

commendation is unnecessary. He was married in 1877 to Caroline E., daughter of James Rhodes, a resident of Harvey's Lake, and four children were born to this union, viz.: Jessie (deceased), Edna, Stewart and James. Mr. Engle is an independent voter, and his family attend the Presbyterian Church.

HOWARD KEIM ENGLE, farmer, P. O. Sybertsville, was born in Sugar Loaf township November 8, 1862, son of John and Anna (Keim) Engle. His paternal grandfather was William Engle, whose parents were among the pioneers of Sugar Loaf township. The wife of William Engle was Mary Davis, and their children were as follows: Rachel (Mrs. Daniel Yeager), John, Sylvester, Eliza (Mrs. Gideon D. Klinger), Ellen (Mrs. Elijah McMurtrie), Moses D., Stephen, Sarah (Mrs. Henry Dryfoos), Wallace, Lizzie and Charles. Of these, John was a native of Columbia county, Pa. He spent most of his life in Sugar Loaf township, where he was engaged in farming and lumbering, dying there August 18, 1874, at the age of fifty years. John Engle was twice married; his first wife was Rose Fritz, by whom he had four children: George W., Clara P. (Mrs. Josiah Schreck), Albert A. and Emma J. (Mrs. Newton J. Beam); his second wife was a daughter of John and Lydia (Musselman) Kein, of Sugar Loaf township, and by her he had two children, Howard K. and Estelle F. Mr. Engle united with the Presbyterian Church at the age of seventeen, and was an elder in the same for many years; in politics he was a Republican. His widow and children — Howard K. and Estelle F. — reside on the homestead.

STEPHEN D. ENGLE, whose scientific and mechanical inventions have given him a national, if not a world-wide, fame, was born in Sugar Loaf township, Luzerne Co., Pa., December 18, 1837. When young he enjoyed no other advantages for education than were afforded by the common schools of that day, but he has been an inveterate reader, especially of scientific works, and has thus acquired rare intelligence. Since arriving at maturity he has been a resident of Hazleton, in his native county, where he married a daughter of Joseph Grenawalt, a wealthy and public-spirited citizen of that borough. When the rebels entered Pennsylvania in 1863, Mr. Engle served with the "emergency men" until the soil of his native State was no longer pressed by hostile feet. Mr. Engle's father was a watchmaker as well as a farmer, and the subject of this sketch became the leading watchmaker and jeweler of Hazleton. He also studied and for a number of years practiced dentistry in connection with his business as a jeweler. One of his inventions is "Engle's Patent for Securing Porcelain Teeth to Gold and Silver Plates." The "Association for the Protection of the Rights of Dentists" officially approved of this device, and hastened to secure an assignment and abandonment to the public of the patent. Another invention of intrinsic worth is "Engle's Dust Proof Watch Case," affording such protection to the movement as would not now be dispensed with by manufacturers of the best watches. The first astronomical, musical and apostolic clock, ever built in the United States, was invented and built by Mr. Engle, and it has never been equaled in automatic wonders or in the scientific accuracy of the astronomical mechanism. So absorbed was Mr. Engle in the planning and construction of this clock, that he afterward wrote to a friend: "During the last year before its completion I had no night or day, but slept when I was sleepy and ate when I was hungry, without any regard to old Sol." It was perhaps fortunate for him that he was a disciple of Nimrod and Izaak Walton, for without the recreation found in his hunting and fishing excursions, he would probably have succumbed long ago to an excess of brain work and confinement to rooms filled with machinery, crucibles, metals and acids. Capt. Jacob Reid has exhibited this clock to crowded houses in every part of the United States and Canada. A description of this grand piece of mechanism, with its forty-eight moving figures, its movements illustrating day and night, changes of seasons, ebbing and flowing of tides and other phenomena, can not here be given. While Joel Cook, one of the editors of the *Public Ledger*, of Philadelphia, was visiting Strasbourg (France) in 1878, he saw the renowned Strasbourg clock, and in his book entitled "A Holiday Trip to Europe," he makes the following comparison:

"The Engle clock, which has been exhibited in Philadelphia, is not so large, and yet does all that this clock does, and much more, and does it better." The latest invention of Mr. Engle is "Engle's Tellurion." For illustrating celestial, as well as terrestrial phenomena, this is far in advance of any apparatus hitherto constructed. It is the only apparatus yet in existence that shows the true motion of the earth around the sun in an actual ellipse. The parallelism of the axis is at all times preserved, and all the phenomena of the changes of day and night and of the seasons, the greater length of time the sun remains north than south of the equator, etc., are clearly shown. This instrument shows the length of the day and night at any season of the year in any latitude, as well as the heavenly constellations visible at any hour in any and every season of the year. The moon is seen in its gibbous and crescent phases, as well as with a full enlightened hemisphere and in total darkness, its place being a mask or hollow hemisphere with the convex surface thereof black. This invention has attracted the attention of astronomers and teachers. Parties have endeavored to negotiate with Mr. Engle with a view to the manufacture of this improved tellurion, but the inventor has thus far been engaged during his leisure moments in considering further improvements in the machine, and has not entertained any of these propositions. He now devotes his entire attention to the manufacturing of fine jewelry, and, in fact, is the only real manufacturer in his line in Luzerne county. Stephen D. Engle is universally recognized by his neighbors as an upright, honorable and kind-hearted man. No case of suffering or distress ever came to his knowledge without enlisting his sympathy, and to awaken his sympathy is to open his purse strings.

THOMAS ENGLISH, of Gorman & English, plumbers, etc., Wilkes-Barre, was born at Silver Lake, Susquehanna Co., Pa., January 3, 1846, a son of Thomas and Ellen (Sexton) English, who were among the early settlers of that county. The father of our subject was a farmer at Silver Lake, where he resided until the time of his death; he had a family of thirteen children, nine of whom grew to maturity. Our subject was reared in Susquehanna county until sixteen years of age. In 1862 he engaged with the Pennsylvania Gravity Co., in what is now Lackawanna county, where he remained until 1864. He enlisted in Company G, Two Hundred and Fourteenth Pennsylvania Volunteers for one year, and was discharged at the expiration of his time. He then returned to Susquehanna county and engaged in farming for three years, and in 1869 located in Pittston, this county, where he was employed as conductor by the Pennsylvania Coal Company on the Gravity Road, in which capacity he served up to 1885. In the fall of 1884 he was elected commissioner for Luzerne county, and re-elected in the fall of 1887, serving six years with credit to himself and his constituents. Since April, 1889, he has been a member of the firm of Gorman & English, plumbers, gas-fitters and dealers in stoves, ranges and boilers, Wilkes-Barre. On February 22, 1876, Mr. English married Mary F., daughter of Thomas and Mary Cotter, of Bradford county, Pa.; they have one son, Thomas F. Mrs. English died January 13, 1879. Mr. English is a member of the Catholic Church; he is one of the charter members of the W. G. Nugent Post No. 245, G. A. R., of Pittston; in politics he is a Democrat, and served as chairman of the county committee two years.

THOMAS ENGLISH, farmer, P. O. Carverton, was born, October 10, 1856, reared and educated in Wyoming. He is the son of James and Ellen (O'Neil) English, both of whom were born in Ireland, they emigrated to this country about 1842 and settled in Wyoming. By occupation James is a mason, and has plied his trade in the Valley with marked success. He is now a resident of Wyoming, and is sixty-five years of age. His family, by two marriages, consists of ten children, seven of whom are now living. Thomas is the third child by the first marriage. In early life he learned the plasterer's trade, at which he worked for fifteen years in various parts of the valley with the same success which attended his father. At the age of twenty he married, in October, 1876, Miss Callie, daughter of Dyer and Mary Bennett. They have four children: Edward, Jennie, Charles and Harry, all living.

HISTORY
OF
LUZERNE COUNTY,
PENNSYLVANIA,
WITH
BIOGRAPHICAL SELECTIONS.

"A stoic of the woods, a man without a tear."
—*Campbell's "Gertrude of Wyoming."*

H. C. BRADSBY, EDITOR.

ILLUSTRATED.

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