

YEAR	LAST	FIRST	TITLE	PATENT NUMBER	CITY	COUNTY
1851	Gillespie	G.	combined cultivator plow, axle	8348	Burlington	Des Moines
1853	Fletcher	John	stove radiator	9745	Burlington	Des Moines
1855	Wentworth	Luther	lathe for turning fancy handles	12224	Burlington	Des Moines
1856	Parker	Ephraim	machine for making clothes pin	14110	Burlington	Des Moines
1857	Woodward	John	smut machine	18484	Burlington	Des Moines
1857	Burhaus	Denzlow	pasteboard & c. cutting machine	17723	Burlington	Des Moines
1858	Goldsmith	Henry	churn	20878	Burlington	Des Moines
1858	Stafford	Charles	churn	22093	Burlington	Des Moines
1858	Woodward	J.	smut machine	22395	Burlington	Des Moines
1859	Waldin	Gustave	watch makers lathe chuck	23050	Burlington	Des Moines
1859	Jordan	G.	separator for smut machines	24126	Burlington	Des Moines
1859	Wertz	John	machine for boring post in the earth	24682	Middletown	Des Moines
1859	Garside	Thomas	portable field fence	24930	Danville	Des Moines
1861	Shafer	Jasper	grain winnower	33009	Burlington	Des Moines
1867	Kretchner	Edward	beehive	67123	Pleasant Grove	Des Moines
1860	Rankin	Isaac	plow	28407	Middletown	Des Moines
1860	Power	John	broom or brush	29099	Middletown	Des Moines
1860	Stafford	Charles	mole plow	29201	Burlington	Des Moines
1860	Mertz	Bernhard	harvesting machine	29985	Burlington	Des Moines
1860	Wentworth	Luther	water elevator	30848	Burlington	Des Moines
1861	Harrison	M.	mode of applying the bolster in railway car trucks	33739	Burlington	Des Moines
1863	Stafford	Charles	projectile for ordnance	37557	Burlington	Des Moines
1863	Hall	Albert	revolving fire arm	37961	Danville	Des Moines
1863	Stafford	Charles	sabot for projectile	39179	Burlington	Des Moines
1863	Stafford	Charles	projectile	39180	Burlington	Des Moines
1863	Brand	William	dish heater	39459	Burlington	Des Moines
1863	Hall	Albert	metallic cartridge	39915	Danville	Des Moines
1863	Phillips	Isaac	smut machine	40639	Burlington	Des Moines
1864	Boyers	H.	beehive	43564	Danville	Des Moines
1864	Carey	Ebenezer	car coupling	43734	Burlington	Des Moines

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1865	Bolthoff	H.	gold and silver amalgamator	46632	Burlington	Des Moines
1865	Heaton	S.	sorghum evaporator	48397	Kingston	Des Moines
1865	Hutchinson	William	trace trimmer	49110	Burlington	Des Moines
1865	Ware	Hiram	mode of manufacturing halter	49939	Burlington	Des Moines
1866	Snyder	Jasper	printer's gallery	51877	Burlington	Des Moines
1866	Cary	Ebenezer	car coupling	53215	Burlington	Des Moines
1866	Cissna	Charles	buckle	54504	Burlington	Des Moines
1866	Branagan	William	lard boiler	59350	Burlington	Des Moines
1866	Kretchner	Edward	beehive	59614	Pleasant Grove	Des Moines
1866	Hay	Abraham	preventing incrustations in steam boilers	59768	Burlington	Des Moines
1866	Hay	Abraham	preventing incrustation of sugar or other boilers	59910	Burlington	Des Moines
1866	Branagen	William	steam generator	59952	Burlington	Des Moines
1867	Waite	John	telegraph insulator	70052	Burlington	Des Moines
1867	Courser	Thomas	washing machine	70170	Burlington	Des Moines
1867	Branagen	William	steam generator	60991	Burlington	Des Moines
1868	Portlock	Warren	floor clamp	74128	Pleasant Grove	Des Moines
1868	Wolf	Robert	dovetailing machine	75506	Burlington	Des Moines
1868	Branagen	William	steam generator	79544	Burlington	Des Moines
1868	West	Andrew	bed bottom	83809	Burlington	Des Moines
1869	Matlock	Jasper	hand seed sower	86563	Augusta	Des Moines
1869	Tallant	J.	railway rail	97832	Burlington	Des Moines
1869	Newlove	Matthew	brick mold	98181	Burlington	Des Moines
1869	Osgood	O.	bed bottom	98401	Burlington	Des Moines
1869	Scholer	Jacob	wine and cider press	90053	Burlington	Des Moines
1869	Thielsen	H.	railway car truck	90795	Burlington	Des Moines
1869	Jones	F.	collar and home combined	92534	Burlington	Des Moines
1869	Clark	William	car coupling	93055	Burlington	Des Moines
1869	Washburne	R.	scroll sawing machine	94678	Burlington	Des Moines
1870	Burhaus	Denslow	machine for making match splints	106319	Burlington	Des Moines
1870	Osgood	Otis	bed bottom	106954	Burlington	Des Moines

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1870	Purdy	Hiram	ageing alcoholic liquor	108388	Burlington	Des Moines
1870	Freeman	Safford	bed bottom	108470	Burlington	Des Moines
1870	Taylor	William	grain register	110605	Burlington	Des Moines
1870	Foster	Lionel	thatch roof	99304	Burlington	Des Moines
1870	Parsons	Albion	spool thread case	101909	Burlington	Des Moines
1871	Bennett	George	wagon brake	119736	Burlington	Des Moines
1871	Stott	John	rotary engine	119797	Burlington	Des Moines
1871	Faning	John	horse collar	120732	Burlington	Des Moines
1871	Legler	Friederich	cultivator	120732	Burlington	Des Moines
1871	Tallant	Julius	rotary steam valve	121018	Burlington	Des Moines
1871	Walker	John	bed bottom	121437	Burlington	Des Moines
1871	Lapish	William	bed bottom	121437	Burlington	Des Moines
1871	Osgood	Otis	bed bottom	114704	Burlington	Des Moines
1871	Burhans	Denslow	match box	115430	Burlington	Des Moines
1871	Cowles	James	sash holder	116162	Burlington	Des Moines
1871	Mann	Robert	method of constructing sieves	117790	Burlington	Des Moines
1872	Bartlett	Samuel	sad iron handle	122696	Burlington	Des Moines
1872	Mann	Robert	construction of sieves	122728	Burlington	Des Moines
1872	Power	John	bed bottom	123046	Burlington	Des Moines
1872	Clark	Commodore	corn crib	125021	Pleasant Grove	Des Moines
1872	Washburn	Robert	egg holder	129632	Burlington	Des Moines
1872	Mann	Robert	machine for forming metallic sieve bodies	130512	Burlington	Des Moines
1872	Mann	Robert	stamp for forming metallic sieve bodies	130513	Burlington	Des Moines
1872	Mann	Robert	metallic sieve	130514	Burlington	Des Moines
1872	Purdy	Hiram	manufacture of spirits	130743	Burlington	Des Moines
1872	Mann	Robert	metallic sieve	131764	Burlington	Des Moines
1872	McMaken	Joseph	portable fence	132916	Middletown	Des Moines
1872	Hay	Abraham	manufacturing of iron, steel, & c.	133098	Burlington	Des Moines
1872	Hay	Abraham	reduction of ores, & c.	133099	Burlington	Des Moines
1872	Delfer	Frank	wrench	133422	Burlington	Des Moines

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1872	Giebrich	George	liquid cooler and ice water stand	133979	Burlington	Des Moines
1873	Delfer	Frank	nut	134649	Burlington	Des Moines
1873	Smith	Alexander	steam and air brake	134774	Burlington	Des Moines
1873	Ogden	Henry	steam and air brakes	134774	Burlington	Des Moines
1873	Bonnell	John	blank book	135760	Burlington	Des Moines
1873	Mann	Robert	metallic sieve	135925	Burlington	Des Moines
1873	Mann	Robert	metallic sieve	135926	Burlington	Des Moines
1873	Jonas	Fredrick	adjustable bit	137373	Burlington	Des Moines
1873	Chalender	George	coach and car truss	143498	Burlington	Des Moines
1873	Jonas	Frederick	hub boring machine	144618	Burlington	Des Moines
1874	Peters	Daniel	sausage stuffer	148322	Burlington	Des Moines
1874	Foote	Mark	flux for reducing ores	148556	Burlington	Des Moines
1874	Buffington	Moses	wheelwright's machine	149984	Burlington	Des Moines
1874	Forney	James	hollow auger	149985	Burlington	Des Moines
1874	Buffington	Moses	hollow auger	149985	Burlington	Des Moines
1874	Buffington	Moses	wheelwright's machine	149986	Burlington	Des Moines
1874	Forney	James	wheelwrights machine	149986	Burlington	Des Moines
1874	Delfer	Frank	wrench	150301	Burlington	Des Moines
1874	Affleck	John	middlings purifier	150503	Burlington	Des Moines
1874	Peters	Daniel	clamp box	150709	Burlington	Des Moines
1874	Purdy	Hiram	stock car	152408	Burlington	Des Moines
1874	Purdy	Hiram	door for grain cars	152410	Burlington	Des Moines
1874	VanSickle	G.	cultivators	153404	Burlington	Des Moines
1874	McConaughy	C.	cultivators	153404	Burlington	Des Moines
1874	Bartlett	Samuel	lard presses	153926	Burlington	Des Moines
1874	Peters	Daniel	meat choppers	154078	Burlington	Des Moines
1874	Buffington	M.	wheelwright's machines	154171	Burlington	Des Moines
1874	Delfer	F.	ditching machines	155184	Burlington	Des Moines
1874	Buffington	M.	wheelwright's machines	155220	Burlington	Des Moines
1874	Hay	Abraham	manufacture of iron and working and welding of steel	156220	Burlington	Des Moines

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1875	Peters	Daniel	meat chopper	6236	Burlington	Des Moines
1875	Peters	Daniel	meat chopper	6237	Burlington	Des Moines
1875	McEntire	Richard	sofa bedstead	167680	Burlington	Des Moines
1875	Hobbs	Joseph	tire shrinking machine	167835	Northfield	Des Moines
1875	Wells	Harvey	automatic cistern cut off	168361	Burlington	Des Moines
1875	Reilly	Patrick	locomotive smoke stack	169039	Burlington	Des Moines
1875	Dorr	Russell	clothes and hat rack	158476	Burlington	Des Moines
1875	Foote	Mark	converting iron into steel	159402	Burlington	Des Moines
1875	Henry	Greenbury	converting iron into steel	159402	Burlington	Des Moines
1875	Roland	Thomas	ironing table	160236	Burlington	Des Moines
1875	Planck	Elija	steam brake	161677	Burlington	Des Moines
1875	Fouts	Thomas	steam brake	161677	Burlington	Des Moines
1876	Purdy	Hiram	heat extracting apparatus	176445	Burlington	Des Moines
1876	Smith	Pierce	dental cotton holder	181736	Burlington	Des Moines
1876	Purdy	Hiram	steam boiler	181867	Burlington	Des Moines
1876	Mahedy	James	book cover protector	181956	Sperry	Des Moines
1876	Talbot	Lorenzo	clothes drier	182042	Mediapolis	Des Moines
1876	Wheeler	Charles	machinery for crimping the uppers for boots and shoes	182978	Burlington	Des Moines
1876	Hobbs	Joseph	trace carrier	183263	Mediapolis	Des Moines
1876	Scott	Andrew	car axle bearing	183292	Burlington	Des Moines
1876	Stevens	Lucious	grain grader and scourer	183339	Burlington	Des Moines
1876	Brand	William	combined music stand and walking cane	185425	Burlington	Des Moines
1876	Baird	William	vehicle seat spring	171757	Burlington	Des Moines
1876	Sikes	Edwin	car axle box	172186	Burlington	Des Moines
1876	Purdy	Hiram	art of odorating pure spirits	173494	Burlington	Des Moines
1876	Delfer	Frank	ditching machine	175275	Burlington	Des Moines
1876	Smith	Pierce	dental rubber dam punch	175505	Burlington	Des Moines
1876	Affleck	John	middlings purifier	7023	Burlington	Des Moines
1877	Kline	Charles	laying drain tile	188149	Dodgeville	Des Moines
1877	McEntire	Richard	ironing table	188161	Burlington	Des Moines

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1877	Monfort	Oscar	flat iron heater	190237	Burlington	Des Moines
1877	Wells	Harvey	sad iron	191908	Burlington	Des Moines
1877	Buffington	Moses	vehicle hub	191926	Burlington	Des Moines
1877	Purdy	Hiram	fruit jar	192453	Burlington	Des Moines
1877	Weider	Jacob	churn	193902	Burlington	Des Moines
1877	Weider	John	churn	193902	Burlington	Des Moines
1877	Cochran	Richard	insole for boots and shoes	194184	Burlington	Des Moines
1877	Smith	Pierce	insole for boots and shoes	194184	Burlington	Des Moines
1877	Purdy	Hiram	fruit jar	194617	Burlington	Des Moines
1877	Schippert	Simon	combined graduated measure and funnel	195846	Burlington	Des Moines
1877	Scholl	John	trace carrier for harness	195847	Burlington	Des Moines
1877	Scholl	John	harness saddle tree	195848	Burlington	Des Moines
1877	Wertz	John	car coupling	198173	Burlington	Des Moines
1877	Frame	Thomas	car ventilator	198290	Burlington	Des Moines
1877	Dawson	Noble	phonetic and diacritical notation	198507	Burlington	Des Moines
1878	Baird	William	churn	207935	Burlington	Des Moines
1878	Koehler	Louis	ditching plow	208103	Burlington	Des Moines
1878	Avery	Henry	transplanter	208703	Burlington	Des Moines
1878	Baird	William	rotary churn	208783	Burlington	Des Moines
1878	Burhans	Augustus	advertising merchandise car	210595	Burlington	Des Moines
1878	Hess	Benjamin	revolving churn	200531	Burlington	Des Moines
1878	Conrad	John	heater for sad irons	201995	Burlington	Des Moines
1878	Mahedy	James	sled propeller	205196	Sperry	Des Moines
1879	Hobbs	Joseph	weather board gage	221732	Burlington	Des Moines
1879	Hobbs	Joseph	combined square and bevel	222354	Burlington	Des Moines
1879	Wallace	James	pen	222847	Burlington	Des Moines
1879	Nelson	John	burial casket	212565	Burlington	Des Moines
1879	Hobbs	Joseph	bevel	213987	Mediapolis	Des Moines
1879	Hobbs	Joseph	sand sifting machine	214040	Mediapolis	Des Moines
1879	Webster	Milo	loose pulley	215188	Burlington	Des Moines

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1879	Crumpton	Thomas	gate	216726	Burlington	Des Moines
1879	Muller	John	hemmer for sewing machine	217545	Burlington	Des Moines
1879	Werner	John	corn planter	218800	Mediapolis	Des Moines
1879	Muller	John	washing machine	218825	Burlington	Des Moines
1879	Craw	William	feed water heater	218859	Burlington	Des Moines
1879	Hobbs	Joseph	trace carrier	220837	Burlington	Des Moines