

Search history

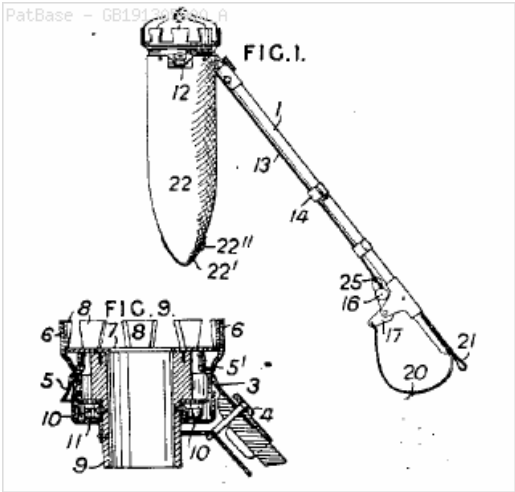
Search 1: IC=(A01D46) (Results 21897)
Search 2: 1 and PD<20160601 (Results 16891)
Search 3: 2 and ring (Results 1423)
Search 4: 3 and blade* (Results 288)
Search 5: RF=(16144426) (Results 21)

Title: Improvements in Fruit Pickers.

Abstract: 5900. Bauer, C. March 11, 1912, [Convention date]. Hand-operated clippers with multiple teeth.- The cutting-blades 6 arranged in a ring have a trapezoidal shape as shown. The inner movable cutter 7 has similar blades 8 and is fastened to a tube 9 normally held in place by a spring 10 connected to a projection 12 on the ring 3 and enclosed in a casing 11. The cutter 7 is operated against the action of the spring 10 by pressing on a spring 20 fastened to the rod 1 near the hand-grip 21 and to a bell - crank lever 17, to which a cord 13 is adjustably attached by means of a reel 16 provided with a locking-ratchet. The cord 13 is hooked round the tube 9 and passes through the eye-bolt 4, guides 14, and a wire clamp 25. The clipper shown is adapted for picking fruit.

Classifications:

International (IPC 8-9): A01D46/247 (Advanced/Invention);
A01D46/00 (Core/Invention)
CPC: A01D46/247
European: A01D46/247



Family:

Publication number	Publication date	Application number	Application date
GB191305900 A	19130911		00000000

Priority:

19120311

Probable Assignee:

BAUER CARL

Assignee(s): (std):

BAUER CARL

Assignee(s):

CARL BAUER

Inventor(s): (std):

BAUER CARL

Inventor(s):

CARL BAUER

Title: FRUIT PICKER

Abstract: I claim: 1. In a fruit picker of the class described, in combination, an elongated handle, a sack like fruit delivery conduit mounted on said handle, fruit severing means mounted on the upper end of the handle above the intake mouth of said conduit, said severing means embodying a relatively stationary knife and a relatively movable knife, the mouth of said sack being normally disposed in a position spaced downwardly from said knives to render the knives clearly visible, and means for operating said knives in an intermittent manner and for moving the mouth of said conduit into close proximity beneath the knives, when the knives are in a predetermined relationship. 2. In a fruit picker of the class described, a handle, a sack like fruit delivery conduit mounted on said handle, a raising and lowering device pivoted on the handle and connected with the intake mouth of said conduit, fruit severing knives pivoted on the handle above the intake mouth of the conduit, one knife being stationary and the other knife relatively movable, actuating means for producing an intermittent operation of said knives, an operating lever pivoted on the handle within convenient reach of the operator of the device, a pull wire connected with said lever and with said operating means, and a normally slack chain connected with said operating means and with the pivotally mounted raising and lowering device. 3. In a fruit picker of the class described, a handle, a sack like fruit delivery conduit mounted on said handle, a raising and lowering device pivoted on the handle and connected with the intake mouth of said conduit, fruit severing knives pivoted on the handle above the intake mouth of the conduit, one knife being stationary and the other knife relatively movable, together with conduit embracing means for contracting the conduit, said embracing means being connected to and operated by said wire. 4. In a fruit picking device of the class described, an elongated handle, a sack like fruit delivery conduit mounted on said handle, a spring returned raising and lowering device pivotally mounted on the handle and connected with the intake mouth of said conduit, fruit severing means on the upper end of the handle embodying right angularly disposed knives and intermittent operating means therefor, said knives including a stationary knife and a relatively movable knife, the movable knife being movable toward the stationary knife in a step by step manner, and a pivotally mounted spring return actuating lever on the handle within convenient reach of the operator, a pull wire connected with said lever and connected at its upper end with the actuating device for the severing knives, a normally slack chain connected with said means and with said pivotally mounted raising and lowering device, eye bolts mounted on said handle at longitudinally spaced points, conduit embracing points cords passing through said eye bolt and connected with said pull wire, said cord being arranged for alternately contracting said conduit and dividing it into longitudinally spaced trapping portions. 5. In a fruit picking device of the class described, a handle, a pair of spaced parallel strips rigidly mounted on the upper end of the handle, an intermittent cam actuating device mounted between the upper end of said strip, successively operable laterally disposed severing knives mounted upon said actuating device, an open ended sack like fruit delivery conduit mounted on the handle, and at raising and lowering device connected with the mouth of the sack and pivotally mounted on said strips. 6. In a fruit picking device of the class described, a handle, a stationary open ended cylinder mounted on the upper end of the handle and provided with a keyway, a slidable sleeve in said cylinder having a key sliding in said keyway, cams riding in said rollers carried by said slidable sleeve, manual operating means for said sleeves mounted on said handle, an inner cam slot sleeve disposed within said slidable sleeve and rotatable with respect thereto and cooperable with said rollers, a relatively movable knife carried by the inner rotary sleeve, and a relatively stationary knife carried by said cylinder. In testimony whereof I affix my signature

Classifications:

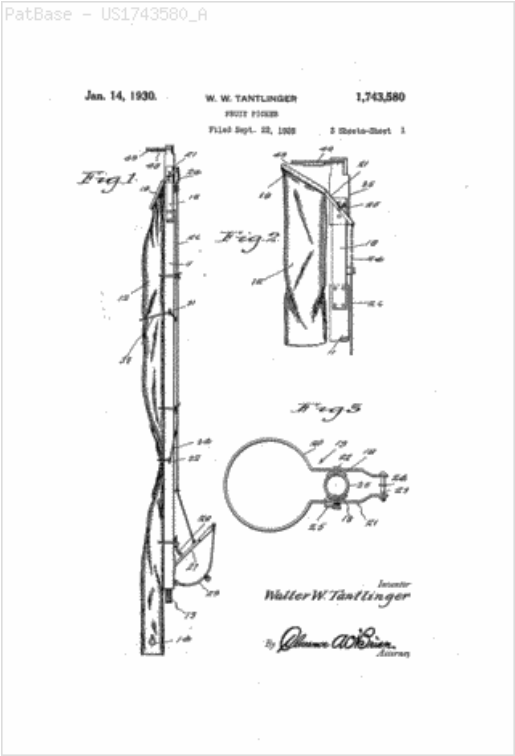
International (IPC 8-9): A01D46/247 (Advanced/Invention);
A01D46/00 (Core/Invention)

International (IPC 1-7): A01G19/00

CPC: A01D46/247

European: A01D46/247

US: 56/336



Family:

Publication number	Publication date	Application number	Application date
US1743580 A	19300114	US19280307624	19280922

Priority:

US19280307624 19280922

Probable Assignee:

TANTLINGER WALTER W

Assignee(s): (std):

TANTLINGER WALTER W

Inventor(s): (std):

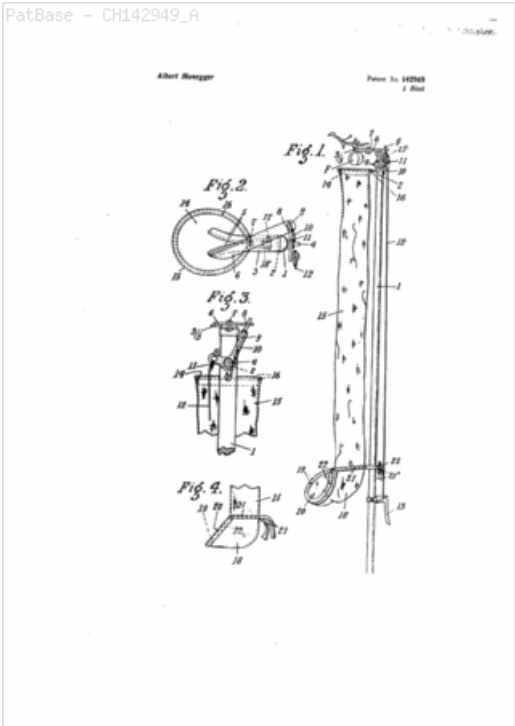
TANTLINGER WALTER W

Title: APPARAT ZUM PFLUECKEN VON EDELOBST. APPARATUS for reaping PRECIOUS FRUIT. (Machine translation)

Abstract: Source: CH142949A [DE] (Claim 1) 1. Apparat, nach Patentanspruch, dadurch gekennzeichnet, dass die Schere aus einem gabelartigen, als Fuehler zum Fuehren des Stiels der zu pflueckenden Frucht in die Sehneidstellung dienenden festen Unterteil und aus einem ueber diesem liegenden Mes- ser besteht, welch letzteres entgegen der Wirkung einer Feder gegen den einen Arm der Gabel, welcher als Schneide ge schliffen ist, bewegbar ist.

Machine translation: (claim 1) 1 Apparatus according to Patent Claim, characterized in that the gap of a fork-like, as a sensor for guiding the stem of the to pflueckenden fruit in the Sehneidstellung serving fixed lower part and of a by this lying Mes-Ser-, which latter against the action of a spring against one arm of the fork, which is sharpened blade as GE, can be moved.

Classifications:
International (IPC 8-9): A01D46/247 (Advanced/Invention);
A01D46/00 (Core/Invention)
International (IPC 1-7): A01G19/00
CPC: A01D46/247
European: A01D46/247



Family:

Publication number	Publication date	Application number	Application date
CH142949 A	19301031		19291018

Priority:

19291018

Probable Assignee:

HONEGGER ALBERT

Assignee(s): (std):

HONEGGER ALBERT

Inventor(s): (std):

ALBERT HONEGGER

Inventor(s):

HONEGGER ALBERT

Title: APPLE PICKER

Abstract: parting from its scope and spirit, what I claim and desire to secure by Letters Patent of the United States is 1- _ Au apple picker comprisiig a pole, a. lever _It;;oxiti'olled picking device secured to an end of the pole, ii, hoop below said picking device, securing means for said hoop adapted to prevent pivotal movement thereof, a tubular contractible fabric member secured to said hoop and adapted to engage an apple throughout its descent, spaced snap buttons for securing said tubular member to the pole, and a receiving member nieinbcr, In testimony wliereo I'

Classifications:

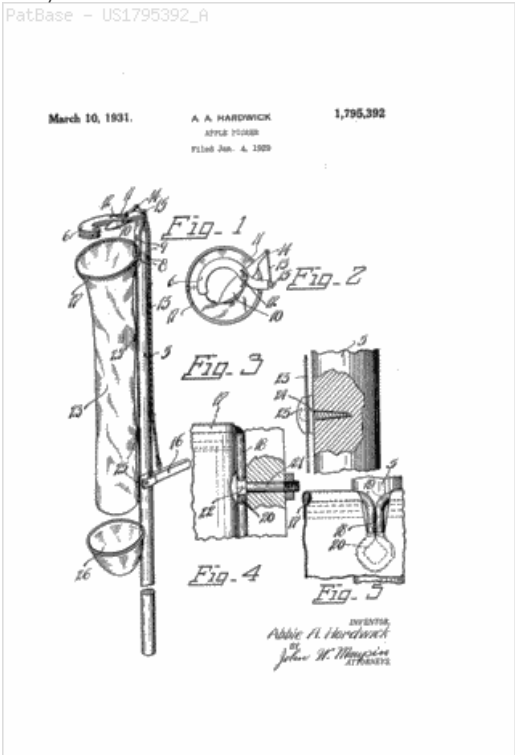
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A01D46/00 (Core/Invention)

International (IPC 1-7): A01G19/00

CPC: A01D46/247

European: A01D46/247

US: 56/336



Family:

Publication number	Publication date	Application number	Application date
US1795392 A	19310310	US19290330199	19290104

Priority:

US19290330199 19290104

Probable Assignee:

HARDWICK ABBIE A

Assignee(s): (std):

HARDWICK ABBIE A

Inventor(s): (std):

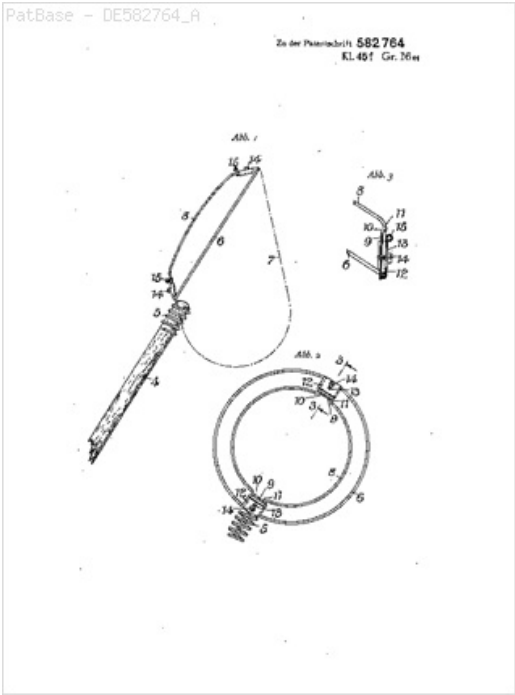
HARDWICK ABBIE A

Title: OBSTPFLUECKER

Abstract: Source: DE582764A [DE] (Claim 1) 1. PATENTANSPRUECHE: i. Obstpfluecker mit an einem Haltestiel befestigter Schneidvorrichtung und dar unter angeordnetem Fangbeutel, dadurch gekennzeichnet, dass der den Fangbeutel (7) tragende, zur Befestigung am Stiel (4) vorgesehene ringfoermige Drahtbuegel (6) mit einem ueber ihm liegenden Buegel (8) von kleinerem Durchmesser konzen trisch verbunden ist und dass zwischen diesen beiden ringfoermigen Buegeln (6,8) zwei Schneidvorrichtungen angeordnet sind, von denen die eine in Richtung des Haltestieles, die andere diametral gegen ueberliegt.

Machine translation: (claim 1) 1 Claims: i Obstpfluecker with a holding handle attached cutting device and is under arranged collection bag, characterized in that the catching bag (7) supporting, for attachment to the stem (4) provided on the annular Drahtbuegel (6) with one that lies over it bows (8) of smaller diameter concentric electrically connected to and that are arranged between these two ring-shaped brackets (6.8) two cutting devices, of which the one in the direction of the holding stem, the other is diametrically opposite.

Classifications:
International (IPC 8-9): A01D46/247 (Advanced/Invention);
A01D46/00 (Core/Invention)
International (IPC 1-7): A01G19/00
CPC: A01D46/247
European: A01D46/247



Family:

Publication number	Publication date	Application number	Application date
DE582764 A	19330818	DE1932T040713D	19320515

Priority:
DE1932T040713 19320515

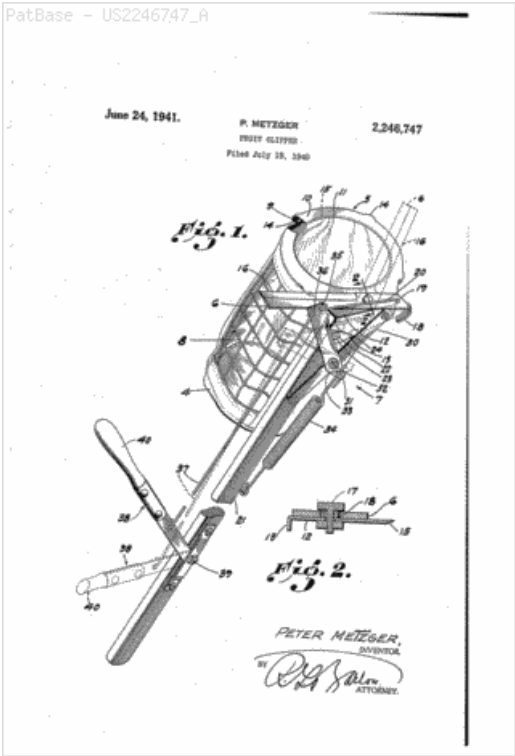
Probable Assignee: WALTHER TAUBER
Assignee(s): (std): WALTHER TAUBER

Title: FRUIT CLIPPER

Abstract: What is claimed is: 1. In a fruit clipping device, a sack, a mouthpiece for the sack, said mouth-piece comprising a flat ring-like plate having a circular opening, a portion of which is chamfered to provide a curvilinear cutting edge, downwardly inturred lugs carried by said mouth-piece for fastening said sack thereto, a pole, said mouth-piece having a depending flange connected to said pole, a knife pivotally mounted upon said mouthpiece with the edge thereof directed toward the opening in said mouth-piece, and means for operating said blade forwardly and backwardly across the opening in said mouth-piece. 2. The subject matter of claim 1 and, said knife forming with said curvilinear edge a gradually diminishing segmental opening as the edge of the knife approaches said curvilinear edge. 3. The subject matter of claim 1 and, said knife blade having a lateral flange bent back upon itself engageable with the depending flange of said mouth-piece to limit the forward travel of said blade. 4. The subject matter of claim 1 and, said means for operating said knife comprising a manually operable hand lever pivoted to said pole, and intervening mechanism connecting said lever to said blade. 5. The subject matter of claim 1 and, said sack having a netting section directed toward the side of the device from which a Workman operates. 6. In a device of the kind described, a sack, a mouth-piece for said sack, said mouth-piece comprising a flat ring-like plate having a circular opening extending therethrough, a portion of which is provided with a curvilinear cutting edge, a pole on which said mouth-piece is mounted at one end, 9. knife having a cutting edge pivotally mounted in a Hatwise manner upon said mouthpiece With the edge thereof directed toward said opening and said curvilinear edge, and means connected to said blade whereby to operate it across said opening from the opposite end of said pole. 7. In a fruit clipping device, a sack having a netting section, a mouth-piece for said sack comprising a fiat ring-like steel plate having a. circular opening lying superjacent the opening of said sack and a tangential segment extending on to one side of the ring-like part in the plane thereof, a portion of said opening being beveled to provide a curvilinear cutting edge, spaced downwardly inturred parts in the outer periphery of said mouth-piece for fastening said sack thereto, a pole, said segment having a downwardly directed polygonal flange, connected to said pole with said circular opening resting in a slightly pitched horizontal plane, with said netting section directed to the side of the device from which a Workman operates, a knife pivotally mounted upon said tangential segment of said mouth-piece with the edge thereof directed toward said circular opening, and means for operating said knife forwardly and backwardly across said opening 8. The subject matter of claim 1 and, said knife having a straight edge cutting portion and during the forward travel thereof across said opening being adapted to perform a slicing action on the stem of the fruit being severed incident to the final cutting 'clinch' of both cutting edges of said cutting elements with said stem. 9. In a device of the kind described, a sack, a mouth-piece for said sack, said mouth-piece comprising a. Hat ring-like plate having a circular opening extending therethrough, a pole on which said mouth-piece is mounted at one end, a knife having a cutting edge pivotally mounted in a flatwise manner upon said month-piece with the edge thereof directed toward said opening, and means connected to said blade for operating it across said opening from the opposite end of said pole,

Classifications:

International (IPC 8-9): A01D46/247 (Advanced/Invention);
A01D46/00 (Core/Invention)
International (IPC 1-7): A01G19/00
CPC: A01D46/247
European: A01D46/247
US: 56/335



Family:

Publication number	Publication date	Application number	Application date
US2246747 A	19410624	US19400345504	19400715

Priority:

US19400345504 19400715

Probable Assignee:

PETER METZGER

Assignee(s): (std):

PETER METZGER

Inventor(s): (std):

PETER METZGER

Inventor(s):

METZGER PETER

Title: A device for use in the picking of fruit

Abstract: 913,562. Picking fruit. JUKES, G. W. H. May, 23, 1961 [May 30, 1960], No. 18987/60. Class 6(3). A fruit-picking device comprises a ring 22 to which a bag or cloth sleeve is attached, the ring having a notched part 11 and a pair of loops 19 which are clamped to a fitting 16, on the end of a long handle 10, by a wing-nut 24, the fitting having alternative radial notches 25 in which leg-portions of the wire ring are clamped in different positions of adjustment. The handle 10 may be sectional with sockets and catches on abutting sections.

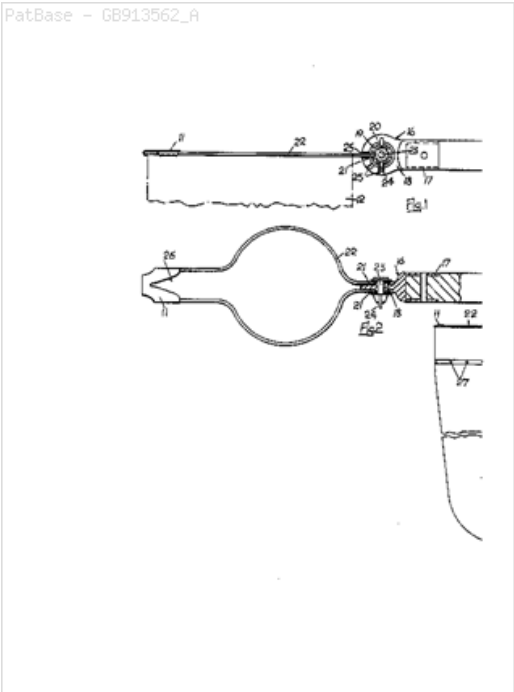
Classifications:

International (IPC 8-9): A01D46/247 (Advanced/Invention);
A01D46/00 (Core/Invention)

International (IPC 1-7): A01G19/00

CPC: A01D46/247

European: A01D46/247



Family:

Publication number	Publication date	Application number	Application date
GB913562 A	19621219	GB19600018987	19600530

Priority:

GB19600018987 19600530

Probable Assignee: GEORGE WILLIAM HENRY JUKES

Assignee(s): (std): GEORGE WILLIAM HENRY JUKES

Title: FRUITPICKER

Abstract: (Claim 1) 1. A fruitpicker for severing from a tree fruit connected thereto by a stem, said picker comprising a lightweight elongated framework, a ringed member attached to said framework adjacent the lower end thereof for receiving a forearm of a user, a fruit-receiving head at the upper end of said framework, said head having a slot in which the fruit stem can be captured when the fruit is received in said head, a knife blade movably mounted on said head for movement between a rest position and a cutting position over said slot for cutting through said captured stem and thus severing the fruit from its tree, means on said framework for receiving fruit cut at said slot and for guiding the fruit downwards, a handle attached to said framework at an intermediate portion thereof so as to be held by the user's hand with the associated forearm encircled by said ringed member for supporting said framework, a trigger connected to said framework accessible to and operable by the hand of said forearm, and means coupling said blade to said trigger for moving said blade into said stem-cutting position upon actuation of said trigger, whereby said fruitpicker is supportable by one arm and the associated hand of the user and operable by said associated hand for cutting fruit at remote distances and guiding the picked fruit downwards.

Classifications:

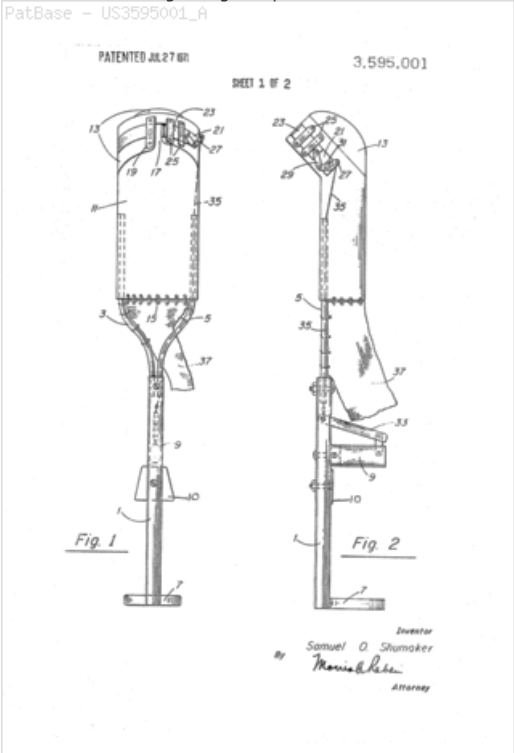
International (IPC 8-9): A01D46/247 (Advanced/Invention)

International (IPC 1-7): A01G19/00 A01G19/08

CPC: A01D46/247

European: A01D46/247

US: 182/15 182/17 182/194 56/338



Family:

Publication number	Publication date	Application number	Application date
US3595001 A	19710727	US19680780386	19681202

Priority:

US19680780386 19681202

Probable Assignee:

SAMUEL C SHUMAKER

Assignee(s): (std):

SAMUEL C SHUMAKER

Inventor(s): (std):

SHUMAKER SAMUEL C

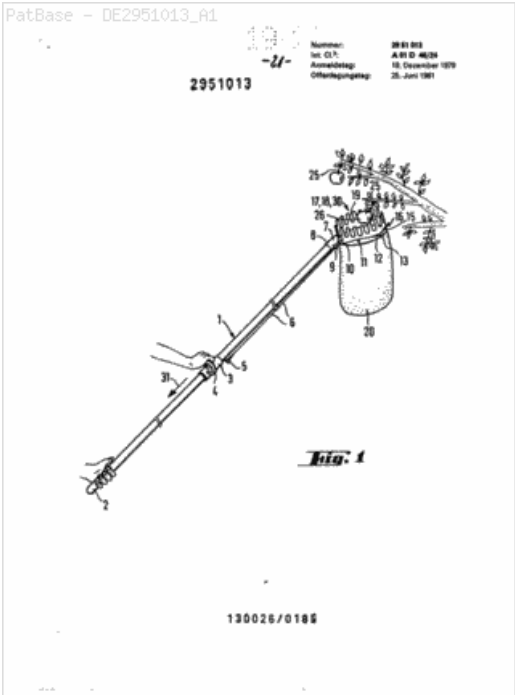
Inventor(s):

SAMUEL C SHUMAKER

Title: HAND-HELD FRUIT-PICKING IMPLEMENT - HAS TOOTHED RING WITH INNER PART TURNING COAXIALLY TO OUTER ONE, MOUNTED ON LONG HANDLE

Abstract: The fruit-picking implement comprises a picking ring with teeth, collector sack, tube and stem. The ring (30) is in two parts (17,18) working one inside the other, and is fixed on a holder bar (11). The inner part (18) turns coaxially in relation to the outer one. It can be coupled to a rope (6) leading to a sliding sleeve (3). Movement of the sleeve causes it to turn for an amount at least equal to the teeth pitch. A tension spring (15) can be attached between the inner and outer parts, returning the former to the starting position.

Classifications:
International (IPC 8-9): A01D46/247 (Advanced/Invention);
A01D46/00 (Core/Invention)
International (IPC 1-7): A01D46/24
CPC: A01D46/247
European: A01D46/247



Family:

Publication number	Publication date	Application number	Application date
DE2951013 A1	19810625	DE19792951013	19791219

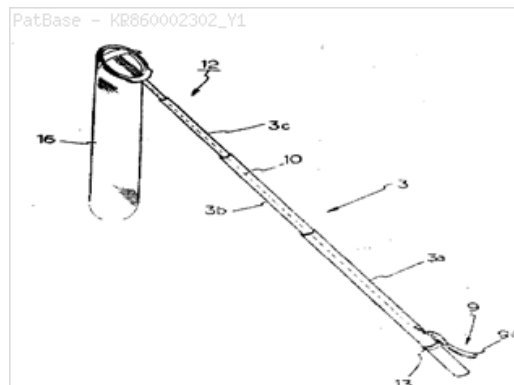
Priority:

DE19792951013 19791219

Probable Assignee: EMDE LOTHAR
Assignee(s): (std): EMDE LOTHAR
Inventor(s): (std): EMDE LOTHAR

Abstract: Source: KR860002302Y **Machine translation:** [Source: claim 1] **1.** At the top of the handle (3) to (1) and fixing the melted threadably secured between a (-9) wire 10 is attached to the work table (3) the handle which configured to stretch control the odor, to fruit support (1a) of the coil spring (7), (2) (2a) cut to a longitudinal axis of the aperture 14 in the coupling in support (1a) binding the wire 10 in Fig. 6, ring opening of cutting (2) of (1) is guided on the guide grooves (5) (6) of the blade (8) is ring sphere onyeosanseong blade Sikkim configured to cross with (1), characterized in that fruit an odor.

International (IPC 8-9): A01D46/24 (Advanced/Invention);
A01D46/00 (Core/Invention)
International (IPC 1-7): A01D46/24



Publication number	Publication date	Application number	Application date
KR860002302 Y1	19860920	KR19840010942U	19841029

KR19840010942 19841029 KR19840010942U 19841029

Inventor(s): (std): SHIN KON MUN

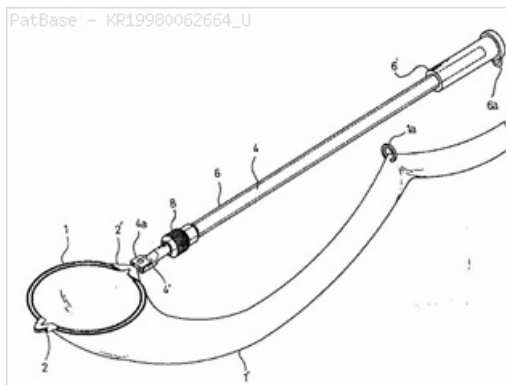
Title: Fruit harvest (Machine translation)

Abstract: Source: KR19980062664U **Machine translation:** The present design is used in the fruit harvested fruit farms to harvest at the end of the inside with (3)(3') both bent engaging projection to the lower side of the support (1) Harvesting of circular ring (1a) is attached to the fruit harvest with the cylindrical body 1' by having installed a (2)(2') front and rear portion of the cutting blade and (3)(3') device is adjustment rod (4) the support (1) on the top of the engaging projection is formed in the coupling hole of the coupling plate 4' (5)(5') hayeoseo fitted thereon in the fixed cover (4a) and screwing the device coupling pin (6a) is attached to the handle 6' at the top of the support bar (6) built into the fixed ring (7), the fixture (8) by tightening the screw inserted into the control rod (4), the other around the fruit of the fruit configuration injure during harvest, there is no concern to fall fruit in cutting the ground fruits that collects the fruit into the air 1' away from the ground do damage to the harvesting work carried out more securely and ergonomics and personnel costs, there is an advantage which can shorten the working time.

Classifications:

International (IPC 8-9): A01D46/24 (Advanced/Non-invention)

International (IPC 1-7): A01D46/24



Family:

Publication number	Publication date	Application number	Application date
KR19980062664 U	19981116	KR19970007027U	19970403

Priority:

KR19970007027U 19970403

Probable Assignee:

BAKNOJIN

Assignee(s):

BAKNOJIN ; SHIFTERS

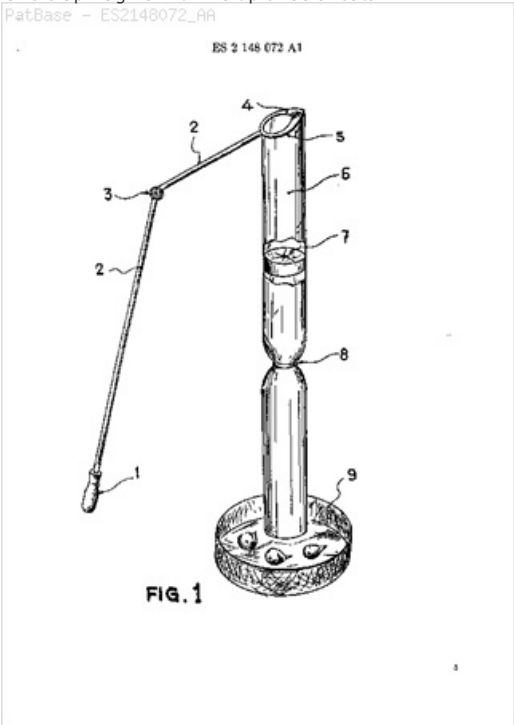
Title: System for harvesting fruit.

Abstract: Fruit harvesting system. Fruit harvesting system that uses a tool made up of four clearly different parts: separator head 4, collector sleeve 6, extensions 2 and joints 3. the separator head looks like two cutters converging in a 'V', self held or interchangeable incorporated in a head, or oval head with a pear shaped, central hollow, or a convex sheet with claw shaped fingers, or anything else suited to its function. With this tool the farmer can manipulate the separator head 4 at a distance using the extensions 2, there can be insertions between them or various joints 3. Once the fruit has been separated from the tree it falls inside the collector sleeve 6 because of gravity, this moves it smoothly to the collector unit 9, thanks to the action of multiple elastic rings 8 and shock absorbing cups 7 that have diaphragms with multiple radial cuts.

Classifications:

International (IPC 8-9): A01D46/24 (Advanced/Invention);
A01D46/00 (Core/Invention)

International (IPC 1-7): A01D46/24



Family:

Publication number	Publication date	Application number	Application date
ES2148072 AA	20001001	ES19980000883	19980424
ES2148072 BA	20010501	ES19980000883	19980424

Priority:

ES19980000883 19980424

Probable Assignee: BATLLES RODRIGUEZ LUIS
Assignee(s): (std): BATLLES RODRIGUEZ LUIS

Title: Fruit harvesters (Machine translation)

Abstract: Source: KR200362582Y **Machine translation:** This is the fruit of a high place, out of reach, effectively picking, designed to harvest the fruit, cutting Department for reaping the fruit drops, circles the drain tap is cutting commitment ring assembled and assembled units at each end of each unit, pass the pipe falls safely transported into the ground and prevents it from being scratched by fruit can be harvested fruit Harvester for. This approximate < Structure and an overview of the process of the work, this is a circular ring (21) of the entrance (10) and step by step length-adjustable multi-stage bar (50) and these are the two that will connect the elastic ggeoggim (40), are assembled sequentially on the straight line, above the entrance to the entrance (10) (20) and cut (30), to form the entrance (20) Y of sleep Guide (22) to enter the fruit can tap (1) multi-stage pull rod (50) In the absence of the top, a pair of scissors (37) and in the absence of the circular knife (38), consisting of cutting (30) by cutting the fruit in the faucet (1) and is diminishing as the circular ring stacker (20) (21) is installed on the network (23), this fruit has multiple bars (50) that is connected to the passage ring (52) and that passage rings (52) the unit mesh (60) through the safe can be transported into the ground a rough structure. Such fruit Harvester <, which facilitates the use of the fruit can be harvested, the fruit is cut away part of the fruit as the faucet Assembly mesh securely on high, by JI to be transported to the upper part of the continuous work of merchantability of the fruit, the operation's efficiency can contribute to the feature.Fruit <, reaping <, spring, saw blade, cutlery, scissors, multistage bar

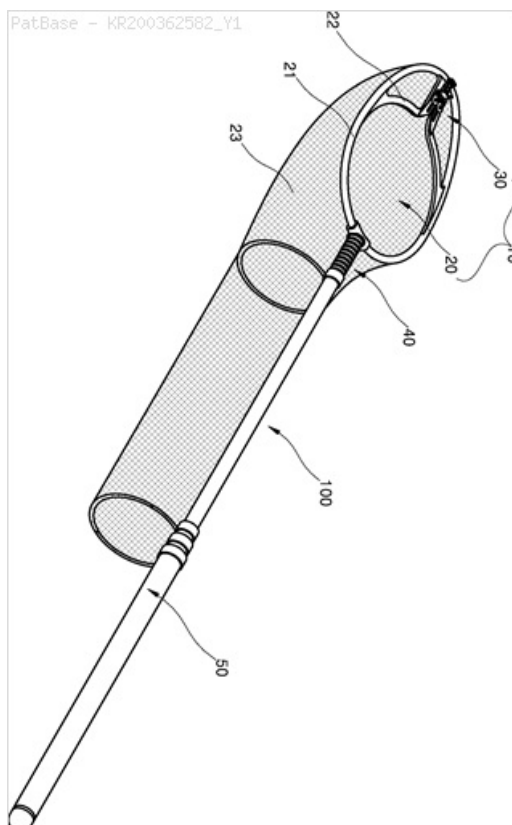
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A01D46/24 (Advanced/Non-invention)

International (IPC 1-7): A01D46/24

CPC: A01D46/247 Y10S56/17



Family:

Publication number	Publication date	Application number	Application date
 KR200362582 Y1	20040923	KR20040018194U	20040628

Priority:

KR20040018194U 20040628

Probable Assignee:

ONE SEONGPAN

Assignee(s):

ONE SEONGPAN

Title: THE FRUIT HARVESTER WITH TWO CUTTING-PART

Abstract: Source: KR200380427Y **Machine translation:** This error is to harvest the fruit from the trees about reaping the fruits, the diameter of the round ring shaped part two in the direction of cutting the frame forming part of the entrance to put the fruit, fruit, depending on the location of an appropriate place to insert the cutting part of the fruit, fruit Harvester the faucet and pull the fruit cutting, push or tap away from the fruit is transported safely on the ground, according to the harvesting of the fruit can be done consecutively. The approximate configuration of this device <, rounded forms part of a U in the ring now Guide (12) in diameter, and two in the direction of forming a ring along with a number of static references Shaker ball Ball (11 ') and mesh (17) forming the frame (11) above, by configuring each of the U party guide (12) in the absence of two blades (14) buoy fixed a certain angle to the entrance (10) and the Interior of the empty units, there are a number of different pathways in the bar (21), ring (22) is formed This open end units, mens (23) fixed number unit rod (21) has been inserting each equipped with multi-stage bar (20), and orthogonal joint (31) and swivel joint (32) and the connection structure, and is it possible for the left and right ggeoggim are equipped with ggeoggim control (30), ggeoggim (30), entrance into both ends of the control (10) and multiple rods (20) is being fixed, mesh (17) and each mesh (23) connect each other above the fruit Harvester (40). This way, shaped fruits < Harvester ggeoggim control via an easy-to-adjust each of the road picking fruit and, as mentioned above, put the fruits as the entrance is an easy way to cut fruit in between the faucet and the absence of blade, fruit Harvester push pull fruit falls away from the faucet, cutting fruit and fruit into the ground through net transfer of units, which may be harvested, according to the fruit of corruption, and the fruit can be harvested, regardless of the location of the run, cut fruit fruit faucets connected to the unit through the upper part of the network of corruption are transported safely without, The subsequent work, and in the absence of the Blade Assembly and disassembly is easy, so easy to repair and replacement of blade's absence and, if you do write this, fold, ggeoggim control multi-column bar completely with the entrance into multiple accounts, allowing you to easily disassemble the bar is easy to keep the volume low. Fruit < harvesting, fruit < cutting, knife, mesh, ggeoggim

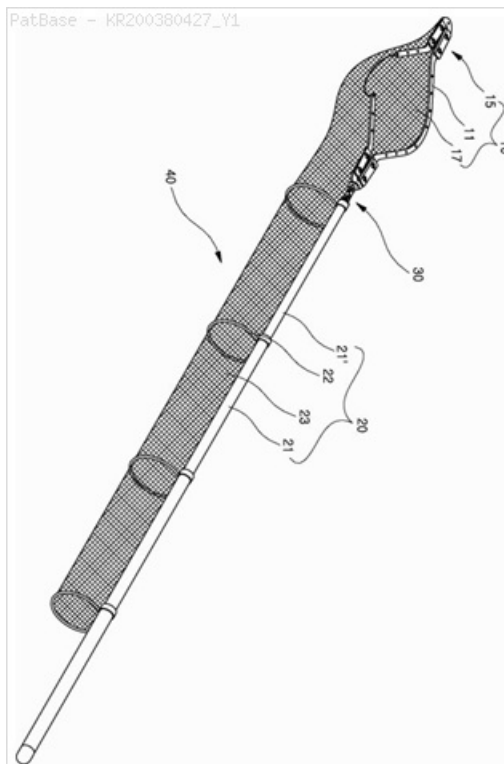
Classifications:

International (IPC 8-9): A01D46/24 (Advanced/Invention);

A01D46/24 (Advanced/Non-invention)

International (IPC 1-7): A01D46/24

CPC: A01D46/247 Y10S56/17



Family:

Publication number	Publication date	Application number	Application date
KR200380427 Y1	20050331	KR20050001303U	20050115

Priority:

KR20050001303U 20050115

Probable Assignee:

ONE SEONGPAN

Assignee(s):

ONE SEONGPAN

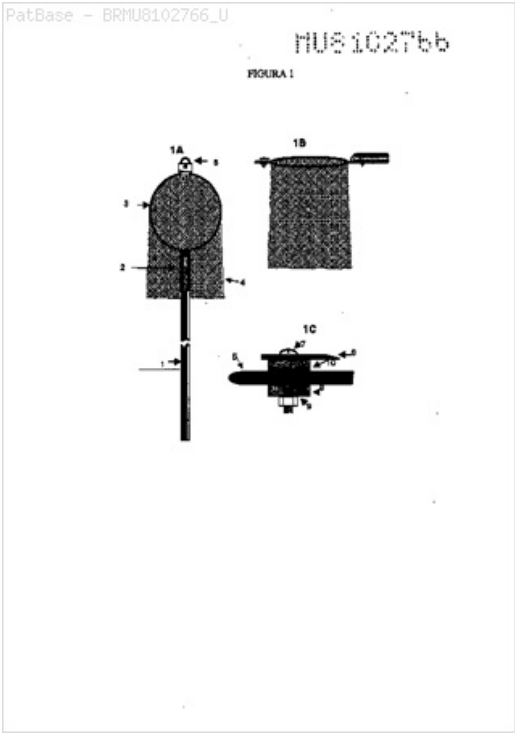
Title: colhedor manual de frutas.

Abstract: Source: BRMU8102766Y [PT] RESUMO COLHEDOR MANUAL DE FRUTAS O presente modelo de utilidade permite a colheita de frutas isentas de lesões ou manchas, conferindo alta qualidade ao produto colocado no mercado. Trata-se de um 5 colhedor de frutas caracterizado por compreender: (i) um elemento tubular alongado (1) extensível para possibilitar o alcance da fruta na copa da árvore; (ii) um elemento de fixação (2) para permitir o encaixe e travamento, em serviço, do recipiente para a fruta; (iii) um recipiente para a fruta consistindo de um suporte, em forma de aro (3) para um coletor (4) constituído de material apropriado para evitar danos a fruta colhida e tendo, na 10 direção oposta ao elemento de fixação (2), um prolongamento achatado (5) para servir de suporte ao sistema de corte e; (iv) um sistema de corte, montado no prolongamento (5) tendo um elemento de corte (6), disposto acima do prolongamento (5) e fixado a este através de meios (7), (8) e (9), estando distanciado do elemento (5) pelo provimento de distanciador (10) com espessura regulável em função do tamanho ideal da haste da fruta a 15 ser cortada.

Classifications:

International (IPC 8-9): A01D46/00 (Advanced/Invention);
A01D46/00 (Core/Invention)

International (IPC 1-7): A01D46/00



Family:

Publication number	Publication date	Application number	Application date
BRMU8102766 U	20050712	BR2001MU02766U	20011127
BRMU8102766 Y1	20081118	BR2001MU02766U	20011127

Priority:

BR2001MU02766U 20011127

Probable Assignee: EMBRAPA PESQUISA AGROPECUARIA

Assignee(s): (std): EMBRAPA EMPRESA BRASILEIRA DE ; EMBRAPA PESQUISA AGROPECUARIA

Assignee(s): EMBRAPA EMPRESA BRASILEIRA DE PESQUISA AGROPECUARI ; EMBRAPA EMPRESA BRASILEIRA DE PESQUISA AGROPECUARIA

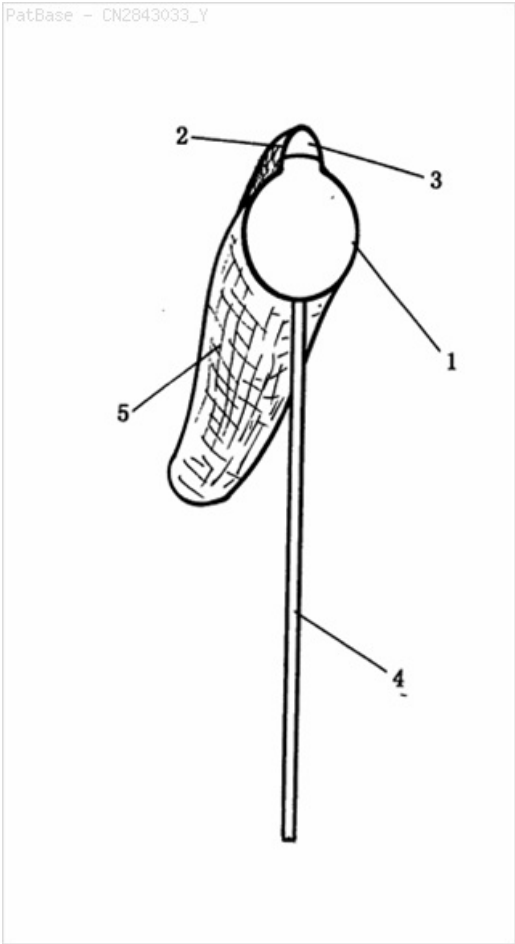
Inventor(s): (std): VARGAS RAMOS VITOR HUGO ; RAMOS VITOR HUGO VARGAS ; PINTO ALBERTO CARLOS DE QUEIRO ; DE QUEIROZ PINTO ALBERTO CARLOS

Inventor(s): ALBERTO CARLOS DE QUEIROZ PINTO ; VITOR HUGO VARGAS RAMOS

Title: Fruit picker

Abstract: The utility model provides a fruit picker. A end head arranged above a handle rod is connected with a circular frame, an arch ring is arranged above the circular frame and knife blades are arranged in the circular frame. The periphery of the circular frame is connected with a net bag. When the utility model is used, a user can hold the handle rod by a hand and sheathe the fruit by the circular frame, and then, the user lightly pull the handle rod. Thus, the fruit can be picked in the net bag through the knife blades. The utility model has the advantage of simple structure. The utility model is especially suitable for picking fruits on high positions.

Classifications:
International (IPC 8-9): A01D46/24 (Advanced/Invention);
A01D46/00 (Core/Invention)



Family:

Publication number	Publication date	Application number	Application date
 CN2843033 Y	20061206	CN200520098943U	20051123

Priority:

CN200520098943U 20051123

Probable Assignee:

LIANG WENJUN

Assignee(s): (std):

LIANG WENJUN

Inventor(s): (std):

LIANG WENJUN

Inventor(s):

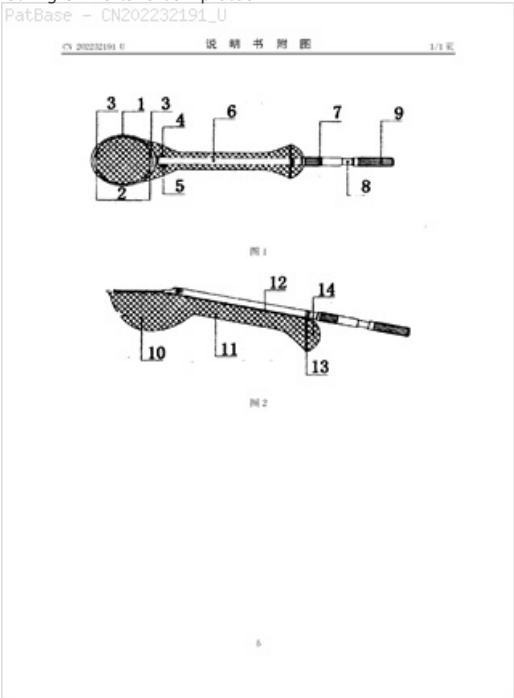
WENJUN LIANG

Title: Fruit picking device

Abstract: The utility model relates to a fruit picking device, which is a special tool for picking fruits. The fruit picking device consists of an angle-adjustable sleeve ring with an embedded blade, a retractable picking device rod, a fruit collection net, a sleeve net, a locking handle, a fixed handle, a bottom bag-shaped net and a bottom bag-shaped net fastener which can be opened and closed. When a fruit on a tree is picked, an operator firstly sheaths the fruit to be picked in the sleeve ring, the base of the fruit is cut off in a pushing or pulling way by using the blade on the sleeve ring, and the fruit falls down into the fruit collection net and rolls into the bottom bag-shaped net along the sleeve net. The bottom bag-shaped net fastener is opened, the fruit is taken out and the picking process of one fruit or a string of fruits is completed.

Classifications:

International (IPC 8-9): A01D46/22 A01D46/247 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
 CN202232191 U	20120530	CN201120048794U	20110228

Priority:

CN201120048794U 20110228

Probable Assignee:

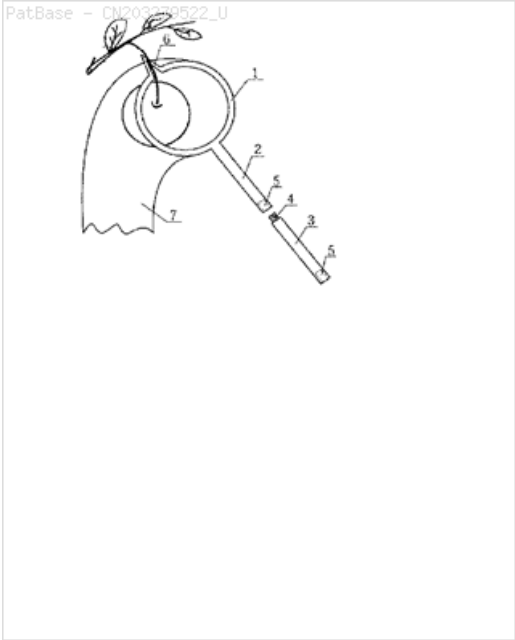
Assignee(s): (std):	YIQIANG CHENG
Assignee(s):	YIQIANG CHENG
Assignee(s):	CHENG YIQIANG
Inventor(s): (std):	YIQIANG CHENG
Inventor(s):	CHENG YIQIANG

Title: FRUIT PICKER

Abstract: A fruit picker comprises a steel ring and a handle, wherein the steel ring and the handle are made integrally. The fruit picker further comprises at least one connecting rod, wherein the top of the connecting rod is provided with an external thread. The connecting rod is in threaded connection with an internal thread arranged at the bottom of the handle through the external thread on the connecting rod. An inverted V-shaped blade is arranged on the steel ring. A fruit bag is arranged on the steel ring along the circumference of the steel ring. The fruit picker has the advantages that the long handle is in threaded connection with the connecting rod, and therefore the fruit picker is convenient to use and practical; multiple connecting rods can be mutually connected to increase the height of the overall fruit picker so that fruits at higher positions can be picked conveniently; the inverted V-shaped blade can quickly cut off a fruit stem and avoid slipping or damage to branches due to pulling; the whole fruit picker has the advantages of being simple in structure, convenient to operate and practical.

Classifications:

International (IPC 8-9): A01D46/247 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
 CN203279522 U	20131113	CN201320353100U	20130602

Priority:

CN201320353100U 20130602

Probable Assignee:

CHENG MIHONG

Assignee(s): (std):

CHENG MIHONG

Inventor(s): (std):

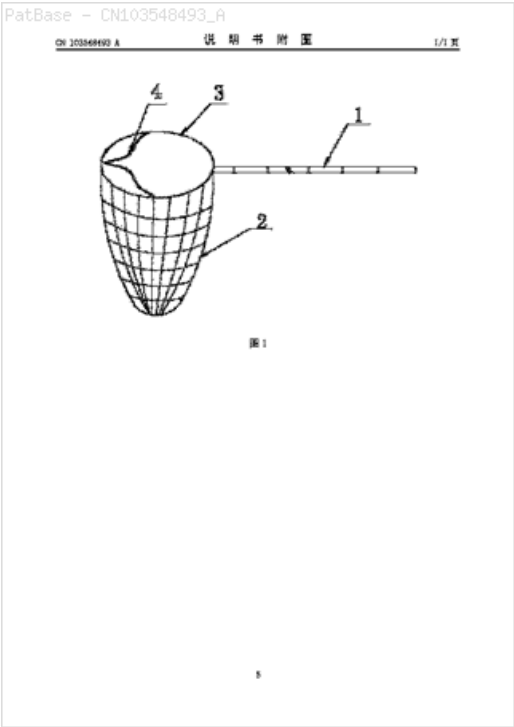
CHENG MIHONG

Title: FRUIT PICKER

Abstract: The invention discloses a fruit picker, which is mainly formed by a string bag, a long rod and a frame ring; the string bag is fixed on the frame ring fixedly connected to one end of the long rod; a cutting blade is arranged along the inner edge of the frame ring and is provided with a V-shaped opening; saw teeth are arranged on the opening. The fruit picker is simple in structure, simple to operate during use and safe and reliable.

Classifications:

International (IPC 8-9): A01D46/22 A01D46/247 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
 CN103548493 A	20140205	CN201310552608	20131108

Priority:

CN201310552608 20131108

Probable Assignee:

LAO ZHUO CHANG

Assignee(s): (std):

LAO ZHUO CHANG ; LAO ZHUOCHANG

Inventor(s): (std):

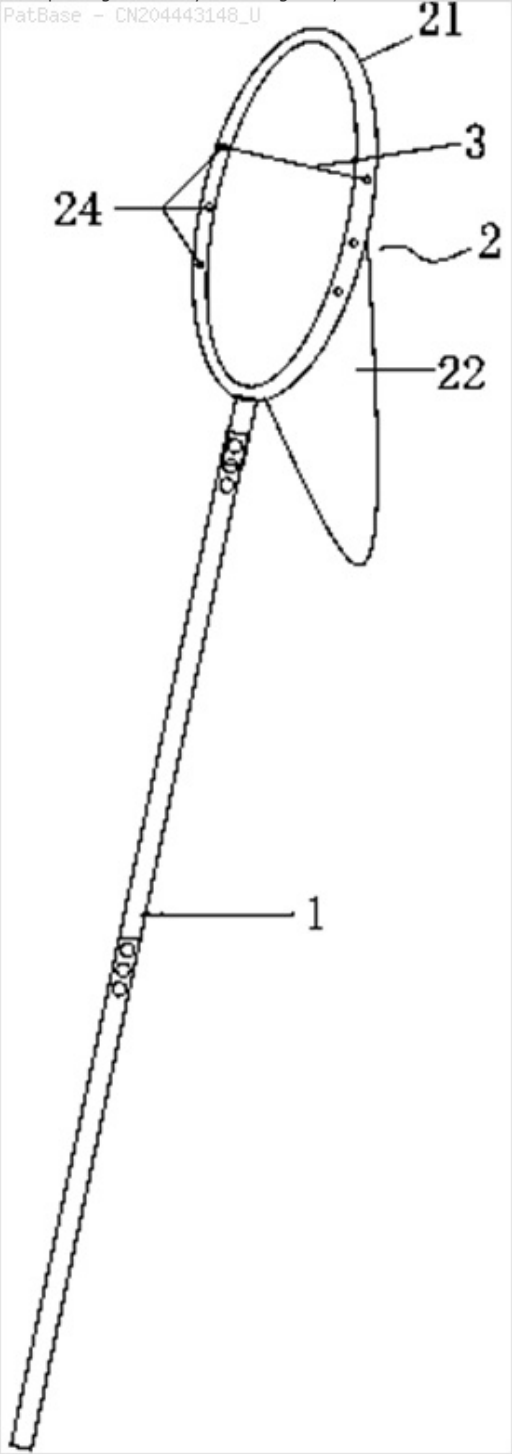
LAO ZHUOCHANG

Title: TELESCOPIC FRUIT PICKING DEVICE

Abstract: The utility model discloses a telescopic fruit picking device. The device comprises a telescopic arm, a fruit storing net bag and a blade, wherein the fruit storing net bag comprises a fixing ring, and a net bag body connected to the fixing ring; the telescopic arm comprises a plurality of cuboid tube sections which are sequentially sleeved with each other; the end parts of two adjacent cuboid tubes are fixedly connected through a bolt and a butterfly nut; a connector is formed in a fixing net frame and is fixedly connected with the upper end of the telescopic arm through a connecting part; three mounting openings for transversely inserting the blade are formed in the middle part of the fixing ring net frame; the blade can be inserted into the mounting openings and fixed through screws. The device is simple in structure, convenient to operate, easy to be manufactured, and small in manufacturing cost; when in use, the telescopic arm can be adjusted according to the fruit; the proper fruit storing net bag can be selected according to the fruit size in order to adapt to the picking of fruits/ clusters with different height and size; the mounting position of the blade can be selected to enable convenient picking and moving out of the fruits and clusters with different height and size, so that the fruit picking efficiency can be greatly increased.

Classifications:

International (IPC 8-9): A01D46/22 A01D46/247 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
 CN204443148 U	20150708	CN201520043006U	20150122

Priority:

CN201520043006U 20150122

Probable Assignee: SOUTH SUBTROPICAL CROPS RES INST CATAS

Assignee(s): (std): SOUTH SUBTROPICAL CROPS RES INST CATAS

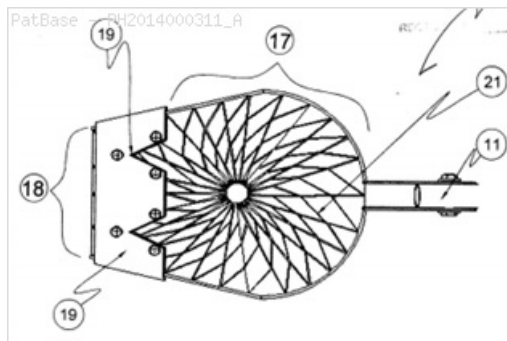
Assignee(s): SOUTH SUBTROPICAL CROPS RESEARCH INST CHINESE ACADEMY OF TROPICAL AGRICULTURAL SCIENCES ; SOUTH CHINA INST OF TROPICAL CROPS TROPICAL AGRICULTURAL SCIENCES
Inventor(s): (std): LI WEICAI ; LIU LIQIN ; LUO CHUN ; SHI SHENGZHI ; SHU BO ; WEI YONGZAN

Title: A MODIFIED FRUITS PICKER DEVICE

Abstract: The invention relates to modified fruit picker device. The modified fruit picker device will be used to enhance the harvesting practices and reduce the losses due to latex stain and mechanical damage of fruit. The modified fruit picker device will definitely assist the farmers or individual in maintaining the good quality of the fruit during harvest. The invention represents two types of designs according to its cutting mechanism namely, pull type picker and trigger type picker. For the pull type picker, cutting is done by inserting the fruit, uses pulling action and pointing the fruit peduncle to the V-shape frame end and quick release of the lever. It has elliptical frame ring, a catching net, a picker blade, and a v-shaped blade holder which is connected to the tractor cable for triggering device for the trigger type picker. It can be attach to a stainless steel

Classifications:

International (IPC 8-9): A01D46/22 A01D46/24 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
PH2014000311 A	20160523	PH20140000311	20141105

Priority:

PH20140000311 20141105

Probable Assignee: MONTEPIO ROGER C

Assignee(s): (std): MONTEPIO ROGER C

Inventor(s): (std): AROMIN JULIUS P ; BAYRON ROLAND C ; CATAYTAY JOIE D ; MONTEPIO ROGER C ; RAFOSALA BEN HUR C ; TABANYAG RALF A

Inventor(s): RALF A TABANYAG ; ROGER C MONTEPIO ; ROLAND C BAYRON ; JOIE D CATAYTAY ; JULIUS P AROMIN ; BEN HUR C RAFOSALA

Agent(s): JOEL G AYON