ROUND THE MOON.

CHAPTER IX.

THE CONSEQUENCES OF A DEVIATION. Barbicane had now no fear of the issue of the journey, at least as far as the projectile's impulsive force was concerned; its own speed would carry it beyond the neutral line; it would certainly not return to earth; it would certainly not remain motionless on the line of attraction. One single hypothesis remained to be realized, the arrival of the projectile at its destination by the action of the lunar attraction.

It was in reality a fall of 8296 leagues on an orb, it is true, where weight could only be reckoned at one-sixth of terrestrial weight; a formidable fall, nevertheless, and one against which every precaution must be taken without de-

These precautions were of two sorts, some to deaden the shock when the projectile should touch the lunar soil, others to delay the fall, and consequently make it less violent.

To deaden the shock, it was a pity that Barbicane was no longer able to employ the means which had so ably weakened the shock at departure, that is to say, by water used as springs and the partition-breaks.

The partitions still existed but water failed, for they could not use their reserve, which was precious, in case during the first days the liquid element should be found wanting on lunar soil. And indeed this reserve would have been quite insufficient for a spring. The layer of water stored in the projectile at their departure, and on which the waterproof disc lay, occupied no less than three feet in depth, and spread over a surface of not less than fifty-four square feet. Besides, the cistern did not contain onefifth part of it; they must therefore give up this efficient means of deadening the shock of arrival. Happily, Barbicane, not content with employing water, had furnished the movable disc with strong spring plugs, destined to lessen the shock against the base after the breaking of the horizontal partitions. These plugs still existed; they had only to readjust them and replace the movable disc; every piece, easy to handle, as their weight was now scarcely felt, was quickly mounted. The different pieces were fitted with-

out trouble, it being only a matter of bolts and screws; tools were not wanting and soon the reinstated disc lay on its steel plugs, like a table on its legs. Barbicane occupied himself with placing the contrivances intended to break their descent. We may remember the scene of the meeting held at Tampa Town, in Florida, when Captain Nicholl came forward as Barbicane's enemy and Michel Ardan's adversary. To Captain Nicholl's maintaining that the projectile would smash like glass, Michel replied that he would break their fall by means of rockets properly placed. Barbicane had supplied himself with

these fireworks, enclosed in little steel guns, which could be screwed on to the base of the projectile. Inside, these guns were flush with the bottom; outside, they protruded about eighteen inches. There were twenty of them An opening left in the disc allowed them to light the match with which each was provided. All the effect was felt outside. The burning mixture had been already rammed into each gun. They had, then, nothing to do but to raise the metallic buffers fixed in the base, and replace them by the guns which fitted closely in their places.

This new work was finished about three o'clock, and after taking all these precautions there remained but to wait. But the projectile was preceptibly nearing the moon, and evidently succumbed to her influence to a certain degree; through its own velocity also drew it in an oblique direction. From these conmight become a tangent. But it was certain that the projectile would not fall by reason of its weight, ought to be hearts as they went from one window turned toward her.

here a fourth hypothesis, big with all yards! the terrors of the Infinite, surged up inopportunely. To face it without flinching, one must be a resolute savant his pupils. like Barbicane, a phlegmatic being like Nicholl, or an audacious adventurer like Michel Ardan.

But the projectile continued its course sideways to the moon, and with it the answer might be given by a large mamass of things thrown out. Barbicane could even prove, by the elevations which served as landmarks upon the who have never seen it-at least moon, which was only 2000 leagues through a glass or a telescope! How distant, that its speed was becoming uniform--fresh proof that there was no their satellite! fall. Its impulsive force still prevailed over the lunar attraction, but the projectile's course was certainly bringing the arrangement followed for that of hope that at a nearer point the weight, predominating, would cause a decided hemisphere of the lunar globe.

better to do, continued their observa- oblong or circular, and as if traced with tions; but they could not yet determine the compass, they seem to form one the topographical position of the satellite; every relief was leveled under the ing group lying between Greece and reflection of the solar rays.

windows until eight o'clock at night. ful legends. Involuntarily the names The moon had then grown so large in of Naxos, Tenedos, and Carpathos, their eyes that it filled half of the firma- rise before the mind, and we seek vainment. The sun on one side, and the ly for Ulysses' vessel or the "clipper" orb of night on the other, flooded the of the Argonauts. So at least it was in projectile with light.

he could estimate the distance which map. To the eyes of his matter-of-fact separated them from their aim at no companions, the aspect of these coasts more than 700 leagues. The speed of recalled rather the parceled-out land of the projectile seemed to him to be more New Brunswick and Nova Scotia; and than, or about 170 leagues a second. where the Frenchman discovered traces Under the centripetal force, the base of of the heroes of fable, these Americans Tailoring Establishment the projectile tended towards the moon; were marking the most favorable points but the centrifugal still prevailed; and for the establishment of stores in the it was probable that its rectilineal interest of lunar commerce and incourse would be changed to a curve of dustry. some sort, the nature of which they The course taken by the projectile could not at present determine.

must be the result of the two forces,

"I ask but one thing," said Michel penetrate her secrets."

which crossed our path.'

"What?" said Michel Ardan. Nicholl.

ed tone, "I mean that our deviation is owing solely to our meeting with this erring body." But it did not even brush us as it

passed," said Michel. "What does that matter? Its mass, compared to that of our projectile, was

to influence our course." "So little?" cried Nicholl. "Yes. Nicholl; but however little it might be," replied Barbicane, in a dismore to make us miss the moon.'

CHAPTER X.

THE OBSERVERS OF THE MOON

The distance which then separated the projectile from the moon was estimated at about 200 leagues. Under these conditions, as regards the visibility of the details of the disc, the travellers were farther from the moon than are the inhabitants of the earth with their powerful telescopes. Indeed, we know that the instrument mounted by Lord Rosse at Parsonstown, which magnifies 6500 times, brings the moon to within an apparent distance of sixteen leagues. opinion, who gives the moon an atmosone set up at Long's Peak, the orb of night, magnified 48,000 times, is brought to within less than two leagues, and objects having a diameter of thirty feet are seen very distinctly. So that, at this distance, the topographical details lost in an eruption of solar rays. of the moon, observed without glasses could not be determined with precision. The eye caught the vast outline of those immense depressions inappropriately called seas," but they could not recogthe mountains disappeared under the splendid irradiation produced by the reflection of the solar rays. The eye, dazzled as if it was leaning over a bath ] of molton silver, turned from it intowards the earth. The oblique course It was a sight without an equal, those other. He could not think that they would never reach it. No! he could not believe it; and this opinion he of-

with merciless logic. "No, Michel, no! We can only reach the moon by a fall, and we are not falling. The centripetal force keeps us under the moon's influence, but the away from it."

This was said in a tone which quench-

ed Michel Ardan's last hope. At midnight the moon was full. At that precise moment the travelers should have alighted upon it, if the mischievous meteor had not diverted their course. It is needless to say, that during the night of the 5th-6th of December, the travelers took not an instant's rest. Could they close their eyes when so near this new world? No! All their feelings were concentrated in one single thought :- See! Representatives of the earth, of humanity, past and present, all centered in flicting influences resulted a line which | them! It is through their eyes that the human race look at these lunar regions, and penetrate the secrets of their sateldirectly on the moon; for its lower part lite! A strange emotion filled their

to the other. Barbicane's uneasiness increased as Their observations, reproduced by he saw his projectile resist the influence | Barbicane, were rigidly determined. of gravitation. The Unknown was To take them, they had glasses; to coropening before him, the Unknown in | rect them, maps. At a distance which interplanetary space. The man of for three hours in the morning did not science thought he had forseen the only exceed sixty-five miles, and in a medium three hypotheses possible—the return | free from all atmospheric disturbances, to the earth, the return to the moon, or these instruments could reduce the stagnation on the neutral line; and lunar surface to within less than 1500

> "Have you ever seen the moon?" asked a professor, ironically, of one of "No sir!" replied the pupil, still

> more ironically, "but I must say I have

heard it spoken of." In one sense, the pupil's witty jority of sublunary beings. How many people have heard speak of the moon, many have never examined the map of

In looking at a selenographic map, one peculiarity strikes us. Contrary to it nearer to the moon, and they might the Earth and Mars, the continents occupy more particularly the southern

As to islands, they are numerous on The three friends, having nothing the surface of the moon. Nearly all vast Archipelago, equal to that charm-Asia Minor, and which mythology in They watched thus through the side ancient times adorned with most grace-Michel Ardan's eyes. To him it was a At that moment, Barbicane thought | Grecian Archipelago that he saw on the

was bearing it towards the moon's English and Canadian Cloths Barbicane was still seeking the solu- northern hemisphere. The travelers tion of his insoluble problem. Hours were far from the central point which passed without any result. The pro- they would have struck, had their course jectile was evidently nearing the moon, not been subject to an irremediable but it was also evident that it would deviation. It was past midnight; and

never reach her. As to the nearest dis- Barbicane then estimated the distance tance at which it would pass her, that at 750 miles, which was a little greater than the length of the lunar radius, and attraction and repulsion, affecting its which would diminish as it advanced nearer to the North Pole. The projectile was then not at the altitude of "that we may pass near enough to the equator; but across the tenth parallel, and from that latitude, carefully "Cursed be the thing that has caused taken on the map to the pole, Barbiour projectile to deviate from its course," cane and his two companions were able to observe the moon under the most "And, as if a light had suddenly favorable conditions. Indeed, by broken in upon his mind, Barbicane means of glasses, the above named disanswered, "Then cursed be the meteor tance was reduced to little more than fourteen miles. The telescope of the Rocky Mountains brought the moon "What do you mean?" exclaimed | much nearer; but the terrestrial atmosphere singularly lessened its power. "I mean," said Barbicane in a decid- Thus Barbicane, posted in his projectile

upon details which were almost imperceptible to earthly observers. "My friends," said the president, in a serious voice, "I do not know whither we are going: I do not know if we shall ever see the terrestrial globe again. enormous, and its attraction was enough Nevertheless, let us make our observa-

tions!" This said, work was begun with great exactness; and they faithfully reproduced the different aspects of the moon, at tance of 84,000 leagues, it wanted no the different distances which the projectile reached.

With the help of Boer and Moedler's Mappa Celenographica the travelers were able at once to recognize that portion of the disc enclosed within the field of their glasses.

"What are we looking at, at this moment?" asked Michel. "At the northern part of 'Sea of Clouds,'" answered Barbicane. "We are too far off to recognize its nature. Are these plains composed of arid sand, as the first astronomer maintained! Or are they nothing but immense forests, according to M. Warren de la Rue's And more than that, with the powerful phere, though a very low and a very dense one? That we shall know by

> we are in a position to do so. Before them rose a mountain radiant with beauty, the top of which seemed

and by. We must affirm nothing until

"That is -- ?" asked Michel.

"Copernicus," replied Barbicane. "Let us see Copernicus." This mount situated in 9° north lati tude and 20° east longitude, rose to a nize their nature. The prominence of height of 10,600 feet above the surface of the moon forms the most important of the radiating system, situated in the southern hemisphere, according to Tycho Brahe. It rises isolated like a gigantic lighthouse on that portion of voluntarily; but the oblong form of the the Sea of Clouds, which is bounded by orb was quite clear. It appeared like a | the "Sea of Tempests," thus lighting gigantic egg, with the small end turned | by its splendid rays two oceans at a time. of the projectile, from its very obliquity long luminous trains, so dazzling in the gave Michel Ardan some hopes of strik- full moon, and which, passing the ing the lunar disc at some point or boundary chain on the north, extends to the "Sea of Rains." At one o'clock

of the terrestrial morning the projectile, like a balloon borne into space, overten repeated. But Barbicane, who was looked the top of this superb mountain. a better judge, always answered him Barbicane could recognize perfectly its chief features. Copernicus is comprised in the series of ringed mountains of the first order, in the division of great circles. Like Kepler and Aristarchus, which overlook the Ocean of centrifugal force draws us irresistibly Tempests, sometimes it appeared like a brilliant point through the cloudy light, and was taken for a volcano in activity. But it is only an extinct one, - like all on that side of the moon. Its circumference showed a diameter of about twenty-two leagues. The glasses discovered traces of stratification produced by successive eruptions, and the neigh-

> "There exist," said Barbicane, several kinds of circles on the surface of the moon, and it is easy to see that Copernicus belongs to the radiating

borhood was strewn with volcanic re-

mains which still choked some of the

At this moment the projectile hung perpendicularly over the circle. The circumference of Copernicus formed almost a perfect circle, and its steep escarpments were clearly defined. They could even distinguish a second ringed enclosure. Around spread a greyish plain, of a wild aspect, on which every relief was marked in yellow. At the bottom of the circle, as if enclosed in a jewel case, sparkled for one instant two or three eruptive cones, like enormous dazzling gems. Towards the north the escarpments were lowered by a depression which would probably have given access to the interior of the

In passing over the surrounding plains Barbicane noticed a great number of less important mountains; and among others a little ringed one called Guy Lussac, the breadth of which measured

Towards the south, the plain was very flat, without one elevation, without one projection. Towards the north, on the contrary, till where it was bounded by the Sea of Storms, it resembled a liquid surface agitated by a storm, of which the hills and hollows formed a succession of waves suddenly congealed. Over the whole of this, and in all directions, lay the luminous lines, all converging to the summit of Copernicus.

The travelers discussed the origin of these strange rays; but they could not determine their nature any more than

terrestrial observers. About two o'clock in the morning Barbicane found that they were above the twentieth lunar parallel. The distance of the projectile from the moon was not more than 500 miles. Barbicane, now perceiving that the projectile was steadily approaching the lunar disc, did not despair, if of reaching her, at least of discovering the secrets of her configu-

(TO BE CONTINUED.)

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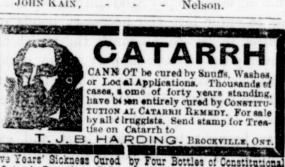
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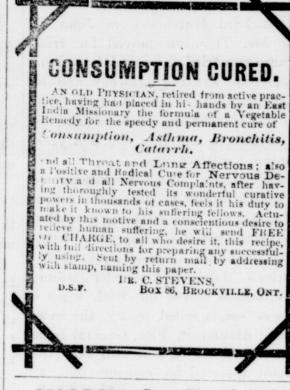
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ROYAL HOTEL,

King Square. HAVE much pleasure in informing my numerous friends and the public generally, that I have sed the Hotel formerly known as the "CONTI-NENTAL," and thoroughly renovated the same, making it, as the 'ROYAL" always had the repuation of being, one of the best Hotels in the Pro-Excellent Bill of Fare, First-class Wines, Liquor and Cigars, and superior accommodation Blackhall's Livery Stable attached THOS. F. RAYMOND

Mrokerage, etc.

St John, July 9 1877.

MACLELLAN & CO., BANKERS & BROKERS. ST. JOHN, N. B.

L' the facilities of an Incorporated Bank afforded LUKE STEWART, SHIP BROKER & COMMISSION MERCHANT SAINT JOHN.

IVERY kind of legitimate Banking done, and all

NEW BRUNSWICK. WILLIAM J. FRASER. COMMISSION MERCHANT,

IMPORTER AND DEALER IN TEAS, SUGARS MOLASSES, &C. HEAD OF TOBIN'S SOUTH WHARF, UPPER WATER STREET, HALIFAX N.S. CONSIGNMENTS PROMPTLY ATTENDED TO.

General Agent SHIP BROKER, AND COMMISSION MERCHANT,

Vroom & Arnold SHIP BROKERS AND COMMISSION MERCHANTS, MARINE INSURANCE AGENTS,

SMYTH STREET,

ST. JOHN N. B.

Newcastle, Miramichi, N. B.

R. H. ARNOLD. & R. Brodie, GENERAL

DEALERS IN AND No. 16, ARTHUR STREET, Next the Bank of Montreal. QUEBEC.

Commission Merchants

devices, medical or other compounds, ornamental labels. Caveats, Assignments, Interferences, Apng under the PATENT LAWS, promptly INVENTIONSTHATHAVEBEEN REJECTED by the Patent Office may still, in most cases, be patented by us. Being opposite the Patent Office, we can make closer searches, and secure Pa-

INVENTORS send us a model or sketch of your device; we make examinations free of pondence strictly confidential. Prices low, and NO CHARGE UNLESS PATENT IS SECURED.

numbered 179 in said Volume, and which said Indenture of Mortgage and the moneys thereby secured and made payable has been assigned to me

those who are remote from Washington.

We refer to officials in the Patent Office, to our clients in every State of the Union, and to your Senator and Representative in Congress. Special references given when desired. C. A. SNOW & CO., Address-Opposite Patent Office, Washington, D. C. Of Mortgagee.

Travelers' Column.

Translation of the second Chatham Branch Railway. SPRING 1878.

ON & AFTER MONDAY, 29th APRIL, 1878, until in connection with the Intercolonial ilway, daily, (Sundays excepted) as follows : GOING SOUTH. STATIONS. EXPRESS. ACCOM'DATION

Depart, 11.35 p. m., 11.10 a. m 12.10 p. m 12.40 " GOING NORTH. No. 3. STATIONS.

ACCOMMD'TION. EXPRESS. Depart, 5.00

CHATHAM & NEWCASTLE. Trains between Newcastle and Chatham run a

follows—Miramichi (or St. John) time: 12.08 a.m. Chatham, 12.55 a.m. 4.15 a.m. N'castle, 5.10 a.m. 11.10 a.m. N'castle, 12.20 p.m. 11.30 a.m. Chatham, 12.40 p.m. 2.10 p.m. Chatham, 5.30 p.m. 4.10 p.m. N'castle, 5.17 p.m. The above Tables are made up on St. John (or Miramichi) Time. All the above Trains stop at Nelson Station, both All freight for transportation over this road, if bove Fourth (4th) Class, will be taken delivery of at the Union Wharf, Chatham, and forwarded free

of Truckage, Custom House Entry or other charges. Close connections are made with all pas senger Trains both DAY and NIGHT on the Inter Express Train from Riviere du Loup on Saturday will run through to Halifax and St. John on Express Train from Halifax and St. John for ST. JOHN ST., - - CHATHAM. Riviere du Loup will remain over Sunday at Camp-

Mondays, Wednesdays and Fridays, and to Halifax on Tuesdays, Thursdays and Saturdays, and from St. John, Tuesdays, Thursdays and Saturdays, and from Halifax, Mondays, Wednesdays and Fridays. Chatham Passengers wishing to return from the Junction by the same train may obtain Tickets for the trip both ways at one fare. Tickets for the Chatham Railway are sold at the Junction Station (as well as at the Chatham end of the line) and all passengers are requested to procure them before going on the Cars. Passengers who are not provided with Tickets will be charged extra

INTERCOLONIAL RAILWAY.

1878. Summer Arrangement. 1878. ON and after MONDAY, 29th APRIL, trains will leave CHATHAM JUNCTION STATION Express for St. John, Picton, Halifax and Way Express for Rivere du Loup and Way Stations and

commodation for Moneton and Way Stations, making connection at Moncton for Shediac and Point du Chene at 11.35 a. m. ommodation for Rivere du Loup and Way Sta tions, at 4.35 p. m. C. J. BRYDGES. Gen. Supt. Gov't Railways. Moneton, N. B., April 25th, '78.

all points North and West, at 4.38 a. m.

"NEW ERA," Will run as follows until further notice. LEAVE NEWCASTLE. LEAVE CHATHAM. 9.30 a. m.

2.00 p m. 4.30 " TIME TABLE---1878. "ANDOVER."

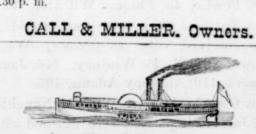
Leave Newcastle for Indiantown diantown for Chatham Chatham for Indiantown TUESDAY. Indiantown for Chatham Chatham for Indiantown WEDNESDAY Indiantown for Chatham 8 a. m. Chatham for Indiantown Indiantown for Newcastle THURSDAY.

Steamer will remain at Newcastle prepared to do Leave Newcastle for Redbank Redbank for Newcastle SATURDAY. Newcastle for Indiantown Indiantown for Chatham

The "Andover" will always remain in Newcastle until the arrival of the "New Era" from Chatham

Chatham for Indiantown

Indiantown for Newcastle



1878. INTERNATIONAL STEAMSHIP COMPANY. FALL ARRANGEMENT.

TWO TRIPS A WEEK. O<sup>N</sup> and after MONDAY, Sept. 23rd, and until further notice, the splendid sea-going Steamer CITY OF PORTLAND, S. H. PIKE, master, will leave Reed's Point Wharf every MONDAY and PORT, PORTLAND and BOSTON, connecting both ways at Eastport with Steamer BELLE BROWN for St. Andrews, St. Stephen and Calais. Returning will leave Boston every MONDAY and THURSDAY Mornings, at 8 o'clock, and Portand at 6 p.m., after arrival of noon train from Boston, for Eastport and St. John. No claims for

W. H. CHISHOLM, D. T. JOHNSTONE.

allowance after goods leave the warehouse.

aly, up to 6 o'clock, p.m.

CICALTA

Freight received Wednesday and Saturday

Chatham Livery Stables. Regular Coaches to trains leaving and arriving at

Chatham

Notice of Sale. To James Robertson, junior, and all and every other person or person whom it may concern.

TAKE NOTICE that there will be sold at Public

Office and Stables - - - Water

Auction, at the Lamp Post, in front of W. S. Morris' Store, in the Town of Chatham, in the County of Northumberland, on FRIDAY, the Fifteenth day of November next, at Three o'clock in the afternoon, the Lands and Premises hereinafter mentioned, that is to say: LL that Piece, Parcel and Tract of LAND situated in Tabusintae, Parish of Alnwick, and bounded and described as follows, to-wit : beming at a Post standing on the south side of ank of the Tabusintae River at a point where the west line of lot number five in the Indian Reserve strikes the same, thence running south twenty hains, thence west until it strikes the east line of lot number eight, thence along the said line north until it strikes Portage Brook and thence along the various courses of said Brook in a north-easterl direction to the place of beginning and known and listinguished as lots numbers six and seven in the Indian Reserve, south side of Tabusintac River and containing by estimation two hundred and ten res, more or less, together with the Buildings, The above sale will be made under and by virtue a power of Sale contained in a certain Indentur of Mortgage, bearing date the 3rd day of September A. D. 1877, made between the said James Robert tents more promptly, and with broader claims, than son, junior, of the one part and James McLean of the other part, and which said Indenture of Mortgage is registered in the records of Deeds in and for Northumberland County, aforesaid the Nine teenth day of September, A. D. 1877, in Volume 58 of the County Records, pages 247 and 248 and is

> Dated this First day of August, A. D. 1878. M. S. BENSON, Solicitor for Assignee

Manuts'., Builders, etc.

MIRAMICHI STONE WORKS.

New Brunswick. Joseph Goodfellow - - - - Proprietor. GRINDSTONES, Spindle Stones and Building Stone supplied in any quantity desired at short

NORTHESK, MIRAMICHI,

The Grindstones from the above works were awarded one of the two Medals for that class of Manufactures at the Centennial Exhibition. ENCOURAGE HOME WORK!

CARRIAGES, FARM WAGONS, EXPRESSES. SLOVENS, &c., Manufactured of the very latest styles, first class

stock, and workmanship second to none. AGRICULTURAL IMPLEMENTS f every description on hand and made to order. REPAIRING, BLACKSMITHING,

PAINTING, &

TRIMMING properly attended to.

TERMS LIBERAL Please give us a call. BAKER & CO.,

CARD! THE UNDERSIGNED would beg leave to inforn. his Patrons and the Public generally that he

PLANS, DESIGNS SPECIFICATIONS For any description of Building re-AF PRICES REASONABLE! TO

GEORGE CASSADY. hatham, N. B. 4th April, 187



FARMERS OF MIRAMICHI. We have been Manufacturing IRON FRAME MOWERS For the last four years, and are now offering to the

TO THE

BEST MOWER, combining greater excellence of mechanical simplicity together with greater durability and entire cliability for all the requirements of the field, than any other Mower extant. - In construction they are imilar to the celebrated Walter A. Wood's Iron Frame Mower, and the Richardson Buckeye, both American Machines. Of the former there are over 200,000 in use, and the extraordinary number of 0,000 were manufactured and sold last season, by the Wood Company of United States. We have ever 500 of our manufacture now in use, every one of which (no exceptions) stands as a monument of the grand and unprecedented success of home nanafacture and our enterprise. A list of our Agents in this section of the Province will be found ppended, and farmers are requested to ask infornation of them relative to our Mowers in use in heir respective localities, which will establish ny other mower to be had in our market.

The facility of procuring all parts or pieces with adow of a doubt the claims such an enterprise is upon the farmers of the Maritime Provinces. For the coming harvest of 1877 we will manu-acture LARGLY in excess of our numbers of last season, and trust that our growing enterprise may find such inducements held out to it as will be commensurate with its merits. Let it be remembered we have no hesitation at Il times, in entering into a friendly competition in the field with any other machine in our market. WEGUARANTEE OUR MOWERS TO BE INFE-RIOR TO NONE. Farmers would do well to nquire prices and terms before purchasing else-

AGENTS: Campbellton-Malco M Patterson. Dalhovsie-David Ritchie. Bathurst-Charles Ross. Newcastle-Stephen Y. MITCHELL. Doaktown-Robt. Swim & Son. Richibucto-WILLIAM WHETEN. Buctouche-B. Foley. M'Farlane, Thompson & Anderson

our Agents, CHEAP. Fredericton, June 5, 1877.

improved HORSE RAKES to be had of

P. S.-Various patterns of the most

ELECTRO-PLATING. KNIVES, FORKS, SPOONS TEA-SETS, TRAYS, CAKE and BREAD BASKETS, SLEIGH BELLS, and

other articles plated equal to new work. Orders by Express or Mail promptly attended to. R. HENDERY. danufacturing Silversmith and Electro-Plater.

184 St. Peter Street, Montreal.

Notice to Mill Owners THE Subscriber is prepared to furnish his PATENT LOG CARRIAGE SHIPPING MA CHINE, to any parties requiring the same, or supply drawings, etc., to enable parties to manufac ture it for themselves The above is in use in several Mills on this River and perfect satisfaction is guaranteed. Full information given by application to the Sul.

ROBERT McGUIRE. Chatham, 29th May, '78. I. WATHESON & Co.

Engineers & Boiler Makers New Glasgow, N. S., Estimates Furnished for Engines and Boilers, Mill and other Machinery.

Patronize Home MANUFACTURE

I am now prepared to supply the Public with Superior Quality of Windows, Blinds HOUSE, FINISHING,

For Inside or Outside. First Quality Pine or Cedar Shingles, and to Plane and Match Lumber, and Plane and Butt Clapboards. Scroll Sawing to any Pattern TURNING, &c. Having a Moulding Machine I am prepared to

pply mouldings of different patterns, and toldo oiner work generally, at reasonable rates, guaran AT ORDERS SOLICITED AND ATTENDED TO. TO. CALL AT THE

Sash and Door Factory.

PUBLIC WHARF. - - - - CHATHAM PETER LOGGIE. Liberal Prices will be given for Pine and Cedar wood suitable for making Sawı. P. L.

J. R. GOGGIN. SIXTY-SIX SPECIMEN COPIES of our BEAUTIFUL OIL CHROMOS free, to reponsible Agents. Enclose 10 cts. with your applie ation to cover postage. Steigelman & Co., 104 w. 6th St., Cincinnati, O.