

YEAR	LAST	FIRST	TITLE	PATENT NUMBER	CITY	COUNTY
1880	Nelson	John	burial casket	228104	Burlington	Des Moines
1881	Foote	Mark	steam supply system	238778	Burlington	Des Moines
1883	VanSickle	George	tongueless cultivator	271164	Burlington	Des Moines
1885	Tibbles	Charles	sewing machine	328534	Burlington	Des Moines
1887	Miller	John	machine for cleaning wheat	366235	Burlington	Des Moines
1888	Peterson	James	rein guard for harness	376677	Burlington	Des Moines
1880	Muller	John	water motor	230564	Burlington	Des Moines
1880	Stocking	Lewis	apparatus for raising and lowering sashes	232313	Burlington	Des Moines
1880	Stevens	Lucious	grain grading and scouring apparatus	233297	Burlington	Des Moines
1880	Conrad	John	gate roller and hinge	233476	Burlington	Des Moines
1880	Ellery	William	coin purse	234009	Burlington	Des Moines
1880	Foote	Mark	steam and heat conducting pipe	234015	Burlington	Des Moines
1880	Sparks	Charles	car brake	224362	Burlington	Des Moines
1880	Sparks	Walter	car brake	224362	Burlington	Des Moines
1880	Hobbs	Joseph	churn	225832	Burlington	Des Moines
1880	Werner	John	attachment to corn planters	225899	Mediapolis	Des Moines
1880	Pettit	John	washing machine	228272	Burlington	Des Moines
1880	Gail	Daniel	machine for forming conical wire springs	228624	Burlington	Des Moines
1880	Hobbs	Joseph	driving gear for sieves, grain riddles, & c.	228758	Burlington	Des Moines
1881	Stenstrom	August	automatic car brake	238178	Burlington	Des Moines
1881	Nilson	August	automatic car brake	238178	Burlington	Des Moines
1881	Shinn	Milton	barb for wire fences	238447	Burlington	Des Moines
1881	McConaughy	Calvin	cultivator	238994	Burlington	Des Moines
1881	Van Sickle	George	cultivator	238994	Burlington	Des Moines
1881	McEntire	Richard	spring bed bottom	240743	Burlington	Des Moines
1881	McCosh	Thompson	road scraper	240834	Burlington	Des Moines

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1881	Fix	Lewis	grain conveyer belt	241340	Burlington	Des Moines
1881	Fix	Lewis	grain conveyer	241341	Burlington	Des Moines
1881	Anderson	Andrew	sash balance	244513	Burlington	Des Moines
1881	McEntire	Richard	vehicle pole attachment	245192	Burlington	Des Moines
1881	Barhydt	Mary	attachment for pants	245430	Burlington	Des Moines
1881	Stevens	Lucious	combined pneumatic elevator and grain separator	247277	Burlington	Des Moines
1881	Gurney	Joseph	gate roller and hinge	247498	Burlington	Des Moines
1881	Foote	Mark	furnace	247752	Burlington	Des Moines
1881	Ericson	Eric	force pump	249603	Burlington	Des Moines
1881	White	Wallace	apparatus for placing railway torpedoes	250179	Burlington	Des Moines
1882	Albright	John	horse collar fastening	258342	Yarmouth	Des Moines
1882	Griffin	Daniel	laundry heater	259132	Burlington	Des Moines
1882	Harrison	Henry	grain conveyer	259387	Burlington	Des Moines
1882	Metz	Adam	meat cutter	260595	Burlington	Des Moines
1882	McCosh	Thompson	reel for barbed fence wire	263555	Burlington	Des Moines
1882	McCosh	Thompson	barb wire lifter and carrier	264547	Burlington	Des Moines
1882	Foote	Mark	boiler furnace	264871	Burlington	Des Moines
1882	Hutchinson	Hedworth	burial casket	253708	Burlington	Des Moines
1882	Griffith	James	grain tally	254005	Flint River Township, Des Moines County	Des Moines
1883	Parish	Heber	grain separator and cleaner	287154	Burlington	Des Moines
1883	Neff	Joseph	cultivator spring	287703	Burlington	Des Moines
1883	Linder	William	device for attaching neckties	289670	Burlington	Des Moines
1883	McCosh	Thompson	machine for attaching wire barbs to fence wire	290595	Burlington	Des Moines
1883	Guest	James	desk	270895	Burlington	Des Moines
1883	Eisenbise	Harry	car brake	272241	Burlington	Des Moines
1883	Hamm	Adolph	car brake	272241	Burlington	Des Moines

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1883	Coulter	Joseph	school desk and seat	273260	Burlington	Des Moines
1883	Tibbles	Charles	sewing machine	274056	Burlington	Des Moines
1883	Tibbles	Charles	sewing machine	274057	Burlington	Des Moines
1883	Tibbles	Charles	treadle for sewing machines	274058	Burlington	Des Moines
1883	Guest	James	store shelving	274488	Burlington	Des Moines
1883	Tibbles	Charles	journal bearing	275292	Burlington	Des Moines
1883	Romkey	John	harrow	279437	Burlington	Des Moines
1883	Metz	Adam	meat cutter	281545	Burlington	Des Moines
1883	Foerster	Friedrich	reversible plow	283387	Burlington	Des Moines
1883	Romkey	Frank	harrow	286154	Burlington	Des Moines
1884	Schmidt	John	dovetailing machine	293097	Burlington	Des Moines
1884	Neff	Joseph	wheel	293498	Burlington	Des Moines
1884	Giffard	Falconor	cartridge decapper, recapper, and reloader	294865	Burlington	Des Moines
1884	Foote	Mark	method of and apparatus for steam heating	294982	Burlington	Des Moines
1884	Cameron	Robert	thill coupling	295348	Burlington	Des Moines
1884	Linder	William	necktie fastener	297275	Burlington	Des Moines
1884	Howard	Oliver	valve gear for steam engines	297997	Burlington	Des Moines
1884	Cook	Abner	letter box	298733	Burlington	Des Moines
1884	Neff	Jasper	footlift for riding cultivators	299157	Burlington	Des Moines
1884	Sheperd	William	traction engine	299427	Danville	Des Moines
1884	Stevens	Lucius	link for chain conveyers	299592	Burlington	Des Moines
1884	Henry	George	letter-box	301889	Burlington	Des Moines
1884	Neff	Joseph	cultivator	302580	Burlington	Des Moines
1884	Wiedemann	Martin	awning	302809	Burlington	Des Moines
1884	Moran	George	cheese knife	307568	Burlington	Des Moines
1884	Barnikel	Meikel	elevator and conveyor	310115	Burlington	Des Moines

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1885	Fowler	Jasper	harness check rein	315399	Burlington	Des Moines
1885	Pettit	John	washing machine	316821	Burlington	Des Moines
1885	Metcalf	John	grain shoveling mechanism	319988	Burlington	Des Moines
1885	Stevens	Lucious	grain cleaner	320013	Burlington	Des Moines
1885	Stevens	Lellie	grain cleaner	320013	Burlington	Des Moines
1885	Lyon	William	machine for swaging and jointing saws	321376	Burlington	Des Moines
1885	Parsons	George	machine for measuring and trimming fabrics	324155	Burlington	Des Moines
1885	Sigerson	Ambrose	key fastener	328725	Burlington	Des Moines
1885	Mercer	William	hub for vehicle wheels	329061	Burlington	Des Moines
1885	Bosch	Berthold	wagon brake	310174	Burlington	Des Moines
1886	Baird	William	picket fence	338818	Burlington	Des Moines
1886	Paisley	John	nut lock	338866	Burlington	Des Moines
1886	Neff	Joseph	stalk cutter	344850	Burlington	Des Moines
1886	Moran	George	cheese knife	346557	Burlington	Des Moines
1886	Cook	Abner	letter box	350041	Burlington	Des Moines
1886	Millard	Clifford	apparatus for painting shingles	350987	Burlington	Des Moines
1886	Weber	Otto	thimble	353389	Burlington	Des Moines
1886	McNeill	Solomon	cartridge decapper, recapper, and reloader	335231	Burlington	Des Moines
1886	Coulter	Joseph	school desk and seat	335508	Burlington	Des Moines
1886	Koch	George	seal lock	336925	Burlington	Des Moines
1886	Hale	Perley	pendent car elevator railway system	337149	Burlington	Des Moines
1887	Kemper	Ernest	stone saw	356136	Burlington	Des Moines
1887	Schmeiser	Henry	tongueless cultivator	357235	Burlington	Des Moines
1887	Bonnell	Jonathan	head rest	357305	Burlington	Des Moines
1887	Gilson	Dustin	head rest	357305	Burlington	Des Moines
1887	Smith	Peter	check rein for harness	357794	Burlington	Des Moines

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1887	Metcalf	John	grain spout	358052	Burlington	Des Moines
1887	Gabelman	Charles	meat cutting machine	359069	Burlington	Des Moines
1887	Baughen	Benjamin	stem winding and setting watch	359834	Burlington	Des Moines
1887	Gilson	Dustin	stop valve	360290	Burlington	Des Moines
1887	Neff	Joseph	harrow	361229	Burlington	Des Moines
1887	Albright	John	sweat pad fastener	362348	Burlington	Des Moines
1887	Kupper	Charles	stove drum	365391	Burlington	Des Moines
1887	Thompson	Amos	corn cutting mower and reaper attachment	365653	Burlington	Des Moines
1887	Johnson	John	fire escape ladder	366916	Burlington	Des Moines
1887	Bennett	George	fire escape ladder	366916	Burlington	Des Moines
1887	Renner	John	folding ironing stand and clothes rack combined	368238	Burlington	Des Moines
1887	Bennett	George	folding ironing board and stand	372356	Burlington	Des Moines
1887	Hassel	Richard	hame tug	374962	Burlington	Des Moines
1887	Wertz	John	adjustable support for wire mattresses	375432	Burlington	Des Moines
1888	Hay	Abraham	stack furnace for reducing ores	390964	Burlington	Des Moines
1888	Allen	Charles	horse collar	391872	Burlington	Des Moines
1888	Distelhorst	John	grating and slicing device	394759	Burlington	Des Moines
1888	Schott	Joseph	hame attachment	18345	Burlington	Des Moines
1888	Wundt	Charles	receptacle for file cases	380009	Burlington	Des Moines
1888	Neff	Joseph	plow	380658	Burlington	Des Moines
1888	Kupfer	Charles	hame tug	380903	Burlington	Des Moines
1888	Purdy	Hiram	reflector for electric lamps	381167	Burlington	Des Moines
1888	Schott	Joseph	hame tug	382058	Burlington	Des Moines
1888	Mahedy	James	regulating damper for cooking stoves, & c.	387091	Sperry	Des Moines
1888	West	Joel	car brake	387474	Burlington	Des Moines
1889	Hay	Abraham	sponge for reducing gold and silver and other ores	399527	Burlington	Des Moines

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1889	Hay	Abraham	manufacturing steel	399528	Burlington	Des Moines
1889	Hay	Abraham	reducing gold, silver, & c.	399529	Burlington	Des Moines
1889	Hay	Abraham	manufacture of iron	399611	Burlington	Des Moines
1889	Hay	Abraham	manufacture of steel	399612	Burlington	Des Moines
1889	Collins	Allen	air brake signal	400638	Burlington	Des Moines
1889	Collins	Allen	air brake signal	400639	Burlington	Des Moines
1889	Hassel	Richard	buckle	402591	Burlington	Des Moines
1889	Washburn	Robert	game	403012	Burlington	Des Moines
1889	Sampson	Truman	barbed wire fence gate	403219	Burlington	Des Moines
1889	Denise	Martha	clothes line attachment	403332	Burlington	Des Moines
1889	Albright	John	neck yoke center	406250	Burlington	Des Moines
1889	Clark	Charles	type writing machine	414494	Burlington	Des Moines
1890	Henry	George	foam for carbonated beverages	419671	Burlington	Des Moines
1890	Baughman	Jacob	adjustable pattern plate for garments	422282	Burlington	Des Moines
1890	Schick	Charles	hame tug	427619	Burlington	Des Moines
1890	Baughman	Melvina	chart for drafting garments	430059	Burlington	Des Moines
1890	Baughman	Jacob	chart for drafting garments	430059	Burlington	Des Moines
1890	Bulmer	Robinson	swinging and sliding gate hinge	430618	Burlington	Des Moines
1890	Holmes	S.	steam boiler furnace	430955	Burlington	Des Moines
1890	Sieben	Henry	steam boiler furnace	430955	Burlington	Des Moines
1890	Conrod	John	smoke consumer	432018	Burlington	Des Moines
1890	Lee	William	sled brake	436312	Mediapolis	Des Moines
1890	Henry	George	preparing carbonated beverages	436782	Burlington	Des Moines
1890	Kemper	Ernest	stone saw	439247	Burlington	Des Moines
1891	Sheargren	John	meat chopping machine	445823	Burlington	Des Moines
1891	Tritz	Joseph	rocking meat cutter	449451	Burlington	Des Moines

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1891	Weis	Henry	cell case	452115	Burlington	Des Moines
1891	Williams	Frank	saw mill feed	456456	Burlington	Des Moines
1891	Tinkham	George	smoke consuming furnace	460189	Burlington	Des Moines
1891	Henry	George	cash register and indicator	465020	Burlington	Des Moines
1891	Ewinger	William	water heater	466006	Burlington	Des Moines
1892	Hult	John	wire fence gate	475867	Burlington	Des Moines
1892	Sheargren	John	meat chopping machine	478647	Burlington	Des Moines
1892	Bennett	George	combined scrubbing and sweeping machine	479616	Burlington	Des Moines
1892	Pettibone	John	receipt and collection report book	480623	Burlington	Des Moines
1892	Austin	John	corner for boxes	486844	Burlington	Des Moines
1892	Tritz	Joseph	meat mixing machine	488098	Burlington	Des Moines
1892	Haas	Ernst	saddle	472993	Burlington	Des Moines
1893	Miller	August	wash boiler	490208	Burlington	Des Moines
1893	Miller	August	hot air pipe	490579	Burlington	Des Moines
1893	Lyon	William	woodworking machine	506919	Burlington	Des Moines
1893	Warren	John	hardware drawer	510744	Burlington	Des Moines
1893	Warren	John	show case counter	22963	Burlington	Des Moines
1894	Hall	Isaac	combined water heater and range	523277	Mediapolis	Des Moines
1894	Brown	John	flush lounge hinge	526019	Burlington	Des Moines
1894	Harris	James	gate	526312	Burlington	Des Moines
1894	Alexander	Theophilus	oil or gasoline can	526338	Burlington	Des Moines
1895	Greehy	Patrick	water tube boiler	538253	Burlington	Des Moines
1895	Keehn	Joseph	leaf creasing clamp	538520	Burlington	Des Moines
1895	Baughman	Jacob	down spout filter	540940	Burlington	Des Moines
1895	Korten	Henry	steam boiler furnace	543739	Burlington	Des Moines
1895	McNeil	Solomon	cartridge loading implement	545811	Burlington	Des Moines

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1895	Denise	Obadiah	cartridge loading implement	545811	Burlington	Des Moines
1896	Alexander	Theophilus	oil or gasolene can	566723	Burlington	Des Moines
1896	Alexander	Theophilus	soap slabbing and cutting machine	567438	Burlington	Des Moines
1896	Miller	Thomas	bicycle	570179	Burlington	Des Moines
1896	Foote	Mark	steam boiler	552754	Burlington	Des Moines
1896	Wolf	Hermann	measuring machine	564132	Burlington	Des Moines
1897	Dodge	William	label holder	574789	Burlington	Des Moines
1897	Alexander	Theophilus	dispensing can	576018	Burlington	Des Moines
1897	Alexander	Theophilus	dispensing can	577477	Burlington	Des Moines
1897	Alexander	Theophilus	adjustable window shade	583352	Burlington	Des Moines
1897	Ramp	Joseph	molding apparatus	583941	Burlington	Des Moines
1897	Hart	Alvan	rod connection for wrist plates	584351	Burlington	Des Moines
1897	Miller	Thomas	bicycle brake	587104	Burlington	Des Moines
1897	Alexander	Theophilus	extension step ladder	589326	Burlington	Des Moines
1897	Catlin	Horace	clothes line holder	591795	Burlington	Des Moines
1897	Wiedemann	Martin	awning	593147	Burlington	Des Moines
1897	Danner	Washington	carpet fastener	593201	Burlington	Des Moines
1897	Dodge	William	paper scale	593927	Burlington	Des Moines
1897	Hall	Lincoln	bicycle brake	594947	Burlington	Des Moines
1898	Baird	William	device for swaging gold plate for crown or bridge work	600604	Burlington	Des Moines
1898	Dodge	William	gaem apparatus	607020	Burlington	Des Moines
1898	Goldthwaite	Warren	attachment for punches	608256	Burlington	Des Moines
1898	Ohrt	John	gas engine	608298	Burlington	Des Moines
1898	Rice	Abram	milking hopple	609833	Danville	Des Moines
1898	Armstrong	Barnet	wagon tongue support	616050	Burlington	Des Moines
1899	Bresser	Gotlieb	horseshoe	639143	Burlington	Des Moines

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1899	Cameron	Henry	receptacle used in constructing graves	639210	Burlington	Des Moines
1899	Akerberg	Olof	ship	639334	Burlington	Des Moines
1899	Rinkel	John	tenoning machine	639772	Burlington	Des Moines
1899	Erskine	Wightman	head for clothes racks	31937	Burlington	Des Moines
1899	Cameron	Henry	grave cover	616894	Burlington	Des Moines
1899	Dodge	William	combination attachment for pencils, penholders & c.	617149	Burlington	Des Moines
1899	Hall	Lincoln	combination ladder	623540	Burlington	Des Moines
1899	Tritz	Joseph	measuring and display cabinet	624406	Burlington	Des Moines
1899	Baird	William	artificial teeth	626779	Burlington	Des Moines
1899	Morgan	Thomas	wire fence stay	631936	Burlington	Des Moines
1899	Morgan	Alfred	wire fence stay	631936	Burlington	Des Moines
1899	Miller	August	ventilating system	632582	Burlington	Des Moines
1899	Frick	Rudolph	grater for nutmegs & c.	633188	Burlington	Des Moines