

LIST OF PREMIUMS

To be awarded by the Deseret Agricultural and Manufacturing Society, at the fourteenth exhibition, commencing October 1st, 1879, in Salt Lake City.

CLASS J.—MINERALS.

Supervisory Committee—A. M. Musser.

DIVISION I.

- A.—Best collection of gold and silver-bearing ores and metallic minerals, gold medal.
B.—Best collection of iron ores, and other useful metals, such as copper, zinc, etc., with specimens of crude metal obtained therefrom, Diploma or silver medal.

DIVISION II.

- Best collection of minerals and rocks useful in the ornamental and mechanical arts: A—Sculpture materials: as marbles, alabasters, rough-hewn and polished; scagliolas and artificial stones of local manufacture. B—Pigments, ochres and mineral paints. C—Kaolins, clays; terra cotta, siliceous sands and glass-making material; fire brick and furnace materials, crucibles, etc. D—Lithographic stones, slates in slabs and finished materials, grindstones, hones, emery and polishing materials, crude manufactured, diploma or silver medal.

DIVISION III.

- Best collection of minerals useful in agriculture and chemistry, including sulphur, sulphates of the metals and alums in variety; sal ammoniac, rock salt, saleratus and other useful salts; marls, phosphates and other fertilizers, diploma or silver medal.

DIVISION IV.

- A.—Best collection of coal and cokes and fluxes used in metallurgical operations, etc., bronze medal.
B.—Best collection of specimens of oil rocks, with crude oils and products therefrom; paraffine, mineral wax (Utah-cerite), etc., diploma.

CLASS K.—CARRIAGES, FARMING IMPLEMENTS, ETC.

Supervisory Committee—Henry Dinwoodey.

- Best carriage, gold medal.
" buggy, diploma.
" wagon, diploma.
" plow, silver medal.
" harrow, bronze medal.
" field roller, "
" drill and irrigator, bronze medal.
" horse cultivator, bronze medal.
" potatoe digger, "
" horse rake, "
" hay fork, \$1.
" manure fork, \$1.
" set of garden tools, \$2.
" ox yoke, \$1.
" ladder, \$1.
" cheese press, \$3.
" churn, \$1.
" washing machine, \$3.

CLASS L.—CIVIL AND MECHANICAL ENGINEERING.

Supervisory Committee—Wm. J. Silver.

- Best executed plans, sections, etc., of mine, diploma.
Best topographical map, with profile of railroad, diploma.
Best design of wooden bridge, 100 feet span or over, diploma.
Best design of cast iron bridge, 100 feet span or over, diploma.
Best design of wrought iron bridge, riveted, 100 feet span or over, diploma.
Best design of wrought iron bridge, pin connected, 100 feet span or over, diploma.
Best executed drawing of civil engineering work, silver medal.
Best executed drawing of machinery, silver medal.
Best executed drawing of buildings, silver medal.
Best isometrical projection, silver medal.
Best construction drawing for ship or boat, silver medal.
Best set working drawings for shop use, silver medal.
Best sectional model of mine workings, silver medal.
Best stationary steam engine, not less than five horse power, gold medal.
Best portable engine and boiler,

- Best saw mill, diploma.
Best turning lathe (hand), silver medal.
Best turning lathe, slide and screw cutting, diploma.
Best planer (iron), diploma.
Best drilling machine, silver medal.
Best line shafting, diploma.
Best pulleys for shafting, silver medal.
Best hangers, bronze medal.
Best couplings, silver medal.
Best spur and bevel gearing, \$3.
Best run of mill stones, with iron work, diploma.
Best fire engine, diploma.
Best molasses mill, diploma.
Best threshing machine, diploma.
Best mill for grinding ores, diploma.
Best ore pulverizer or disintegrator, diploma.
Best ore sampling machine, diploma.
Best mining car, \$3.
Best set cast iron water jackets, silver medal.
Best slag pot, \$2.
Best surface plate, \$3.
Best hoisting works, diploma.
Best set of grate bars, \$3.
Best fan blower, silver medal.
Best steam general service pump, diploma.
Best steam tank pump, diploma.
Best steam fire pump, diploma.
Best steam mining pump, diploma.
Best steam feed pump, diploma.
Best hand pump, \$2.
Best hydraulic ram, \$3.
Best water wheel for irrigation, \$5.
Best railroad switch, silver medal.
Best railroad turntable, silver medal.
Best railroad traverser, silver medal.
Best shoes and dies, silver medal.
Best general display of machinery, gold medal.
Best stone dressing machine, gold medal.
Best stone sawing machine, diploma.
Best vertical boiler, diploma.
Best locomotive boiler, diploma.
Best return tubular boiler, diploma.
Best flue boiler, diploma.
Best specimen of boiler flanging, silver medal.
Best specimen of tube welding, silver medal.
Best specimen of angle iron work, silver medal.
Best wrought iron water jackets, diploma.
Best specimen of pig iron, silver medal.
Best assortment of files, \$5.
Best assortment of files recut, \$2.
Best assortment of pump leathers, \$2.
Best drawing instruments \$2.
" spectacles, \$2.
" assortment of chains, \$3.
" artificial limb, \$5.
" feed cutter, \$2.
" silk reel, \$2.
" wine or cider press, \$3.
" hay press, \$3.
" cheese press, \$3.
" sail boat, diploma.
Best row boat, \$5.
" punt boat, \$3.
" model of ship or boat, \$3.
" mangle, bronze medal.
" rollers for leather, bronze medal.
Best mortise machine, silver medal.
" slotting machine, diploma.
" traveling crane, diploma.
" traversing crane, diploma.
" flue sheet cutter, bronze medal.
Best brick making machine silver medal.
Best plate bending rollers, silver medal.
Best screw jack, bronze medal.
" Oliver, bronze medal.
" speed indicator, bronze medal.
" steam gauge, bronze medal.
" set of indicator diagrams, with calculations of horse power, bronze medal.
Best roller for crushing grain and feed, bronze medal.

- Best saw mill, diploma.
Best turning lathe (hand), silver medal.
Best turning lathe, slide and screw cutting, diploma.
Best planer (iron), diploma.
Best drilling machine, silver medal.
Best line shafting, diploma.
Best pulleys for shafting, silver medal.
Best hangers, bronze medal.
Best couplings, silver medal.
Best spur and bevel gearing, \$3.
Best run of mill stones, with iron work, diploma.
Best fire engine, diploma.
Best molasses mill, diploma.
Best threshing machine, diploma.
Best mill for grinding ores, diploma.
Best ore pulverizer or disintegrator, diploma.
Best ore sampling machine, diploma.
Best mining car, \$3.
Best set cast iron water jackets, silver medal.
Best slag pot, \$2.
Best surface plate, \$3.
Best hoisting works, diploma.
Best set of grate bars, \$3.
Best fan blower, silver medal.
Best steam general service pump, diploma.
Best steam tank pump, diploma.
Best steam fire pump, diploma.
Best steam mining pump, diploma.
Best steam feed pump, diploma.
Best hand pump, \$2.
Best hydraulic ram, \$3.
Best water wheel for irrigation, \$5.
Best railroad switch, silver medal.
Best railroad turntable, silver medal.
Best railroad traverser, silver medal.
Best shoes and dies, silver medal.
Best general display of machinery, gold medal.
Best stone dressing machine, gold medal.
Best stone sawing machine, diploma.
Best vertical boiler, diploma.
Best locomotive boiler, diploma.
Best return tubular boiler, diploma.
Best flue boiler, diploma.
Best specimen of boiler flanging, silver medal.
Best specimen of tube welding, silver medal.
Best specimen of angle iron work, silver medal.
Best wrought iron water jackets, diploma.
Best specimen of pig iron, silver medal.
Best assortment of files, \$5.
Best assortment of files recut, \$2.
Best assortment of pump leathers, \$2.
Best drawing instruments \$2.
" spectacles, \$2.
" assortment of chains, \$3.
" artificial limb, \$5.
" feed cutter, \$2.
" silk reel, \$2.
" wine or cider press, \$3.
" hay press, \$3.
" cheese press, \$3.
" sail boat, diploma.
Best row boat, \$5.
" punt boat, \$3.
" model of ship or boat, \$3.
" mangle, bronze medal.
" rollers for leather, bronze medal.
Best mortise machine, silver medal.
" slotting machine, diploma.
" traveling crane, diploma.
" traversing crane, diploma.
" flue sheet cutter, bronze medal.
Best brick making machine silver medal.
Best plate bending rollers, silver medal.
Best screw jack, bronze medal.
" Oliver, bronze medal.
" speed indicator, bronze medal.
" steam gauge, bronze medal.
" set of indicator diagrams, with calculations of horse power, bronze medal.
Best roller for crushing grain and feed, bronze medal.

- Best saw mill, diploma.
Best turning lathe (hand), silver medal.
Best turning lathe, slide and screw cutting, diploma.
Best planer (iron), diploma.
Best drilling machine, silver medal.
Best line shafting, diploma.
Best pulleys for shafting, silver medal.
Best hangers, bronze medal.
Best couplings, silver medal.
Best spur and bevel gearing, \$3.
Best run of mill stones, with iron work, diploma.
Best fire engine, diploma.
Best molasses mill, diploma.
Best threshing machine, diploma.
Best mill for grinding ores, diploma.
Best ore pulverizer or disintegrator, diploma.
Best ore sampling machine, diploma.
Best mining car, \$3.
Best set cast iron water jackets, silver medal.
Best slag pot, \$2.
Best surface plate, \$3.
Best hoisting works, diploma.
Best set of grate bars, \$3.
Best fan blower, silver medal.
Best steam general service pump, diploma.
Best steam tank pump, diploma.
Best steam fire pump, diploma.
Best steam mining pump, diploma.
Best steam feed pump, diploma.
Best hand pump, \$2.
Best hydraulic ram, \$3.
Best water wheel for irrigation, \$5.
Best railroad switch, silver medal.
Best railroad turntable, silver medal.
Best railroad traverser, silver medal.
Best shoes and dies, silver medal.
Best general display of machinery, gold medal.
Best stone dressing machine, gold medal.
Best stone sawing machine, diploma.
Best vertical boiler, diploma.
Best locomotive boiler, diploma.
Best return tubular boiler, diploma.
Best flue boiler, diploma.
Best specimen of boiler flanging, silver medal.
Best specimen of tube welding, silver medal.
Best specimen of angle iron work, silver medal.
Best wrought iron water jackets, diploma.
Best specimen of pig iron, silver medal.
Best assortment of files, \$5.
Best assortment of files recut, \$2.
Best assortment of pump leathers, \$2.
Best drawing instruments \$2.
" spectacles, \$2.
" assortment of chains, \$3.
" artificial limb, \$5.
" feed cutter, \$2.
" silk reel, \$2.
" wine or cider press, \$3.
" hay press, \$3.
" cheese press, \$3.
" sail boat, diploma.
Best row boat, \$5.
" punt boat, \$3.
" model of ship or boat, \$3.
" mangle, bronze medal.
" rollers for leather, bronze medal.
Best mortise machine, silver medal.
" slotting machine, diploma.
" traveling crane, diploma.
" traversing crane, diploma.
" flue sheet cutter, bronze medal.
Best brick making machine silver medal.
Best plate bending rollers, silver medal.
Best screw jack, bronze medal.
" Oliver, bronze medal.
" speed indicator, bronze medal.
" steam gauge, bronze medal.
" set of indicator diagrams, with calculations of horse power, bronze medal.
Best roller for crushing grain and feed, bronze medal.

- Best saw mill, diploma.
Best turning lathe (hand), silver medal.
Best turning lathe, slide and screw cutting, diploma.
Best planer (iron), diploma.
Best drilling machine, silver medal.
Best line shafting, diploma.
Best pulleys for shafting, silver medal.
Best hangers, bronze medal.
Best couplings, silver medal.
Best spur and bevel gearing, \$3.
Best run of mill stones, with iron work, diploma.
Best fire engine, diploma.
Best molasses mill, diploma.
Best threshing machine, diploma.
Best mill for grinding ores, diploma.
Best ore pulverizer or disintegrator, diploma.
Best ore sampling machine, diploma.
Best mining car, \$3.
Best set cast iron water jackets, silver medal.
Best slag pot, \$2.
Best surface plate, \$3.
Best hoisting works, diploma.
Best set of grate bars, \$3.
Best fan blower, silver medal.
Best steam general service pump, diploma.
Best steam tank pump, diploma.
Best steam fire pump, diploma.
Best steam mining pump, diploma.
Best steam feed pump, diploma.
Best hand pump, \$2.
Best hydraulic ram, \$3.
Best water wheel for irrigation, \$5.
Best railroad switch, silver medal.
Best railroad turntable, silver medal.
Best railroad traverser, silver medal.
Best shoes and dies, silver medal.
Best general display of machinery, gold medal.
Best stone dressing machine, gold medal.
Best stone sawing machine, diploma.
Best vertical boiler, diploma.
Best locomotive boiler, diploma.
Best return tubular boiler, diploma.
Best flue boiler, diploma.
Best specimen of boiler flanging, silver medal.
Best specimen of tube welding, silver medal.
Best specimen of angle iron work, silver medal.
Best wrought iron water jackets, diploma.
Best specimen of pig iron, silver medal.
Best assortment of files, \$5.
Best assortment of files recut, \$2.
Best assortment of pump leathers, \$2.
Best drawing instruments \$2.
" spectacles, \$2.
" assortment of chains, \$3.
" artificial limb, \$5.
" feed cutter, \$2.
" silk reel, \$2.
" wine or cider press, \$3.
" hay press, \$3.
" cheese press, \$3.
" sail boat, diploma.
Best row boat, \$5.
" punt boat, \$3.
" model of ship or boat, \$3.
" mangle, bronze medal.
" rollers for leather, bronze medal.
Best mortise machine, silver medal.
" slotting machine, diploma.
" traveling crane, diploma.
" traversing crane, diploma.
" flue sheet cutter, bronze medal.
Best brick making machine silver medal.
Best plate bending rollers, silver medal.
Best screw jack, bronze medal.
" Oliver, bronze medal.
" speed indicator, bronze medal.
" steam gauge, bronze medal.
" set of indicator diagrams, with calculations of horse power, bronze medal.
Best roller for crushing grain and feed, bronze medal.

- Best saw mill, diploma.
Best turning lathe (hand), silver medal.
Best turning lathe, slide and screw cutting, diploma.
Best planer (iron), diploma.
Best drilling machine, silver medal.
Best line shafting, diploma.
Best pulleys for shafting, silver medal.
Best hangers, bronze medal.
Best couplings, silver medal.
Best spur and bevel gearing, \$3.
Best run of mill stones, with iron work, diploma.
Best fire engine, diploma.
Best molasses mill, diploma.
Best threshing machine, diploma.
Best mill for grinding ores, diploma.
Best ore pulverizer or disintegrator, diploma.
Best ore sampling machine, diploma.
Best mining car, \$3.
Best set cast iron water jackets, silver medal.
Best slag pot, \$2.
Best surface plate, \$3.
Best hoisting works, diploma.
Best set of grate bars, \$3.
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Best hand pump, \$2.
Best hydraulic ram, \$3.
Best water wheel for irrigation, \$5.
Best railroad switch, silver medal.
Best railroad turntable, silver medal.
Best railroad traverser, silver medal.
Best shoes and dies, silver medal.
Best general display of machinery, gold medal.
Best stone dressing machine, gold medal.
Best stone sawing machine, diploma.
Best vertical boiler, diploma.
Best locomotive boiler, diploma.
Best return tubular boiler, diploma.
Best flue boiler, diploma.
Best specimen of boiler flanging, silver medal.
Best specimen of tube welding, silver medal.
Best specimen of angle iron work, silver medal.
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" artificial limb, \$5.
" feed cutter, \$2.
" silk reel, \$2.
" wine or cider press, \$3.
" hay press, \$3.
" cheese press, \$3.
" sail boat, diploma.
Best row boat, \$5.
" punt boat, \$3.
" model of ship or boat, \$3.
" mangle, bronze medal.
" rollers for leather, bronze medal.
Best mortise machine, silver medal.
" slotting machine, diploma.
" traveling crane, diploma.
" traversing crane, diploma.
" flue sheet cutter, bronze medal.
Best brick making machine silver medal.
Best plate bending rollers, silver medal.
Best screw jack, bronze medal.
" Oliver, bronze medal.
" speed indicator, bronze medal.
" steam gauge, bronze medal.
" set of indicator diagrams, with calculations of horse power, bronze medal.
Best roller for crushing grain and feed, bronze medal.

- Best saw mill, diploma.
Best turning lathe (hand), silver medal.
Best turning lathe, slide and screw cutting, diploma.
Best planer (iron), diploma.
Best drilling machine, silver medal.
Best line shafting, diploma.
Best pulleys for shafting, silver medal.
Best hangers, bronze medal.
Best couplings, silver medal.
Best spur and bevel gearing, \$3.
Best run of mill stones, with iron work, diploma.
Best fire engine, diploma.
Best molasses mill, diploma.
Best threshing machine, diploma.
Best mill for grinding ores, diploma.
Best ore pulverizer or disintegrator, diploma.
Best ore sampling machine, diploma.
Best mining car, \$3.
Best set cast iron water jackets, silver medal.
Best slag pot, \$2.
Best surface plate, \$3.
Best hoisting works, diploma.
Best set of grate bars, \$3.
Best fan blower, silver medal.
Best steam general service pump, diploma.
Best steam tank pump, diploma.
Best steam fire pump, diploma.
Best steam mining pump, diploma.
Best steam feed pump, diploma.
Best hand pump, \$2.
Best hydraulic ram, \$3.
Best water wheel for irrigation, \$5.
Best railroad switch, silver medal.
Best railroad turntable, silver medal.
Best railroad traverser, silver medal.
Best shoes and dies, silver medal.
Best general display of machinery, gold medal.
Best stone dressing machine, gold medal.
Best stone sawing machine, diploma.
Best vertical boiler, diploma.
Best locomotive boiler, diploma.
Best return tubular boiler, diploma.
Best flue boiler, diploma.
Best specimen of boiler flanging, silver medal.
Best specimen of tube welding, silver medal.
Best specimen of angle iron work, silver medal.
Best wrought iron water jackets, diploma.
Best specimen of pig iron, silver medal.
Best assortment of files, \$5.
Best assortment of files recut, \$2.
Best assortment of pump leathers, \$2.
Best drawing instruments \$2.
" spectacles, \$2.
" assortment of chains, \$3.
" artificial limb, \$5.
" feed cutter, \$2.
" silk reel, \$2.
" wine or cider press, \$3.
" hay press, \$3.
" cheese press, \$3.
" sail boat, diploma.
Best row boat, \$5.
" punt boat, \$3.
" model of ship or boat, \$3.
" mangle, bronze medal.
" rollers for leather, bronze medal.
Best mortise machine, silver medal.
" slotting machine, diploma.
" traveling crane, diploma.
" traversing crane, diploma.
" flue sheet cutter, bronze medal.
Best brick making machine silver medal.
Best plate bending rollers, silver medal.
Best screw jack, bronze medal.
" Oliver, bronze medal.
" speed indicator, bronze medal.
" steam gauge, bronze medal.
" set of indicator diagrams, with calculations of horse power, bronze medal.
Best roller for crushing grain and feed, bronze medal.

- Best saw mill, diploma.
Best turning lathe (hand), silver medal.
Best turning lathe, slide and screw cutting, diploma.
Best planer (iron), diploma.
Best drilling machine, silver medal.
Best line shafting, diploma.
Best pulleys for shafting, silver medal.
Best hangers, bronze medal.
Best couplings, silver medal.
Best spur and bevel gearing, \$3.
Best run of mill stones, with iron work, diploma.
Best fire engine, diploma.
Best molasses mill, diploma.
Best threshing machine, diploma.
Best mill for grinding ores, diploma.
Best ore pulverizer or disintegrator, diploma.
Best ore sampling machine, diploma.
Best mining car, \$3.
Best set cast iron water jackets, silver medal.
Best slag pot, \$2.
Best surface plate, \$3.
Best hoisting works, diploma.
Best set of grate bars, \$3.
Best fan blower, silver medal.
Best steam general service pump, diploma.
Best steam tank pump, diploma.
Best steam fire pump, diploma.
Best steam mining pump, diploma.
Best steam feed pump, diploma.
Best hand pump, \$2.
Best hydraulic ram, \$3.
Best water wheel for irrigation, \$5.
Best railroad switch, silver medal.
Best railroad turntable, silver medal.
Best railroad traverser, silver medal.
Best shoes and dies, silver medal.
Best general display of machinery, gold medal.
Best stone dressing machine, gold medal.
Best stone sawing machine, diploma.
Best vertical boiler, diploma.
Best locomotive boiler, diploma.
Best return tubular boiler, diploma.
Best flue boiler, diploma.
Best specimen of boiler flanging, silver medal.
Best specimen of tube welding, silver medal.
Best specimen of angle iron work, silver medal.
Best wrought iron water jackets, diploma.
Best specimen of pig iron, silver medal.
Best assortment of files, \$5.
Best assortment of files recut, \$2.
Best assortment of pump leathers, \$2.
Best drawing instruments \$2.
" spectacles, \$2.
" assortment of chains, \$3.
" artificial limb, \$5.
" feed cutter, \$2.
" silk reel, \$2.
" wine or cider press, \$3.
" hay press, \$3.
" cheese press, \$3.
" sail boat, diploma.
Best row boat, \$5.
" punt boat, \$3.
" model of ship or boat, \$3.
" mangle, bronze medal.
" rollers for leather, bronze medal.
Best mortise machine, silver medal.
" slotting machine, diploma.
" traveling crane, diploma.
" traversing crane, diploma.
" flue sheet cutter, bronze medal.
Best brick making machine silver medal.
Best plate bending rollers, silver medal.
Best screw jack, bronze medal.
" Oliver, bronze medal.
" speed indicator, bronze medal.
" steam gauge, bronze medal.
" set of indicator diagrams, with calculations of horse power, bronze medal.
Best roller for crushing grain and feed, bronze medal.

- Best saw mill, diploma.
Best turning lathe (hand), silver medal.
Best turning lathe, slide and screw cutting, diploma.
Best planer (iron), diploma.
Best drilling machine, silver medal.
Best line shafting, diploma.
Best pulleys for shafting, silver medal.
Best hangers, bronze medal.
Best couplings, silver medal.
Best spur and bevel gearing, \$3.
Best run of mill stones, with iron work, diploma.
Best fire engine, diploma.
Best molasses mill, diploma.
Best threshing machine, diploma.
Best mill for grinding ores, diploma.
Best ore pulverizer or disintegrator, diploma.
Best ore sampling machine, diploma.
Best mining car, \$3.
Best set cast iron water jackets, silver medal.
Best slag pot, \$2.
Best surface plate, \$3.
Best hoisting works, diploma.
Best set of grate bars, \$3.
Best fan blower, silver medal.
Best steam general service pump, diploma.
Best steam tank pump, diploma.
Best steam fire pump, diploma.
Best steam mining pump, diploma.
Best steam feed pump, diploma.
Best hand pump, \$2.
Best hydraulic ram, \$3.
Best water wheel for irrigation, \$5.
Best railroad switch, silver medal.
Best railroad turntable, silver medal.
Best railroad traverser, silver medal.
Best shoes and dies, silver medal.
Best general display of machinery, gold medal.
Best stone dressing machine, gold medal.
Best stone sawing machine, diploma.
Best vertical boiler, diploma.
Best locomotive boiler, diploma.
Best return tubular boiler, diploma.
Best flue boiler, diploma.
Best specimen of boiler flanging, silver medal.
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Best specimen of pig iron, silver medal.
Best assortment of files, \$5.
Best assortment of files recut, \$2.
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Best drawing instruments \$2.
" spectacles, \$2.
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" silk reel, \$2.
" wine or cider press, \$3.
" hay press, \$3.
" cheese press, \$3.
" sail boat, diploma.
Best row boat, \$5.
" punt boat, \$3.
" model of ship or boat, \$3.
" mangle, bronze medal.
" rollers for leather, bronze medal.
Best mortise machine, silver medal.
" slotting machine, diploma.
" traveling crane, diploma.
" traversing crane, diploma.
" flue sheet cutter, bronze medal.
Best brick making machine silver medal.
Best plate bending rollers, silver medal.
Best screw jack, bronze medal.
" Oliver, bronze medal.
" speed indicator, bronze medal.
" steam gauge, bronze medal.
" set of indicator diagrams, with calculations of horse power, bronze medal.
Best roller for crushing grain and feed, bronze medal.

- Best saw mill, diploma.
Best turning lathe (hand), silver medal.
Best turning lathe, slide and screw cutting, diploma.
Best planer (iron), diploma.
Best drilling machine, silver medal.
Best line shafting, diploma.
Best pulleys for shafting, silver medal.
Best hangers, bronze medal.
Best couplings, silver medal.
Best spur and bevel gearing, \$3.
Best run of mill stones, with iron work, diploma.
Best fire engine, diploma.
Best molasses mill, diploma.
Best threshing machine, diploma.
Best mill for grinding ores, diploma.
Best ore pulverizer or disintegrator, diploma.
Best ore sampling machine, diploma.
Best mining car, \$3.
Best set cast iron water jackets, silver medal.
Best slag pot, \$2.
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Best specimen of pig iron, silver medal.
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" spectacles, \$2.
" assortment of chains, \$3.
" artificial limb, \$5.
" feed cutter, \$2.
" silk reel, \$2.
" wine or cider press, \$3.
" hay press, \$3.
" cheese press, \$3.
" sail boat, diploma.
Best row boat, \$5.
" punt boat, \$3.
" model of ship or boat, \$3.
" mangle, bronze medal.
" rollers for leather, bronze medal.
Best mortise machine, silver medal.
" slotting machine, diploma.
" traveling crane, diploma.
" traversing crane, diploma.
" flue sheet cutter, bronze medal.
Best brick making machine silver medal.
Best plate bending rollers, silver medal.
Best screw jack, bronze medal.
" Oliver, bronze medal.
" speed indicator, bronze medal.
" steam gauge, bronze medal.
" set of indicator diagrams, with calculations of horse power, bronze medal.
Best roller for crushing grain and feed, bronze medal.

- Best saw mill, diploma.
Best turning lathe (hand), silver medal.
Best turning lathe, slide and screw cutting, diploma.
Best planer (iron), diploma.
Best drilling machine, silver medal.
Best line shafting, diploma.
Best pulleys for shafting, silver medal.
Best hangers, bronze medal.
Best couplings, silver medal.
Best spur and bevel gearing, \$3.
Best run of mill stones, with iron work, diploma.
Best fire engine, diploma.
Best molasses mill, diploma.
Best threshing machine, diploma.
Best mill for grinding ores, diploma.
Best ore pulverizer or disintegrator, diploma.
Best ore sampling machine, diploma.
Best mining car, \$3.
Best set cast iron water jackets, silver medal.
Best slag pot, \$2.
Best surface plate, \$3.
Best hoisting works, diploma.
Best set of grate bars, \$3.
Best fan blower, silver medal.
Best steam general service pump, diploma.
Best steam tank pump, diploma.
Best steam fire pump, diploma.
Best steam mining pump, diploma.
Best steam feed pump, diploma.
Best hand pump, \$2.
Best hydraulic ram, \$3.
Best water wheel for irrigation, \$5.
Best railroad switch, silver medal.
Best railroad turntable, silver medal.
Best railroad traverser, silver medal.
Best shoes and dies, silver medal.
Best general display of machinery, gold medal.
Best stone dressing machine, gold medal.
Best stone sawing machine, diploma.
Best vertical boiler, diploma.
Best locomotive boiler, diploma.
Best return tubular boiler, diploma.
Best flue boiler, diploma.
Best specimen of boiler flanging, silver medal.
Best specimen of tube welding, silver medal.
Best specimen of angle iron work, silver medal.
Best wrought iron water jackets, diploma.
Best specimen of pig iron, silver medal.
Best assortment of files, \$5.
Best assortment of files recut, \$2.
Best assortment of pump leathers, \$2.
Best drawing instruments \$2.
" spectacles, \$2.
" assortment of chains, \$3.
" artificial limb, \$5.
" feed cutter, \$2.
" silk reel, \$2.
" wine or cider press, \$3.
" hay press, \$3.
" cheese press, \$3.
" sail boat, diploma.
Best row boat, \$5.
" punt boat, \$3.
" model of ship or boat, \$3.
" mangle, bronze medal.
" rollers for leather, bronze medal.
Best mortise machine, silver medal.
" slotting machine, diploma.
" traveling crane, diploma.
" traversing crane, diploma.
" flue sheet cutter, bronze medal.
Best brick making machine silver medal.
Best plate bending rollers, silver medal.
Best screw jack, bronze medal.
" Oliver, bronze medal.
" speed indicator, bronze medal.
" steam gauge, bronze medal.
" set of indicator diagrams, with calculations of horse power, bronze medal.
Best roller for crushing grain and feed, bronze medal.

- Best two sides of upper leather (cowhide), bronze medal.
Best two sides of black grain, bronze medal.
Best two kip skins, bronze medal.
" calf skins, "
" morocco skins, bronze medal.
Best two sides of harness leather, bronze medal.
Best two sides of bridle leather, bronze medal.
Best two sides of skirting leather, bronze medal.
Best saddle, \$2.
Best set of light harness, \$2.
Best set of heavy harness, \$2.
Best set single harness, \$2.
Best bridle, \$1.
Best set shoemaker's tools, \$3.
Best one pound of shoe thread, \$2.
Best specimen of shoe polish, harness dressing and water dressing, diploma.
Best pair gent's fine boots, \$2.
Best " " shoes, \$1.
Best " " coarse shoes, \$1.
Best " " boots, \$1.
Best pair ladies' fur lined boots, \$1.
" " shoes, \$1.
Best specimen of whip, \$1.

- Best assortment of ladies', gents', and children's common sense boots and shoes, silver medal.
Best assortment of fine boots and shoes, diploma.
Best specimen of writing, copying and boot edge ink, diploma.

CLASS N.—DOMESTIC DRY GOODS.

Supervisory Committee—Henry Dinwoodey.

- Best collection, consisting of not less than ten pieces (assorted) woolen and other cloths, gold medal.
Best one piece of colored flannel, \$3.
Best one piece white flannel, \$3.
" " " jeans, \$3.
" " " white linsey, \$3.
" " " colored linsey, \$3.
" " " kersey, \$3.
" " " tweed, \$3.
" " " cassimere, \$3.
Best one pair of white blankets, \$3.
" one pair of colored " " \$3.
" woolen carpet, \$3.
" rag carpet, \$3.
" dye on any cloth, regardless of texture, \$3.
Best five bunches of cotton yarn, bronze medal.
Best piece of cotton cloth, \$3.
" " " linen diaper, \$3.
" " " cotton diaper, \$3.
" " " cottonade, \$3.
" " " toweling, \$3.
" coverlet, \$3.
" hearth rug, \$3.
" woolen shawl, \$4.
" piece of linen shirting, bronze medal.
Best piece of cotton shirting (check) \$4.
Best one pound of cotton thread, bronze medal.

CLASS O.—CLOTHING, HATS AND CAPS.

Supervisory Committee—Henry Dinwoodey.

- Best suit gent's clothing, from domestic goods, diploma.
Best specimen gent's felt hat, silver medal.
Best half dozen cloth caps, bronze medal.
Best set of furs, diploma.
" fur muff, bronze medal.
" fur cape, bronze medal.
" fur victorine, \$3.
" fur collar, \$3.

CLASS P.—FURNITURE.

Supervisory Committee—Henry Dinwoodey.

- Best set parlor furniture, gold medal.
Best set bedroom furniture, silver medal.
Best bureau, bronze medal.
" sofa, \$3.
" bedstead, bronze medal.
" dining extension table, \$3.
" sideboard, bronze medal.
" meat safe, \$3.
" six dining chairs, \$3.
" centre table, bronze medal.
" book case, silver medal.
" office desk, bronze medal.
" six office chairs, bronze medal.
Best set common school furniture or desks, silver medal.
Best specimen of wood turning, \$3.
" French polish, \$3.
" wood carving, bronze medal.

CLASS Q.—FINE ARTS, ETC.

Supervisory Committee—A. M. Musser.

DIVISION I—PAINTING, DRAWING, ETC.

- Best historical painting, gold medal.
Second best historical painting, silver medal.
Best landscape painting (Utah scenery), silver medal.
Second best landscape painting, (Utah scenery) bronze medal.
Best portrait in oil, silver medal.
Second best portrait in oil, bronze medal.
Best original water color painting, silver medal.
Second best original water color painting, bronze medal.
Best original pencil drawing, bronze medal.
Second best original pencil drawing, \$1 50.
Best specimen of calligraphy or penmanship, bronze medal.
Best imitations of woods or marbles, not less than six specimens, bronze medal.
Second best imitations of woods and marbles, not less than six specimens, \$1 50.
Best sign or ornamental painting, on wood or canvas, bronze medal.
Second best sign and ornamental painting, on wood or canvas, \$1 50.
Best transparent window shade painting, bronze medal.
Best silk banner or flag, bronze medal.
Second best silk banner or flag, \$1 50.

DIVISION II—PHOTOGRAPHY.

- Best display of portrait and landscape photographs, gold medal.
Second best display of portrait and landscape photographs, silver medal.
Best colored photograph, bronze medal.
Best photograph in India ink, diploma.

DIVISION III—ENGRAVING.

- Best display of engravings on steel or copper plate, such as bank notes, bill heads, etc., silver medal.
Second best display of engravings on steel or copper plate, such as bank notes, bill heads, etc., bronze medal.
Best engraving on silver plate, ornamental and lettering, six specimens or more, silver medal.
Second best engraving on silver plate, ornamental and lettering, six specimens or more, bronze medal.
Best engraving on wood, bronze medal.
Best seal engraving and die sinking, silver medal.
Second best seal engraving and die sinking, bronze medal.

DIVISION IV—PRINTING, BOOK-BINDING, PAPER, TYPE, ETC.

- Best display of tabular, colored and plain printing, silver medal.
Best set of bound blank journal, ledger and cash book, not under medium size, silver medal.
Second best set of bound blank journal, ledger and cash book, not under medium size, bronze medal.
Best display of ruling, \$1.
" ream of writing, printing and wrapping paper, fifty pasteboards, 1,000 assorted envelopes, 1,000 assorted paper bags, silver medal.
Best specimen of assorted type, bronze medal.
Best specimen of stereotyped plates, silver medal.
Best specimen of lithography, silver medal.

DIVISION V—MISCELLANEOUS.

- Best gold watch, gold medal.
Second best gold watch, silver medal.
Best silver watch, silver medal.
" nickel watch, bronze medal.
" eight-day clock, silver medal.
Second best eight-day clock, bronze medal.
Best one day clock, bronze medal.
" display of jewelry, silver medal.

The Mormon Question.

We extract the following from an editorial in the DESERET NEWS of August 6th:

The Washington Star quotes at length from our articles of the 7th inst. on the numerous cases of infanticide, the increase of divorces, and other social horrors and irregularities in Christian cities, and closes its comments on the subject with these words:

"It is rather rough to be lectured way upon morality and civilization by Mormons but there is some truth in it and it should be accepted as a warning from whatever quarter it may come. We ask the Star,