

WOOD-WORKING PATENTS.

The following list of patents relating to the wood-working interests, granted by the United States Patent Office, May 11th, 1886, is specially reported by Franklyn H. Hough, solicitor of American and Foreign patents, 925 F. Street, N. W., Washington, D. C.

841,703—Saw handle—B. H. Ten Eyck, Emporium, Pa.

841,678—Saw mill, circular—J. P. Moore, Snow Hill, Md.

841,789—Saw tooth—E. J. M. Becker, New York, N. Y.

841,607—Sawing stumps, machine for—A. Leitelt, Grand Rapids, Mich.

841,513—Turning wooden bowls, machine for—P. B. Skinner, Wilmington, Indiana.

PATENTS ISSUED MAY 18.

841,951—Log turner—R. W. Shelbourne, Blandville, Ky.

842,235—Plane—A. J. Traut, New Britain, Conn.

841,975—Planing machine—G. F. Wetherill & R. B. Jones, Chicago, Ill.

841,989—Saw, band—E. C. Atkins, Indianapolis, Ind.

842,234—Saw, drag—F. H. Taylor, St. Joseph, Mich.

842,188—Saw swaging machine—M. Covel, Chicago, Ill.

842,172—Saw swaging machine—G. S. Black, Indianapolis, Ind.

842,263—Saw teeth, device for cutting and gumming—A. S. Norwood, West Point, Miss.

842,029—Saw tooth, insertible—F. Miller, Mendocino, Cal.

842,068—Shingle sawing machine—G. E. Cooke, Clarksville, Tenn.

842,017—Shingles, machine for cutting—A. B. Ireland, Greene, N. Y.

PATENTS ISSUED MAY 25.

842,530—Log handling mechanism—W. J. Perkins, Grand Rapids, Mich.

842,535—Saw—W. J. Perkins, Grand Rapids, Mich.

842,560—Saw frame—A. M. Barber, Bridgeport, Conn.

842,416—Saw mill, band—E. C. Atkins, Indianapolis, Ind.

842,361—Saw mill dog—E. D. Johnson, Milton, Fla.

842,534—Shingle sawing machine—W. J. Perkins, Grand Rapids, Mich.

THE OLD PLAN AND THE NEW.

Mr. Jas. F. Morse, Vice-President of the Security Mutual Benefit Society of New York, 233 Broadway, has recently placed insurance to the amount of \$100,000 on the lives of Ex-Senator Arkell and his son, W. J. Arkell, proprietor of the Albany Evening Journal and the Judge. This insurance has been placed in the above named and other leading companies doing business on the assessment plan. The annual cost of carrying it will be less than a thousand dollars. In the old life or level premium companies the cost would be four thousand five hundred dollars. The Arkells are among the leading business men of the country, and their endorsement of this method of life insurance will carry weight in the business community.

The Security Mutual Benefit Society was organized in 1831, and we learn that the cost for assessments to a member forty years of age has been less than five dollars a year for each thousand dollars of insurance.—New York Financial Review.

A good move has been made for the disposal of sawdust by a lumber firm on the Ottawa Messrs. Edwards & Co. They are having a monster furnace erected in which to burn the sawdust and other refuse from their mill. The structure, which is being built of fire brick encased in plate iron, is a circular tower, and when finished will be 140 feet high, and is 36 or 40 feet in diameter.

JAMES WATSON, of Emerson, Man., has been awarded the contract for getting out timber for use in the construction of the Canadian Pacific snow sheds. These sheds are to be constructed in the Selkirk range and the Rockies. They will be some twelve miles in length and will contain 14,000,000 feet of timber.

BOBOAYGEON.

TIMBER DRIVES—No less than three drives of logs in the immediate vicinity of this village on their rapid courses down the Gull river waters. They belong to the firms of Dixon & Co., J. E. Gould, and McArthur and Thompson. Mr. Atkins expects a very large drive to issue from Rocky creek upon Gull Lake during this week, and Ulyott & Co. have a large drive gone down ahead. These are all about a month in advance of the progress made last year. Altogether the present spring has been a most beneficial one to both lumbermen and settlers and we trust a rich harvest will ensue.

Moving a Big Tree.

Col. Walter C. Larned, the famous art connoisseur, has been in San Francisco for several weeks on a curious mission. He wishes to transplant to the handsome lawn of his magnificent summer residence at Lake Forest one of the big California trees, and he has just closed a contract with the Wells & Fargo Express company to this effect. Special cars are to be constructed to transport the tree across the plains and the umbrageous leviathan will have to be drawn by horse power after the Missouri river has been reached, because the obstacles in the way of railroad curves and bridges east of that point can not be overcome. The tree which Col. Larned has selected is somewhat over 300 feet in height, is 98 feet in circumference near the base, and weighs about 40,000 tons. The cost of transplanting this monarch of the forest will exceed \$18,000.

For telegraph poles in England the Norway spruce is employed. Larches of English growth, formerly employed were found sadly wanting in durability. In America, cedar is used where it can be had tall and cheap enough, yet nothing is found better than chestnut, cost and durability both considered. Ten or fifteen years is the average duration of an American telegraph pole. Though the English are talking of iron for telegraph posts, it is a conceded fact that they will cost fourfold those of wood. It will be some time before iron posts are used in a wooden country like the United States.

Messrs. Rathbun's saw mill at Campbellford, Ont., is fast approaching completion, and very shortly it is expected to be at work. The boilers are being fitted up this week.

THE Eau Claire Lumber Co. is actively preparing to erect a saw mill at Calgary, N. W. T.

A Sure Thing.

There are very few things in this life of which we may be absolutely certain, but this is one of them: that Dr. Pierce's "Pleasant Purgative Pellets" have no equal as a cathartic in derangements of the liver, stomach and bowels. They are very small and their action is pleasant. Purely vegetable, perfectly harmless. 25 cents a vial. All druggists.

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A large treatise on Diseases of Women, profusely illustrated with colored plates and numerous wood-cuts, sent for 10 cents in stamps. Address: WORLD'S DISPENSARY MEDICAL ASSOCIATION, 663 Main Street, Buffalo, N. Y. SICK HEADACHE, Bilious Headache, and Constipation, promptly cured by Dr. Pierce's Pellets. 25c a vial, by druggists.

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Tuesday, August 10th,

do September 7th,

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Hall's VEGETABLE SICILIAN Hair Renewer.

Hall's Hair Renewer restores gray hair to its original color; makes the scalp white and clean; cures dandruff and humors; prevents the hair from falling out, and renders it soft and brilliant. The editor of the "Ocean Foam," Cape May, writes: "We speak knowingly, when we assert that Hall's Vegetable Sicilian Hair Renewer is the best of its kind. The article is an elegant and cleanly one, without which we think no toilet complete." Thos. D. Jones, Middle Granville, N. Y., writes: "I have used

The advance of time is heralded by bleached, thin, and falling hair. By the use of Hall's Hair Renewer, the hair may be restored to its original color, lustre, and vitality. M. N. Johnson, Fitchburg, Mass., writes: "My hair was weak, thin, and full of dandruff. Hall's Hair Renewer has removed the dandruff, and caused a vigorous growth of new hair." Abel H. Smith, Portsmouth, Va., writes: "My hair had nearly all fallen out, and that which was left was dry and dead. I used one bottle of Hall's Hair

Hall's Hair Renewer,

Renewer about ten years, with satisfactory results." E. G. Perkins, Oberlin, Ohio, writes: "I consider Hall's Hair Renewer the best hair preserver in use. I have used it for the past twenty years, and my hair is in as vigorous and healthy a condition as when I was 30 years of age. Not a sign of gray hair to be seen anywhere." Dwight L. Chamberlain, Oakland, California, writes: "My hair, which was nearly white, has been restored to its original color and luxuriance by the use of Hall's Hair Renewer."

and now rejoice in the possession of hair as abundant as ever." E. J. Adams, St. Paul, Minn., writes: "A diseased scalp caused my hair to fall out, and, after using a number of preparations without avail, I finally tried Hall's Hair Renewer, which caused a vigorous new growth. I am still using it, and could ask for no better results." Mrs. R. H. Corning, Battle Creek, Mich., writes: "By the use of Hall's Hair Renewer, my head, which was quite bald, has been covered with a fine growth of young hair."

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