

RECENTLY PATENTED INVENTIONS. Pertaining to Apparel.

GARTER-CLASP.—B. L. HARRIS, Los Angeles, Cal. The object in this case is to provide a garter which is simple and durable in construction, quickly applied, and arranged to firmly grip the sock or loose material with a view to securely hold the sock or hose in proper position. The gripping device is practically composed of but two pieces, which can be readily attached to the supporting loop.

HAT-FASTENING DEVICE.—J. T. SLINGERLAND, Binghamton, N. Y. This device securely fastens a hat on the head of a female and is designed to overcome the disadvantages of the ordinary hat-pin by providing means which can be operated with facility to hold the hat on without mutilating it by constant use, and also which can be readily operated to entirely disengage the hair when taking off the hat.

BUCKLE.—S. WECHSLER, New York, N. Y. The buckle is adapted for use on garments, and more particularly to those employed in connection with suspenders and garters. The object of the inventor is to provide improvements, whereby the buckle may be detached from the strap or band in connection with which it is employed by the action of a spring when the fastening is released.

Electrical Devices.

BURGLAR-ALARM.—C. VAN BERGH, Winnipeg, Manitoba, Canada. A screen formed of dependent metallic conductors is freely suspended closely adjacent to each other, and so connected that the alarm will be set off by the bringing of any two adjacent conductors in contact with each other or by cutting away or removal of conductors. These are arranged at such distance and so disposed that it is impossible to pass through the window or door without either brushing the conductors aside, whereby they are brought into contact with each other or cutting away said conductors.

ELECTRICAL-SPARK-TIMER DEVICE.—R. CLARKE, Mount Vernon, Ohio. The invention is an improved device for regulating the number, time, and duration of intermittent electrical currents transmitted in a given time or period and is particularly adapted for use with the electric spark igniters or internal combustion engines, or wherever mechanically controlled intermittent electrical circuits or impulses are required.

Of Interest to Farmers.

MOWING-MACHINE.—J. H. BROWN, Carlin, Nevada. The purpose of the inventor is to provide a form of machine so constructed that it will be double acting, it being possible to employ two sickles each of which has pivotal support, enabling the sickles to rise and fall to accommodate themselves to rough or irregular ground, means being provided for simultaneously lifting them when the machine is to be moved to various points in the field or going to or coming from the field.

PLANTER.—G. W. VAUGHN, Kennedy, Texas. One aim of this improvement is to provide a construction of seed dropping mechanism particularly adapted for planting cotton seed, but which may also be used for dropping seed of kindred nature, and also to construct the dropping mechanism so that it can be used with equally good effect upon a walking planter as upon a wheeled planter, and can be readily and economically installed on either type of machine.

Of General Interest.

BUCKLE.—J. F. YOUNG and F. A. LIBBY, Morristown, N. J. The especial design is to use the buckle in connection with harness, but it can be used with advantage where desirable to have a means by which two straps or like parts can be easily attached or detached. The object of the invention is to provide a buckle which will permit the removal of the strap while under tension, and further, to allow the strap to be released from the keeper without flexing it, by simply removing the latter.

BURIAL-VAULT.—N. B. SHALLENBERGER, Scottsdale, Pa. In the use of this invention, the body portion may be placed in the grave, and the casket lowered thereinto, the rods be applied, and the inner sealing plate placed in position and cement applied over the plate and around the edges, and cement be also applied in the groove, after which the cover may be lowered, the beveled seat aiding in guiding the cover to its place and forming with the cover and cement a water-tight joint entirely surrounding the body portion.

TENT.—R. KNABENSHUE, Toledo, Ohio. In the present patent the object of the inventor is the provision of a new and improved tent, arranged to leave the center portion of the tent wholly unobstructed for the convenient housing of air ships and like apparatus or for the use of shows and for other purposes.

Prime Movers and Their Accessories.

ROTARY EXPLOSION-ENGINE.—C. J. ROUSSEAU, New York, N. Y. The aim of this invention is the provision of a new and improved rotary explosion engine which is simple and durable in construction, very effective in operation, and arranged to give a plurality of impulses to the rotor on every revolution thereof. It can be readily reversed.

CLUTCH.—T. W. SHEPPARD, New York, N. Y. The intention in this instance is to

produce a clutch for use in connection with an engine, or prime mover which is started up from time to time, and which can be nicely controlled so that the transmitting power of the clutch can be gradually brought from a minimum to maximum, the former being sufficiently low to prevent stoppage or material retarding of the engine, while the maximum is sufficient to substantially transmit all power which the engine can develop when running on the governor.

Railways and Their Accessories.

RAILWAY TIE AND SPIKE.—E. C. INDERLIED, Binghamton, N. Y. In the present patent the object of the inventor is the production of a metal tie of simple form, provided with improved means for securing the rail thereto, the general purpose of the improvement being the production of a durable and practical structure in railway construction.

METALLIC RAILROAD-TIE.—A. M. BAIRD, Topeka, Kan. The invention has reference to metallic ties, such as shown and described in a former Letters Patent of the U. S., granted to Mr. Baird. The object of the present invention is to provide a tie, arranged to securely hold the rails in place and to form an exceedingly strong and durable tie, comparatively light in weight.

DUMPING-CAR.—T. E. VAN DERWERKEN, Green Island, N. Y. The provision in view in this invention is that of a dumping car of the coal car type, in which the mechanism employed in operating the drop doors at the bottom of the car will be separated and protected from the coal or other material with which the car may be loaded, and thus prevent any interference with the operation of this mechanism from this source.

Pertaining to Recreation.

GAME APPARATUS.—J. STERN, New York, N. Y. The object in this case is to provide a game designed to be played on a table by means of a ball adapted to travel between rows of pins, and come in contact with one or more of a multiple series of counters, thereby causing the counters to register with each operation of the ball.

NOTE.—Copies of any of these patents will be furnished by Munn & Co. for ten cents each. Please state the name of the patentee, title of the invention, and date of this paper.

INDEX OF INVENTIONS For which Letters Patent of the United States were Issued for the Week Ending July 9, 1907.

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

Table listing inventions and their patent numbers, including categories like Account systems, Accounting appliance, Acid concentrating apparatus, etc.

Table listing inventions and their patent numbers, including categories like for manufacturing tubular, Miller & Morris, Bracket, A. Larsen, Brick handling machine, etc.

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