

NEW BOOKS, ETC.

DIE FLUGMASCHINEN. Theorie und Praxis. Berechnung der Drachenflieger und Schraubenflieger. Von Georg Wellner, Maschineningenieur, Hofrat, Professor i. R. Mit 100 Abbildungen und 2 Tafeln. Vienna: A. Hartleben, 1909.

The author of this book has had about thirty years' experience in the solving of aerodynamic problems. As a general rule, aeronautical works are either entirely practical or purely theoretical; in other words, they either simply describe machines that have been actually constructed, or else set forth with the aid of complex mathematical formulæ the theoretical problems involved in aerial flight.

A HISTORY OF NEW YORK SHIPYARDS. By John H. Morrison, author of "A History of American Steam Navigation." New York: William F. Sametz & Co. 8vo.; 165 pp.; 20 ill. Price, \$2.50 net.

The name of John H. Morrison as the author of anything connected with the history of shipping, particularly in New York city and vicinity, is a synonym of great accuracy and thoroughness of research; and these qualities are evident in the compact work before us. In his "History of American Steam Navigation" Mr. Morrison has given the public a very exhaustive summary of the ships built and their subsequent performances.

INVENTIONS, PATENTS, AND DESIGNS, BY G. CROYDON MARKS. New York: D. Van Nostrand Company, 1909. 16mo.; 116 pp. Price, \$1.

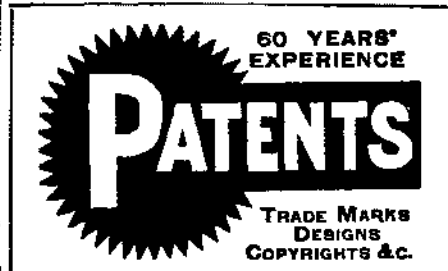
In this book Mr. Marks has printed in full the British Patents and Designs Acts of 1907, and has in connection therewith devoted many pages to a popular discussion of the questions which patent solicitors are continually required to answer.

A GUIDE TO THE COUNTRY HOME. By Edward Kneeland Parkinson. New York: The Outing Publishing Company, 1909. 12mo.; 156 pp. Price, \$1.

This well-printed little book deals with Choosing the Home; Winter Planning; Tools, Their Cost and Use; What Shall We Raise; Live Stock—the Horse; Cows, Their Cost and Care; Swine, the Curing of Hams and Bacon;

Fowls, Their Care, Cost, and Price; Crops and How to Plant Them; the Orchard; the Market Garden; the Kitchen Garden; Bees; Trees, Lawns, and Shrubbery, and the Harvest. The illustrations are printed on wood-cut paper and are inserted.

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INDEX OF INVENTIONS

For which Letters Patent of the United States were issued for the Week Ending October 5, 1909,

AND EACH BEARING THAT DATE [See note at end of list about copies of these patents.]

Table listing inventions with patent numbers, including: Adding machine, R. L. Burd; Adjustable stand, T. L. Bacon; Advertising device, T. Kharas; Aerial railway, Dahlin & Carlson; Aeroplane, A. W. Reinhold; Air compressor, F. W. Gardner; Air ship, A. E. G. Lubke; Alloy and its production, A. J. Essel; Annealing or other like apparatus, W. R. Klinebar; Annunciator, electric, A. J. Smith; Automobile protector, D. F. Armstrong; Axes combined wedge and balancing weight for, G. W. Wallace; Bag filling and sealing machine, W. Rullison; Bag folding machine, T. M. Avery; Bait, artificial, F. O. Howe; Baling press, J. W. Burckett; Balls of cast metal, making hollow, A. Casey; Bank note tester, J. Cohen; Barbers' chairs, paper server for, C. Pfanschmidt; Bathing suit, H. O. Netz; Baths, machine for dipping articles into fluid, Dill & Marsh; Bearing for vertical shafts, ball, S. S. Evedland; Bearing, roller slide, J. M. Coleman; Bed, folding, J. P. Meuland; Bed, folding, like G. M. Porter; Blasting cartridge, T. Turton; Bleaching, cleansing, and sizing compound, S. A. Flower; Block, see Twyer block; Block signaling system, electric, Meschenmoser & Kinsman; Boat paddle, C. C. Richardson; Bookkin, E. Case; Bolster, A. Nison; Bolster, H. F. Pope; Book, duplicate sales, E. K. Bottle; Book, triplicating, H. P. Brown; Boot and shoe machinery, jack, Evans & Taylor; Boring machine feed mechanism, A. Frey; Bottle and other receptacle, milk, C. Martinson; Bottle cap, non-refillable, W. F. A. Boyens; Bottle capping machine, milk, D. S. Yard; Bottle closure, W. R. Warner; Bottle, non-refillable, J. G. B. Bloomer; Bottles, case for vacuum or other, N. Goldberg; Bottling machine, rotary, A. A. Pindstoffe; Box, J. J. Mitchell; Box fastener, S. Whitehall; Bracket, E. E. Walden; Brake attachment, automobile, J. H. Reifsyder; Brake equalizer, W. G. Ransom; Brake hanger, W. S. Adams; Brake shoe adjuster, O. S. McCurdy; Brush, electric, Bacon & Meller; Brush holder, S. Nelson; Bucket and lid holder, sap, A. L. Milks; Buckle, L. L. Thomas; Building construction, studding clip for, M. Rittler; Cabinet for dispensing toilet paper, A. H. Scott; Cake coating machine, Harton & Crelier; Calipers, O. F. Olson; Can opener, C. B. Riggs; Caoutchouc, gutta percha, and similar substances, apparatus for washing, F. Kempter; Car body bolster, H. F. Pope; Car coupling, W. S. Schroeder; Car door, D. S. Bailey; Car fender, A. J. Thornley; Car, freight, R. V. Sage; Car, passenger, F. H. Lincoln; Car, passenger, H. Rowntree; Car, railway, E. A. Barber; Car, railway, C. L. Schwartz; Car replacer, Heath & Howard; Car seat, railway, Smith & Sanford; Car turnstile, Fulton & Smith; Car wheel, W. A. Church; Car wheel aligning means, A. G. Olson; Carbonator, L. W. Silberschmidt; Carbureter, W. K. Bawford; Carbureter, W. C. Westaway; Carburer, G. T. Glover; Card attaching device, F. E. Morrill; Card exhibitor, Kilmier & Hennig; Card fillet tightener, A. A. Cole; Carpet cleaner, sanitary, A. J. Meler; Cash register, E. S. Church; Cash register, W. H. Muzzy; Cash register and money changer, combined, C. Grimm; Casket, A. Malinovsky; Cattle guard, D. A. Prendergast; Center tube stem machine, W. N. Packer; Chair and couch, combined, C. L. Pudrith; Chair attachment, M. A. McClelland; Churn, E. A. Franklin; Churn stand and power, W. M. Bates, et al.; Cigar perforator, E. F. Hall; Cigarette machine, S. Palmowsky; Cigarette tubes, making, G. Nast; Clamp, J. H. Umpleby; Clasp, P. M. Mackaskie; Claw bar, M. Waters; Cleat joint, S. Whitehall; Clock, geographical, J. B. Olinger; Clock, nickel alarm, E. E. Stockton; Clothes line attachment, J. H. Thomas; Clothes pounder, L. E. Van Landingham; Clothes rack, folding, E. M. Blanck; Clutch, H. Grimm; Clutch, friction, H. E. Henricke; Clutch, friction, C. Tuckfield; Clutch mechanism, V. J. Emery; Coal separator, N. Mowery; Comb rack, A. Vance; Compound gasoline engine, L. C. Burton; Compressor, W. H. Miller; Concrete mixer, M. J. Demorest; Concrete mixing machine, F. McNamara; Concrete molding machine, F. Krause; Concrete the molding machine, D. Fuhrer; Condenser, F. J. Newton; Conveyor, gravity, L. D. Logan; Conveying apparatus, Adkins & Lewis; Cooking apparatus, H. A. Winterknight; Cooking utensil cover, W. H. Ostrander; Coop and nest, chicken, H. G. Pantou; Cord clamp, F. Walter; Core oven, J. J. Johnson; Corset, L. Dziedzic; Cottage construction, collapsible, T. Cosgrove; Cotton chopper, E. J. King; Coupling, see Car coupling; Crankless engine or motor, D. H. Reimers; Crate, D. F. Payne; Crates and the like, packing appliances for, M. L. R. Edmunds; Cultivator, C. W. Michael; Culvert, metal, O. A. Haas; Cushion edge support, F. H. Hampton; Cut-off and filter for rain spouts, automatic, W. S. Bare; Cutting blanks, E. Z. Taylor; Dam for producing power and regulating the flow of water in streams, F. Fiedler; Delivering measured quantities of material, apparatus for, W. Rullison; Dental or surgical chair, G. Holtz; Directory for commercial buildings and apartment houses, E. V. Stoddard; Dish washing machine, M. Curran; Dispensing receptacle, H. A. Tellerson; Display and packing case, garment, F. C. Bodeu; Display rack, F. E. Bewyer; Distilling apparatus, water, W. H. Shephard; Dividers, J. M. King; Dome head cutting machine, J. H. Ames; Door fastener, N. W. Reid; Door fastener, sliding, E. H. Turcott; Dry operating means, sliding, A. Krause; Draft controlling means and other devices, mechanism for operating, F. J. Wolf; Draft regulating apparatus, Mailloux & Westover; Draft regulator, H. D. Frymire, Jr.; Draining device, A. Thompson; Drill cup cleaner, L. D. Whitney; Dryer, heater, E. S. Lincoln; Dust duct, U. Joedicke; Dye and making, galocyanin, W. Lommel; Dye and making some, galocyanin, W. Lommel; Dye, azo, P. Volkmann; Dye, making red azo, E. Ulrichs; Dye, vat, J. Delnet; Dye, vat, P. Thomaschewski; Dye, vat, W. M. Schmitt; Dye, yellow azo, F. Volkmann; Eaves protector, E. P. Ruckle; Eccentrics, shifting, U. Tremblay; Electric furnace, W. A. Smith; Electric heater, Rankin & Harwood; Electrc flight cords or cables, adjuster for, T. A. Parker; Electric machine, alternating current dynamo, A. E. Hoffmann; Electric switch and outlet box, A. H. Kling; Electrical oscillations, receiving system for, Quack & Woude; Electrolytic apparatus, I. L. Roberts; Elevator safety appliance, electric, C. S. Gilbert; Elevator shafts, false rail for, M. Brown; Embalming apparatus, J. E. Coppola; End gate, O. B. Reynolds; Engine or motor, E. B. Parkhurst; Engines, combined charging and feeding device for gasoline, L. W. Witry; Envelop, G. S. Bauer; Excavator, J. P. Kerr; Excavator, W. O. Stark; Excavator, W. H. Nero; Fastener, separable, J. E. & F. W. McConnell; Feed cutter, W. Thurman; Feed grinder, Hobart & Reuling; Feed roll, F. T. McDonough; Feed water heater, J. H. Streich; Feed water regulator, Given & Fogg; Feeding apparatus, A. E. Hoffmann; Fence or other inclosure, A. Josler; Fence, post, J. H. Senstrom; Fences or reinforcing fabrics, joint for wire, J. F. Gilliland; Finger bar and guard, J. Weigel; Finger exercising device, C. F. Steckelberg; Finger head, H. G. & J. H. Frappier; Fire escape, W. E. Turner; Fire escape, C. A. Sturm; Fire extinguishing device, R. Brown; Firearm, automatic, T. Martin; Fishing apparatus, J. F. & J. F. Woessly; Floor dressing machine, Johnson & Long; Flushing apparatus, G. Coenen; Fly excluder and weather strip, combination, A. B. Clay; Flying machines, emergency apparatus for controlling, J. Means; Folding box, E. Seegmiller; Folding fender, automatic, W. J. Hickey; Folding machine, G. J. Dormandy; Folding table, F. W. Gent; Foot supporter, C. E. Passage; Fuel and gas from peat, apparatus for producing, W. L. Shepard; Fuel regulation system, H. Kemp; Fuel treating composition, E. H. Ellis; Fuel separator, O. Zerkowitz; Furnace, see Electric furnace; Furnace, A. G. Ingalls; Furnace terminal, electric, E. C. Spelden; Furnaces, fuel feeder for, E. T. Winkler; Furniture coverings, attachment for holding, M. Douglas; Fuse, electrical, A. G. Fay; Fused and solid terminal, reversible, Conway & Bising; Game apparatus, J. Grundy; Game apparatus, S. W. Taylor; Garbage receptacle, G. A. Mauler; Gas apparatus, J. F. Beals; Gas, apparatus for the manufacture of, Morgan & Bensley; Gas burner, acetylene, A. Bray; Gas burners at given hours, device for lighting and extinguishing, E. de Gonnevitch

Table listing inventions with patent numbers, including: Gas cut-off, automatic, R. F. Ainsworth; Gas main, Moore & Glazier; Gas mantles, manufacture of incandescent, A. Simonini; Gaseous fluid compressor, D. E. Haire; Gate, C. B. Garwood; Gate, C. C. Miller; Gate, V. E. Stairs; Gear wheels, manufacture of, F. A. Brun; Gearing, H. Wolke; Gearing, reversing, C. R. Alsop; Glass fastener, window, C. W. Phinny; Glass forming machinery, W. W. W. Keyes; Glass heating and drawing furnace, U. House; Granular materials, apparatus for screening, sizing, and classifying, C. A. Pringle; Grape picking device, G. F. Morse; Grinder, sausage meat cutter, J. N. Bechard; Gun practice, apparatus for teaching, J. White; Gun sight, auxiliary, J. Potter; Hair pin, C. A. Dunbar; Hammer, pneumatic, W. Baxter, Jr.; Harrow scraper, disk, F. B. Niesz; Harvester, E. Y. Gregg; Hat attachment, A. D. Glascock; Hats, ventilator and medicament or perfume container for, H. D. Barnes; Hay loader, L. H. Frayer; Hay loader, L. Howe; Headlight, dirigible, J. B. Baum; Headlight, locomotive, Wade & Smith; Heater, E. J. Droz, et al.; Heating apparatus, G. B. Collier; Heating system, steam, D. Broadbelt; Heel, detachable, E. Rennie; High speed brake, W. Turner; Hinge, spring, W. P. Collins; Hoe, H. W. Richards; Hopper and feeding device, J. E. Perrault; Horse releaser, J. A. Hockett; Hose coupling, J. F. Hinck; Hydrant, W. K. Palmer; Hydraulic pressure, apparatus for generating and applying, J. W. Nelson; Hydrogen sulfid generator, E. L. Ross; Ice cream freezer, H. Viedt; Ice creper, S. Kossler; Ice edger, O. W. Robins; Ice in cans, apparatus for making clear, F. A. Ride; Ice machine cut-off device, R. Whitaker; Ice sawing machine, A. L. Stauffer; Incubator, A. M. Shaul; Invalids, mechanism for elevating, R. L. Floyd; Ironing board, J. Hovepian; Jacquards without pattern cards, mechanism for electrically operating, A. Regal; Joints, making interlocking, M. Guett; Journal box, P. J. Harrigan; Kettle hanger, H. C. Cramer; Knitting machine, automatic circular, J. D. Hemphill; Knockdown table, F. J. Mauborgne; Ladder, J. Coplin; Lamp, arc, J. T. H. Dempster; Lamp, arc, C. D. Haskins; Lamp, arc, E. J. Murphy; Lamp, inverted gas, C. L. Duenkel; Lamp sockets, etc., strain relieving means for terminals of, F. A. Swan; Last, hinged, O. Krentler; Last, locking, F. W. Kittlinger; Latch, automatic door, J. J. Tatum; Latch, door, E. L. Bowes; Lathes, interchangeable spring tool holder for, H. A. Hillenbrand; Level attachment, spirit, W. C. Oswald; Life buoy, T. E. Williams; Linotype machine matrix, Billington & Hollis; Lithium compounds, manufacture of pure, E. Zell; Lock, see Mortise lock; Lock, H. F. Kell; Lock indicator, door, Arens & Teich; Locomotive, S. M. Vauclain; Locomotive recording instruments, gearing for, Park & Phillips; Logs, apparatus for injecting chemicals into, W. G. Born; Loom, F. A. Mills; Loom, automatic weft replenishing, R. Crompton; Loom dobbie, A. A. Gordon, Jr.; Loom dobbie, H. Le Doux; Loom harness motion, H. Le Doux; Loom, weft replenishing, F. Macpherson; Loom, weft replenishing, J. M. Wymann; Loom, weft replenishing, H. Wymann; Lubricator, W. O. Turner; Magnesium, production of, Von Kugelgen & Seward; Mail bag deliverer, B. F. Troup; Mail bag hanger, W. M. Cortbell; Mail box, Sieh & Lowe; Mail box, W. Broberg; Mail bag support, J. M. Wymann; Malt making apparatus, G. J. Meyer; Massage vibrator, E. Falsbender; Match making machine attachment, J. E. State; Measuring device for window shade machines, E. O. Engberg; Measuring instrument, W. P. Phenix; Meat frying and smoking apparatus, L. Bloembergen; Meat tenderer and vegetable chopper, M. H. Tyler; Metal chips and apparatus therefor, process for melting, W. F. Prince; Metallic plate edging machine, Fraser & Gray; Metallic tie and rail fastener, O. A. Storassil; Metallographic process, O. B. Dawson; Meter loop, inclosed, E. C. Wigham; Microphone, Egner & Holmstrom; Milk vat, A. F. Stoelting; Mines, check holder for, L. F. Weaver; Mining coal, D. P. Loomis; Mirror attachment for windows, M. Nelson; Miter box saw support, E. A. Schade; Mixing mechanism, E. E. Bay; Mixing machine, Steidl; Molder's chaplet, E. B. Haskins; Molds, flask for forming gated, C. W. Blue; Mortise lock, A. Tanner; Motor control, E. F. W. Alexanderson; Motor governor, H. E. Warren; Mower, A. Kolehmainen; Music and like cover, J. N. Dean; Music sheet perforating apparatus, J. C. Burns; Musical apparatus, mechanical, G. P. Brand; Nail and board pulley, A. Anderson; Nose guard, L. F. Adt; Nozzle, adjustable, W. T. Dodge; Nozzle, water, Allbright & Scudder; Nut lock, A. R. Cooper; Oil burner, G. R. Wyatt; Oil burner, welding, B. W. Cribb; Oiling device, J. W. Maddox; Onion sets, machine for topping and cleaning, J. R. Dimick; Ore crusher, eccentric, S. Abernathy; Ore reducing furnace, G. Grondal; Package fastener, A. E. Boulton; Packing case, Chapman & Woodbridge; Packing, rod steam, O. D. H. Bentley; Pail, dinner, H. W. Ryding; Paint, J. A. West; Panel board metering, A. C. McWilliams; Panel for wooden structures, O. C. Penlason; Paper and the like, process and machine for marblizing, H. Metzger; Paper bottles, die for making closures for, C. F. Jenkins; Paper bottles, treating, C. F. Jenkins; Paper containing, H. S. Brewington; Paper drying machine, F. L. Allen; Paper, recovering waste, S. Finkelstein; Paring knife, J. Kling; Pedal mechanism, G. H. Davis; Pencil sharpener, E. C. Scruggs; Phonograph, J. F. Ott; Phonograph, J. Weber; Phonograph, H. Wolke; Phonograph, J. F. Ott; Phonograph attachment, J. Georgi;

Table listing inventions with patent numbers, including: 936,118; 936,145; 936,277; 936,278; 936,279; 936,280; 936,281; 936,282; 936,283; 936,284; 936,285; 936,286; 936,287; 936,288; 936,289; 936,290; 936,291; 936,292; 936,293; 936,294; 936,295; 936,296; 936,297; 936,298; 936,299; 936,300; 936,301; 936,302; 936,303; 936,304; 936,305; 936,306; 936,307; 936,308; 936,309; 936,310; 936,311; 936,312; 936,313; 936,314; 936,315; 936,316; 936,317; 936,318; 936,319; 936,320; 936,321; 936,322; 936,323; 936,324; 936,325; 936,326; 936,327; 936,328; 936,329; 936,330; 936,331; 936,332; 936,333; 936,334; 936,335; 936,336; 936,337; 936,338; 936,339; 936,340; 936,341; 936,342; 936,343; 936,344; 936,345; 936,346; 936,347; 936,348; 936,349; 936,350; 936,351; 936,352; 936,353; 936,354; 936,355; 936,356; 936,357; 936,358; 936,359; 936,360; 936,361; 936,362; 936,363; 936,364; 936,365; 936,366; 936,367; 936,368; 936,369; 936,370; 936,371; 936,372; 936,373; 936,374; 936,375; 936,376; 936,377; 936,378; 936,379; 936,380; 936,381; 936,382; 936,383; 936,384; 936,385; 936,386; 936,387; 936,388; 936,389; 936,390; 936,391; 936,392; 936,393; 936,394; 936,395; 936,396; 936,397; 936,398; 936,399; 936,400; 936,401; 936,402; 936,403; 936,404; 936,405; 936,406; 936,407; 936,408; 936,409; 936,410; 936,411; 936,412; 936,413; 936,414; 936,415; 936,416; 936,417; 936,418; 936,419; 936,420; 936,421; 936,422; 936,423; 936,424; 936,425; 936,426; 936,427; 936,428; 936,429; 936,430; 936,431; 936,432; 936,433; 936,434; 936,435; 936,436; 936,437; 936,438; 936,439; 936,440; 936,441; 936,442; 936,443; 936,444; 936,445; 936,446; 936,447; 936,448; 936,449; 936,450; 936,451; 936,452; 936,453; 936,454; 936,455; 936,456; 936,457; 936,458; 936,459; 936,460; 936,461; 936,462; 936,463; 936,464; 936,465; 936,466; 936,467; 936,468; 936,469; 936,470; 936,471; 936,472; 936,473; 936,474; 936,475; 936,476; 936,477; 936,478; 936,479; 936,480; 936,481; 936,482; 936,483; 936,484; 936,485; 936,486; 936,487; 936,488; 936,489; 936,490; 936,491; 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