

water, \$4,000; Hantsport, wharf, \$6,000; Margitville, reconstruction of pier, \$3,000; Morden, repairs to wharf, \$4,000; Oyster Pond, repairs to breakwater, \$700; Port Hood, repairs to wharf, \$1,500; Port Maitland, Yarmouth Co., repairs to breakwater, \$3,500; Trout Cove, repairs to breakwater, \$4,000; Yarmouth harbor, repairs to protection works, \$3,000. New Brunswick—Anderson's Hollow, repairs to Breakwater, \$1,100; St. John harbor, repairs to and extension of protection work at Base of Fort Dufferin, \$3,400; Herring Cove, repairs to breakwater, \$1,000. Prince Edward Island—China Point, repairs to pier, \$600; New London, repairs, \$750; Port Selkirk, repairs to wharf, \$600; Summerside harbor, protection works, \$7,500; Tignish, repairs to breakwater, \$2,500.—For the city of Ottawa the following sums are granted. Fire escapes, printing bureau, \$1,100; renewal of sidewalks, front of Parliament buildings, \$3,500; repairs, public buildings, \$12,252; public buildings, lighting, \$2,548; Rideau Hall and grounds, \$4,107; bridge approaches, \$5,956; new boilers, East Block, \$5,000; new parliamentary sidewalks, roadways, etc., \$17,000; repairs Sappers' bridge, \$6,000. There is also a sum of \$7,000 for a permanent paving of the approach to the Hull side of the Chaudiere bridge.—J. R. Booth will build a granolithic sidewalk from the central station to the corner of Besserer and Little Sussex streets.—A by-law will shortly be submitted to the ratepayers to provide \$444,458 for the construction of the main drainage system, made up as follows: Western sewer, in brick, \$198,561; eastern sewer, in brick, \$127,891.50; tributary sewer, in brick, \$41,882.50; relief sewer, in brick, \$46,123; extension western outlet, \$20,000; right of way, \$10,000.—The government has been memorialized to grant a subsidy for the proposed interprovincial bridge at Nepean Point, and a sufficient sum will likely be placed in the estimates.

FIRES.

T. B. Tait's shingle mill at Burk's Falls, Ont., was destroyed by fire on the 23rd inst. The loss is about \$4,000, partially covered by insurance.—On Wednesday of last week fire destroyed the old marble works building at Delhi, Ont., owned by Jacob Loveren. The loss is about \$11,000.—The dwelling of John Connors, near Maidstone, Cross, Ont., was burned last week. Loss \$4,000; no insurance.—A number of dwellings at Etchemin, Que., were destroyed by fire a few days ago. There was a very small insurance on the building.—The farm residence of C. Doley, near Cornwall, Ont., has been burned.—The Silica Sand & Gravel Co.'s premises on Mill street, Montreal, were damaged by fire on the 27th inst. to the extent of \$5,000.

CONTRACTS AWARDED.

PERTH, ONT.—Mr. Martin, of Smiths Falls, has the contract for a new vault in the cemetery here.

FERRIS, ONT.—The council has let the contract for laying 10,000 feet of sidewalk to the Guelph Pavingment Co.

NAPANEE, ONT.—Boyle & Son have the contract for the galvanized iron work, plumbing and heating of Herrington & Warner's offices.

OTTAWA, ONT.—The contract for building the proposed addition to St. Andrews Glebe Mission has been awarded to George Stokand.

FREDERICTON, N. B.—Mr. Willard Kitchen has been given the contract for alterations to the legislative buildings, at the price of \$5,000.

PAISLEY, ONT.—Mr. Ersted, of Elmwood, and D. Hopper, of Arran, have

been awarded the contract for the erection of the Methodist parsonage.

VICTORIA, B. C.—The contract for building an addition to St. Joseph's hospital has been awarded to Geo. C. Mesher. Cost \$29,000. S. Maclure, architect.

ST. JOHN, N. B.—Tenders were received as follows for plumbing in the new high school building: J. E. Fitzgerald, \$2,548; Thomas Campbell, \$3,028; Henry Crawford, \$3,000; J. H. Doody, \$2,087; G. & E. Blake, \$3,290. The tender of Mr. Fitzgerald has been accepted.

TORONTO, ONT.—The contract for plumbing and heating of the new Sanitorium at Gravenhurst has been awarded to the Bennett & Wright Co., of this city.—Worthington, Garrett & Armstrong have the contract for supplying steam heating apparatus for three stores on Yonge street for G. A. Case.

WINNIPEG, MAN.—The contract for a drain in the municipality of Westbourne has been awarded to J. W. Lamb, of Neepawa.—A. R. Leich has been given the contract for the erection of the superstructure, and Cleveland & Bedun for the masonry work of a bridge over the Pembina river, north of Killarney.

LONDON, ONT.—John Piggott & Sons, of Chatham, have been given the contract for frame work for the Grand Trunk car shops.—Mr. Mills, the contractor for the new Grand Trunk car shops has sublet to the Hamilton Bridge Co., the iron work, to Robert Thompson & Co., the supply of lumber, and to Irwin & Sons of Hamilton, the galvanized iron work.

MONTREAL, QUE.—Cox & Amos, architects, have awarded the contracts for one building at St. Anne de Bellevue, two stories, stables, sheds, etc., for F. D. Shallow to Jos. Reid & Co., of St. Johns, Que.—A. Sincennes & Courval, architects, have let contracts as follows for two cottages, three stories, on Arlington avenue, Westmount: Masonry, C. Lemay; carpenter and joiner's work, M. Dagenais; roofing, plumbing and heating, not let; brickwork, Stanislas Rochon. Dagenais & Son are the proprietors. Same architects are also preparing plans for three houses to be erected on Chambord street for Real Cloutier.—W. E. Doran, architect, has awarded the contract for alterations of a house on St. Catharine street for Brodeur & Co. & all trades to Martel & Son.

BUSINESS NOTES.

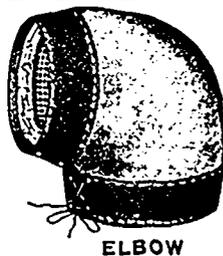
The assignment of James D. Baker, plasterer, Montreal, was announced last week. The liabilities are placed at \$38,000.

Henry P. Wall and R. J. Wall have formed a partnership in Montreal as dealers in paints and oils under the style of Wall Bros.

SCREWS IN WOODWORK.

Screws are more extensively used than formerly in putting together various kinds of wood framing, and even in cabinet and chair work screws are pressed into service in places where their use would not have been tolerated by manufacturers in the earlier portion of the present century. Although their existence is generally concealed in furniture and fancy work, they are often present, nevertheless, and too often they are used as a substitute for dowels, dovetails and tenons, in the manufacture of cheap work. It is an instructive and remarkable fact that our building workmen of a century or two back, in many operations in carpentry and joinery, discarded as far as was possible, the use of nails or screws, depending more on carefully-jointed work, put together by means of mortise, tenon, dovetail, hardwood dowel or oaken pin. Their work might have taken a longer time to execute than that done by our present race of joiners and woodworkers, but it was infinitely more lasting, and kept together so long as the timber or wood continued sound. The nearly universal remedy now for every broken article on the part of the jobbing joiner and cabinet maker is to repair it with the aid of nail or screw. Glue is even often dispensed with, or used where it will exercise little sustaining power, and colored putty is not only made to cover the heads of sunken nails and screws on the face of a piece of work, but used also to hide bad joints and workmanship. Some years ago the writer examined an old oaken staircase and handrail in a college, which work was executed more than two centuries since, and in the construction of which not a nail or screw was used. From time to time, over long years, some slight repairs were made, but the workmen during their operations were never able to discover that a nail had been used in the original construction. There were mortises and tenons, grooves and tonguing, wooden pins or dowel work, but no iron fastening of any kind. The writer also examined more than one old roof in which the use of iron spikes, nails, and other iron fastenings was dispensed with, and the joining of the timber was effected without their aid. In the hinging of doors and other framework it is necessary

(To be Continued.)



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