

**Winnipeg, Man.**—The Detroit Electric Automobile Company will erect a fine garage for their cars in this city. Solid reinforced concrete will be used throughout, and the 60-foot front will be particularly handsome. It is designed to be the most thoroughly fireproof building in Winnipeg.

## BRIDGES, ROADS AND PAVEMENTS.

**Alton, Ont.**—A large steel bridge near this town was badly damaged by the recent floods. The bridge was three years old.

**Calgary, Alta.**—The commissioners have recommended to the council that the following tenders for street paving be accepted: 70,000 yds. asphaltic concrete to the Crown Paving Company at \$2.12, and when required by the engineer to coat same with squeegee at the price of 10c. extra; 100,000 yards sheet asphalt to the Calgary Paving Company at \$2.05; 100,000 yards to the Canadian Mineral Rubber Company at \$2.50; 50,000 yards of bitulithic pavement to the Bitulithic Contracting Company at \$2.85; 25,000 granitoid to the Alberta Granitoid Company at \$2.65.

**Calgary, Alta.**—The municipal commissioners have recommended that the following tenders for street paving be accepted:—70,000 yards asphaltic concrete, Crown Paving Company, \$2.12, with squeegee coat, 10c. yard extra, \$2.22; 100,000 yards street asphalt, Calgary Paving Company, \$2.05; 100,000 yards Canadian mineral rubber, \$2.50; 50,000 yards bitulithic, Bitulithic Paving Company, \$2.85; 25,000 yards granitoid, Alberta Granitoid Company, \$2.65. This covers work on last year's tender and work on Ninth Avenue East, from Twelfth Street East and Second Street East, from Eighteenth Avenue to Victoria Bridge.

**County of Essex, Ont.**—A movement calling for the construction of a memorial driveway along the river front has been started. Mr. Charles Montreuil, warden of this county, was elected president of the association discussing the project.

**Ottawa, Ont.**—The Ottawa Improvement Commission will construct a driveway at a cost of \$10,000, and will convert an old cemetery into a park at a cost of \$14,700.

**Province of Saskatchewan.**—The provincial government of this province have appointed a board for the purpose of administrating the affairs of the provincial highways, etc. A method will be worked out whereby the municipal authorities will aid the provincial officers in this work. Mr. A. J. McPherson, Regina, will, in all probability, be the chairman of the new board.

**Toronto, Ont.**—The City Engineer has recommended that the following pavements be proceeded with:—

Pelham Street, block pavement .....	\$9,795
Dufferin Street, block pavement .....	11,022
Sherbourne Street, asphalt surface .....	14,484
Wyndham Street, bitulithic .....	4,604
Crescent Road, Roc-mac (reconstruction) ..	10,368

**Vancouver, B.C.**—Paving recommendations as local improvements, calling for a total expenditure of \$532,652, of which the city's share would be \$136,696, have been submitted by the City Engineer to the Board of Works.

**County of York, Ont.**—The pavement of the Lake Shore Road from the Humber River to Mimico will be of Dolarway and not of tar macadam as previously announced. Messrs. J. H. McKnight Construction Company, Ltd., will do the paving. The offices of this company are at 152 Bay Street, Toronto.

## FIRES.

**Deseronto, Ont.**—The plant of the Standard Iron Company was damaged by fire to the extent of \$50,000.

**Hamilton, Ont.**—The Hamilton Facing Mills were damaged by fire to the extent of \$10,000.

**New Toronto, Ont.**—The Brown Copper & Brass Rolling Mills were destroyed by fire on Sunday, April 7th. The loss is estimated at \$125,000.

**Vancouver, B.C.**—Fire damaged the Foster building on Hastings Street to the extent of \$232,000. This sum includes the damage to the contents, which was distributed among retail stores occupying the lower portions of the building.

## CURRENT NEWS.

**Brantford, Ont.**—During the ravages of the overflowing of the river, a large gas main was carried away which necessitated the shutting off of the gas throughout the city.

**Calgary, Alta.**—The management of the Builders' Exchange have been instructed by the members to request the Canadian Northern and the Grand Trunk Pacific Railways to give all contracting work to the local contractors when those roads enter the city of Calgary. They claim that as they do considerable freighting outside contractors should be excluded from railway work in this vicinity.

**Collingwood, Ont.**—The Collingwood Shipbuilding Company will construct a canal and lake steamer for Keystone Transportation Company at Montreal. The new vessel will be employed in the grain and coal carrying trade between Lake Erie and Montreal. It will be 258 feet long by 42.6 feet beam, 20 feet depth, 800 horse-power engines, and have a speed of ten miles an hour. The capacity will be 2,400 short tons, or 80,000 bushels of wheat, and the cost will be approximately \$140,000.

**Fort William, Ont.**—Arrangements are under way for the installation of a fire alarm system in this city. The citizens voted in favor of spending \$12,000 on fire alarms, and tenders will be received at the city hall up to April 15th.

**Niagara Peninsula, Ont.**—The Dominion Government will call tenders for the construction of the new Welland Canal at an early date.

**Toronto, Ont.**—The Dominion Government have made a grant of \$218,517 for improvements to the harbor of this city.

## PATENTS.

The following is a list of patents recently issued from the Canadian Patent Offices in Ottawa. This list is furnished by Messrs. Featherstonhaugh & Company, Royal Bank Building, Toronto:—

A. Hough, explosives; N. E. Lister, flangers for railways; W. McCloskey, mop wringers; H. E. Niblett, building blocks; J. J. Carrigan, wagon brakes; C. R. Cote, electric medical apparatus; M. L. Dansereau, weak measures and distributors; J. D. Hoffman, machines for making cement shingles and the like from plastic materials; C. J. Hickling, starters for explosive engines; J. L. Marcil, street indicators; G. Maude, cattle stanchions; A. A. Mowry, set works for sawmill carriages; M. M. Passy, cream removers for milk bottles; A. Perrault, egg whips; A. H. Reid, concrete; H. C. Shipman, games; A. C. Thompson, fitting spring for mattresses and the like; L. A. Whyte, containers.

The following is a list of patents recently issued through the agency of Messrs. Ridout & Maybee, Manning Chambers, Toronto, from whom further particulars may be obtained:

Canada:—Nathaniel & Gideon Beam, thresher; Charles Maples, clothes for French garden culture; J. C. Doust, clothes-line reel.

United States:—W. F. Scott, reinforced concrete; A. Nonnington & H. G. Ackers, production of calcium of cyanamide; The Massey-Harris Company, Limited, lever mechanism.

The following is a list of patents recently issued through the patent office of Herbert J. S. Denison, Star Building, 18 King Street, West, Toronto, from whom further particulars may be obtained.

C. J. Bothwell, adding machines; Jas. Payer, hat fastener; J. C. Royce, separable electrical connection; H. B. Croker, printing presses; C. L. Williams, sleeper or ground for walls; W. N. Nicholls and A. W. Carmichael, cleat for roofing; M. J. Haney, concrete block structures; A. Roebuck, snow plow; H. C. Hogarth, filter; J. H. K. McCollum, internal combustion engine; H. R. Winter, necktie; T. G. McGonigle, rotary engine; J. D. Hoffman, cement shingle machine; S. F. Leslie, coupling device; Geo. Maude, cattle stanchion; B. F. Johnston, gang plow; F. W. Lancheater, high speed reciprocating engines; M. J. Haney, package handling appliance; Geo. Borgfeldt & Co., sheaf of wheat.