal, merchant, a new and useful improved composition for coating wood, cloth, metal, stone, brick, making lining for journals, boxes, roofing pavements, sidewalks, &c.—Dated Ottawa, 25th April, 1867.

No. 2318. Charles Hughes, of the city of Montreal, Equine, a portable self-connecting pump.—Dated Ottawa, 25th April, 1867.

No. 2319. Maurice H. W. L., of the city of Montreal, doctor of medicine, a new and improved vacuum electric apparatus for the treatment of various diseases.—Dated Ottawa, 25th April, 1867.

No. 2320. James Bay Shephard, of the township of Colchester, in the county of Kent, merchant, a new and useful well sinker and tubular well, known as Buchanan's well sinker and tubular well.—Dated Ottawa, 16th April, 1867.

No. 2321. Robert Thomas, of the township of Orono, in the county of Simcoe, yeoman, a new and useful log elevator.—Dated Ottawa, 23rd April, 1867.

No. 2322. Jonathan B. Raymond, of the township of Yarmouth, in the county of Elgin, millwright, a new and useful metallic belt—called Raymond's metal belt.—Dated Ottawa, 25th April, 1867.

No. 2323. William Youngman Brunton, of the city of London, in the county of Middlesex, auctioneer, a new and useful founders facing or dust.—Dated Ottawa, 25th April, 1867.

No. 2324. Samuel Wilson, of the town of Bothwell, in the county of Lanark, gentleman, certain new and useful improvements in cheese vats.—Dated Ottawa, 7th May, 1867.

No. 2325. Robert Smith, the younger, of the city of Toronto, in the county of York, machinist, certain new and useful improvements in the construction of amalgamating tables for separating gold from pulverized ore and in the apparatus connected therewith.—Dated Ottawa, 7th May, 1867.

No. 2326. Thomas Forster, of the township of East Flamborough, in the county of Wentworth, carpenter, a new and useful churn, to be called the dairy churn.—Dated Ottawa, 7th May, 1867.

No. 2327. Robert Barclay, of the town of Paris, in the county of Brant, watch maker, a certain new and useful improvement in the construction of sewing machines.—Dated Ottawa, 7th May, 1867.

No. 2328. William Glendell, of the township of North Oxford, in the county of Oxford, a new and useful spinning wheel.—Dated Ottawa, 7th May, 1867.

No. 2329. Richard Porter Chatterton, of the town of Oshawa, in the county of Northumberland, Equine, a new mode of propelling vessels by means of a machine or apparatus, which he has named hatterton's hydro momentum propeller.—Dated Ottawa, 7th May, 1867.

No. 2330. William Harden Bradley, of the township of Haldimand, in the county of Northumberland, yeoman, a new and useful improved cultivator.—Dated Ottawa, 15th May, 1867.

No. 2331. John Johnson, of the city of Toronto, in the county of York, gentleman, a lamp to be called the cotton packed safety lamp.—Dated Ottawa, 7th May, 1867.

No. 2332. George S. Bush, of the city of Montreal, manufacturer, a double acting steam pump.—Dated Ottawa, 5th May, 1867.

No. 2333. John Girty Mungier, of the township of Colchester, in the county of Essex, an improved friction roller farm gate.—Dated Ottawa, 7th May, 1867.

No. 2334. Reuben Wood, of the town of Brantford, in the county of Brant, doctor of medicine, a new and improved water guard, called the air-tight sewer guard.—Dated Ottawa, 13th May, 1867.

No. 2335. Charles E. Kennedy, of the township of Halton, in the county of St. Francis, thimble, a new and useful sap heater.—Dated Ottawa, 9th May, 1867.

No. 2336. Jean Baptiste Bertrand, of the city of Quebec, carpenter, a lever apparatus for changing the position of the rabbit of doors or other openings.—Dated Ottawa, 9th May, 1867.

No. 2337. Frederick Cook, of the village of Oat Springs, in the county of Lambton, oil refiner, a new and useful improvement in apparatus for burning petroleum, and fluids made from it.—Dated Ottawa, 13th May, 1867.

No. 2338. George Harding, of the city of Toronto, in the county of York, plumber, certain new and useful improvements in traps for water closets or slop closets, especially adapted for use in mills, hospitals, asylums and other public institutions.—Dated Ottawa, 13th May, 1867.

No. 2339. John McIntyre, of the town of Windsor, in the county of Essex, merchant tailor, lateral saw called McIntyre's patent lateral saw.—Dated Ottawa, 13th May, 1867.

No. 2340. James B. Faxon, of the township of Waterloo, in the county of Waterloo, machinist, a new and useful wire sharpener.—Dated Ottawa, 13th May, 1867.

No. 2341. William Stuart, of the township of Stanstead, in the county of Stormont, blacksmith, a new and useful self-cleaning plough coulter, called Stuart's self-cleaning plough coulter.—Dated Ottawa, 14th May, 1867.

No. 2342. Robert Findlay, of the town of Windsor, in the county of Essex, gentleman, a new and useful improved double acting pump.—Dated Ottawa, 17th May, 1867.

No. 2343. Louis Labouffle, of Buckingham, in the county of Ottawa, an improvement in the art of purifying ores.—Dated Ottawa, 17th May, 1867.

No. 2344. Joseph Marks, of the city of Montreal, mechanical engineer, a new and useful improved compound self-packing balance globe valve.—Dated Ottawa, 17th May, 1867.

No. 2345. H. A. Wood, of the city of Montreal, mechanical engineer, a new and useful improvement in the manufacture of white lead from metallic lead, in large and small quantities.—Dated Ottawa, 17th May, 1867.

No. 2346. Henry Woodward, of the city of Montreal, Gas Engineer, a new and useful improved apparatus for carburetted coal gas.—Dated Ottawa, 4th June, 1867.

No. 2347. Richard Lewis, of the township of Richmond, in the county of Richmond, ship carpenter, a new and useful communication gate hanging.—Dated Ottawa, 8th June, 1867.

No. 2348. John Recco, of the township of Stanstead, an improved pegging machine.—Dated Ottawa, 14th June, 1867.

No. 2349. Joseph Henry Daly, of the city of Montreal, gentleman, for the in reduction of impurities in railway wheels and tires, and in casting the same, and other articles requiring a hard surface combined with strength and toughness.—Dated Ottawa, 14th June, 1867.

No. 2350. Willam Muir, of the city of Toronto, in the county of York, gentleman, for the improvement of combining and combining the residue of the residue of oil, petroleum and other hydrocarbon substances, of the residue thereof after distillation, for producing an illuminating gas by the process of heat.—Dated Ottawa, 23rd May, 1867.

No. 2351. Alexander H. Warner, of the town of Windsor, in the county of Essex, gentleman, Warner's stainable outward opening door for Churches and Public Buildings.—Dated Ottawa, 6th June, 1867.

No. 2352. Casimir Stanislaus Gzowski and the Honorable David Lewis Macpherson, (by Special Act, Cap 162, 22nd and 30th Vic.) certain improvements in treating certain Ores and Alloys, and in obtaining Metals and other products therefrom.—Dated Ottawa, 23rd June, 1867.

No. 2353. Casimir Stanislaus Gzowski and the Honorable David Lewis Macpherson, (by Special Act, Cap 162, 22nd and 30th Vic.) certain improvements in treating certain Ores and Alloys, and in

obtaining Metals and other products therefrom.—Dated Ottawa, 23rd June, 1867.

No. 2354. James Chase, of the village of Rockville, in the county of Ontario, a new, useful and improved barrel head turner.—Dated Ottawa, 6th June, 1867.

No. 2355. Bigelow, of the town of Lindsay, in the county of Victoria, merchant, a useful water or boat wheel called the "extension pulley water wheel"—Dated Ottawa, 17th May, 1867.

No. 2356. William Thomas Clay, of the village of Thornhill, in the county of York, millwright, a new and useful machine, styled "Clay's Canadian belt feed for grist and merchant mills"—Dated Ottawa, 6th June, 1867.

No. 2357. James Chase, of the village of Rockville, in the county of Ontario, machinist, a new, useful and improved shingle and heading sawing machine.—Dated Ottawa, 6th June, 1867.

No. 2358. John Middleton Wilson, of the city of Ottawa, in the county of Carlton, carpenter, a new and useful repeating section and fore pump.—Dated Ottawa, 6th June, 1867.

No. 2359. William Hartley, of the village of Mount Ford, in the county of Wellington, pattern maker, certain new and useful improvements in the sawing machine.—Dated Ottawa, 13th May, 1867.

No. 2360. John E. Robinson, of the city of London, in the county of Middlesex, oil refiner, a new and useful improvement in the improved method of deodorizing petroleum or rock oils.—Dated Ottawa, 6th June, 1867.

No. 2361. Alexander McLeenan, of the township of Lanark, in the county of Lanark, yeoman, a new and useful hay fork called the "levelly hay fork"—Dated Ottawa, 6th June, 1867.

No. 2362. Thomas Daniel Hodgson, of the city of London, in the county of Middlesex, wagon maker, a new and useful Hodgson's improved wagon for thinning elms for waggons.—Dated Ottawa, 6th June, 1867.

No. 2363. Bernard Sproule, of the village of Packham, in the county of Lanark, carrier, a new and useful wagon loading wagon for facilitating loading hay, grain and articles in bulk.—Dated Ottawa, 6th June, 1867.

No. 2364. John M. Wilson, of the city of Ottawa, in the county of Simcoe, millwright, a new and useful machine, in the county of Simcoe, millwright, a new and useful machine for cutting rails.—Dated Ottawa, 6th June, 1867.

No. 2365. Levi Walker, of the village of Kincaid, in the county of Bruce, pump maker, a new and useful water power which he has called Walker's economic water power.—Dated Ottawa, 14th June, 1867.

No. 2366. Ezra Norman Friedman, of the township of Darlington, in the county of Durham, gentleman, a new and useful invention for the purpose of extracting honey from the comb, to be called the "Lancaster honey extractor"—Dated Ottawa, 14th June, 1867.

No. 2367. Donald Bethune, of the town of Port Hope, in the county of Durham, Equine, a certain new and useful machine or apparatus by which railway brakes are made self-acting, called Bethune's self-acting railway brake.—Dated Ottawa, 14th June, 1867.

No. 2368. Michael Horner, of the township of Markham, in the county of York, millwright, a new and improved self-shuttling gate.—Dated Ottawa, 14th June, 1867.

No. 2369. Samuel Stevens, of the town of Belleville, in the county of Hastings, gentleman, a new and useful improvement in distilling petroleum.—Dated Ottawa, 14th June, 1867.

No. 2370. Henry Wynn, of the city of London, in the county of Middlesex, carpenter, a new and useful Wynn's fountain pen.—Dated Ottawa, 14th June, 1867.

No. 2371. Francis Daniel Taylor, of the city of Montreal, mining engineer, new and useful improvements in machinery for crushing and pulverizing quartz and other bearing substances.—Dated Ottawa, 27th June, 1867.

No. 2372. Walter Dutton, of the town of Ingersoll, in the county of Oxford, cooper, a new and useful method of cutting and joining butts of staves for casks and children, called the Dutton butt.—Dated Ottawa, 27th June, 1867.

No. 2373. Thomas Barnes Bishop, of the city of Montreal, veterinary surgeon, a substituted rubber heel cap for boots and shoes.—Dated Ottawa, 27th June, 1867.

No. 2374. John H. Harkness, of the township of Bedford, hotel keeper, a new and useful coupling for attaching shafts to vehicles.—Dated Ottawa, 27th June, 1867.

No. 2375. Orville Fall, of the village of Chateaufort, in the county of Wellington, miller, a grain cleaner.—Dated Ottawa, 6th June, 1867.

No. 2376. Andrew B. Taft, of the city of Montreal, architect, a new and useful improvement in the Nicholson pavement.—Dated Ottawa, 15th June, 1867.

No. 2377. Thomas Barnes Bishop, of the city of Montreal, veterinary surgeon, a new and useful rubber cushion or elastic horse shoe.—Dated Ottawa, 15th June, 1867.

No. 2378. Gilbert Marcus Hookings, of the city of London, in the county of Middlesex, carpenter and joiner, a new and useful foot mortising machine.—Dated Ottawa, 28th June, 1867.

No. 2379. Francis Nelson Hunter, of the city of Toronto, in the county of York, gentleman, a new and useful farm and stock gate.—Dated Ottawa, 28th June, 1867.

No. 2380. Christopher Lockman, of the city of Hamilton, in the county of Wentworth, machinist, a new and useful saw lug machine.—Dated Ottawa, 27th June, 1867.

No. 2381. Altimus H. Hill, of the town of Stratford, in the county of Perth, cabinet maker, a self-acting car coupler.—Dated Ottawa, 27th June, 1867.

No. 2382. Thomas Hector, of the city of Ottawa, in the county of Carlton, Equine, a new and useful improved boat.—Dated Ottawa, 28th June, 1867.

No. 2383. (Har) Powell, of the village of Newton Brook, in the county of York, certain new and useful improvements to lamps and hose attachments to pumps.—Dated Ottawa, 28th June, 1867.

No. 2384. Henry Nobles Hubbard, of Point Albion, in the county of Windsor, school teacher, a new and useful tub well called Hubbard's improved tub well.—Dated Ottawa, 28th June, 1867.

No. 2385. Joel Sylvester Warner, of the town of Prescott, in the county of Grenville, jeweller, a new and useful compound by which house ashes and pot ash may be converted into pearl ash.—Dated Ottawa, 28th June, 1867.

## ST. JOHN TRADE REPORT.

ST. JOHN, N.B., August 17, 1867.

WE have to report another quiet week, with little in the general aspect of business matters to call for special remark. Reports continue to arrive, showing the destructive character of the late gale. Much valuable property has been destroyed, and many lives lost. The principal amount of damage done seems to have been on the coast of Nova Scotia, and probably more on land even than on the sea. The storm, however, extended along the coast far to the southward, and we may yet hear of many more casualties. The ship "S. L. Tilley," from Savannah to Liverpool, N.S., with pitch and pine lumber, was abandoned at sea during the night of the 2nd, and seven men were lost.

The shipping arrivals of the week have again been very moderate. There has been one vessel from Shields with coals, one from Liverpool with salt, four from Portland with flour and three from New York with general cargoes. I also have seen an arrival from Halifax with sugar and rum, and the Boston and Portland steamers have brought their usual amount of cargo, together with a considerable number of passengers.