Without Wires

R.Hutcheson Conducts Successful Wireless Telegraphic Experiments on the Arm.

Sends Message With Ease From Pole to Pole Through the Alr.

Sends Message With Ease From Pole to Pole Through the Alr.

Mr. Robert Hutcheson conducted some very successful experiments with wireless telegraphy gesterdy morning on Victoria arm, sending and receiving measages without wires for about hair amile with the most simple apparatus and small coils. With more powerful destruments he can send messages without wires for about hair amile with the most simple apparatus and small coils. With more powerful destruments he can send messages without wires for about hair adicage of the company of finish the signal stations. It instruments were placed on the Empresses and a Cape Beale or Carmanah the liners could be operated and any millions. The instruments were placed on the Empresses and a Cape Beale or Carmanah the liners could be considered to the strength of the transmit.

The receiving instrument was taken of the through the was a plate of copper, a foot square, insulated wire attached to the groupt was a plate of copper, a foot square, insulated wire attached to the groupt was a manifer copper alsy plate of which a similar copper alsy plate of which a similar copper alsy plate of which a similar copper alsy plate of the ground from the receiver. The sending instrument was taken on the laland, was a manifer of taps, the messages being received through the air from plate to plate with much more space intervening.

The receiving instrument was taken of in the launch replied by forwarding the same number of taps, the messages being received through the air from plate to plate with much more space intervening.

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The receiving instrument used by the operators who yesterday emulated Marconi consisted of the ordinary telegraph.

leave them ready to receive another wave.

The transmitter used is an ordinary induction or spark coil on the terminals of which is mounted the oscillator, consisting of a central ball of brass with two smaller balls of similar metal on either side. When the key is closed sparks are started between these balls, which give rise to the vibrations carried by the connecting wires to the sky plate at the top of the pole, whence they radiate in all directions, a portion of the vibrations reaching the far away sky plate of the receiving apparatus and coherer. A model of the poles and apparatus is on exhibition in the window of Hinton & Co.'s store on Government street.

Mr. Hutcheson has won considerable local note among electricians by clever.

The transmitter used is an ordinary induction or spark coil on the terminals of which is mounted the oscillator, consisting of a central ball of brass with the coal there are extensive deposits of valuable fire and potative value. San Poll river, to the city of Phoenix with said state. Subsequently, further and the valleys of Curlew creek and the valleys of Curlew and the

*NJUNCTION

Affidavit and Exhibits Filed in Application Heard on Thursday,

The following affidavit and exhibits an interim injunction was given against the V., V. & E. railway on Thursday

IN THE SUPREME COURT OF BRITISH COLUMBIA.

Between the Grand Forks and Kettle River Hailway company, Plaintin, and the Vancouver, Victoria & Eastern Railway & Navigation company, Defendant.

1. Tracy William Holland, of the city of Grand Forks, in the province of British Columbia, railway manager, make oath and say as follows:

1. I am the secretary and general manager of the plaintiff company, and have had since the company's incorporation, and still have the active management of the company's operations in this prevince.

2. The plaintiff company was incorporated.

AGAINST V.V.&E.

man's island by steam launch of which we have a company to the proposition and the launch of copper, a foot square, insulated by the state-ments to keep the current from entering the damp wood, and connecting with this "sky" plate was a well insulated wire attached to the receiving instrument was taken of in the launch in which were W. E. Hall, F. M. Kelly and D. T. Jones, and a pole was raised like a mast in the launch of the hall the launch in which were W. E. Hall, F. M. Kelly and D. T. Jones, and a pole was raised like a mast in the launch of the hall the simulation of the hall the launch was at least and the sender in the launch in which were word from the island with a handkerchief, and the sender in the launch replied by forwarding the launch replied by forwarding the launch was at least half a mile away, and the experimenters believe that they could be a summary of the poentors who preserved, emulated disappears with the addition of a small plate with success, until the launch was at least half a mile away, and the experimenters believe that they could make the launch was at least half a mile away, and the experimenters believe that they could make the launch was at least half a mile away, and the experimenters believe that they could make the launch was at least half a mile away, and the experimenters believe that they could make the launch was at least half a mile away, and the experimenters believe that they could make the launch was at least half a mile away, and the experimenters believe that they could be a summary of the solice of the poentors who preserved we mutated disappears and the experimenters believe that they could be a summary of the solice of the poentors who preserved we mutated disappears and the experimenters believe that the couple of the formal plane of the poentors who preserved, when the make the preserved are took the poentors who preserved, which they are forwarded by the open of the transmitter. The setting the annual plane that the preserved in the poentors who preserved the

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DIXIH.ROSS&CO

verily believe, the surveys of the said Canadian section made by the said James H.
Kennedy and the map or plan thereof deposited as in the seventh paragraph of this
my affidavit mentioned.

15. The granting of the said Canadian
section has been and is being carried on
contemporaneously with the grading of the
section from Marcus to Cascade City, and
the section from Carson to Republic, the
whole work of laying out, grading, and
building the said line of railway from Marcus to Republic being carried on as one
and the same undertaking by one firm of
contractors. So far as I have ever heard,
none of the directors or officers of the defendant company have interfered or acted
in any way in connection with such grading
and work.

14. All negotiations with the plaintiff
company relative to differences between
the plaintiff and defendant as to their respective rights of way have been conducted
on behalf of the defendant company by
the said Baidwin, Charles, Snapp, and one
E. C. Pollard, or by some or one of them.

15. During the pagetiations hetween the
Chief Engineer, V. V. & E. Ry.

Approver:

Chief Engineer Agents of Said Canadian
and the same undertaking by one from of
Chief Engineer, V. V. & E. Ry.

Approver:

Chief Engineer Agents of Said Canadian
and Market Said Canadian
and Columbia free right of
way one hundred and fifty fee wide, from
Canadian Pacific railway, through blocks
4, 9 and 10, in VanNess addition, and blocks
1, 4, 8, 13, 18, 24, 39, and 33 in Columbia, also
right of way one hundred and fifty fee wide, from
Canadian Pacific railway, through blocks
4, 9 and 10, in VanNess addition, and blocks
1, 4, 8, 13, 18, 24, 39, and 33 in Columbia, also
right of way one hundred fand fifty fee wide, from
Canadian Pacific railway, through blocks
4, 9 and 10, in VanNess addition, and blocks
1, 4, 8, 13, 18, 24, 39, and 33 in Columbia, also
right of way one hundred fand fifty fee wide, from
Canadian Pacific railway, through blocks
4, 9 and 10, in VanNess addition, and blocks
1, 4, 8, 13, 18, 24, 39, and 33

The state of the s

That during the last three years he has made, or caused to be made, surveys for the location of a line of railway connecting Republic in the State of Washington, with the line of the Spokane Falls & Northern Railway company, and by way of that line of the Great Northern Railway company and its connections, or with the min line of the latter company. Such surveys have been made by way of the Columbia river. Okanagan river, the headwaters of the Okanagan river, the head waters of the Spokane river, and also by way of Kettle river and Curlew valley. Such surveys and investigations have been made at an outlay of over \$50,000.

From the knowledge derived from such survey, considering the character of the country, its prospective business development and the cost of construction, deponent is of the opinion that the most practical line for the construction of a railway to Republic is by way of the Kettle river and Curlew valley, which is shown on the surveys and maps which are now before the Hepartment of the Interior at Washington, D. C. When the line was located, as shown on

Department of the Interior at Washington, D. C.

When the line was located, as allown on said maps, deponent was not informed as to the definite location of the line of the Republic and Kettle River company, but he did not know, nor does not know, that the line as shown on said map, crosses the line of the Kettle River company at various points between Curlew and Republic. Between said points there is a canyon, pass or defile. The line of the Washington and Great Northern Rallway company is located in a valley and its grade as located between said points, is made to conform as near as is princicable, with the grade of the line at other points with a view of avoiding a maximum grade higher than at other points. The valley is in many places very narrow, being but little in excess of the width of the river. The location of the line through the canyon and along the river was made necessary by reason of the many narrow points in the val-

WOMAN DISAPPEARS.

Mrs, Powell Vanished.

Vancouver, Dec. 21.—(Special.)—The strange disappearance of Mrs. Powell, a handsome young married woman of Vancouver, is mystifying the police. On Thursday afternoon she left her home with a strange man and has not been heard of since. According to the woman's sister, a young man respectable looking, wearing dark clothes and hard hat, called at the Powell home, which is on the outskirts of the city. He said he was buying chickens, and asked Mrs. Powell if she wanted to sell any. She replied she did not but wanted to buy a Minorca rooster. The young man said he had a fine Minorca for sale cheap at his place just down the road a bit. He added that if she would come and look at the rooster perhaps she would want him. Mrs. Powell started for her hat and jacket and in passing her sister, said she would be back in 10 or 15 minutes. Since that time all trace of her and the man is lost. Mr. Powell, the missing woman's husband, is heart-broken over the affair, and declares that it is his belief that something terrible has happened. The Powell's are Germans, and can speak very little English, not having been in this country long. The police are investigating the case.

News of the Waterfront

Colliers Reach Port From San Francisco-Sealers Ready to

Sail.

Repairs to the C. P. N. Steamer Hating Now Almost Completed.

There were several arrivals from sea yesterday, inluding three colliers, the Bristol, Wellington and San Mateo, from San Francisco to the island collieries, and a fleet of sailing ships. The Quadra returned from a Gulf cruise, the Fingal arrived with freight from the Mainland, and two schooners, the Triumph and Florence M. Smith, got their crews on board and went to James Bay ready to proceed on their cruise on Monday. The steamer Oopack, chartered by Dodwell & Co., is not to come over today to load from Tacoma to load the salmon cargo at the Outer wharf as was expected, as she has been delayed on her inbound voyage, having just reached the Sound port from Kobe after a long and stormy passage of 22 days. The Blakeley, the treasure hunting brigantine, moored at Spratt's wharf, has completed her overhaul, and will be ready to sail in about a week's time. At the Sealing her overhaul, and will be ready to sail in about a week's time. At the Sealing company's wharf the Vera and Casco are alongside loading supplies and outfit for their cruise to Japan, after sealing off the coast, and the Arietis was launched from Turpel's ways after being overhauled, and the Penelope was hauled out. Among the ships which passed up were the Alsterkamp, a German ship in ballast, 157 days from Hamburg, Cambrian Chieftain from Melbourne via Penco in ballast to load wheat, and the Invincible from San Francisco. The Alsterufer, a sister ship of the Alsterkamp, is overdue from Hamburg, being out 17 days more than the just arrived vessel.

vessel.

*A new ship has been added to the fleet, bound around the Horn to Victoria, the ship Ladahk, 1,908 tons, Capt. Hannah, having sailed from Cariff with coal for the Navy on Tuesday last. She is the sixth loaded ship on the way to this port the Springbank being now about due—she is out 141 days from Greenock—the ship McDiarmid being out 73 days from Liverpool, and the Belford out the same length of time from London, the Holwood is 24 days from Liverpool, and Kate Thomas 34 days from the port on the Mersey.

A BOTTLE MESSAGE.

Picked up Among the Kelp at Oak Bay Yesterday Morning.

detail of the disaster, in which he was also overwhelmed, having seemingly changed his mind about his ability to reach shore after the craft foundered.

The remnants of the wreck, a pint whiskey flask minus the whiskey and plus a scraggy piece of an envelope back, was found yesterday morning at Oak Bay, where it was stranded in the kelp on the shore opposite the late James Chicken's illahee on Mary Todd island. Daniel Davenport Chapman happened to be walking along the beach when he espied the flask in the kelp and salving it, he took it to the United States consulate. There the message from the sea read as follows:

"Off the Alice, Struck a rock and I was the only survivor, do not think I can reach shore; no I cannot. Goodbye."

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