

INDEX TO THE CANADIAN ENGINEER (CONTINUED).

	PAGE		PAGE		PAGE	
Wind Mills and Pipes	257	J. H.—"Mining Methods"	349	Moore, Francis C. — "Fire-proof Buildings"	119, 149, 167, 186	
" Pressure, Actual and Estimated	229	Lough, D. S.—"Canadian Engineer"	350	McNaughton, P.—"Evaporation and the Raising of Steam in Boilers".	139	
Wood Carbonization	185	Lockhart, Gordon, M., M.E.—"The Navigation of the Air"	9	Moseley, Chas.—"Economy in the Boiler Room"	138	
Yukon, The Gold Deposits of the...	259	Montrealer—"The East will be East, and the West will be West"	106	Matheson, Ernest G.—"Rope Testing"	273, 303	
" Trade in the	228	McKinstry, H. L.—"Who is Expert"	98	Monro, Thos.—"The Soulanges Canal"	306	
PORTRAITS.						
Bear, Wm.	134	McDougall, John—"Sewage Disposal"	14	McCarthy, Geo. A.—"Rope Testing [273, 303		
Browne, Wm. II.	76	Rochester, E.—"Canadian Engineer"	140	McCallum, C.—"Metallurgical Machinery"	41	
Chapman, W. F.	133	Riordan, Chas. C., Jr.—"Canadian Engineer,"	350	McLean, W. B.—"Notes on Shaft Governors"	344	
Coker, E. G., B.Sc.E.	200	S. Q. R.—"To Square a Square"....	321	Magie, L. D. W.—"Electric Utilization of Water Powers"	67	
Dion, A. A.	77	Subscriber—"Prospectors' Outfit"....	18	Palmer, R. E., C.E.—"Fraser Valley Reclamation"	106	
Dodwell, C. E. W.	291	Senex Homo—"Co-Operative Settlement"	18	Parke, Roderick J. — "Municipal Ownership"	31	
Denison, E. Napier	135	Smith, J. A.—"Sewage Disposal"....	64	Perry, Wm.—"Friction"	7	
Galt, John	242	Trolley—"Milceage of Electric Railways in Ontario"	321	" "—"Wind Mills and Pipes"	257	
Gzowski, Sir Casimir	135	Wilford, F. R.—"Public Opinion" ..	259	Ross, R. A., E.E., C.E.—"Electrical Power Transmissions" 58, 165, 209, 247		
Henderson, Gordon J.	111	Young Engineer—"To Estimate Horse Power"	14	Ross, R. A., E.E., C.E.—"The Electric Lighting of Trains"	242	
Herd, L., B.A.Sc., E.E.	49	CONTRIBUTORS OF SIGNED ARTICLES.				
Jennings, W. T.	290	Baillairge, C., C.E.—"Foundations".	5	Sjostedt, Ernest E., M.E.—"The Swedish Iron and Steel Industry, as shown at the Stockholm Exposition"	10	
Kinloch, James.	12	Barrow, E. G., C.E.—"Purification of Sewage"	121	Snow, Walter B. — "Mechanical Draught for Steam Boilers".	222, 248	
Lynch, William Henry	110	Bell, J. J.—"Street Paving Materials".	61	Smith, Cecil B.—"Railway Engineering"	1, 257, 271, 301, 331	
Mooring, G. C.	133	Bonner, W. T.—"Rail Trucks for Light Railways"	71	Trout, Chas. E.—"Boston Sewage Outfall"	340	
Mountain, Geo. A.	290	Bonner, W. T.—"The Quimby Screw Pump"	100	Turbayne, W. H., E.E.—"Series Arc Lighting"	318	
Owens, R. B., E.E.	200	Bovey, Prof. H. T., LL.D., D.C.L.—"Results of Experiments on the Strength of White Pine, Red Pine, Hemlock, and Spruce"	92	Trowern, P. T.—"Water Heat"	170	
Pettigrew, R. C.	133	Bowman, F. A., A.I.E.E.—"The Importance of Proper Methods of Illumination"	103	Watson, W. M.—"The Ventilation of Sewage Appliances"	4	
Rutherford, Ernest, B.A., M.A., B. Sc.	200	Bucke, R. M., M.D.—"A Short History of Sewage Disposal at the Asylum for Insane, London, Ont.	155	Watson, W. M.—"Road Materials and Construction"	6	
Ryan, Thos.	134	Butler, M. J., C.E.—"Silica Portland Cement"	312	Watson, W. M.—"Report on the Precipitation System of Sewage Disposal in Operation at Hamilton, Ont.	39	
Wendell, John L.	134	Campbell, A. W., C.E.—"The Influence of Pavements upon the Public Health"	183	Watson, W. M.—"Sanitary Experiments at Cologne, Germany"	62	
Wilmott, A. E.	323	Chipman, Willis, C.E.—"Waterworks Expropriations in Canada".....	306	Watson, W. M.—"Errors in Drainage Practice"	91	
Walker, Jas. Wallace, M.A., Ph.D.	200	Duckham, Frederick Elliot—"Pneumatic Grain-handling Machinery"	49	Watson, W. M.—"The Chilcoot Hot Air Heating Drum"	111	
BIOGRAPHICAL SKETCHES.						
Armstrong, F. C.	58	Farmer, J. T., Ma.E.—"Impulse Waterwheels"	28, 89, 101	Watson, W. M.—"Sanitary Excesses" 123		
Bear, Wm.	134	Golding, Wm.—"The Steam Engine" ..	88	" " " — "An Unsanitary Discovery"	137	
Coker, E. G., B.Sc., E.	200	Gibson, Thos. W.—"Waterpowers of Ontario"	189	Watson, W. M.—"Purification of Sewage by Irrigation"	151	
Chapman, W. F.	133	Hedley, R. A., M.E.—"The Possibilities for Smelting in British Columbia	50	Watson, W. M.—"Purification of Sewage by Mixing with Pure Water".	160	
Denison, F. Napier	135	Horetzsky, Chas. G., C.E.—"Recent Methods of Sewage Disposal....	157	Watson, W. M.—"The Evils of Interception Traps, Etc."	243	
Dodwell, C. E. W.	291	Horetzsky, Chas. G., C.E.—"A Novel Method of Sewage Disposal, Especially Designed for the City of Toronto"	249, 330	Watson, W. M.—"A System of Plumbing"	277	
Dion, A. A.	77	Irwin, H., C.E.—"Disputed Points in Connection with the Construction and Maintenance of Macadamized Roads"	268	Watson, W. M.—"Some Methods of Sewage Disposal"	318	
Galt, John	228	Jonah, F. G.—"Concrete Railway Structures"	252	Watson, W. M.—"Garbage Disposal in Montreal"	155	
Gzowski, Sir Casimir	135	Kenyon, L. H.—"Ropes and Rope Driving"	161, 194	Watson, Frank Leslie—"The Construction of Garbage Destructors"	225	
Henderson, Gordon J.	111	Leonard, R. W.—"Masonry Pier Moved by Ice and Replaced"	211	Wheeler, F. Meriam—"Economy Test of a Unique Form of Feed Pump"	313	
Jennings, W. T.	289	Milne, James—"The Steam End"	101	Williams, Julius M.—"Oils for the Engine Room"	140	
Kingsford, Dr	160	Mohun, E., C.E.—"Sewage Disposal by Subsoil Irrigation"	49	Williams, Julius M.—"Oiling Up" ..	241	
Kinloch, James	12				Woodworth, R. B.—"Some Novelties in Swing Bridge Construction on the Trent Valley Canal"	104
Lynch, William Henry	110				Wright, A. A.—"How to Overcome Some of the Difficulties Encountered by Central Station Men"	66
Mooring, G. C.	133					
Mountain, Geo. A.	290					
Owens, R. B., E.E.	200					
Robertson, J. G.	134					
Rutherford, Ernest, B.A., M.A., B. Sc.	200					
Ryan, Thos.	134					
Walker, Jas. Wallace, M.A., Ph.D.	200					
Wendell, John L.	134					
Wilmott, A. E.	323					
CORRESPONDENCE.						
A.W.E.—"Acetylene Lamps"	134					
B.—"Who Introduced the Expansion Cylinder?"	201					
Baillairge, C., "Fires and Fire-proof Construction,"	30					
Baillairge, C.—"Tidal Motors"	83					
" "—"Wind Pressure, Actual and Estimated"	229					
Baillairge, C.—"Retaining Walls" ..	251					
" "—"Rolling or Ramming in Road Building"	351					
Candy, Frank—"Sewage Disposal"....	108					
E. A.—"Sanitary Plumbing"	109					
Expert—"Toronto Sewage Disposal".	47					
Fielding, John S.—"Dam Building" ..	349					
Frood, Thos.—"Boats of "Dominion" Type"	254					
Frood Thos.—"Ottawa Ship Canal".	261					
G—"Tenders for Electrical Plants" ..	134					
Godard, Massey Warner—"Garbage Destructors"	109					
Golding, Wm.—"A Floating Dry-dock"	227					