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<td>Inventor</td>
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<td>Wallwork &amp; Wells</td>
<td>Regenerative Burner (ENGLAND)</td>
</tr>
<tr>
<td>405,502</td>
<td>6-18-1889</td>
<td>Poindexter, John E.</td>
<td>Hair Singer (Singer for human hair)</td>
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<td>405,860</td>
<td>6-25-1889</td>
<td>Wallwork &amp; Wells</td>
<td>Combustible Liquids to Burners (ENGLAND)</td>
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<td>406,310</td>
<td>7-2-1889</td>
<td>Sanger, John N.</td>
<td>Device for Heating Irons (Fire pot)</td>
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<tr>
<td>407,750</td>
<td>7-23-1889</td>
<td>Wallwork</td>
<td>Regenerative Burner (Burner)</td>
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<tr>
<td>408,408</td>
<td>8-6-1889</td>
<td>Eversole, Theodore</td>
<td>Soldering Iron (SOLDERING IRON)</td>
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<tr>
<td>409,357</td>
<td>8-20-1889</td>
<td>Hull, John S.</td>
<td>Vapor Burner (May/may not be torch related)</td>
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<tr>
<td>409,358</td>
<td>8-20-1889</td>
<td>Drexlert, Joseph</td>
<td>Paint Burner (Primitive fuel fire pot)</td>
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<tr>
<td>410,503</td>
<td>9-3-1889</td>
<td>Dorn, Lorenzo</td>
<td>Blow Pipe (Fuel feed system)</td>
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<td>411,103</td>
<td>9-17-1889</td>
<td>Hull, John S.</td>
<td>Apparatus for Burning Vapors (Very complex burner/tank assembly)</td>
</tr>
<tr>
<td>415,613</td>
<td>11-19-1889</td>
<td>Butler, William P.</td>
<td>Blow Pipe Lamp (Identical to Turner design)</td>
</tr>
<tr>
<td>417,107</td>
<td>12-10-1889</td>
<td>Snow, George B.</td>
<td>Soldering Iron Heater (Fire pot)</td>
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<tr>
<td>417,343</td>
<td>12-17-1889</td>
<td>Schneider/Trenkamp</td>
<td>Vapor Burner (Schneider &amp; Trenkamp)</td>
</tr>
<tr>
<td>418,171</td>
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<td>Drexlert, Joseph</td>
<td>Paint Burner (SHSI)</td>
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<td>419,058</td>
<td>1-7-1890</td>
<td>Nehring, William</td>
<td>Soldering Iron Heater (Fire pot)</td>
</tr>
<tr>
<td>420,672</td>
<td>2-4-1890</td>
<td>Beach, William H.</td>
<td>Thermo Cauter (Cauterizer)</td>
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<td>423,393</td>
<td>3-11-1890</td>
<td>St. Omer Roy, F. M.</td>
<td>Cauterizing Apparatus (Cauterizer)</td>
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<td>423,614</td>
<td>3-18-1890</td>
<td>Maddox, John W.</td>
<td>Device For Brazing (Band saw blade brazer)</td>
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<td>425,154</td>
<td>4-8-1890</td>
<td>Wallwork &amp; Wells</td>
<td>Illuminating Apparatus (Large complex illumination torch)</td>
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<td>427,474</td>
<td>5-6-1890</td>
<td>Hayes, John P.</td>
<td>Hydrocarbon Paint Burner (Unusual handle/burner assembly)</td>
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<tr>
<td>427,759</td>
<td>5-13-1890</td>
<td>Gillis, Harry A.</td>
<td>Implement For Removing Paint (Large fuel tank w/remote burner asm.)</td>
</tr>
<tr>
<td>428,236</td>
<td>5-20-1890</td>
<td>Sundeen &amp; Molander</td>
<td>Self Heating Soldering Iron (SHSI)</td>
</tr>
<tr>
<td>430,196</td>
<td>6-17-1890</td>
<td>Rein &amp; Straight</td>
<td>Plumber's or Jeweler Furnace (Firepot with swivel burner head)</td>
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<tr>
<td>435,274</td>
<td>8-26-1890</td>
<td>Barr, Frederic</td>
<td>Soldering Iron (SOLDERING IRON, gasoline fueled)</td>
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<tr>
<td>437,317</td>
<td>9-30-1890</td>
<td>Taylor, Robert J.</td>
<td>Jeweler's Blow Pipe (Long blow pipe)</td>
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<td>10-14-1890</td>
<td>Wilson, John D.</td>
<td>Soldering Iron (SOLDERING IRON, reversible head)</td>
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<td>438,967</td>
<td>10-21-1890</td>
<td>Wiild, Emil</td>
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<tr>
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<td>11-11-1890</td>
<td>Wallwork &amp; Wells</td>
<td>Illuminating Apparatus (Large complex illumination torch)</td>
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<tr>
<td>442,194</td>
<td>12-9-1890</td>
<td>Mathews, Leroy M.</td>
<td>Blow Pipe (Blow pipe w/air squeeze bulb)</td>
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<tr>
<td>442,281</td>
<td>12-9-1890</td>
<td>Barr, Frederic</td>
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<td>446,765</td>
<td>2-17-1891</td>
<td>Barber, Edwin L.</td>
<td>Soldering Tool (Unusual interior coil construction)</td>
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<td>448,055</td>
<td>3-10-1891</td>
<td>Lehmann, C.</td>
<td>Self Heating Soldering Iron (SHSI, Gravity feed)</td>
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<td>4-7-1891</td>
<td>Beatelspacher, H.</td>
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<td>6-16-1891</td>
<td>Moody, Grant E.</td>
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<td>6-23-1891</td>
<td>Paquelin, Claude A.</td>
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<td>8-11-1891</td>
<td>Nicholas, W. A. &amp; B</td>
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<td>8-18-1891</td>
<td>Craig, Robert F.</td>
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<td>9-8-1891</td>
<td>Heidel, Gustavos</td>
<td>Paint Burner (Gravity feed (was Nat. Sad Iron Co.))</td>
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<td>12-8-1891</td>
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<td>Cook, William S.</td>
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<td>4-5-1892</td>
<td>Monfort, Abram C.</td>
<td>Spirit Lamp (Compact lamp soldering iron heater)</td>
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<td>473,159</td>
<td>4-19-1892</td>
<td>Kerslake, Harry A.</td>
<td>Vapor Burner or Plumbers Torch (European Style torch, Vulcan related)</td>
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<td>4-19-1892</td>
<td>Peebles, Joseph N.</td>
<td>Blowpipe (Dual chamber, movable upper tank)</td>
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<td>478,733</td>
<td>7-12-1892</td>
<td>Barthel, Gustav</td>
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<td>480,717</td>
<td>8-16-1892</td>
<td>Ellsworth, Erastus &amp; Vibert assignee</td>
<td>Blowpipe Lamp (Separate air supply, single tank)</td>
</tr>
<tr>
<td>Patent No.</td>
<td>Date</td>
<td>Description</td>
<td>Inventor/Company</td>
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<td>Von Krempelhuber, F.</td>
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<td>11-8-1892</td>
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<td>Heidel, Gustavos, National Sad Iron Co.</td>
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<td>12-20-1892</td>
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<td>St. OmerRoy, F. M.</td>
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<td>Lee, John</td>
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<td>Burner for Stoves &amp; Soldering</td>
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<td>Soldering Stove</td>
<td>Burgess, Edward T., Burgess Soldering Furnace Co</td>
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<td>4-16-1895</td>
<td>Apparatus for Heating Purposes</td>
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<td>Tinner's Fire Pot</td>
<td>Triggs, George A., Triggs Hardware Co.</td>
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<td>Blowpipe, Torch, Acid Bottle</td>
<td>Willson, Russell A., R A Willson Co.</td>
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<td>10-29-1895</td>
<td>Torch for Burning Paint</td>
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<td>549,183</td>
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<td>Coleman, Clyde J.</td>
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<td>11-19-1895</td>
<td>Brazing Furnance</td>
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<td>12-17-1895</td>
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<td>Rein, Bernard, Rein Mfg. Co.</td>
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<td>Brazing Furnace</td>
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<tr>
<td>554,645</td>
<td>2-18-1896</td>
<td>Device for Melting Sealing Wax</td>
<td>Bimberg, Nathan</td>
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<tr>
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<td>Becker, Rudolph C.</td>
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<td>Patent No.</td>
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<td>Inventor</td>
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<td>Macdonald, James</td>
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<td>Page &amp; Hopkins</td>
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<td>Sams, Walter</td>
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<td>597,746</td>
<td>1-25-1898</td>
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<td>Paint &amp; Varnish remover</td>
<td>Aiken, B.F.</td>
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<td>Pullen, William</td>
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<td>Pullen, William</td>
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<td>Edmunds, Eddie</td>
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<td>Soldering Lamp</td>
<td>Heinz, Philipp</td>
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<td>1,152,745</td>
<td>9-7-1915</td>
<td>Alcohol Torch</td>
<td>Melenbacker, A.H. Small alcohol torch</td>
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<tr>
<td>1,157,549</td>
<td>10-19-1915</td>
<td>Oil Burner Torch</td>
<td>Kellermann, F. W. Very large burner asm.</td>
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<tr>
<td>1,163,007</td>
<td>12-7-1915</td>
<td>Soldering Lamp</td>
<td>Haven, John N. Lineman soldering device</td>
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<td>1,171,232</td>
<td>2-8-1916</td>
<td>Soldering Iron</td>
<td>Muller, Geza Iron w/remote fuel and solder dispenser</td>
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<tr>
<td>1,172,545</td>
<td>2-22-1916</td>
<td>Soldering Iron</td>
<td>Miles, Richard B. SOLDERING IRON</td>
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<tr>
<td>1,180,162</td>
<td>4-18-1916</td>
<td>Torch</td>
<td>Litter, Frank Litter Torch Co. Illumination torch</td>
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<tr>
<td>1,184,901</td>
<td>5-30-1916</td>
<td>Heater for Soldering Iron</td>
<td>Walker, William A. Unusual multi purpose tool</td>
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<tr>
<td>1,187,611</td>
<td>6-20-1916</td>
<td>Mouth Blowpipe Lamp</td>
<td>Dawson, Frank J. Dentist's lamp</td>
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<tr>
<td>1,187,819</td>
<td>6-20-1916</td>
<td>Portable Cleaning Device</td>
<td>Daniels, Charles E. Converts to blow torch</td>
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<td>1,187,821</td>
<td>6-20-1916</td>
<td>Paint Scraper</td>
<td>Dempster &amp; Skaggs SHSI w/paint scraper, similar to Climax</td>
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<td>1,196,620</td>
<td>8-29-1916</td>
<td>Soldering Iron</td>
<td>Walker, Ollie A. SHSI</td>
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<tr>
<td>1,197,010</td>
<td>9-5-1916</td>
<td>Vapor Burner</td>
<td>Chausse, Wilfrid G. Chausse Mfg. Co. Horiz fuel tank w/handle &amp; long burner</td>
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<td>1,201,497</td>
<td>10-17-1916</td>
<td>Melting Pot Attachment /torches</td>
<td>Peschman, R. J. Soldering pot attachment to burner</td>
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<tr>
<td>Patent No.</td>
<td>Date</td>
<td>Description</td>
<td>Inventor</td>
<td>Company</td>
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<td>1,203,839</td>
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<td>Archambault, A. J.</td>
<td>The Archambault Co.</td>
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<td>1,216,248</td>
<td>2-13-1917</td>
<td>Hydrocarbon Torch</td>
<td>Swem, Lawrence W</td>
<td>E. L. Webb Co. ?</td>
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<td>1,218,636</td>
<td>2-13-1917</td>
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<td>Hauck Mfg. Co.</td>
<td>Two tank system</td>
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<td>1,228,328</td>
<td>5-29-1917</td>
<td>Alcohol Lamp</td>
<td>Liggins, William L.</td>
<td>Alcohol lamp for irons</td>
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<tr>
<td>1,231,969</td>
<td>7-3-1917</td>
<td>Torch or Burner</td>
<td>Taylor, Samuel T.</td>
<td>Large fuel tank w/shoulder sling</td>
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<tr>
<td>1,234,268</td>
<td>7-24-1917</td>
<td>Filling Funnel Plug</td>
<td>Bernz, Otto</td>
<td>Filler plug prevents debris entering</td>
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<tr>
<td>1,237,460</td>
<td>8-21-1917</td>
<td>Torch &amp; Melting Pot</td>
<td>Bishop, Joseph T.</td>
<td>SHSI w/attached melting pot</td>
</tr>
<tr>
<td>1,237,995</td>
<td>8-21-1917</td>
<td>Blowsch Torches</td>
<td>Bearer, Valentine M.</td>
<td>Used for setting back fires, forest serv.</td>
</tr>
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<td>1,248,769</td>
<td>12-4-1917</td>
<td>Soldering Torch</td>
<td>Willis, Walter</td>
<td>Two tank system, alcohol</td>
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<td>1,249,625</td>
<td>12-4-1917</td>
<td>Blowsch Torches</td>
<td>Herzog, Walter J.</td>
<td>SHSI w/fold legs</td>
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<tr>
<td>1,253,215</td>
<td>1-15-1918</td>
<td>Self Feeding Soldering Iron</td>
<td>Corkery, William E.</td>
<td>SHSI</td>
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<td>1,254,145</td>
<td>1-22-1918</td>
<td>Liquid Fuel Burner</td>
<td>Lieb, Jean</td>
<td>SWITZERLAND</td>
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<td>1,260,741</td>
<td>3-26-1918</td>
<td>Torch</td>
<td>Archambault, A. J.</td>
<td>The Archambault Co.</td>
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<td>1,261,277</td>
<td>4-2-1918</td>
<td>Blow torch</td>
<td>Olson, John O.</td>
<td>Improved torch to burn kerosene</td>
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<tr>
<td>1,262,499</td>
<td>4-9-1918</td>
<td>Hand Blast Torch</td>
<td>Howell, Bert M.</td>
<td>Two piece, w/long feed tube</td>
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<tr>
<td>1,268,877</td>
<td>6-11-1918</td>
<td>Self Feeding Soldering Iron</td>
<td>Orme, Harry A.</td>
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<tr>
<td>1,273,281</td>
<td>7-23-1918</td>
<td>Soldering Tool</td>
<td>Smigiel, Julian</td>
<td>SHSI, most unusual</td>
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<td>1,273,518</td>
<td>7-23-1918</td>
<td>Soldering Iron</td>
<td>Merca, Andrew</td>
<td>SHSI</td>
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<td>1,274,403</td>
<td>8-6-1918</td>
<td>Hydrocarbon Torch</td>
<td>Filzer, Christian G.</td>
<td>Volcano Torch &amp; Mfg. Co.</td>
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<td>1,277,793</td>
<td>9-3-1918</td>
<td>Soldering Iron</td>
<td>Wall, Willis F.</td>
<td>SOLDERING IRON</td>
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<tr>
<td>1,278,320</td>
<td>9-10-1918</td>
<td>Liquid Fuel Burner</td>
<td>Ferguson, Thomas B.</td>
<td>Standard Stove &amp; Light Co.</td>
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<td>1,278,881</td>
<td>9-17-1918</td>
<td>Oil Torch</td>
<td>Diffendall, Walter H.</td>
<td>Firepot asm.</td>
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<td>1,281,345</td>
<td>10-15-1918</td>
<td>Blow Torch or Fire Pot</td>
<td>Goldberger, M.</td>
<td>Buner with/remote fuel tank, remote air</td>
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<td>1,283,697</td>
<td>11-5-1918</td>
<td>Gas Heated Soldering Iron</td>
<td>Donges, Christian</td>
<td>SHSI, external gas source</td>
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<td>1,285,830</td>
<td>11-26-1918</td>
<td>Soldering Iron</td>
<td>Stiffey, James J.</td>
<td>SHSI</td>
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<td>1,288,072</td>
<td>12-24-1918</td>
<td>Kerosene Burner</td>
<td>Benner, Louis C.</td>
<td>Buner for fire pot</td>
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<td>1,295,349</td>
<td>2-25-1918</td>
<td>Hydrocarbon Burner</td>
<td>Monroe, George B.</td>
<td>Long external burner for tree trunks</td>
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<td>1,296,889</td>
<td>3-11-1919</td>
<td>Blow Torch</td>
<td>Snow, Leon U.</td>
<td>Personal size, wick &amp; burner head</td>
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<td>1,297,245</td>
<td>3-11-1919</td>
<td>Attachment for Blow Torch</td>
<td>Reddigliffe, John</td>
<td>CANADA</td>
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<td>1,303,716</td>
<td>5-13-1919</td>
<td>Soldering Iron</td>
<td>Parent, Raymond C.</td>
<td>SHSI, SEE REISSUED R15,202</td>
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<tr>
<td>1,308,452</td>
<td>7-1-1919</td>
<td>Kerosene Torch</td>
<td>Smock, Howard A.</td>
<td>Free standing burner hd w/remote trk.</td>
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<td>1,315,420</td>
<td>9-9-1919</td>
<td>Attachment for Blow Torch</td>
<td>Romano, Joseph</td>
<td>Presents sm. vessel for melting lead</td>
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<tr>
<td>1,320,498</td>
<td>11-4-1919</td>
<td>Alcohol Torch</td>
<td>Schneider, Morris</td>
<td>Single fuel cell w/screw top</td>
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<tr>
<td>1,320,559</td>
<td>11-4-1919</td>
<td>Dust Proof Cap for Liquid Tank Fillers</td>
<td>Lambert, C.R.</td>
<td>Clayton &amp; Lambert Mfg. Co.</td>
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<tr>
<td>Patent No.</td>
<td>Date</td>
<td>Invention</td>
<td>Inventor(s)</td>
<td>Company</td>
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<td>11-18-1919</td>
<td>Painter's Torch</td>
<td>Chausse, Wilfrid G.</td>
<td>Chausse Mfg. Co.</td>
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<td>1,322,952</td>
<td>11-25-1919</td>
<td>Plumber's Torch</td>
<td>Robin, Victor J.</td>
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<tr>
<td>1,329,270</td>
<td>1-27-1920</td>
<td>Soldering &amp; Melting Apparatus</td>
<td>Elias, P.M., Llera, F.</td>
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<tr>
<td>1,330,696</td>
<td>2-10-1920</td>
<td>Self Blowing Torch</td>
<td>Folgman, Emanuel</td>
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<tr>
<td>1,333,590</td>
<td>3-9-1920</td>
<td>Self Heating Soldering Tool</td>
<td>Padgett, Claude M.</td>
<td>Peterson-Plummer Co.</td>
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<td>1,338,653</td>
<td>4-27-1920</td>
<td>Torch or Burner</td>
<td>Hardt &amp; Taylor</td>
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<td>1,338,840</td>
<td>5-4-1920</td>
<td>Liquid Fuel Torch</td>
<td>Preining, Adolf J.</td>
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<td>1,341,127</td>
<td>5-25-1920</td>
<td>Kerosene Burning Torch</td>
<td>Hinkson, Clair L.</td>
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<td>1,341,514</td>
<td>6-15-1920</td>
<td>Universal Quick Thaw Torch</td>
<td>Pagel, William F.</td>
<td>Turner Brass Works Co.</td>
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<td>1,343,705</td>
<td>6-15-1920</td>
<td>Street Cleaner</td>
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<td>1,353,047</td>
<td>9-14-1920</td>
<td>Street Cleaner</td>
<td>Komarcsevits, G.</td>
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<td>1,354,065</td>
<td>9-28-1920</td>
<td>Tool Holder for Blow Torches</td>
<td>Pruessing, W &amp; C</td>
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<td>1,368,099</td>
<td>4-12-1921</td>
<td>Gasolene Torch</td>
<td>Anderson, James A.</td>
<td>Clayton &amp; Lambert Mfg. Co.</td>
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<td>1,374,587</td>
<td>5-10-1921</td>
<td>Firepot</td>
<td>Jahnke, Charles B.</td>
<td>Fairbanks Morse &amp; Co.</td>
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<td>1,379,544</td>
<td>5-24-1921</td>
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<td>Jahnke, Charles B.</td>
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<td>1,380,140</td>
<td>5-31-1921</td>
<td>Blowtorch</td>
<td>Anderson, James A.</td>
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<td>1,381,924</td>
<td>6-21-1921</td>
<td>Blowtorch</td>
<td>Anderson, James A.</td>
<td>National Pumpless Blowtorch Co</td>
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<tr>
<td>1,386,462</td>
<td>7-5-1921</td>
<td>Ignition attachment for Torches</td>
<td>Rollerson, Alex H.</td>
<td>Clayton &amp; Lambert Mfg. Co.</td>
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<td>1,386,871</td>
<td>8-2-1921</td>
<td>Valve for Vapor Burners</td>
<td>Quinton, Osone E.</td>
<td>Clayton &amp; Lambert Mfg. Co.</td>
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<td>1,393,390</td>
<td>9-27-1921</td>
<td>Blowtorch</td>
<td>Anderson, James B.</td>
<td>National Pumpless Blowtorch Co</td>
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<td>1,393,999</td>
<td>10-18-1921</td>
<td>Attachment for Blow TORCHES</td>
<td>Garnett, Thomas W.</td>
<td>Clayton &amp; Lambert Mfg. Co.</td>
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<td>11-22-1921</td>
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<td>Clayton &amp; Lambert Mfg. Co.</td>
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<td>11-29-1921</td>
<td>Suction Torch</td>
<td>Hauck, Arthur E.</td>
<td>Clayton &amp; Lambert Mfg. Co.</td>
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<td>1,398,676</td>
<td>11-29-1921</td>
<td>Alcohol Torch</td>
<td>Carleton, Francis B.</td>
<td>Clayton &amp; Lambert Mfg. Co.</td>
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<td>1,405,147</td>
<td>1-31-1922</td>
<td>Fuel Tank for Torches</td>
<td>Mueller, John A.</td>
<td>Clayton &amp; Lambert Mfg. Co.</td>
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<td>1,419,232</td>
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<td>Clayton &amp; Lambert Mfg. Co.</td>
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<td>4-4-1922</td>
<td>Soldering Iron</td>
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<td>Clayton &amp; Lambert Mfg. Co.</td>
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<td>1,412,689</td>
<td>4-11-1922</td>
<td>Soldering Iron</td>
<td>Layton &amp; Wallace</td>
<td>Clayton &amp; Lambert Mfg. Co.</td>
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<td>Patent No.</td>
<td>Date</td>
<td>Description</td>
<td>Inventor</td>
<td>Assignee</td>
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<td>1,421,158</td>
<td>6-27-1922</td>
<td>Starting Lamp for Internal Combustion Engine</td>
<td>Brooks, H.</td>
<td>Petters Ltd. England</td>
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<td>1,422,357</td>
<td>7-11-1922</td>
<td>Soldering Iron</td>
<td>Hammond, Harry F.</td>
<td>Petters Ltd. England</td>
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<td>1,425,362</td>
<td>8-8-1922</td>
<td>Blowtorch</td>
<td>Bingham, Forrest</td>
<td>Detroit Torch &amp; Mfg. Co.</td>
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<td>1,427,770</td>
<td>9-5-1922</td>
<td>Soldering Iron</td>
<td>Austin, Henry K.</td>
<td>Detroit Torch &amp; Mfg. Co.</td>
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<td>1,431,031</td>
<td>10-3-1922</td>
<td>Blowtorch</td>
<td>Patchel, Robert E.</td>
<td>Detroit Torch &amp; Mfg. Co.</td>
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<td>1,432,801</td>
<td>10-24-1922</td>
<td>Blowtorch Furnace</td>
<td>Streit, Melvile V.</td>
<td>Detroit Torch &amp; Mfg. Co.</td>
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<td>1,434,284</td>
<td>10-31-1922</td>
<td>Torch</td>
<td>Folgman, Emanuel</td>
<td>Detroit Torch &amp; Mfg. Co.</td>
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<td>1,441,062</td>
<td>1-2-1923</td>
<td>Burner and Heater</td>
<td>Campbell, Thomas R.</td>
<td>Detroit Torch &amp; Mfg. Co.</td>
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<td>1,441,368</td>
<td>1-9-1923</td>
<td>Fire Pot</td>
<td>O'Loughlin Thomas J.</td>
<td>Detroit Torch &amp; Mfg. Co.</td>
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<td>1,441,488</td>
<td>1-9-1923</td>
<td>Blowtorch</td>
<td>Donigan Horn</td>
<td>Detroit Torch &amp; Mfg. Co.</td>
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<td>1,441,537</td>
<td>1-9-1923</td>
<td>Soldering Iron</td>
<td>Sandor, Paul L.</td>
<td>Detroit Torch &amp; Mfg. Co.</td>
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<td>1,447,796</td>
<td>3-6-1923</td>
<td>Fire Pot</td>
<td>Lindhorst, F. L.</td>
<td>Detroit Torch &amp; Mfg. Co.</td>
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<td>4-10-1923</td>
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<td>Bell, Thomas H.</td>
<td>Detroit Torch &amp; Mfg. Co.</td>
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<td>1,456,718</td>
<td>5-29-1923</td>
<td>Blowtorch</td>
<td>Anderson, James B.</td>
<td>Detroit Torch &amp; Mfg. Co.</td>
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<td>1,459,658</td>
<td>6-19-1923</td>
<td>Torch</td>
<td>Eggers, Clarence C.</td>
<td>Detroit Torch &amp; Mfg. Co.</td>
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<td>1,466,403</td>
<td>8-28-1923</td>
<td>Carbide Soldering torch</td>
<td>Knapp, Fred C.</td>
<td>Detroit Torch &amp; Mfg. Co.</td>
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<td>1,469,598</td>
<td>10-2-1923</td>
<td>Fire Pot</td>
<td>Horn, Edward J.</td>
<td>Detroit Torch &amp; Mfg. Co.</td>
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<td>1,487,864</td>
<td>3-25-1924</td>
<td>Self Heating Soldering Iron</td>
<td>Lawrence, Jay F.</td>
<td>Detroit Torch &amp; Mfg. Co.</td>
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<tr>
<td>1,492,508</td>
<td>4-29-1924</td>
<td>Soldering Iron and Blow torch</td>
<td>Brandrup, Harold</td>
<td>Detroit Torch &amp; Mfg. Co.</td>
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<td>1,495,686</td>
<td>5-27-1924</td>
<td>Soldering Iron</td>
<td>Gretz, Raymond J.</td>
<td>Detroit Torch &amp; Mfg. Co.</td>
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<td>1,497,118</td>
<td>6-10-1924</td>
<td>Plumber's Heating Device</td>
<td>Pagel, William F.</td>
<td>Detroit Torch &amp; Mfg. Co.</td>
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<td>1,499,945</td>
<td>7-1-1924</td>
<td>Soldering Instrument</td>
<td>Renstrom, George A.</td>
<td>Detroit Torch &amp; Mfg. Co.</td>
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<td>7-22-1924</td>
<td>Oil Burner</td>
<td>Groehn, Otto J.</td>
<td>Detroit Torch &amp; Mfg. Co.</td>
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<td>Detroit Torch &amp; Mfg. Co.</td>
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<td>Modern Metal Products Co.</td>
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<td>Modern Metal Products Co.</td>
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<td>Kerosene, w/pressure gauge</td>
<td>Olson, John O.</td>
<td>Clayton &amp; Lambert Mfg. Co.</td>
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<tr>
<td>2,001,665</td>
<td>5-14-1935</td>
<td>Bakelite</td>
<td>Franwick, Edmond J.</td>
<td>Modern Metal Products Co.</td>
</tr>
<tr>
<td>2,013,223</td>
<td>3-24-1936</td>
<td>Solid fuel fire pot</td>
<td>Davidson, Mendel</td>
<td>Modern Metal Products Co.</td>
</tr>
<tr>
<td>2,035,411</td>
<td>4-21-1936</td>
<td>Alcohol, single tank, no handle</td>
<td>Brody, Samuel C.</td>
<td>Modern Metal Products Co.</td>
</tr>
<tr>
<td>2,052,276</td>
<td>8-25-1936</td>
<td>Single tank, dual fill holes, sm wdn hdl</td>
<td>Brody, Samuel C.</td>
<td>Modern Metal Products Co.</td>
</tr>
<tr>
<td>2,064,553</td>
<td>12-15-1936</td>
<td>Propane fire pot</td>
<td>Greenfield, Eugene</td>
<td>Modern Metal Products Co.</td>
</tr>
<tr>
<td>2,094,259</td>
<td>9-28-1936</td>
<td>Dual tank alcohol torch</td>
<td>Brody, Samuel C.</td>
<td>Modern Metal Products Co.</td>
</tr>
<tr>
<td>2,102,404</td>
<td>12-14-1937</td>
<td>Two cylindrical tanks, Jim Dandy</td>
<td>Brody, Samuel C.</td>
<td>Modern Metal Products Co.</td>
</tr>
<tr>
<td>2,120,078</td>
<td>6-7-1938</td>
<td>Burner exits fuel tank, center to side</td>
<td>Schrader, Henry</td>
<td>Clayton &amp; Lambert Mfg. Co.</td>
</tr>
<tr>
<td>Patent No.</td>
<td>Date</td>
<td>Description</td>
<td>Details</td>
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<td>2,153,289</td>
<td>4-4-1939</td>
<td>Branding Iron</td>
<td>Branding iron attaches to burner asm.</td>
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<tr>
<td>2,155,238</td>
<td>4-18-1939</td>
<td>Torch</td>
<td>National style torch</td>
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<tr>
<td>2,177,180</td>
<td>10-24-1939</td>
<td>Branding Tool</td>
<td>Long device, can be used as a torch</td>
<td></td>
</tr>
<tr>
<td>2,186,760</td>
<td>1-9-1940</td>
<td>Blow Torch</td>
<td>Lenk, David A. Lenk Mfg. Co. Alcohol torch</td>
<td></td>
</tr>
<tr>
<td>2,188,460</td>
<td>1-30-1940</td>
<td>Blowlamp</td>
<td>Levit, Leopold Czech. patent, two chamber, alcohol</td>
<td></td>
</tr>
<tr>
<td>2,199,414</td>
<td>10-29-1940</td>
<td>Starting Burner</td>
<td>Ekstrom, Herman SWEDEN Burner asm.</td>
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<tr>
<td>2,202,738</td>
<td>11-5-1940</td>
<td>Attachment for Blow Torches</td>
<td>Stoddard, Guy H. Paint scrapper attachment to burner</td>
<td></td>
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<tr>
<td>2,225,255</td>
<td>12-17-1940</td>
<td>Metal Spray Attachment</td>
<td>Forton, Harold R. Coe Laboratories Metal sprayer attachment for torches</td>
<td></td>
</tr>
<tr>
<td>2,225,817</td>
<td>1-28-1941</td>
<td>Device for Softening Putty</td>
<td>Nichols, Charles H. Attachment to burner regulates heat</td>
<td></td>
</tr>
<tr>
<td>2,261,015</td>
<td>10-28-1941</td>
<td>Soldering Iron</td>
<td>Brody, Samuel C. Modern Metal Products Co. Soldering iron tips</td>
<td></td>
</tr>
<tr>
<td>2,262,577</td>
<td>11-11-1941</td>
<td>Electrically Preheated Blowtorch</td>
<td>Eichmann, Joseph Electric heater mounted under burner</td>
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<tr>
<td>2,263,908</td>
<td>11-25-1941</td>
<td>Oil Burner</td>
<td>Strawn, Raymond W Very large burner asm, remote fuel</td>
<td></td>
</tr>
<tr>
<td>2,270,625</td>
<td>1-20-1942</td>
<td>Scraper attachment for Torches</td>
<td>Dilts, Joseph B. Dual blade scraper adapts to torches</td>
<td></td>
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<tr>
<td>2,270,826</td>
<td>1-20-1942</td>
<td>Blowtorch</td>
<td>Peters, Stanley E. Baumgarth Mfg. Co. Larger National style torch</td>
<td></td>
</tr>
<tr>
<td>2,327,677</td>
<td>8-24-1943</td>
<td>Blow Torch Furnace</td>
<td>Starbuck, Ernest A. Device forms furnace on burner asm.</td>
<td></td>
</tr>
<tr>
<td>2,366,605</td>
<td>1-2-1945</td>
<td>Blow Torch</td>
<td>Evans, John L. Buner design</td>
<td></td>
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<tr>
<td>2,388,901</td>
<td>4-16-1943</td>
<td>Heating Device</td>
<td>Burrows, Lawton A. E. I. DuPont Co. Pistol type soldering gun</td>
<td></td>
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<tr>
<td>2,431,109</td>
<td>11-18-1947</td>
<td>Blowtorch w/ Vertical Retort</td>
<td>Cieminski, Leo</td>
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<tr>
<td>2,442,394</td>
<td>6-1-1948</td>
<td>Blowtorch w/ vaporizer</td>
<td>Baum, Horace A. Single tank, dual burner heads</td>
<td></td>
</tr>
<tr>
<td>2,455,220</td>
<td>11-30-1948</td>
<td>Blast Torch</td>
<td>Brody, Samuel C. Modern Metal Products Co. Very small gasoline/alcohol torch</td>
<td></td>
</tr>
<tr>
<td>2,455,221</td>
<td>11-30-1948</td>
<td>Blast Torch</td>
<td>Brody, Samuel C. Modern Metal Products Co. Improvements to patent 2,455,220</td>
<td></td>
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<tr>
<td>2,467,298</td>
<td>4-12-1949</td>
<td>Soldering Furnace</td>
<td>Dowers, Alva L. Propane fire pot</td>
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<tr>
<td>2,467,450</td>
<td>4-19-1949</td>
<td>Coil Type Oil Burner</td>
<td>Wollner, Paul Aerol Products Co. Large coiled burner asm.</td>
<td></td>
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<tr>
<td>2,476,072</td>
<td>7-12-1949</td>
<td>Blowtorch</td>
<td>Livingston, Robert L. Robert L. Livingston Co. Split-Fire torch, hinged primer tank</td>
<td></td>
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<tr>
<td>2,485,120</td>
<td>10-18-1949</td>
<td>Blowtorch attachment for ladies</td>
<td>Szulerecki, Martin Ladle attachment for blow torches</td>
<td></td>
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<tr>
<td>2,500,610</td>
<td>3-14-1950</td>
<td>Portable Hydrocarbon Furnace</td>
<td>Keller, Thomas Cedarberg Mfg. Co. Fire pot</td>
<td></td>
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<tr>
<td>2,515,426</td>
<td>7-18-1950</td>
<td>Soldering Iron</td>
<td>McGruer, William CANADA Carbide canister feeds iron</td>
<td></td>
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<tr>
<td>2,518,257</td>
<td>8-8-1950</td>
<td>Torch</td>
<td>Schrader, Henry Improvements to previous patent</td>
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<td>2,534,257</td>
<td>12-19-1950</td>
<td>Soldering Iron</td>
<td>Flournoy, Algernon SOLDIERING IRON</td>
<td></td>
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<tr>
<td>2,544,217</td>
<td>3-6-1951</td>
<td>Blowtorch</td>
<td>Brody, Samuel C. Modern Metal Products Co. Improvement on previous patent</td>
<td></td>
</tr>
<tr>
<td>2,563,072</td>
<td>8-7-1951</td>
<td>Metal Spray Attachment</td>
<td>Sauer, Edward B. Attachment for blow torches</td>
<td></td>
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<tr>
<td>2,589,097</td>
<td>3-18-1952</td>
<td>Soldering Iron</td>
<td>Petraglia, Frank A. SHSI, cartridge heater</td>
<td></td>
</tr>
<tr>
<td>2,628,671</td>
<td>2-17-1953</td>
<td>Wick-Type Hand Torch</td>
<td>Sherman, Harry H. P. Wall Mfg. Co. Identical to P. Wall alcohol torch</td>
<td></td>
</tr>
<tr>
<td>2,683,484</td>
<td>7-13-1954</td>
<td>Portable Blowtorch</td>
<td>Falligant, Louis A. Prepo Corp. Torch w/fuel cartridge, butane/propane</td>
<td></td>
</tr>
</tbody>
</table>
2,706,978 4-26-1955 Stubble Destroyers Larson, Franz B. Blow torch within mobile device
2,725,931 12-6-1955 Blowtorch Snell, Weis C. Crude torch made from alum. Foil
2,726,655 12-13-1955 Blowtorch Adaptor Resseguie, Stanley Adaptor holds two soldering irons
2,731,016 1-17-1956 Poultry Beak Cutting Device Miller, Roy R. Device utilizes a blow torch to sear
2,769,487 11-6-1956 Blow Torch Schweitzer, F.L. Z & W Mfg. Co. Improvements to previous patent
2,790,597 4-30-1957 Pump Turpin, Alexander J. Hauck Mfg. Co. Air pump design for large fuel tanks
2,804,918 9-3-1957 Retort Burner & Blowtorch Raymond, David L. Hupp Corp. Large coiled burner, remote fuel
2,809,101 10-8-1957 Halide Leak Detector Mitchel, Harry A. Turner Brass Works Co. Halide Leak Detector
2,819,756 1-14-1958 Putty Remover Schmidt, Willard E. Attachment to burner
2,822,801 2-11-1958 Branding Iron Furnace Bissell, B. O. Fire pot
2,840,015 6-24-1958 Dry Fuel Blow Torch Edgerton, Arthur H. Dry pellet type blow torch
2,940,674 6-14-1960 Instant Flame Torch Hunter, Robert H. Hunter Mfg. Co. Instant starting torch
2,975,784 3-21-1961 Accessory for Blow Torch Nelson, Douglas J. Soldering pot attachment to burner
3,029,807 4-17-1962 Portable L.P. Gas Torch Webster, Milo E. O. Bernz Mfg. Co. Early liquid propane torch
3,038,464 6-12-1962 Lawn Edge Trimming Device Geer, Austin C. ENGLAND Rolling propane burner
4,392,819 7-12-1983 Heating Apparatus for Torch Ah., Byorg R. Korea A torch preheating device
7,030,339 4-18-2006 Soldering Iron Tip Nagase, Takashi Japan Soldering iron tip

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32,257 2-20-1900 Burner Plate for generators Lambert, John E. Clayton & Lambert Co. Flat burner
50,557 4-3-1917 Blow torch Lambert, Charles R. Clayton & Lambert Co. Alcohol style blow torch design
75,372 5-29-1928 Prosthetic lamp Kaplan, Jacob H. Clayton & Lambert Co. Dental bulb blowlamp
88,586 12-6-1932 Blow torch Jacob F. Steffan National Welding Co. Concave alcohol torch w/sq. bulb
152,187 12-28-1948 Hand Blowtorch Burnham, Benjamin Kerr Mfg. Co. Concave torch w/ air squeeze bulb

TRADEMARKS:
77,498 4-12-1910 Turner Brass Works Turner Brass Works Man on a trapeze

REISSUED PATENTS:
R15,202 9-27-1921 Soldering Iron Parent, Raymond C. SHSI reissued with some changes

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684,329 10-8-1901 Apparatus For Brazing Webb, James S. Acetylene gas

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