

PAGE	PAGE
Cholera and Disinfectants .....	177, 194
Chemical Experiments .....	223
Chestnut Oil .....	239
Chewing-gum, Mysteries of .....	305
Chlorine Vapor, Poisoning by .....	325
Chinese Green.....	325
Civic Expenses, Paris vs. New York .....	50
Cisterns, To Cleanse and Preserve .....	134, 217
" Capacity of .....	166
Cities, Populations of.....	135, 248
Circle, To find the Area of.....	326
Clay, What is it ? .....	126
Climbing Steep Gradients.....	323
Clock, The largest in the World .....	104
Close of the Seventh Volume .....	309
Corn Returns of the United Kingdom .....	26
Coins, Ancient.....	38
Color, Making Trees imbibe.....	111
Combustion, Curiosities of.....	122
Cocoa-nut Fibre .....	161
Co-operative Factory, Sir F. Crossley's .....	186
" Companies.....	209, 224
Coal Product of England .....	306
" First discovery of use .....	308
Conduct, Rules of .....	194
Convention on Agriculture and Arts Bill .....	313
 CORRESPONDENCE :	
" S. R." on Technical Education	205, 259, 293, 310
" Artificer" " "	234
" A Worker" " "	295, 312
Crystallography .....	73, 94, 112
Creosoted Railway Sleeper .....	249
Creusot Works, France .....	305
Dairyman's Convention .....	254
Darning Machine for Stockings .....	273
Decapitation, Pain of.....	53
Debts and Taxation of United States Cities .....	247
Dental Art, The .....	327
Disinfectants.....	26, 118, 167, 177, 228, 279, 326
Dion's Fire-alarm .....	130
Diseases, New Nomenclature of .....	307
Digestion, Artificial .....	308
Dover Straits, Proposed Bridge across .....	240
Dressing Skins, Furs, &c. .....	133
Drainage .....	168
Dyeing Horn Buttons.....	24
Early Measures.....	138
Editorial Notices....	5, 6, 30, 64, 90, 119, 120, 204, 285
Education in New York.....	50
" Lower Canada.....	50
" France.....	328
Eggs, Preservation of.....	106
Electro-Magnetic Machine.....	179, 214
" deposited Copper.....	247
" Casting.....	278
Electrical Automaton.....	216
Electric Telegraph one hundred & fifty years ago	224
Elementary and Technical Education.....	295
Enamelling Iron.....	128, 196, 213
Engraving on Glass .....	132, 326
Engineer's Alphabet.....	167
Engineering, English .....	206
English Tools at Paris Exhibition .....	214
" Steam Fire-engine in France .....	321
Essences .....	166
Evening Classes....	4, 8, 120, 152, 254, 267, 296, 315
Evaporation .....	38
Examinations, Board of Arts.....	4, 6, 82, 90
Excavator, a New .....	48
Exhibition, Paris .....	9, 33, 35, 53, 90, 204
" " Time required to see .....	308
" " Prizes to Canadians .....	202
" Toronto Mechanics' Institute .....	29, 94, 153
" Provincial .....	226, 253, 281
" " Prize Awards .....	141, 144, 235
Exit from Public Buildings .....	119
Expansion of Fluids and Solids .....	80, 184, 275
Explosive Compound, a New .....	111
Explosions, Steam-boiler .....	127
Exports of the World.....	5t
Failures, Business .....	123
Fire-arms.....	12, 23, 126
Fire-engines, Steam .....	63, 821.
Fire-alarm, Dion's .....	180
Fire-escape .....	131
Fire, Putting out a .....	138
Fireman's Protector .....	167
Fire-proof Petroleum Reservoir .....	249
Fires, Suffocation of .....	251
Fibrous Plants .....	22, 89
Fibres, Solvent for .....	81
Files, To renovate .....	167, 217
File Making.....	173
Fish Culture .....	237
" Guano and Meal .....	300
Flowers, Putting up for Winter .....	165
" Odor of .....	187
Flax Industry, The Irish .....	236
Fleas and Lice, To banish .....	187
Focussing .....	51
Food, Nutriment of various kinds .....	136
" Animal, To preserve .....	278
Free Library of Reference .....	31
Frosted Limbs .....	49
Frosts in the Good Old Times .....	185
Friction .....	134
Fruit Essences .....	166
French Polish for Boots .....	187
France, Commerce of .....	222
Fuel, Combustion and economy of .....	138, 275
Fumigating .....	178
Gas from Pine Wood and Bones .....	1
Gas, Removing Ammonia from .....	107
" Pipes, Destruction of, by Rats .....	195
Gaslight Improvement .....	196
" Perfector, The Platinum .....	216
Gasoline, The dangers of .....	54
Gestation of Animals .....	188
Germany, Manufacturing industry of .....	320
Gilt and Bronze Test .....	50
Glyconine .....	49
Glue, Superior .....	49, 274
" Waste .....	161
" for Metals .....	165
" Bleaching .....	274
Glass, To Drill .....	50, 246
" Elastic .....	131
" Engraving .....	132, 134, 326
" To mend broken .....	133
" Crystallizing .....	217
" from Native Ore .....	271
" To cut .....	276, 280
Glycerine, Crystallization of .....	112
" Soap .....	305
Gold or Silver Test .....	50
" Imitation of .....	164, 167
Great Eastern, The .....	53
Ground Stoppers .....	188
Graining Machine, Air Cylinder .....	243