

PAINTING WOOD.

NE coat of palmting, says a correspondent of the Alechanical
News, takes 20 pounds of lead and 4 gallons of oil per 100
square yards; the second coat 40 pounds of lead and 4 gallons of
oil; the third, the same as the second—say 100 pounds of lead and
16 gallons of oil per 100 square yards for three coats.

One gallon of priming color covers 50 square yards.

•	••	white zinc	"	50	••	••
•	•	white lead paint	••	. 44	**	••
•	**	lend color	**	50	44	**
•	**	black paint	••	50	**	**
٠	**	stone color	••	44	••	••
•	**	yellow paint	••	44	**	••
•	••	blue color	••	45	••	••
•	**	green paint	••	45	**	••
•	••	bright enterald	••	25	••	••
•	**	bronze green	"	75	**	"

Winnipeg streets will be block paved with British Columbia redar.

Over 230 men are employed in the quarries on the mountain in Hamilton

The Oshuwa *Vindicator* says there is a fine opening in that vicinity for a brickyard.

The Dominion Marble Company is about being formed in Halifax, N. S., for the purpose of developing the valuable marble deposits at Mount Marble, West Bay and Cape Breton.

The Brynn Manufacturing Company, Toronto, will be incorporporated with \$30,000 capital stock for the sale of builders' supplies, etc.

The Owen Sound Quarrying and Construction Company, lately organized at Owen Sound, Out., have two large quarries in operation.

It is said that certain Hamilton capitalists will start glassworks at Port Colborne, Ont., utilizing the natural gas found there so abundantly, as fuel.

Experiments recently made in England go to show that "Silicate cotton" nailed on the under side of the joists will prevent the spread of fire from a lower to an upper that.

Messr. A. Robb & Sons, Amherst, N. S., are manufacturing a system of hot water heating for residences, halls and stores. They are also introducing a hot air wood-burning furnace,

An chony finish for wood is made by dissolving 4 ounces of sheld with a ounces of botax in talk agalion of water. I bill until a perfect solution is obtained, then add half an ounce of glycerine, after which add sufficient anillne black (soluble in water), and it is ready for use.

A serious fire took place recently in the Dominion Glass Company's works on Papineau Road, Montreal. A large portion of the interior was destroyed. The value of the building was \$125.

ooo, and the total loss is estimated at \$35,000 or \$40,000. Over

A score of the largest lime dealers in Ontario have presented a petition through Messrs. Scott and Christie, of Toronto, to the Minister of Inland Revenue, asking that the Weights and Measures Act be so amended as to provide for a uniform method of selling lime by weight instead of by measurement throughout Canada. The Minister promises to consider the matter.

Captain Holmes, of Napance, on behalf of Canadian glass manufacturers, has asked the Dominion Parliament to place a duty on the importation of cheng qualities of glass. It is claimed that importations from Belgium are destroying the demand for the Canadian article in spite of the fact that the latter is better in quality.

A passe that will adhere to whitewashed and all plastered surfaces is made as follows: Soften eighteen pounds of finely powdered bole in water; next boil one and a quarrer pounds of glue, adding it to the above with two pounds of grypsom. The whole is to be distued to a this passe. When putting fine paper on old walks it is well to coat them with a ground paper, using this

The following churches have been furnished by the Bennett Furnishing Co., of London, Canada, and Glasgow. Scotland:—St. Mary's church, Tottenham, Eng., architects. Messrs. Pugin & Pugin; Larbert parish church, Larbert, Scotland, architects, Messrs. Burnet & Sons, Glasgow. Scotland; St. Francis' church, Liverpool, to the order of Cardinal Manning: New Mission church, Hewel, Hampsted, architects, C. B. & J. C. Cutts; the English church, Lisbon, Portugal, architects, Messrs. Mett; St. Saviour's church, Irolloway, London, Eng., architects, Messrs. Cutt; the Kensington Mission Church, London, Eng.; the Merchiton Mission Clurch, London, Eng.; the Merchiton Mission Clurch, London, Eng.; the Merchiton Mission Clurch, London, Eng.; the Merchiton Sidiosols, London, Eng., etc. The Company are also sole inanufacturers of improved desks and fittings for the School Boards of London, Liverpool, Edinburgh, Glasgow. etc.

Catest Canadian Patents.

Art or Process of Wall and Colling Decoration.

No. 28,564. James S. Henderson, (assignee of Alfred Ottawny), Toronto, Ont., 25th February, 1888.

Claim.—The process of working paper upon a prepared linen or other fabric as a back, and painting and decorating said paper in suitable sizes as a decoration for walls, ceilings and other surfaces.

Flush Valve for Water Closets.

No. 28.437. Thomas Campbell and James H. McPartland, Saint John, N. B., dated and February, 1888.

Claim 14. The combination of the cylinder C and the piston. A, substantially as and for the purpose herablofree set forth. Jund. The combination, with the cylinder C and the piston A, of the rod F and the down-pull G, substantially as and for the purpose herefulcefore set forth.

No. 28,527. John R. Tracey, Winnipeg, Man., dated 13th February, 1888.

Claim 1st. The combination of outside easing B, cone A, with pening at I, inner pipe M. having hole at C, outer pipe N, hav-

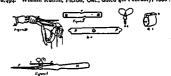
ing hole at D, handle E in horizontal slot, cross-bat H and vertical rod G, having narrow-shaped bottom, substantially as and for the purposes bereinbefore set forth. p.md. The combination of radiators and self-cleaning rod G, substantially as and for the purpose herein set forth.

Means for Glazing Roofs, Etc.

No. 28,514. Joseph D. MacKenzie and Joseph Gillespie, London, Eng., 11th February, 1888.

Claim. — A solid metal sash-bar having its central we feather and the inner surfaces of the groots or channels covered by a protective sheating in combination with the glazing material applied over said sheating and covering the flanges of the sash-bar and part of its central web or feather, and overlapping the glass, substantially as and for the purposes set forth.

Machines for Sharpening Sams. 28,494. William Ruttan, Picton, Oat., dated 4th February, 1888 :



Chilm.—1st. The rake guide B, B, with stoted sides, in combination with the beval guide P, P, substantially as and for the purposes hereinbefore set forth. and. The beval guide P, P, sucured as above described, in combination with the rake guide P, B, substantially as and fer the purposes bereinbefore set forth.

Splicing Lumber.

28,489. William L. Earing, Prockville, Ont., dated 7th February, 1888.



Claim.—The improvement in the art of splicing lumber, which consists in stoting the pieces to be joined lengthwise from the end, the intervening tenons parallel and sightly exceeding the slots in which, bevelting or rounding the ends of the slots and stenors to coincide, cementing the contact edges of the joint and driving the pieces endwise together, whereby the tenons will be compressed laterally together, and the bevelted or rounded ends crush into the bevelted or rounded onds of the slots throughout the whole thickness of stuff, to make an almost impreceptible and practically unbeatable idealt, as set forth. 2. A joint or splice formed by slots D and tenons C cut endwise in pieces of board to be joined, the tenons bevelled or half round at the points, and the slots bevelled or half round at the tenons having parallel walls for a portion of their length and slightly exceeding the slots in width, the official guide and the pieces driven endwise together, as set forth.

TABLE ****
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Shipping cull boards, promisenous
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Scantling and joint, up to 16 ft 14 00
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CEMENT, LIME, etc. Lime, Per Barrel of 2 Justicle, Grey...

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	MONTREAL PRICES.		
40	Cement, etc.		
60	Portland Coment, per barrel	\$ 2 756	g 3 25
10	Koman " " "	2 75	3 00
90	rate blacks, per at	23 30	2/ 50
99	Cut Nalls:		
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oč	and 1 15 inch	\$ 5 55	4 80
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œ.	Lumber, Etc.		
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10	Basswood	60 00	95 00
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