In The World Of Easy Travel

NEWEST NOTES OF SCIENCE

By authority of the Brazilian government the railways of that country and Paraguay will be connected, providing another transcontinental line for South America.

New tiling for walls and ceilings has grooved edges that fit together and is attached by metal fasteners that enter the back of each tile, saving the use of cement.

The Russian government has ordered the creation on crown lands of reserve areas for the preservation of fur bearing animals and of birds, especially of sables in Siberia.

A patent has been granted for a mucilage bottle with a pin valve in its top to permit its contents to be poured out in small quantities and a metal bap to spread the mucilage.

Guns that the automatically loaded with acetylene gas and discharged have been invented in Scotland for fog signals, wireless waves from central stations starting their mechanism.

So that an old oil lamp can be used for electric lighting an incandescant lamp socket has been patented that has a base which fits into the tines that formerly held the lamp chimney.

Because some roads in Argentina have deeper dust in summer and deeper mud in winter than any others in the world, the wagons used on them have wheels from six to fifteen feet in diameter.

The handle of a fountain shaving brush patented by a New York man is hollow and can be filled with liquid soap, which is supplied to the bristles through a valve operated by a button.

The government is encouraging experiments in France with a device to protect against hail, essentially a large lighting rod of pure copper which is said so to affect atmospheric electricity that hailstones cannot form.

Berlin scientists have found that yeast, beside being useful in bread and beer, can be made to produce flavoring extracts, a muscle building tonic and a non-inflammable substitute for celluloid.

A large railroad which has electrified its New York terminus has put into service an electrically driven wrecking outfit whic htakes current from the third rail that supplies it to locomotives.

Specialists of the department of agriculture, searching for new plants in South America, have learned that the navel orange, now so largely grown in the United States, originated nearly a century ago near Bahja, Brazil.

The government of Brazil has begun work on an extensive system of reservoirs to enable the residents of its northeastern states to get water in long dry seasons, which frequently occur.

The bureau of standards has found that better glass melting pots can be made of clays found in the United States than of clays imported from Germany, heretofore considered necessary.

The production of fuel briquettes in the United States last year exceeded 295,000 tons and was the greatest on record, being an increase of 33 per cent from the year before.

Experiments in France have shown that wireless waves travel over land with almost the speed of light and efforts are being made to learn if the speed over the ovean is the same.

Five and a half tons of coal are burned annually in the United States for each undeveloped horsepower available in the streams of the nation.

One of the new laundry machines can be used in a bathroom, being supplied with water through hose from the wash stand and emptying into the closet.

On the face of new watches appears an additional dial with a single hand to indicate how tightly their main springs are wound and prevent overwinding.

Work has been begun in Australia on a system of locks and weirs that will make the Murray river navigable far inland and supply irrigation to about 1,500,000 acres of land.

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The place where all auto troubles are made right. Auto supplies of all kinds; cars washed and stored. Repair work a specialty; prices reasonable. Call and give us a trial. Always open.

DALY'S GARAGE
335 King Street.

Helpful Hints.

A cracked water-jacket is not as serious trouble as one might imagine. The cylinder should be removed and the inside examined to make sure that there is no leak into the cylinder. If there is, that must be repaired also. If not, the leak in the water jacket can be welded and the casting made serviceable again. If you wish to experiment before having the above repair made, try rusting the edges together. Make a strong solution of sal-ammonia in water and pour into water-jacket. As it works out through the leak it fills it with rust and so gradually closes it up.

Never neglect a leak of gasoline, even if it is slight. The colorless vapor accumulates and damaging fire may result. If tightening the joint doesn't stop the leak, rub soap in the threads. If the carburetor catches fire do not give way to panic. Shut off the gasoline at the tank and start the motor if possible. A self-starter is useful here, but one should spin it by hand if necessary. This draws the flame into the carburetor, where it will do no harm. Water from the radiator may be thrown on burning woodwork, but never throw water on a pool of burning gasoline on the floor, as it only spreads the fire.

The edges of the rails wear away the read rubber and cause a sharp bending action of the fabric, which will usually develop breaks inside. It is just a matter of time until the rubber cover loosens underneath and the fabric weakens from moisture and decay.

Be careful when driving on wet rails; quick twisting of the front wheels may result in accident from the rear of the car skidding sideways when leaving the rails.

Punctures through the thread and fabric of the casing should receive prompt attention at all times of the year, and more particularly in winter.

Tires
Tires - Tires

ALL MAKES AND SIZES

DUNLOP,
DOMINION NOBBY TREAD,
GOODRICH,
SILVER TOWN CORD,
GOODYEAR,

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You Can't Overwork Her

No one has yet urged a Gray-Dort to her limit. No one has yet found a hill to stop her. No one has found mud or sand deep enough to make her balk. No one has dared to use all her speed on the level. Frankly, we do not know how much she will do. We have not yet found a test she will not overcome.

Here is Why She'll Go Anywhere, When and How You Want

MOTOR—Gray-Dort, 4 cylinder, cast en bloc, L-head type, bore 3½ in., stroke 5 in., speed 2,000 r.p.m., horsepower 28. Cast iron removable heads. Timing gears—cast iron helical. Carter Carburetor. Thermo-syphon cooling, 3 gallon tube and finn radiator. 4 quart oil pump and splash lubrication. Westinghouse two unit starting and lighting system. Connecticut battery ignition. 12 inch cone clutch with 6 compensating springs. Three speed and reverse selective transmission, with double row New Departure bearings. Universal joint. Gasoline tank under cowl. I beam heavy duty front axle. ¾ floating rear axle, with forked tube torsion and Hyatt High Duty bearings. 10 inch internal expanding and external contracting brakes. Pressed steel frame. Springs—front 37 in. elliptic, rear 50 in. full cantilever. Left-hand drive. 16 in. irreversible worm and nut type steering wheel. Centre gear shift lever. Emergency brake, right pedal. Service brake, clutch pedal. Accelerator. Spark and throttle control on steering wheel. Artillery type wood wheels. Detroit demountable rims. 30 x 3½ Dominion tires. Nobby Tread rear. Westinghouse electric lighting. Linoleum covered running board. Lock ignition switch. Dashlight, ammeter, roberail, footrail, clear-vision windshield, one-man top, tools, equipment complete.

5 passenger touring model, $910
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Just as no one has yet overworked her, so, too, no other car, at any price, offers motoring essentials she does not possess. She will take you anywhere, as fast as you please, in comfort, economically. What more could you ask?

She is beautiful in appearance, with smooth lines and permanently handsome finish—the same beauty that has made Gray buggies famous.

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"The Quality Goes Clear Through"

GRAY-DORT
$910

W. P. Peters
Kingston

The Latest Market Reports

LIVE STOCK MARKETS.

Montreal

Montreal, May 11—Butcher steers Choice $12.25 to $12.50; good $11.50 to $11.75; medium $10.50 to $11 cwt. Bulls and cows, $10.75 to $11.00 for choice; good $10.00 to $10.50; poor to medium, $8.50 to $9.75 cwt.

Sheep $9.00 to $12 and spring lambs $20 to $25 cwt.

Hogs, selects $17.75 to $17.90 for long runs and $17.25 to $17.65 for short runs; sows $15 to $15.50 and stags $14 to $14.25 cwt., all weighed off cars.

Calves $8 to $10 for milk fed and $6 to $8 for feeders.

Chicago.

Chicago, May 11.—Cattle—receipts, 2,500; Market steady; native beef cattle, $8.90 to $13.30; stockers and feeders, $2.15 to $10.00; cows and heifers, $6.25 to $11.10; calves, $8.75 to $13.25.

Hogs—Receipts, 50,000; market slow; light, $14.50 to $15.60; mixed, $15.15 to $15.70; heavy, $15.10 to $15.75; rough, $15.10 to $15.30; pigs, $9.75 to $13.70; bulk of sales, $15.45 to $16.65.

Sheep—Receipts, 14,000; market steady; wethers, $11.25 to $13.75; lambs, native, $13.50 to $17.65.

Buffalo

East Buffalo, N.Y., May 11.—Cattle—Receipts, 2,800; market steady; shipping steers, $9.50 to $12.50; butchers, $8.50 to $11.50; heifers, $7.50 to $11.50; cows, $5.75 to $10.50; bulls, $6.50 to $10.50; stockers and feeders, $7.50 to $9.50; springers, active, $50 to $125.

Veals—Receipts, 2,000; market active and steady, $5 to $13.50.

Hogs—Receipts, 9,000; market active and steady; heavy, $16.25 to $16.35; mixed, $16 to $16.25; yorkers, $15 to $16.05; light yorkers, $14.25 to $15.75; pigs, $13 to $14; roughs, $14 to $14.25; stags, $11.50 to $13.

Sheep and lambs—Receipts, 7,000; market active and lower, wool lambs, $13 to $17.25; clipped lambs, $9 to $14.75; yearlings, $9 to $12.25; wethers, $11.25 to $11.50; ewes, $5.50 to $11; mixed sheep, $11 to $11.25.

Toronto.

Toronto, May 11.—Heavy steers, $11.50 to $12.25; choice steers, $11.50 to $11.75; do good, $10.50 to $10.75; do medium, $9.50 to $9.75; do common, $7.00 to $9.50; Heifers, good to choice, $10.00 to $10.50; do medium, $7.00 to $7.50; butcher cows, choice, $8.00 to $10.50; do medium, $7.00 to $7.50; Butcher bulls, choice, $8.25 to $10.50; do good, $7.00 to $7.25 do medium, $6.00 to $6.50; Feeders, 900 to 1,000 lbs, $8.50 to $9.50; do bulls, $6.25 to $6.50; Stockers, 700 to 800 lbs., $8.00 to $8.50; do med., 650 to 750 lbs., $7.25 to $7.50; do light, 600 to 650 lbs., $7.00 to $7.25; Canners, $5.00 to $5.25; Cutters, $5.50 to $5.75; Sheep, light, $11.00 to $14.00; do heavy, $8.50 to $9.50; Calves, $8.00 to $13.00; Spring lambs, $12.00 to $14.00; Culled lambs, $9.00 to $12.00; Hogs, fed and watered, $17.00 to $17.15; do weighed off cars, $17.25; do f.o.b., $16.25.

GRAIN QUOTATIONS.

Toronto.

Toronto, May 11—Manitoba wheat—No. 1 northern, $3; No. 2, $2.97; No. 3, $2.92; No. 4, $2.80, track, bay ports.

Manitoba oats—No. 2 C.W. 88¾c; No. 3, 88c, all rail, delivered.

American corn—$1.68½, nominal, subject to embargo.

Ontario oats—No. 2 white, 74c to 76c; nominal, according to freights outside; No. 3 white, 73c to 75c.

Ontario wheat—No. 2 winter, per car lot, $2.88 to $2.90; No. 2 winter, $2.86 to $2.88, according to freights outside.

Peas—No. 2 nominal.

Barley—Good malting, $1.35 to $1.37; feed barley nominal.

Buckwheat—Nominal.

Rye—No. 2, $1.88 to $1.90.

Manitoba flour—First patents, in jute bags, $15; second patents, $14.50; strong bakers, $14.10.

Ontario flour—Winter, according to sample, $12.05 to $12.15, track, Toronto, prompt shipments.

Mill feed—Car lots, delivered Montreal, shorts, $45; bran, $42; feed flour, per bag, $3; middlings, $48.

Hay—Baled track, Toronto, car lots, No. 2, $12 to $13; mixed, $9 to $11; straw, $7 to $7.50.

Chicago

Chicago, May 11.—Wheat—No. 2 red, $3.11; No. 3 red, $3.05; No. 2 hard, $3.09; No. 3 hard, nominal. Corn—No. 2 yellow, $1.59 to $1.61; No. 3 yellow, $1.58 to $1.60; No. 4 yellow, $1.58. Oats—No. 3 white, 70¼ to 71½c; standard, 70¼ to 72¼c. Rye—No. 2, nominal; No. 3, $2.04. Barley—$1.25 to $1.65. Timothy—$5.00 to $7.50. Clover—$12.00 to $17.00. Pork—$37.75. Lard—$22.25 to $22.35. Ribs—$20.10 to $20.30.

Montreal

Montreal, May 11—Corn, American No. 2 yellow, $1.60 to $1.65. Oats, Canadian Western, No. 2, 87c; do., No. 3, 86c; extra No. 1 feed, 86c. Barley, Man. feed, $1.18. Flour, to $11.25; choice to fancy, $11.30 Man. Spring wheat patents, firsts, $15.10; seconds, $14.60; strong bakers', $14.40; winter patents, choice, $14.00; straight rollers, $13.50 to $13.80; do., bags., $6.50 to $6.65. Rolled oats, barrels, $8.25 to $8.50; do., bags, 90 lbs, $4.00 to $4.25. Bran, $43. Shorts $46. Middlings, $48 to $50. Mouillie, $52 to $57. Hay, No. 2, per ton, car lots, $13.50.

Winnipeg

Winnipeg, May 11—Wheat—No 1 Northern, $2.86; No. 2 Northern, $2.83; No. 3 Northern, $2.78; No. 4, $2.66; No. 5, $2.41; No. 6, $2.11 feed, $1.40. Oats—No.2 C.W., 78⅞c; No. 3 C.W., 78⅛c; No. 2 feed, 74⅛c; No. 1 C.W., on track, 71⅛c. Barley—No. 3 C.W., $1.23½; No. 4 C.W., $1.18½; rejected, $1.00; feed, $1.00; on track. $1.23½ Flax—No. 1 N.W.C., $3.16¼; No. 2 C.W., $3.13; No. 3 C.W., $3.00.

Minneapolis.

Minneapolis, May 11.—Wheat—May, $2.80; July, $2.37 to $2.38; cash, No. 1, hard, $3.08 to $3.10; No. 1 northern, $2.94 to $3.00; No. 2 northern, $2.82 to $3.00. Corn—No. 3 yellow, $1.54½ to $1.56. Oats—No. 3 white, 69½ to 70½c. Flour—Fancy patents, $15.00; first clears, $12.80; other grades unchanged. Bran, $34.50 to $35.50.

Duluth.

Duluth, May 11.—Wheat—No. 1 hard, $2.95½; No. 1 Northern, $2.94½; No. 2 Northern, $2.88½ to $2.90½; May, $2.90½ asked; July, $2.94¼ bid. Linseed, $3.41; May $3.40; July, $3.35; September, $3.28; October, $3.07.

New York.

New York, May 11—Flour strong; Spring patents, $13.90 to $14.15; Winter patents, $14.05 to $14.30; Winter straights, $13.65 to $13.90; Kansas straights, $14.25 to $14.65. Rye flour firm; fair to good, $11.00 to $11.50. Hay firm; No. 1, $1.15; No. 2, $1.05 to $1/10; No. 3, 95c to $1.00; shipping, 80c to 85c. Hops quiet; state, medium to choice, 1916, 32c to 37c; 1915, 6c to 8c; Pacific coast, 1916, 9 to 11c; 1915, 7 to 8c. Hides steady; Bogota, 43½c; Central America, 42½c. Leather firm; hemlocks firsts, 57c; seconds, 55c.

GENERAL TRADE.

Butter.

Butter sold on Saturday's farmer's markets over Ontario, with wider range both way, at from 32c to 50c per pound, as follows: Belleville, 42c to 50c; Brantford, 43c to 45c; Cobourg 42c to 43c; Chatham, 45c to 48c; Kitchener, 42c to 45c; London, 43c to 47c; Owen Sound, 32c to 35c; Peterboro, 40c to 48c; Port Hope, 42c; St. Thomas, 44c to 45c; Stratford, 40c to 43c; Woodstock, 48c to 45c.

Eggs.

Belleville, 34c to 36c; Brantford, 31c to 35c; Cobourg 31c; Chatham, 34c; Kitchener, 30c to 32c; London, 34c to 35c; Owen Sound, 29c to 30c; Peterboro, 33c to 35c; Port Hope, 32c; St. Thomas, 32c to 35c; Stratford, 32c to 35c; and Woodstock, 32c to 34c.

Spring Chickens.

Belleville, 20c to 26c per pound; Brantford, 22c; Cobourg, 28c; Kitchener, 28c to 30c; Owen Sound, 23c to 24c; Peterboro, 20c to 22c; Port Hope, 25c; St. Thomas, 25c to 30c; Stratford, 24c to 26c; Woodstock, 33c.

Wheat.

Belleville, $2.40; Brantford, $2.60; Cobourg, $2.50; Chatham, $1.90 to $2.50; Kitchener, $2.75; London, $2.40; Owen Sound, $2.75 to $2.79; Peterboro, $2.40; Port Hope, $2.50; St. Thomas, $2.50 to $2.60; Stratford, $2.75; and Woodstock, $2.25.

Barley.

Belleville, $1.10; Brantford, $1.05 to $1.10; Cobourg, $1.30; Chatham, $1.10 to $1.20; Kitchener, $1.20; Owen Sound, $1.25; Peterboro, $1.15; Port Hope, $1.15; St Thomas, $1.50; Stratford, $1 to $1.10; and Woodstock, 90c.

Oats.

Belleville, 75c; Brantford, 60c; Cobourg, 75c to 80c; Chatham, 60c to 80c; Kitchener, 75c; London, 78c to 80c; Owen Sound, 88c; Peterboro, 75c; Port Hope, 75c; St. Thomas, 90c to 95c; Stratford, 79c; Woodstock, 85c.

Hay.

Belleville—baled $10.50; loose, $9 to $10; Brantford—bales $10; loose, $10; Chatham—bales, $12 to $14; Kitchener—baled, $15 to $16; loose, 14 to $15; London—loose, $12 to $13.50; Owen Sound—baled, $13; loose, $12.50; Peterboro—baled, $16; loose, $14; Port Hope—baled, $18; loose, $11.50 to $14; Stratford—loose, $9 to $12; and Woodstock—baled, $18 to $17; loose, $14.

Kingston Markets

Kingston, May 12.

Dairy Products.

Butter, creamery, lb	46	48
Butter, rolls, lb.	40	45
Cheese, lb.		30
Eggs, fresh, doz.	38	40

Fish.

Cod, steak, lb.		15
Eels, lb.		10
Flounders, lb.		12½
Filletts, lbs.		20
Finnan Haddie, lb.		16
Hake, lb.		12½
Haddock, fresh, lb.		12½
Halibut, fresh, lb.	20	25
Kippers, doz.		60
Perch, lb.		10
Pike, lb.	10	12½
Rock-fish, lb.		5
Salmon, lb.	15	25
Tilefish, lb.		12½
Trout, salmon, lb.		18
White fish, lb. (fresh)	16	18
Whiting, lb.		12½

Fruit.

Apples, peck		60
Bananas, doz.		25
Celery	10	15
Cocoanuts, each	10	15
Cucumber, box	8	10
Cranberries, qt.		15
Dates, lb.		15
Grape-Fruit, each	08	25
Lemons, doz		25
Lettuce, head	5	10
Oranges, doz.	20	60
Pineapple, each	25	30
Radishes, bunch		5
Strawberries, box		25
Tomatoes, lb.		20

Grain.

Barley, seed, bush.		2.00
Bran, ton		44.00
Buckwheat, bush.		1.75
Corn, cracked, cwt.		3.00
Corn, meal, cwt.		4.00
Corn, yellow feed bush.		1.85
Flour, cwt, first grade		7.50
Flour, cwt, second grade		7.25
Feed flour, bag	3.10	3.50
Hay, baled, ton	12.00	13.00
Hay, loose, ton		10.00
Oats, local, bush.		85
Oats, Man., bush		90
Shorts, middlings	46.00	52.00
Straw, baled, ton		9.00
Straw, loose, ton		8.00
Wheat, local, bush.	1.85	

Meats.

Beef—		
Cuts, lb.	16	35
Local, carcass, lb.	12	13
Local, hinds, lb.	13	14
Local, fronts, lb.		13
Western, carcase lb.	19	19
Western, front, lb.		15
Western, hinds, lb.		20
Hogs, live, cwt.		16.00
Hogs, dressed, cwt.		22.00
Lambs, spring, by carcase		10.00
Veal, carcase, lb.	11	15

Poultry.

Chickens, dressed, lb.		30
Chickens, live, lb.		25
Hens, dressed, lb.		25
Hens, live, lb.		20
Turkeys, lb.		30

Vegetables.

Apples, bbl.	3.00	5.00
Carrots, bush.		2.00
Celery, bunch	10	15
Lettuce, bunch	8	10
Parsnips, bus.		2.00
Potatoes, pk.		80
Onions, dried, bus.		5.00
Onions, green, bun.		10
Turnips, bush.		1.25

Hides and Skins—John McKay, Limited.

Cow Hides (green), lbs.	.20
Calf Skins, lbs.	.30
Deacon Skins, each, up to	$2.00
Horse Hides (mane and tail on), each	7.00
Sheep (fresh take off), each	2.50
Tallow (rendered), lbs.	.08

Plow up the old sod that has been sown two or three years, and sow corn or roots, or plant potatoes. A heavy seeding of peas will also give good results.

Get in a supply of ice now. Action at the present time will result in much comfort and pleasure next summer.

$100 Reward, $100

The readers of this paper will be pleased to learn that there is at least one dreaded disease that science has been able to cure in all its stages, and that is catarrh. Catarrh being greatly influenced by constitutional conditions requires constitutional treatment. Hall's Catarrh Cure is taken internally and acts through the Blood on the Mucous Surfaces of the System thereby destroying the foundation of the disease, giving the patient strength by building up the constitution and assisting nature in doing its work. The proprietors have so much faith in the curative powers of Hall's Catarrh Cure that they offer One Hundred Dollars for any case that it fails to cure. Send for list of testimonials.

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