Bailey’s Illustrated and Useful Inventions  (Circa 1880)

Edited by
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The Book
This is a facsimile of a catalogue issued by W.H. Bailey. Its contents are fascinating covering a wide range of products from clocks to steam engines and hydraulic rams to fire escapes. For the turret clock student there are details of his clocks, for the steam engine follower there are valves, boilers and every type of fitting imaginable. Those following social history will find a wide range of artefacts that reflect the needs of the time.

W. H. Bailey & Co.
The company started as John Bailey & Co around 1839, in 1865 William Bailey took over the company on his father’s retirement. The company changed name in 1876 to W. H. Bailey & Co. The company name changed in 1889 to W. H. Bailey & Co Ltd. A knighthood was bestowed on William H. Bailey in 1894. William died in 1913 when the company name changed again, this time it was Sir W. H. Bailey & Co Ltd. The company became a subsidiary of Yorkshire Metals in 1966 and subsequently went through further name changes until in 1978 it became IMI Bailey Valves Ltd.

Date
W. H. Bailey published many editions of their catalogue and they can be found widely advertised in technical journals and books of the time. This version has got to be before 1889 when the company name changed to W. H. Bailey & Co. Ltd. Page 198 has an extract for the Engineer magazine June 1875. This gives a window between 1875 and 1889. In round numbers, the catalogue is likely to be cira 1880.

Book Details
Quarto size, the book is self-published by the editor / author. It runs to 380 pages and has thousands of line engravings. Perfect bound, the soft cover is in full colour and matte laminated.

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Bailey’s Products
These include… Absolute vacuum gauge, acid pumps, air compressors, alphabetical telegraph, American strap fasteners, automatic horse feeder, balloon escape valve, band sawing machine, bar gauge, barometers, beer engines, bellows, bells, belt glue, belts, bench cropper, bench dog, billiard marking board, biscuit machine, blast forge, blast gauge, blowing machine, boiler alarms, bone crusher, bottling machines, bread makers, brushes, buckets, burglar detectors, carbons, card tables, centrifugal pumps, chartometer, chucks, circular saw, citograph, cocks of all types, collier equipment, compound magnets, cone tubes, copying press, corking machines, cotter pins, cotton mill speed clocks, cotton mill speed recorder, cotton press, dies, differential pulleys , dining room clock, disintegrator, donkey engines, donkey pumps, double lip safety valves, drilling machines, egg boilers, ejectors, electric bells, electric bells, engine counter, engine house clock, engine indicators, epicycloidial pulley blocks, equilibrium valves, escape valve,
exhausters, expansion joints, files, filters, fire engines, fire escapes, fire hoses, fire pumps, fog bell, friction crane, fuel economisers, furnace bars, fusible plug, gas and water meters, gas fittings, gas fixtures, gas gauge, gas machine, gas meter indexes, gas valves, gauge glasses, governor for steam engines, grindstones, gun metal packing, gyrometer, gyrometric governors, hammers, hop presses, hoses, hot hearth, hydrants, hydraulic gauges, hydraulic motors, hydraulic organ blower, hydraulic rams, hydro extractor, injectors, junction valve, kegs, lard and tallow press, lathes, lead rope, Leclanche battery, lightning conductors, locomotive balance, locomotive whistles, low water alarms, lubricators, magnetising machine, managers’ clocks, mild steel, mitres, musical boxes, musical boxes, nail puller, oil cans, oil syringe, oil tester, oil testers, oxide plant, oxygen regulator, paint mills, pedometers, peet valves, peg clock, pipe wrenches, piston rings, plunger pumps, pressure gauges, pulley blocks, pyrometer, railway tools, rain water goods, Ramsbottom valve, ratchet drill, reducing valves, regulators, reservoir recorder, rigging screws, rotary blowers, safety belt shipper, safety valves, saw bench, screwing machine, screws, scroll saw, scumming apparatus, seaming machine, sediment separator, shears, signal bells, sluice valves, smoke preventor, speaking tubes, speed indicators, spindle indicator, spiral springs, spirit fountains, spirit levels, springs, starting valve, steam boiler fittings, steam boilers, steam dryer, steam jet pumps, steam joint cement, steam kettle, steam packing, steam pans, steam pumps, steam roaster, stench traps, stop cocks, stop valves, stoves, suet cups, sweep saw, sympathetic dials, tallow cups, taps, taps, telegraph equipment, telegraph instruments, tell-tale clock, terminals, test cocks, testing machines, thermometers, Thurston’s testing machine, tobacco cutter, tools, tube ferrule extractor, turnstiles, turret clocks, unions, universal disintegrator, vacuum gauges, valves for air escape, ventilators, vices, wagon oiling machine, washer cutter, watchman’s clock, watchman’s recorder, water filter, water gauge, water gauges, water recorders, well pumps, winding indicators, wire netting and many other items.