

J.—LETTERS PATENT LAPSED THROUGH NON-PAYMENT OF RENEWAL FEE, FROM 1ST JUNE, 1889,
TO 30TH APRIL, 1890.

1136. R. F. SMITH.—Hermetically closing boxes.
 1138. W. E. BARRY.—Amalgamators.
 1139. C. WOODS.—Railway-cars.
 1142. W. P. GARDNER.—Wire-rope tramway.
 1144. R. POOLE.—Fireguard, &c.
 1147. P. and D. DUNCAN.—Sower and harrow.
 1148. J. ROBSON.—Motive-power.
 1153. R. WOOLFORD.—Registering-machine.
 1154. J. S. HUDSON.—Rotary engine.
 1155. W. T. HAY.—Making oil.
 1156. C. ICKE.—Extracting gold, &c.
 1157. C. A. FLOYD.—Vehicles.
 1159. W. RAINBOW.—Churn.
 1160. W. RAINBOW.—Water-raiser and air-injector.
 1161. W. CREED.—Wire-strainer.
 1162. F. H. ASBURY.—Generating steam.
 1163. W. RAINBOW.—Improved castors.
 1164. W. RAINBOW.—Chair- and rail-gauge.
 1165. J. SINCLAIR.—Roofing-nail.
 1168. J. A. BERG.—Detaching shafts of vehicles.
 1171. J. W. OAKMAN.—Closets, &c.
 1174. G. SUMMERTON.—Millstone-irons.
 1177. W. A. MURRAY.—Straining-wire.
 1179. A. POTTER.—Paring gum.
 1180. W. REECE.—Bundle-carrier.
 1181. H. HUDSON.—Street railways.
 1182. W. BENNETT.—Hanging window-sashes.
 1184. J. BANKS.—Can.
 1190. H. CORRICK.—Chisel-handle.
 1191. J. EARLE.—Tea-mixer.
 1193. T. J. BENNETT.—Meat-preserving.
 1197. D. DAGGETT.—Ore-separator, &c.
 1198. H. W. KERLE.—Hydraulic elevators.
 1199. W. HACK.—Stump-extractor.
 1200. W. ANGELL.—Washer.
 1203. E. J. DOUGLAS.—Heating water.
 1204. W. GREENSHIELDS.—Hygienic brace.
 1205. W. RAINBOW.—Regulating heat of malt-house floors.
 1206. W. COOK.—Scouring wool.
 1209. C. E. PRICE.—Spring brake.
 1210. G. B. B. ELLIOTT.—Sluicing.
 1212. H. GABY.—Saving gas.
 1213. E. ELLIS.—Flock-dresser.
 1214. W. RAINBOW.—Boiler-tap.
 1215. G. FRY and C. DALLISON.—Gas-fire.
 1216. R. N. HELME.—Ventilators.
 1217. J. JENSEN.—Boiler and fire-stand.
 1218. W. WILKINSON.—Washing-machine.
 1223. E. A. GIBBON.—Breakwater.
 1224. D. FALLON.—Adzing and boring railway-sleepers.
 1225. C. D. HINCKLEY.—Wire-weaving.
 1227. P. MATZEN.—Wool-scouring.
 1230. W. J. SIMPSON.—Gorse-cutter.
 1231. F. H. SNOW.—Filtering water.
 1232. C. MOORE.—Hip-strap chain.
 1233. A. BURT.—Valve for hydraulic lift.
 1235. M. COCK.—Coating for explosives.
 1238. C. L. WHEELER.—Separating and purifying grain, &c.
 1243. T. AICKIN.—Insecticide and plant-vermin exterminator.
 1244. J. P. MILLER and J. S. SCOTT.—Manufacturing jam.
 1245. T. GILLESPIE.—Blast smelting-furnaces.
 1246. M. I. JONES.—Gas-engines.
 1247. G. MCHATTIE.—Plough.
 1248. J. RITCHIE.—Blasting and boring.
 1249. E. S. LEES.—Fastening wires.
 1250. D. P. BALFOUR.—Furrow-extender.
 1251. J. COVENTRY.—Swimming-instructor.
 1254. H. HEBDEN.—Telephonic-apparatus.
 1255. J. D. LA MONTE.—Ore-smelting.
 1256. J. D. LA MONTE.—Smelting-furnace.
 1257. J. D. LA MONTE.—Treating auriferous material.
 1258. F. Y. WOLSELEY.—Shearing sheep.