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The Editor of the SCIENTIFIC AMERICAN acknowledges, with much pleasure, the receipt of original papers and contributions upon the following subjects:

On a Telescope of Unlimited Power. By J. L., and by J. T.

On Engines and Boilers. By H. McM.

On Pisciculture. By C.

On the Canal Navigation Problem. By W. B. D.

On an Accidental Discovery. By W. H. R. On Adjusting Journal Boxes. By W. L. C. On Dreams. By J. L. W.

On Left Handed People. By G. W. C.

On Mental Arithmetic. By F. H. R. On the Prismoidal Railway. By G. W. G.

On a Figure Exercise. By A. F.

On Magic Squares. By E. B., and by J. E.W.

On the Nebular Hypothesis. By J. S. L.

On Trees as Historians. By G. P. On Antiquity of the Earth. By H. V. M. On a Theory of the Tides. By J. N. V.

Also enquiries from the following: M. F.-L. F.-E. C. H.-J. McI.-A.-S. W. C.

Correspondents in different parts of the country ask: Who makes small hay presses? Who sells stoves that burn naphtha as fuel? Who makes bars of steel to be used instead of bells? Makers of the above articles will probably promote their interests by advertising, in reply, in the SCIENTIFIC AMERICAN.

Correspondents who write toask the address of certain manufacturers, or where specified articles are to be had, also those having goods for sale, or who want to find partners, should send with their communications an amount sufficient to cover the cost of publication under the head of "Business and Personal" which is specially devoted to such enquiries.

[OFFICIAL.]

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27,392.-FOLDING AND PASTING MACHINE.-G. K. Snow February 18.

27.403.—STEAM & FIRE REGULATOR.—J. Woodruff, Feb. 18.

EXTENSION GRANTED. 26,339.-WATER WHEEL.-J. P. Collins

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143,201.-SEAL LOCK.-J. E. Thomas, Buffalo, N. Y.

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7,005.—Buckle.—J. R. Smith, Waterbury, Conn 7,006.-PENCIL CASE.-E. Todd, Brooklyn, N. Y. 7,007 to 7,014.—STOVES.—N.S. Vedder et al., Troy, N. Y. 7,015—CLOCK CASE.—G. H. Blakesley, Bristol, Conn. 7,016.—STATUARY.—J. Rogers, New York city. 7,017.-FAN.-W. A. Smith, Niagara Falls, N.Y.

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SCHEDULE OF PATENT FEES.	
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(Specially reported for the Scientific American.)

CANADIAN PATENTS.

LIST OF PATENTS GRANTED IN CANADA on December 10, 1873.

2,921.-W. A. Gibbs, Gilwell Park, Essex county, Eng. and A. Borwick, Lloyd's, London, Eng. Improvement on apparatus and arrangements for drying, called 'Gibbs & Borwick's Improvement on Apparatus for Drying." Dec. 10, 1873.
2,922.—M. A. Wigle, Kingsville, Essex county, Ontario

Composition of matter to be used for blacking and giving a polish to and softening and rendering impervious to wet the leather of boots and shoes, called "Wigle's Improved Boot Blacking." Dec. 10, 1873.

2,923.—H. P. Huntoon, Cambridge, Mass., U. S., assigned of J. R. Brown, Cambridge, Mass., U. S. Improvement on pipe tongs, called "The Brown Pipe Tongs." Dec. 10, 1873.

2,921.—A. Wood, Worcester, Mass., U. S. Improvemen on bolt cutting machines, called "Wood's Bolt Cutter." Dec. 10, 1873.

2,925,—A. A. Wilder, Detroit, Wayne county, Mich. Improvements on machine for forging and slotting track bolts, called "Wilder's Track Bolt Forgingand Slotting Machine." Dec. 10, 1873.

,926—S. Switzer, Sydenham, Frontenac county, Ontario and S. O. McGuin. Improvement on rail car axle oilers, called "Switzer's & McGuin's Axle Offer." Dec. 10, 1873. 2.927.—C. Burgess, Portsmouth, Scioto county, O., U.S.

Improvement on the manufacture of iron and called "Burgess' Manufacture of Iron and Steel." Dec. 10, 1873. 2,928.—G. B. Izzard, Hamilton, Ontario. Improvement

on bed bottoms, called "Izzard's Adjustable Bed Bot 2,929.—E. C. Fales, Foxborough, Norfolk county, Mass., U. S. Improved machine for blocking hats, bonnets, etc., called "Fales' Hat Blocking Machine." Dec. 10.

1873. 2,930.—H. Hebert, Montreal, P. Q. Improvement on

boilers for locomotive and stationary engines, called "Hebert's Improved Engine Boiler." Dec. 10, 1873. 2,931.—G. Hibberd, Wheeling, Ohio county, W. Va., U. S Improvement on pumps, called "Hibberd's Pump.

Dec. 10, 1873. 2,932.—D. Maxell, Paris, Brant county, Ontario. Improvement on straw cutting machines for reversing, stopping, and reducing the motion of the feed rollers, Maxwell's Change, Stop, and Reverse Motion Straw Cutter." Dec. 10, 1878.

HOW TO OBTAIN IN CANADA.

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 Wrench, W. C. Bemis
 145,085

 Wrench pipe, H. B. Wheatcroft
 145,263

 applicant for his examination, signature, and affidavit. It requires from four to twelve weeks' time, after com-APPLICATIONS FOR EXTENSIONS.
Applications have been duly filed and are now pending dian Patent Office. Remit the fees by check, draft, or

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