



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

## Bibliographic Information of Patents Granted Under R.A. 8293

### 1 INVENTIONS

[19]	<b>INTELLECTUAL PROPERTY PHILIPPINES</b>			
[12]	<b>INVENTION GRANT</b>			
[21]	<b>Registration Number:</b>	1/2015/000375	<b>Document Code:</b>	B1
[45]	<b>Issue Date:</b>	29 May 2024		
[22]	<b>Date Filed:</b>	06/11/2015		
[54]	<b>Title:</b>	METHOD FOR MANUFACTURING REINFORCED PLASTIC JACKETED DOUBLE-WALL TANK		
[71]	<b>Proprietors(s):</b>	TAMADA INDUSTRIES, INC. (JP)		
[72]	<b>Inventor(s):</b>	YOSHIAKI TAMADA(JP): SADAO ARAKI(JP): HIDEKI TOZAKI(JP)		
[73]	<b>Assignee(s):</b>	TAMADA INDUSTRIES, INC. (JP)		
[74]	<b>Attorney / Agent:</b>	SIGUION REYNA, MONTECILLO AND ONGSIAKO LAW OFFICES		
[30]	<b>Priority Data:</b>	2014-262630 25/12/2014 JP		
[51]	<b>International Class:</b>	B65D 88/76; B65D 90/02; B65D 90/04; B65D 90/50; F17C 1/04; F17C 3/00; F17C 3/02		
[57]	<b>Abstract:</b>	<p><b>[Problem to be Solved]</b>          Provided is a method for manufacturing a reinforced plastic jacketed double-wall tank that can facilitate coating formation of a reinforced plastic layer by assuredly securing a plastic film on a surface of a tank in a reinforced plastic jacketed double-wall undergrounded and used for storing hazardous materials and others.</p> <p><b>[Solution]</b>          There is provided a method for manufacturing a reinforced plastic jacketed double-wall tank by coating and forming reinforced plastic layer on a surface of a tank while forming an interstice between the surface of the tank and the reinforced plastic layer, the method comprising applying a coating material having fine particles mixed therein to part of the surface of the tank to form a coating layer having the fine particles protruding partially from a surface of the coating layer, securing the plastic film on a surface of the tank where the coating layer is not formed, coating a portion of the tank that is to be formed into a double-wall with the plastic film, and then coating and forming the reinforced plastic layer on the surface of the tank.</p>		



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

<b>Representative Drawing(s):</b>			
<b>[56]</b>	<b>Reference(s) Cited and/or Considered:</b>	<b>Document description</b>	
		WO 1998/008676 A1 (XERXES CORPORATION) 05 March 1998	
		US 4993581 A (MITCHELL, A. Ross) 19 February 1991	
		CN 202670520 U (JIANGSU AMPUTE EXPLOSION PREVENTION TECHNOLOGY CO LTD) 16 January 2013	
ISIC REV. 4	: C - 2220 Manufacture of plastics products		
No. of Claim(s)	: 4 claim/s	Drawing(s)	: 6 sheet/s
Multiple Dep. Claim(s)	: None	Description, Claims and Abstract	: 24 page/s
Specie/s Claim(s)	: None	Sequence Listings	: None
Total No. of Claim(s)	: 4 claim/s		



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

[19]	<b>INTELLECTUAL PROPERTY PHILIPPINES</b>									
[12]	<b>INVENTION GRANT</b>									
[21]	Registration Number:	1/2016/000252	Document Code:	B1						
[45]	Issue Date:	29 May 2024								
[22]	Date Filed:	18/07/2016								
[54]	Title:	IMAGE FORMING APPARATUS								
[71]	Proprietor(s):	CANON KABUSHIKI KAISHA (JP)								
[72]	Inventor(s):	SAWADA, Hirohisa(JP)								
[73]	Assignee(s):	CANON KABUSHIKI KAISHA (JP)								
[74]	Attorney / Agent:	SALUDO TALEON AND ASSOCIATES								
[30]	Priority Data:	2015-144580 22/07/2015 JP								
[51]	International Class:	H04N 1/00								
[57]	Abstract:	<p>An image forming apparatus includes a panel portion connected with a control portion of an apparatus body and being capable of executing at least one of functions of displaying information obtained from the control portion and of inputting information to the control portion, and an antenna capable of transmitting/receiving radio waves to/from a mobile terminal brought close to the antenna. The NFC substrate can make communication between the mobile terminal brought close to the antenna and the control portion by a near field communication system. The antenna is provided under and in a vicinity of the panel portion in a front view of the panel portion.</p>								
	Representative Drawing(s):									
[56]	Reference(s) Cited and/or Considered:	<table border="1"> <thead> <tr> <th colspan="2">Document description</th> </tr> </thead> <tbody> <tr> <td>US2014146334 A1 (YUZAWA, Atsuyuki)</td> <td>29 May 2014</td> </tr> <tr> <td>US2012243042 A1 (UCHIDA, Satomi)</td> <td>27 September 2012</td> </tr> </tbody> </table>			Document description		US2014146334 A1 (YUZAWA, Atsuyuki)	29 May 2014	US2012243042 A1 (UCHIDA, Satomi)	27 September 2012
Document description										
US2014146334 A1 (YUZAWA, Atsuyuki)	29 May 2014									
US2012243042 A1 (UCHIDA, Satomi)	27 September 2012									



Intellectual Property Center, 28 Upper McKinley Rd.  
McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

ISIC REV. 4	: C-1811 (Printing)		
No. of Claim(s)	: 14 claim/s	Drawing(s)	: 11 sheet/s
Multiple Dep. Claim(s)	: None	Description, Claims and Abstract	: 29 page/s
Specie/s Claim(s)	: None	Sequence Listings	: None
Total No. of Claim(s)	: 14 claim/s		



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

[19]	<b>INTELLECTUAL PROPERTY PHILIPPINES</b>		
[12]	<b>INVENTION GRANT</b>		
[21]	Registration Number:	1/2016/000271	Document Code: B1
[45]	Issue Date:	29 May 2024	
[22]	Date Filed:	03/08/2016	
[54]	Title:	DATA RECONCILIATION	
[71]	Proprietors(s):	ACCENTURE GLOBAL SERVICES LIMITED (IE)	
[72]	Inventor(s):	GHATAGE, Prakash(IN); THANGARAJ, Naveen KUMAR(IN); FERNANDES, SEBASTIAN(IN); PODDER, SANJAY(IN)	
[73]	Assignee(s):	ACCENTURE GLOBAL SERVICES LIMITED (IE)	
[74]	Attorney / Agent:	ORTEGA BACORRO ODULIO CALMA & CARBONELL	
[30]	Priority Data:	4046/CHE/2015 04/08/2015 IN and 14/922,487 26/10/2015 US	
[51]	International Class:	G06Q 20/38	
[57]	Abstract:	<p>Methods, systems, and apparatus, including computer programs encoded on a computer storage medium, for reconciliation data. The methods include actions of determining to perform a reconciliation task between transactions of a primary type and transactions of a secondary type, determining a reconciliation profile associated with the reconciliation task, obtaining reconciliation rules associated with the reconciliation profile from a reconciliation rule database, obtaining primary records of the primary type and secondary records of the secondary type based on the reconciliation profile, identifying matching transactions in the primary records and the secondary records and identifying unmatched transactions in the primary records and secondary records based on the reconciliation rules, providing an indication of the matched transactions and the unmatched transactions, receiving input specifying a match between an unmatched primary record transaction and an unmatched secondary record transaction, and identifying the unmatched primary record transaction and the unmatched secondary record transaction as matching.</p>	
	Representative Drawing(s):	<p>FIG. 1</p>	



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

		<b>Document description</b>	
<b>[56]</b>	<b>Reference(s) Cited and/or Considered:</b>	US 2012/0109812 A1 (HINKLE, Hal et al.) 03 May 2012 (03.05.2012)	
		US 2011/0208623 A1 (TANDON, Anju et al.) 25 August 2011 (25.08.2011)	
		US 2014/164194 A1 (LANDRY, JR. John P. et al.) 12 June 2014 (12.06.2014)	
		US 2005/0187852 A1 (HWANG, Aimeelene G.) 25 August 2005 (25.08.2014)	
		US 8,706,758 B2 (CHEW, Peter A.) 22 April 2014 (22.04.2014)	
		ISIC REV. 4 : J-6201 (Computer programming activities)	
No. of Claim(s)	: 20 claim/s	Drawing(s)	: 6 sheet/s
Multiple Dep. Claim(s)	: None	Description, Claims and Abstract	: 41 page/s
Specie/s Claim(s)	: N/A	Sequence Listings	: N/A
Total No. of Claim(s)	: 20 claim/s		



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

[19]	<b>INTELLECTUAL PROPERTY PHILIPPINES</b>		
[12]	<b>INVENTION GRANT</b>		
[21]	Registration Number:	1/2017/000036	Document Code: B1
[45]	Issue Date:	29 May 2024	
[22]	Date Filed:	08/02/2017	
[54]	Title:	LAMINATE FOR PRINTED WIRING BOARD, METHOD OF MANUFACTURING PRINTED WIRING BOARD, AND METHOD OF MANUFACTURING ELECTRONIC DEVICE	
[71]	Proprietors(s):	JX NIPPON MINING & METALS CORPORATION (JP)	
[72]	Inventor(s):	MIKI, Atsushi(JP); KANMURI, Kazuki(JP)	
[73]	Assignee(s):	JX NIPPON MINING & METALS CORPORATION (JP)	
[74]	Attorney / Agent:	CRUZ MARCELO & TENEFRANCIA	
[30]	Priority Data:	2016-023187 09/02/2016 JP	
[51]	International Class:	H05K 1/02; H05K 1/09; H05K 3/06; H05K 3/42; H05K 3/46	
[57]	Abstract:	<p>A laminate for printed wiring board is used in a method of manufacturing printed wiring boards that includes a process of forming a circuit by any one of a semi-additive method, a partly additive method, a modified semi-additive method, and an embedding method. The laminate includes an insulating resin substrate, a metal layer 1 and a metal layer 2 in this order. When a cross section that is parallel to the thickness direction of the laminate is processed by means of ion milling and the cross sections of the metal layer 1 and the metal layer 2 were observed with EBSD, each of the metal layer 1 and the metal layer 2 has one or plural crystal grain(s) at the processed cross section, and an area ratio of the total area of crystal grains of which a difference in angle of the &lt;100&gt; crystal direction from a perpendicular of the processed cross section is 15 degrees or less from among the one or plural crystal grains to the total area of the plural crystal grains was 15% or higher but less than 97% in the metal layer 1 and the metal layer 2.</p>	
	Representative Drawing(s):		



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

		Document description	
[56]	Reference(s) Cited and/or Considered:	US 2013/0098665 A1 (ISHII, Yu et al.) 25 April 2013	
		CN 102782174 A (NIPPON STEEL CHEMICAL CO) 14 November 2012	
ISIC REV. 4	: C2610 - Manufacture of electronic components and boards		
No. of Claim(s)	: 15 claim/s	Drawing(s)	: 1 sheet/s
Multiple Dep. Claim(s)	: 2	Description, Claims and Abstract	: 50 page/s
Specie/s Claim(s)	: N/A	Sequence Listings	: N/A
Total No. of Claim(s)	: 17 claim/s		





Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

[19]	<b>INTELLECTUAL PROPERTY PHILIPPINES</b>								
[12]	<b>INVENTION GRANT</b>								
[21]	Registration Number:	1/2017/000050	Document Code: B1						
[45]	Issue Date:	29 May 2024							
[22]	Date Filed:	20/02/2017							
[54]	Title:	FLOATING DEVICE FOR MOUNTING PHOTOELECTRIC BOARDS							
[71]	Proprietor(s):	MAGIC-FLOAT ENTERPRISE CO., LTD. (TW)							
[72]	Inventor(s):	Kou-Hsiang TSOU(TW)							
[73]	Assignee(s):	MAGIC-FLOAT ENTERPRISE CO., LTD. (TW)							
[74]	Attorney / Agent:	FEDERIS AND ASSOCIATES LAW OFFICES							
[30]	Priority Data:	105135379 01/11/2016 TW							
[51]	International Class:	B63B 35/44; H01L 31/048; H02S 20/00							
[57]	Abstract:	<p>A floating device for mounting photoelectric boards includes a body (20) having first and second ends (21, 22) opposite to each other in a longitudinal direction. The body (20) further includes a bottom (23) and a top (24) opposite to the bottom (23) in a vertical direction perpendicular to the longitudinal direction. A first thickness of the first end (21) of the body (20) between the top (24) and the bottom (23) is different from a second thickness of the second end (22) of the body (20) between the top (24) and the bottom (23). The top (24) of the body (20) includes at least one first sliding groove (27) extending in a direction parallel to the longitudinal direction. A clamping unit (30) includes at least one first clamping device (31) mounted in the at least one first sliding groove (27) and slideable relative to the body (20).</p>							
	Representative Drawing(s):								
[56]	Reference(s) Cited and/or Considered:	<table border="1"> <thead> <tr> <th colspan="2">Document description</th> </tr> </thead> <tbody> <tr> <td>CN 203788226 U (MAGIC FLOAT ENTPR CO LTD)</td> <td>20 August 2014</td> </tr> <tr> <td>CN 105897127 A (GAO, Fangchao)</td> <td>24 August 2016</td> </tr> </tbody> </table>		Document description		CN 203788226 U (MAGIC FLOAT ENTPR CO LTD)	20 August 2014	CN 105897127 A (GAO, Fangchao)	24 August 2016
Document description									
CN 203788226 U (MAGIC FLOAT ENTPR CO LTD)	20 August 2014								
CN 105897127 A (GAO, Fangchao)	24 August 2016								



Intellectual Property Center, 28 Upper McKinley Rd.  
McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

ISIC REV. 4	: C-2610 Manufacturing		
No. of Claim(s)	: 9 claim/s	Drawing(s)	: 8 sheet/s
Multiple Dep. Claim(s)	: 0	Description, Claims and Abstract	: 17 page/s
Specie/s Claim(s)	: N/A	Sequence Listings	: N/A
Total No. of Claim(s)	: 9 claim/s		



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

[19]	<b>INTELLECTUAL PROPERTY PHILIPPINES</b>								
[12]	<b>INVENTION GRANT</b>								
[21]	Registration Number:	1/2017/000090	Document Code: B1						
[45]	Issue Date:	29 May 2024							
[22]	Date Filed:	23/03/2017							
[54]	Title:	ANALYSIS SYSTEM							
[71]	Proprietors(s):	UNIVERSAL ENTERTAINMENT CORPORATION (JP)							
[72]	Inventor(s):	TAKEDA, Kengo(JP)							
[73]	Assignee(s):	UNIVERSAL ENTERTAINMENT CORPORATION (JP)							
[74]	Attorney / Agent:	SAPALO VELEZ BUNDANG & BULILAN LAW OFFICES							
[30]	Priority Data:	2016-057942 23/03/2016 JP							
[51]	International Class:	A63F 5/04; G07F 17/32; G07F 17/34							
[57]	Abstract:	It is made possible to detect abnormality caused on a gaming machine. An analysis system includes: a storage device for storing a bet amount and a payout amount which are transmitted from a gaming machine; and an information processing device being operable to calculate a winning ratio based on the bet amount and the payout amount which are stored in the storage device, and the information processing device detects that abnormality has been caused on the gaming machine, when a winning ratio after increasing the bet amount is greater than or equal to a threshold value.							
	Representative Drawing(s):								
[56]	Reference(s) Cited and/or Considered:	<table border="1"> <thead> <tr> <th colspan="2">Document description</th> </tr> </thead> <tbody> <tr> <td>JP 2012100940 A (UNIVERSAL ENTERTAINMENT CORP; ARUZE GAMING AMERICA INC) 31 May 2012</td> <td></td> </tr> <tr> <td>US 6676517 B2 (BEAVERS, Anthony) 13 January 2004</td> <td></td> </tr> </tbody> </table>		Document description		JP 2012100940 A (UNIVERSAL ENTERTAINMENT CORP; ARUZE GAMING AMERICA INC) 31 May 2012		US 6676517 B2 (BEAVERS, Anthony) 13 January 2004	
Document description									
JP 2012100940 A (UNIVERSAL ENTERTAINMENT CORP; ARUZE GAMING AMERICA INC) 31 May 2012									
US 6676517 B2 (BEAVERS, Anthony) 13 January 2004									



Intellectual Property Center, 28 Upper McKinley Rd.  
McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

ISIC REV. 4	: R-9200 (Gambling and betting activities)		
No. of Claim(s)	: 9 claim/s	Drawing(s)	: 66 sheet/s
Multiple Dep. Claim(s)	: 0	Description, Claims and Abstract	: 139 page/s
Specie/s Claim(s)	: N/A	Sequence Listings	: N/A
Total No. of Claim(s)	: 9 claim/s		



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

[19]	<b>INTELLECTUAL PROPERTY PHILIPPINES</b>								
[12]	<b>INVENTION GRANT</b>								
[21]	Registration Number:	1/2017/000232	Document Code: B1						
[45]	Issue Date:	29 May 2024							
[22]	Date Filed:	15/08/2017							
[54]	Title:	DRYING METHOD AND APPARATUS USING DEHUMIDIFIED AND SOLAR PREHEATED AIR							
[71]	Proprietor(s):	DE LA SALLE UNIVERSITY (PH)							
[72]	Inventor(s):	Dr. UBANDO, Aristotle T.(PH): Prof. CULABA, Alvin B., PhD (PH)							
[73]	Assignee(s):	DE LA SALLE UNIVERSITY (PH)							
[74]	Attorney / Agent:	NONE							
[30]	Priority Data:	NONE							
[51]	International Class:	F24J 2/05; F26B 21/04; F26B 21/08							
[57]	Abstract:	<p>A drying apparatus includes a drying chamber (5) for storing a to-be-dried article, a fan (9) for drawing moist air outwardly of the drying chamber (5), a solar air heater (3) with an outlet section (32) connected to the drying chamber (5) at an inlet port (51) of the drying chamber (5), and a desiccant unit (2) connected to an inlet section (31) of the solar air heater (3). An ambient air stream passes in sequence through the desiccant unit (2) for moisture removal and then through the solar air heater (3) for preheating using solar energy prior to flowing into the drying chamber (5). Also disclosed is a method for drying a to-be-dried article inside a drying chamber (5) using air that is dried through a desiccant unit (2) and then heated with solar heat energy prior to flowing into the drying chamber (5).</p>							
	Representative Drawing(s):								
[56]	Reference(s) Cited and/or Considered:	<table border="1"> <thead> <tr> <th colspan="2">Document description</th> </tr> </thead> <tbody> <tr> <td>US2014182158 A1 (GHOSH, Pushpito Kumar et. al.)</td> <td>03 July 2014</td> </tr> <tr> <td>US2012227279 A1 (DEWALD, Charles III et. al.)</td> <td>13 September 2012</td> </tr> </tbody> </table>		Document description		US2014182158 A1 (GHOSH, Pushpito Kumar et. al.)	03 July 2014	US2012227279 A1 (DEWALD, Charles III et. al.)	13 September 2012
Document description									
US2014182158 A1 (GHOSH, Pushpito Kumar et. al.)	03 July 2014								
US2012227279 A1 (DEWALD, Charles III et. al.)	13 September 2012								



Intellectual Property Center, 28 Upper McKinley Rd.  
McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

ISIC REV. 4	: C-1030 Processing and preserving of fruit and vegetables		
No. of Claim(s)	: 19 claim/s	Drawing(s)	: 4 sheet/s
Multiple Dep. Claim(s)	: 0	Description, Claims and Abstract	: 18 page/s
Specie/s Claim(s)	: N/A	Sequence Listings	: N/A
Total No. of Claim(s)	: 19 claim/s		



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

[19]	<b>INTELLECTUAL PROPERTY PHILIPPINES</b>		
[12]	<b>INVENTION GRANT</b>		
[21]	Registration Number:	1/2018/000464	Document Code: B1
[45]	Issue Date:	29 May 2024	
[22]	Date Filed:	21/12/2018	
[54]	Title:	<b>USE OF PLACEABLE MARKER COMPONENTS FOR A STAGED PLACEMENT OF COMPONENT ON A CARRIER</b>	
[71]	Proprietors(s):	ASMPT GmbH & Co. KG (DE)	
[72]	Inventor(s):	PRUEFER, Martin(DD); DEMMEL, Sylvester(DD)	
[73]	Assignee(s):	ASMPT GmbH & Co. KG (DE)	
[74]	Attorney / Agent:	CRUZ MARCELO & TENEFRANCIA	
[30]	Priority Data:	10 2017 131 322.2 27/12/2017 DD	
[51]	International Class:	H05K 13/00; H05K 13/08	
[57]	Abstract:	<p>A method and a placement machine (500) for equipping a carrier (150, 250, 350, 450) with components (192) is described. The procedure features (a) positioning of the carrier in a first spatial location within the placement machine, such that components (192) in a first section (160) of the carrier are placeable by a placement head (520a-d) of the placement machine; (b) placement, by means of the placement head, of a multitude of marker components (190,390) on the carrier in an overlap area (180, 280) of the carrier; (c) transferring of the carrier along a transport direction ( 150a) into a second spatial location within the placement machine, wherein the second spatial location is selected such that (c1) components in a second section ( 170) of the carrier are placeable by the placement head and that (c2) the marker components placed in the overlap area are optically detectable by a camera (524a-d); (d) second optical detection by means of the camera of the marker components placed in the overlap area; and (e) placement of a multitude of components on the carrier in predefined placement positions within the second section, wherein the spatial locations of the placement positions on the carrier depend at least on the result of the second optical detection of the placed marker components.</p>	
	Representative Drawing(s):		



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**

**Date Released: May 29, 2024**

	Reference(s) Cited and/or Considered:	<b>Document description</b>																						
[56]		US 5862586 A / KIMURA, Akira / 26 January 1999																						
		US 2012015458 A1 / TAKAYOSHI, Akamatsu, et al. / 19 January 2012																						
<table> <tr> <td>ISIC REV. 4</td> <td>: C-3290 (Other manufacturing n.e.c.)</td> <td></td> <td></td> </tr> <tr> <td>No. of Claim(s)</td> <td>: 17 claim/s</td> <td>Drawing(s)</td> <td>: 8 sheet/s</td> </tr> <tr> <td>Multiple Dep. Claim(s)</td> <td>: 28</td> <td>Description, Claims and Abstract</td> <td>: 31 page/s</td> </tr> <tr> <td>Specie/s Claim(s)</td> <td>: n/a</td> <td>Sequence Listings</td> <td>: 0</td> </tr> <tr> <td>Total No. of Claim(s)</td> <td>: 45 claim/s</td> <td></td> <td></td> </tr> </table>					ISIC REV. 4	: C-3290 (Other manufacturing n.e.c.)			No. of Claim(s)	: 17 claim/s	Drawing(s)	: 8 sheet/s	Multiple Dep. Claim(s)	: 28	Description, Claims and Abstract	: 31 page/s	Specie/s Claim(s)	: n/a	Sequence Listings	: 0	Total No. of Claim(s)	: 45 claim/s		
ISIC REV. 4	: C-3290 (Other manufacturing n.e.c.)																							
No. of Claim(s)	: 17 claim/s	Drawing(s)	: 8 sheet/s																					
Multiple Dep. Claim(s)	: 28	Description, Claims and Abstract	: 31 page/s																					
Specie/s Claim(s)	: n/a	Sequence Listings	: 0																					
Total No. of Claim(s)	: 45 claim/s																							





Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

[19]	<b>INTELLECTUAL PROPERTY PHILIPPINES</b>								
[12]	<b>INVENTION GRANT</b>								
[21]	Registration Number:	1/2019/000004	Document Code: B1						
[45]	Issue Date:	29 May 2024							
[22]	Date Filed:	03/01/2019							
[54]	Title:	<b>SYSTEMS FOR MANAGING BATTERIES AND ASSOCIATED METHODS</b>							
[71]	Proprietors(s):	GOGORO INC. (CN)							
[72]	Inventor(s):	VICKERY, Daniel(US): LAI, Yun-Chun(TW): CHUANG, Sheng-Chin(TW): SHIH, I-Fen(TW): CHEN, Chien-Chung(TW)							
[73]	Assignee(s):	GOGORO INC. (CN)							
[74]	Attorney / Agent:	VILLARAZA & ANGANGCO							
[30]	Priority Data:	62/612,204 29/12/2017 US and 62/612,214 29/12/2017 US							
[51]	International Class:	B60L 11/18; H01M 10/46							
[57]	Abstract:	<p>The present disclosure relates to methods and associated systems for providing two energy storage devices positioned in a device-exchange station. The method includes, for example, (1) receiving a request for retrieving two energy storage devices in the device-exchange station; (2) selecting a first energy storage device from a plurality of energy storage devices positioned in the device exchange station based on characteristic information of each of the energy storage devices; (3) selecting a second energy storage device from the rest of the plurality of energy storage devices positioned in the device-exchange station based on the characteristic information of the first energy storage device and the rest of the plurality of energy storage devices; and (4) releasing the first and second energy storage device.</p>							
	Representative Drawing(s):								
[56]	Reference(s) Cited and/or Considered:	<table border="1"> <thead> <tr> <th colspan="2">Document description</th> </tr> </thead> <tbody> <tr> <td>JP2015015827 A (RESC LTD)</td> <td>22 January 2015</td> </tr> <tr> <td>JP2017091425 A (OMRON TATEISI ELECTRONICS CO)</td> <td>25 January 2017</td> </tr> </tbody> </table>		Document description		JP2015015827 A (RESC LTD)	22 January 2015	JP2017091425 A (OMRON TATEISI ELECTRONICS CO)	25 January 2017
Document description									
JP2015015827 A (RESC LTD)	22 January 2015								
JP2017091425 A (OMRON TATEISI ELECTRONICS CO)	25 January 2017								



Intellectual Property Center, 28 Upper McKinley Rd.  
McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

ISIC REV. 4	: C-2720 (Manufacture of batteries and accumulators)		
No. of Claim(s)	: 20 claim/s	Drawing(s)	: 14 sheet/s
Multiple Dep. Claim(s)	: None	Description, Claims and Abstract	: 52 page/s
Specie/s Claim(s)	: N/A	Sequence Listings	: N/A
Total No. of Claim(s)	: 20 claim/s		



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

[19]	<b>INTELLECTUAL PROPERTY PHILIPPINES</b>								
[12]	<b>INVENTION GRANT</b>								
[21]	Registration Number:	1/2019/000190	Document Code: B1						
[45]	Issue Date:	29 May 2024							
[22]	Date Filed:	16/05/2019							
[54]	Title:	RESIN MOLDING APPARATUS AND METHOD FOR MANUFACTURING RESIN MOLDED PRODUCT							
[71]	Proprietors(s):	TOWA CORPORATION (JP)							
[72]	Inventor(s):	TAKAHASHI, Takafumi(JP): OGAWA, Keisuke(JP): KANAMARU, Hiroyuki(JP): KUMAMI, Hiroki(JP)							
[73]	Assignee(s):	TOWA CORPORATION (JP)							
[74]	Attorney / Agent:	SIGUION REYNA, MONTECILLO & ONGSIAKO LAW OFFICES							
[30]	Priority Data:	JP2018-110281 08/06/2018 JP							
[51]	International Class:	B29C 45/02; B29C 45/76; B29C 45/80							
[57]	Abstract:	<p>There is provided a resin molding apparatus and a method for manufacturing a resin molded product, capable of positioning an object to be molded on a mold chase with high precision. The resin molding apparatus is a resin molding apparatus which transfer-molds an object to be molded, the object including a metal portion, and includes: an upper mold chase; a lower mold chase facing the upper mold chase and including a cavity; a transport mechanism configured to transport the object between the upper mold chase and the lower mold chase; a first protrusion member provided at a position corresponding to the metal portion of the object, and protrusible from an upper surface of the lower mold chase; a second protrusion member protrusible from a bottom surface of the cavity; a drive mechanism capable of controlling independently an amount by which the first protrusion member protrudes from the upper surface of the lower mold chase and an amount by which the second protrusion member protrudes from the bottom surface of the cavity; and a heating mechanism capable of heating the lower mold chase.</p>							
	Representative Drawing(s):								
[56]	Reference(s) Cited and/or Considered:	<table border="1"> <thead> <tr> <th colspan="2">Document description</th> </tr> </thead> <tbody> <tr> <td>JP 2011-159876 A (DENSO CORP)</td> <td>18 August 2011</td> </tr> <tr> <td>US 2010013120 A1 (HO SHU CHUEN et al.)</td> <td>21 January 2010</td> </tr> </tbody> </table>		Document description		JP 2011-159876 A (DENSO CORP)	18 August 2011	US 2010013120 A1 (HO SHU CHUEN et al.)	21 January 2010
Document description									
JP 2011-159876 A (DENSO CORP)	18 August 2011								
US 2010013120 A1 (HO SHU CHUEN et al.)	21 January 2010								



Intellectual Property Center, 28 Upper McKinley Rd.  
McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**

**Date Released: May 29, 2024**

ISIC REV. 4	: C2220 Manufacture of plastics products		
No. of Claim(s)	: 6 claim/s	Drawing(s)	: 9 sheet/s
Multiple Dep. Claim(s)	: 2	Description, Claims and Abstract	: 20 page/s
Specie/s Claim(s)	: n/a	Sequence Listings	: n/a
Total No. of Claim(s)	: 8 claim/s		



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

[19]	<b>INTELLECTUAL PROPERTY PHILIPPINES</b>		
[12]	<b>INVENTION GRANT</b>		
[21]	Registration Number:	1/2019/050234	Document Code: B1
[45]	Issue Date:	29 May 2024	
[22]	Date Filed:	16/10/2019	
[54]	Title:	FRAUD PREVENTION SYSTEM AND INFORMATION PROCESSING DEVICE	
[71]	Proprietor(s):	Universal Entertainment Corporation (JP)	
[72]	Inventor(s):	HAISHIMA, Jun(JP)	
[73]	Assignee(s):	Universal Entertainment Corporation (JP)	
[74]	Attorney / Agent:	Sapalo Velez Bundang & Bulilan Law Offices	
[30]	Priority Data:	2018-194782 16/10/2018 JP	
[51]	International Class:	G07F 17/32; G07D 7/00	
[57]	Abstract:	<p>A gaming machine includes: a reading part which reads information card identification information unique to an information card; a bill validator capable of inserting a game value from outside; and a transmission part which transmits insertion information representing an insertion amount of the game value and an insertion time thereof and payout information representing a payout amount of the game value paid out and a payout time thereof in association with the information card identification information and gaming machine identification information unique to the gaming machine, and an information processing device includes a determination part that determines the presence of a fraudulent act based upon the insertion information and the payout information in the plurality of gaming machines associated with the same information card identification information.</p>	
Representative Drawing(s):			



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

<b>[56]</b>	<b>Reference(s) Cited and/or Considered:</b>	<b>Document description</b>																					
		US 2017/0278349 A1 (TAKEDA, Kengo) 28 September 2017																					
		US 2012/115571 A1 (KITAMURA, Kenta; FUJISAWA, Masumi) 10 May 2012																					
		US2010/210343 A1 (ENGLMAN, Allon; VANN, Jamie W) 19 August 2010																					
<table style="width: 100%; border: none;"> <tr> <td style="width: 20%;">ISIC REV. 4</td> <td style="width: 40%;">: C-3240 Manufacture of games and toys</td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> </tr> <tr> <td>No. of Claim(s)</td> <td>: 1-8 claim/s</td> <td>Drawing(s)</td> <td>: 13 sheet/s</td> </tr> <tr> <td>Multiple Dep. Claim(s)</td> <td>: None</td> <td>Description, Claims and Abstract</td> <td>: 45 page/s</td> </tr> <tr> <td>Specie/s Claim(s)</td> <td>: None</td> <td>Sequence Listings</td> <td>: None</td> </tr> <tr> <td>Total No. of Claim(s)</td> <td>: 8 claim/s</td> <td></td> <td></td> </tr> </table>				ISIC REV. 4	: C-3240 Manufacture of games and toys			No. of Claim(s)	: 1-8 claim/s	Drawing(s)	: 13 sheet/s	Multiple Dep. Claim(s)	: None	Description, Claims and Abstract	: 45 page/s	Specie/s Claim(s)	: None	Sequence Listings	: None	Total No. of Claim(s)	: 8 claim/s		
ISIC REV. 4	: C-3240 Manufacture of games and toys																						
No. of Claim(s)	: 1-8 claim/s	Drawing(s)	: 13 sheet/s																				
Multiple Dep. Claim(s)	: None	Description, Claims and Abstract	: 45 page/s																				
Specie/s Claim(s)	: None	Sequence Listings	: None																				
Total No. of Claim(s)	: 8 claim/s																						



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

[19]	<b>INTELLECTUAL PROPERTY PHILIPPINES</b>								
[12]	<b>INVENTION GRANT</b>								
[21]	Registration Number:	1/2020/050062	Document Code: B1						
[45]	Issue Date:	29 May 2024							
[22]	Date Filed:	07/04/2020							
[54]	Title:	PROCESSING METHOD AND THERMOCOMPRESSSION BONDING METHOD FOR WORKPIECE							
[71]	Proprietors(s):	DISCO CORPORATION (JP)							
[72]	Inventor(s):	YAMAMOTO, Naoko(JP): YODO, Yoshiaki(JP): KUBO, Atsushi(JP)							
[73]	Assignee(s):	DISCO CORPORATION (JP)							
[74]	Attorney / Agent:	BARANDA & ASSOCIATES							
[30]	Priority Data:	2019-078622 17/04/2019 JP							
[51]	International Class:	H01L 21/02; H01L 21/447; H01L 21/67							
[57]	Abstract:	<p>A processing method for a workpiece, which includes a stacking step of stacking a sheet and a flat plate on a front side of the workpiece to form a stack, a thermocompression bonding step of thermocompression bonding the sheet to the workpiece while planarizing the sheet with the flat plate by heating the sheet and applying an external force to the stack, a holding step of holding the workpiece via the sheet by a holding table having a transparent portion, an alignment step of performing an alignment by imaging the workpiece through the transparent portion and the sheet, and a processing step of processing the workpiece by a processing unit.</p>							
	Representative Drawing(s):								
[56]	Reference(s) Cited and/or Considered:	<table border="1"> <thead> <tr> <th colspan="2">Document description</th> </tr> </thead> <tbody> <tr> <td>US 9659902 B2 (WASSERMAN, Matthew)</td> <td>23 May 2017</td> </tr> <tr> <td>KR 101788021 B1 (HANMISEMICONDUCTOR CO., LTD.)</td> <td>23 October 2017</td> </tr> </tbody> </table>		Document description		US 9659902 B2 (WASSERMAN, Matthew)	23 May 2017	KR 101788021 B1 (HANMISEMICONDUCTOR CO., LTD.)	23 October 2017
Document description									
US 9659902 B2 (WASSERMAN, Matthew)	23 May 2017								
KR 101788021 B1 (HANMISEMICONDUCTOR CO., LTD.)	23 October 2017								



Intellectual Property Center, 28 Upper McKinley Rd.  
McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

ISIC REV. 4	: C-2592 Treatment and coating of metals; : machining		
No. of Claim(s)	: 4 claim/s	Drawing(s)	: 12 : sheet/s
Multiple Dep. Claim(s)	: 0	Description, Claims and Abstract	: 59 page/s
Specie/s Claim(s)	: N/A	Sequence Listings	: N/A
Total No. of Claim(s)	: 4 claim/s		





Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

[19]	<b>INTELLECTUAL PROPERTY PHILIPPINES</b>								
[12]	<b>INVENTION GRANT</b>								
[21]	Registration Number:	1/2020/050208	Document Code: B1						
[45]	Issue Date:	29 May 2024							
[22]	Date Filed:	08/07/2020							
[54]	Title:	STRADDLED VEHICLE							
[71]	Proprietors(s):	YAMAHA HATSUDOKI KABUSHIKI KAISHA (JP)							
[72]	Inventor(s):	RASRIWONG, Apivat(TH); SARUNYAKOOB, Kornrapat(TH); PAYOTHONSIRI, Thanadon(TH)							
[73]	Assignee(s):	YAMAHA HATSUDOKI KABUSHIKI KAISHA (JP)							
[74]	Attorney / Agent:	Sapalo Velez Bundang & Bulilan Law Offices							
[30]	Priority Data:	2019-127810 09/07/2019 JP							
[51]	International Class:	B62J 1/00; B62J 11/00; B62J 23/00; B62J 35/00; B62K 11/00							
[57]	Abstract:	<p>A main frame (12L) includes a side surface portion (14c) that extends in the up-down direction in a cross-section perpendicular to the front-back direction. An electric component (29L) is disposed in a position on the outside in the vehicle width direction of the main frame (12L) and overlapping the side surface portion (14c) of the main frame (12L) as seen in the vehicle side view. An electric component cover (30L) is disposed so as to be exposed to the outside within the width of the side surface portion of the main frame (12L), and covers the electric component (29L) from the outside in the vehicle width direction. The electric component cover (30L) includes a fitting portion (43) for fitting with the side surface portion (14c) of the main frame (12L). At least a portion of an air vent (31) is disposed between the side surface portion (14c) of the main frame (12L) and the fitting portion (43) of the electric component cover (30L) and in a position that overlaps the front fork(s) (21L, 21R) as seen in the vehicle front view.</p>							
	Representative Drawing(s):								
[56]	Reference(s) Cited and/or Considered:	<table border="1"> <thead> <tr> <th colspan="2">Document description</th> </tr> </thead> <tbody> <tr> <td>US 201715714066 A1 (Yamamoto Kanta),</td> <td>25 September 2017</td> </tr> <tr> <td>JP 2017178019 A (Honda Motor Co. Ltd.),</td> <td>05 October 2017</td> </tr> </tbody> </table>		Document description		US 201715714066 A1 (Yamamoto Kanta),	25 September 2017	JP 2017178019 A (Honda Motor Co. Ltd.),	05 October 2017
Document description									
US 201715714066 A1 (Yamamoto Kanta),	25 September 2017								
JP 2017178019 A (Honda Motor Co. Ltd.),	05 October 2017								



Intellectual Property Center, 28 Upper McKinley Rd.  
McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

	EP 2033885 A1 (Yamaha Motor Res &Dev Europe SRL), 11 March 2009	
--	--	--

ISIC REV. 4	: C - 3091 (Manufacture of motorcycles)		
No. of Claim(s)	: 11 claim/s	Drawing(s)	: 8 sheet/s
Multiple Dep. Claim(s)	: 9	Description, Claims and Abstract	: 17 page/s
Specie/s Claim(s)	: N.A.	Sequence Listings	: N.A.
Total No. of Claim(s)	: 20 claim/s		



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

[19]	<b>INTELLECTUAL PROPERTY PHILIPPINES</b>								
[12]	<b>INVENTION GRANT</b>								
[21]	Registration Number:	1/2020/050321	Document Code: B1						
[45]	Issue Date:	29 May 2024							
[22]	Date Filed:	27/08/2020							
[54]	Title:	NOVEL COMPOUNDS WITH METAL-BINDING CAPABILITY, EXTRACTED, ISOLATED, AND PURIFIED FROM CYANOBACTERIA							
[71]	Proprietors(s):	UNIVERSITY OF THE PHILIPPINES DILIMAN (PH)							
[72]	Inventor(s):	REYES, Lilibeth S.(PH): CAO, Ernelea P.(PH): BATUCAN, Jeremiah D.(PH)							
[73]	Assignee(s):	UNIVERSITY OF THE PHILIPPINES DILIMAN (PH)							
[74]	Attorney / Agent:	DELA CRUZ, Marvin Eric, D.							
[30]	Priority Data:	NONE							
[51]	International Class:	C12N 1/00; C12N 1/04; C12N 1/20; C12P 17/00							
[57]	Abstract:	The present invention relates to novel compounds from cyanobacteria, in particular <i>Hapalosiphon welwitschii</i> , and the process of their extraction, isolation, and purification. It further relates to one of these novel compounds with metal binding capability. This feature finds application in bioremediation and biosorption of contaminated media, which is particularly useful in manufacturing, pharmaceutical, and mining industries.							
	Representative Drawing(s):	<p style="text-align: center;">Figure 1</p>							
[56]	Reference(s) Cited and/or Considered:	<table border="1"> <thead> <tr> <th colspan="2">Document description</th> </tr> </thead> <tbody> <tr> <td>Victoria, Angelo Joshua &amp; Cao, Ernelea &amp; Salmaso, Nico &amp; Segata, Nicola &amp; Donati, Claudio (2018).</td> <td></td> </tr> <tr> <td>US20140056952A1 (LOSICK, R. ET AL), 27 February 2014 (27.02.2014)</td> <td></td> </tr> </tbody> </table>		Document description		Victoria, Angelo Joshua & Cao, Ernelea & Salmaso, Nico & Segata, Nicola & Donati, Claudio (2018).		US20140056952A1 (LOSICK, R. ET AL), 27 February 2014 (27.02.2014)	
Document description									
Victoria, Angelo Joshua & Cao, Ernelea & Salmaso, Nico & Segata, Nicola & Donati, Claudio (2018).									
US20140056952A1 (LOSICK, R. ET AL), 27 February 2014 (27.02.2014)									



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

Dixit, S., & Singh, D.P. (2013). An evaluation of phycoremediation potential of cyanobacterium *Nostoc muscorum*: characterization of heavy metal removal efficiency. *Journal of Applied Phycology*, 26, 01 June 2014 (01.06.2014)

ISIC REV. 4	: M-7210 (Research and experimental development on natural sciences and engineering)		
No. of Claim(s)	: 7 claim/s	Drawing(s)	: 2 sheet/s
Multiple Dep. Claim(s)	: 6	Description, Claims and Abstract	: 11 page/s
Specie/s Claim(s)	: N/A	Sequence Listings	: N/A
Total No. of Claim(s)	: 13 claim/s		



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

[19]	<b>INTELLECTUAL PROPERTY PHILIPPINES</b>								
[12]	<b>INVENTION GRANT</b>								
[21]	Registration Number:	1/2020/050388	Document Code: B1						
[45]	Issue Date:	29 May 2024							
[22]	Date Filed:	08/10/2020							
[54]	Title:	BED FORMER							
[71]	Proprietor(s):	KUBOTA CORPORATION (JP)							
[72]	Inventor(s):	DUANGJAN, Wichan(TH); SIRIYUT, Nat(TH); NAVAPHOL, Pronparavee(TH)							
[73]	Assignee(s):	KUBOTA CORPORATION (JP)							
[74]	Attorney / Agent:	Villaraza & Angangco							
[30]	Priority Data:	2001002445 30/04/2020 TH							
[51]	International Class:	A01B 13/02; A01B 3/24							
[57]	Abstract:	<p>The present invention is related to a bed former mounted to an agricultural vehicle or coupler tool. The bed former comprises a main structure mounted to by ridging plate sets containing sliding members overlappingly mounted to an adjacent sliding member or width adjusting member and horizontally slidable in-out via screws sliding inside channels thereof for adjusting the width of furrow to be formed. In addition, a soil leveling set is mounted on the upper side comprising side plates horizontally slidable in and out for adjusting width to be suitable for the width of the furrow to be formed. Said side plates can be stacked completely inside the main frame so that space is not unnecessarily occupied for mounting or storage thereof. Cooperation of the width-adjusted ridging plate set and the soil leveling set will achieve a planting furrow with a leveled surface suitable for planting.</p>							
	Representative Drawing(s):								
[56]	Reference(s) Cited and/or Considered:	<table border="1"> <thead> <tr> <th colspan="2">Document description</th> </tr> </thead> <tbody> <tr> <td>JP 2019017332 A (SASAKA KK)</td> <td>07 February 2019</td> </tr> <tr> <td>US 2014/0034340 A1 (WALKER ,JR. Eugene W.)</td> <td>6 February 2014</td> </tr> </tbody> </table>		Document description		JP 2019017332 A (SASAKA KK)	07 February 2019	US 2014/0034340 A1 (WALKER ,JR. Eugene W.)	6 February 2014
Document description									
JP 2019017332 A (SASAKA KK)	07 February 2019								
US 2014/0034340 A1 (WALKER ,JR. Eugene W.)	6 February 2014								



Intellectual Property Center, 28 Upper McKinley Rd.  
McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

ISIC REV. 4	: C-2821 (Manufacture of agricultural and forestry machinery)		
No. of Claim(s)	: 28 claim/s	Drawing(s)	: 4 sheet/s
Multiple Dep. Claim(s)	: 8	Description, Claims and Abstract	: 14 page/s
Specie/s Claim(s)	: N/A	Sequence Listings	: N/A
Total No. of Claim(s)	: 36 claim/s		



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

[19]	<b>INTELLECTUAL PROPERTY PHILIPPINES</b>								
[12]	<b>INVENTION GRANT</b>								
[21]	Registration Number:	1/2020/050428	Document Code: B1						
[45]	Issue Date:	29 May 2024							
[22]	Date Filed:	23/10/2020							
[54]	Title:	UNsinkable FIRE BOAT							
[71]	Proprietors(s):	RUBIA, Realito H. (PH)							
[72]	Inventor(s):	RUBIA, Realito H.(PH)							
[73]	Assignee(s):	RUBIA, Realito H. (PH)							
[74]	Attorney / Agent:	Brelant Inc.							
[30]	Priority Data:	NONE							
[51]	International Class:	A62C 29/00; B63B 35/00							
[57]	Abstract:	<p>Disclosed is an unsinkable fire boat that maintains buoyancy during damages to the boat and pumps unlimited water supply to combat the fire. The fireboat comprises a hull with several bottom cavities. One piece fiberglass hat frames are laminated, with the plurality of polyethylene foam inserts, to the cavities of the hull bottom to increase the buoyancy in case of accidental damage of the hull. A plurality of polyethylene foam buoyancy collars is extended around the periphery of the hull to serve as protection fender of the fire boat, and to remain functional and maintain buoyancy when the hull is accidentally damaged. At least one water pump is coupled with at least one marine engine bolted fiberglass hat frames, wherein the water pump is connected with a remote controlled fire monitor to pump unlimited water supply to combat fire in nearby areas.</p>							
	Representative Drawing(s):								
[56]	Reference(s) Cited and/or Considered:	<table border="1"> <thead> <tr> <th colspan="2">Document description</th> </tr> </thead> <tbody> <tr> <td>CN2497812Y (NANJING FIRE APPLIANCE PLANT) 03 July 2002 (03.07.2002)</td> <td></td> </tr> <tr> <td>US3435470 A (KRENZLER) 01 April 1969 (01.04.1969)</td> <td></td> </tr> </tbody> </table>		Document description		CN2497812Y (NANJING FIRE APPLIANCE PLANT) 03 July 2002 (03.07.2002)		US3435470 A (KRENZLER) 01 April 1969 (01.04.1969)	
Document description									
CN2497812Y (NANJING FIRE APPLIANCE PLANT) 03 July 2002 (03.07.2002)									
US3435470 A (KRENZLER) 01 April 1969 (01.04.1969)									



Intellectual Property Center, 28 Upper McKinley Rd.  
McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

ISIC REV. 4	: C-3011 Building of ships and floating structures		
No. of Claim(s)	: 3 claim/s	Drawing(s)	: 12 sheet/s
Multiple Dep. Claim(s)	: 0	Description, Claims and Abstract	: 10 page/s
Specie/s Claim(s)	: N/A	Sequence Listings	: N/A
Total No. of Claim(s)	: 3 claim/s		





Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

[19]	<b>INTELLECTUAL PROPERTY PHILIPPINES</b>		
[12]	<b>INVENTION GRANT</b>		
[21]	Registration Number:	1/2020/050445	Document Code: B1
[45]	Issue Date:	29 May 2024	
[22]	Date Filed:	05/11/2020	
[54]	Title:	<b>SYSTEM FOR BRIDGING THE FIXED TELEPHONE SERVICE AND MOBILE PHONES</b>	
[71]	Proprietors(s):	Bluewave Global Innovations, Pte. Ltd. (SG)	
[72]	Inventor(s):	CRUZ, David J(PH): LACSAM, Jose Antonio C(PH)	
[73]	Assignee(s):	Bluewave Global Innovations, Pte. Ltd. (SG)	
[74]	Attorney / Agent:	CRUZ JR., David J.	
[30]	Priority Data:	NONE	
[51]	International Class:	H04L 12/66; H04M 3/00	
[57]	Abstract:	<p>The present invention is a system for bridging the fixed telephone service and mobile phones. The system comprises a voice-over-IP (VoIP) gateway device, a private telephone switch, a plurality of computer-based telephone devices, and a software phone application. A telephone call is received from a fixed telephone service via a VoIP gateway device. The telephone call is converted to a VoIP call as necessary. A call is then made to a private telephone switch from the VoIP gateway device through its data network interface module. The telephone number assigned to the VoIP gateway device by the private telephone switch is identified along with the group where said telephone number belongs to. The private telephone switch connects the call to VoIP software phone applications whose assigned telephone numbers also belong to the same group. Within the VoIP gateway device, by means of a software voice bridge, the telephone call from the fixed telephone service is bridged to the telephone call to the VoIP software phone application such that there becomes effectively one telephone call originating from the fixed telephone service and terminating to the VoIP software phone application. A call in the reverse direction - from the VoIP software application to a telephone device in PSTN - follows the same process but in reverse.</p>	
	Representative Drawing(s):		



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

[56]	Reference(s) Cited and/or Considered:	Document description																					
			US 9331888 B1 (CONWAY) 03 May 2016																				
			US 2018069964 A1 (KOREIS) 08 March 2018																				
<table> <tr> <td>ISIC REV. 4</td> <td>: J 6190 Other telecommunications activities</td> <td></td> <td></td> </tr> <tr> <td>No. of Claim(s)</td> <td>: 9 claim/s</td> <td>Drawing(s)</td> <td>: 5 sheet/s</td> </tr> <tr> <td>Multiple Dep. Claim(s)</td> <td>: NONE</td> <td>Description, Claims and Abstract</td> <td>: 11 page/s</td> </tr> <tr> <td>Specie/s Claim(s)</td> <td>: NONE</td> <td>Sequence Listings</td> <td>: N/A</td> </tr> <tr> <td>Total No. of Claim(s)</td> <td>: 9 claim/s</td> <td></td> <td></td> </tr> </table>				ISIC REV. 4	: J 6190 Other telecommunications activities			No. of Claim(s)	: 9 claim/s	Drawing(s)	: 5 sheet/s	Multiple Dep. Claim(s)	: NONE	Description, Claims and Abstract	: 11 page/s	Specie/s Claim(s)	: NONE	Sequence Listings	: N/A	Total No. of Claim(s)	: 9 claim/s		
ISIC REV. 4	: J 6190 Other telecommunications activities																						
No. of Claim(s)	: 9 claim/s	Drawing(s)	: 5 sheet/s																				
Multiple Dep. Claim(s)	: NONE	Description, Claims and Abstract	: 11 page/s																				
Specie/s Claim(s)	: NONE	Sequence Listings	: N/A																				
Total No. of Claim(s)	: 9 claim/s																						



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

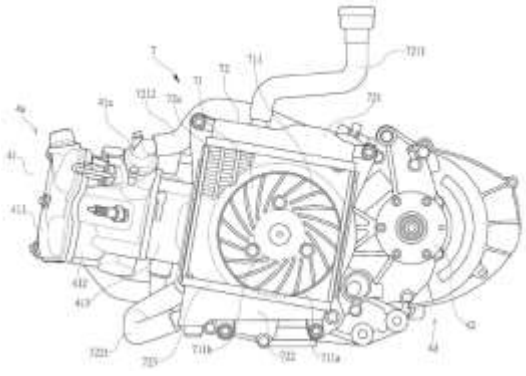
**Volume 27 Number 61**  
**Date Released: May 29, 2024**

[19]	<b>INTELLECTUAL PROPERTY PHILIPPINES</b>		
[12]	<b>INVENTION GRANT</b>		
[21]	Registration Number:	1/2020/050507	Document Code: B1
[45]	Issue Date:	29 May 2024	
[22]	Date Filed:	02/12/2020	
[54]	Title:	SIRTUIN-1 ACTIVATION AGENT AND SKIN COSMETIC FOR ACTIVATING SIRTUIN 1	
[71]	Proprietors(s):	BLOOM CLASSIC CO., LTD (JP)	
[72]	Inventor(s):	TABE, Hayami(JP): FUJITA, Akihito(JP): KOTANI, Mayumi(JP): SUGIWAKI, Hidemi(JP)	
[73]	Assignee(s):	BLOOM CLASSIC CO., LTD (JP)	
[74]	Attorney / Agent:	VERALAW (DEL ROSARIO RABOCA GONZALES GRASPARIL)	
[30]	Priority Data:	NONE	
[51]	International Class:	A61K 8/9789; A61K 8/9794; A61Q 19/00	
[57]	Abstract:	<p>Provided is a sirtuin-1 activation agent including a natural extract, having high safety as an active ingredient, and a skin cosmetic for activating sirtuin 1. The sirtuin-1 activation agent of the present invention includes an extract of kiwifruit and/or Cordyline fruticosa. Further, the skin cosmetic for activating sirtuin 1 of the present invention is mixed with the extract of kiwifruit and/or Cordyline fruticosa.</p>	
Representative Drawing(s):		NONE	
[56]	Reference(s) Cited and/or Considered:	<b>Document description</b>	
		US 2014/0079639 A1-(McDaniel)-20 March 2014 (20.03.2014)	
		WO 2010/065567 A2-(McDaniel)-10 June 2010 (10.06.2010)	
ISIC REV. 4	: C-2100 (Manufacture of pharmaceuticals, medicinal chemical and botanical products)		
No. of Claim(s)	: 2 claim/s	Drawing(s)	: N/A sheet/s
Multiple Dep. Claim(s)	: N/A	Description, Claims and Abstract	: 18 page/s
Specie/s Claim(s)	: N/A	Sequence Listings	: N/A
Total No. of Claim(s)	: 2 claim/s		



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

[19]	<b>INTELLECTUAL PROPERTY PHILIPPINES</b>								
[12]	<b>INVENTION GRANT</b>								
[21]	Registration Number:	1/2021/050102	Document Code: B1						
[45]	Issue Date:	29 May 2024							
[22]	Date Filed:	17/03/2021							
[54]	Title:	STRADDLING FASHION VEHICLE HAVING LIQUID COOLING DEVICE							
[71]	Proprietor(s):	Kwang Yang Motor Co., Ltd. (TW)							
[72]	Inventor(s):	HUANG, Chien-Chih(TW)							
[73]	Assignee(s):	Kwang Yang Motor Co., Ltd. (TW)							
[74]	Attorney / Agent:	SAPALO VELEZ BUNDANG AND BULILAN LAW OFFICES							
[30]	Priority Data:	109207917 22/06/2020 TW							
[51]	International Class:	B60K 11/00; B60K 11/02; B60K 11/04							
[57]	Abstract:	<p>A motorcycle transmission structure is disclosed. The motorcycle includes a power system that includes a power source unit, a first transmission unit, a second transmission unit, and a third transmission unit. The power source unit and the third transmission unit are provided at one side of the first transmission unit. The first transmission unit includes a first output shaft extending into the second transmission unit and transmitting power from the power source unit to the second transmission unit. The second transmission unit includes a second output shaft that transmits the power to the third transmission unit. The third transmission unit includes a third output shaft that transmits the power to a vehicle wheel. The first output shaft and the second output shaft are arranged coaxially. A rear swingarm is rotatably mounted to an outside of a transmission portion and is rotatable about the second output shaft.</p>							
	Representative Drawing(s):								
[56]	Reference(s) Cited and/or Considered:	<table border="1"> <thead> <tr> <th colspan="2">Document description</th> </tr> </thead> <tbody> <tr> <td>US9586472B2</td> <td>MIDY, Olivier 07 March 2017</td> </tr> <tr> <td>US10457135B2</td> <td>TANG, Yifan and MA, Zhichun 30 April 2019</td> </tr> </tbody> </table>		Document description		US9586472B2	MIDY, Olivier 07 March 2017	US10457135B2	TANG, Yifan and MA, Zhichun 30 April 2019
Document description									
US9586472B2	MIDY, Olivier 07 March 2017								
US10457135B2	TANG, Yifan and MA, Zhichun 30 April 2019								



Intellectual Property Center, 28 Upper McKinley Rd.  
McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

US7481288B2 YOHEI, Makuta and YOSHIYUKI, Horii 27 January 2009
EP3488090A1 INO8 PTY LTD and WILL, Frank 29 May 2019

ISIC REV. 4	: C-2930 (Manufacture of parts and accessories for motor vehicles)	Drawing(s)	: 5 sheet/s
No. of Claim(s)	: 18 claim/s	Description, Claims and Abstract	: 37 page/s
Multiple Dep. Claim(s)	: None	Sequence Listings	: N.A.
Specie/s Claim(s)	: N.A.		
Total No. of Claim(s)	: 18 claim/s		



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

[19]	<b>INTELLECTUAL PROPERTY PHILIPPINES</b>		
[12]	<b>INVENTION GRANT</b>		
[21]	Registration Number:	1/2021/050201	Document Code: B1
[45]	Issue Date:	29 May 2024	
[22]	Date Filed:	28/04/2021	
[54]	Title:	<b>SYSTEM OF CALIBRATING DEVICE CONFIGURATIONS USING ROOM GEOMETRY</b>	
[71]	Proprietors(s):	<b>SAMSUNG ELECTRONICS, LTD. (KR)</b>	
[72]	Inventor(s):	<b>ARGUELLES, Shakira(PH): RUIZ, Jose Ricardo Iv R(PH): JOSE, Williard Joshua D(PH): AZUCENAS, Alfonso A(PH): CORTEZ, Cyril Josef B(PH): BRAR, Harjit Singh(IN): NECIO, James Carl H(PH)</b>	
[73]	Assignee(s):	<b>SAMSUNG ELECTRONICS, LTD. (KR)</b>	
[74]	Attorney / Agent:	<b>Bengzon Negre Untalan Intellectual Property Attorneys</b>	
[30]	Priority Data:	<b>NONE</b>	
[51]	International Class:	<b>H04R 5/02; H04S 7/00</b>	
[57]	Abstract:	<p>The invention discloses a system of calibration or adjustment of device settings or location of the device that makes use of room geometry that has been acquired by analyzing the room impulse response (RIR), and other environment-related input. The system includes processing and filtering the RIR sound emitted and computation of optimum audio parameters given the room geometry, by locating the speaker with respect to the room, and simulates how audio output interacts with the room geometry. It then determines the best set of audio parameters using optimization methods. The system also includes the settings of the device of interest that can be recalibrated by assessing the audio output produced by the settings generated and assessment is done when the device of interest is initially started for the purpose which it is typically used.</p>	
	Representative Drawing(s):	<p style="text-align: center;">FIGURE 1</p>	
[56]	Reference(s) Cited and/or Considered:	<p style="text-align: center;"><b>Document description</b></p> <p>US 2021/0029482 A1 (CROCKETT et al.) 28 January 2021 (28.01.2021)</p>	



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**

**Date Released: May 29, 2024**

	US 2015/0279376 A1 (BEACK et al.) 01 October 2015 (01.10.2015)
	US 2016/0330562 A1 (CROCKETT) 10 November 2016 (10.11.2016)
	KR 102036359 B1 (DTS INC [US]) 24 October 2019 (24.10.2019)
	US 9,712,940 B2 (RIDER et al.) 18 July 2017 (18.07.2017)
	US 2015/0223002 A1 (MEHTA et al.) 06 August 2015 (06.08.2015)

ISIC REV. 4	: J 5920 (Sound recording and music publishing activities)		
No. of Claim(s)	: 10 claim/s	Drawing(s)	: 8 sheet/s
Multiple Dep. Claim(s)	: 2	Description, Claims and Abstract	: 18 page/s
Specie/s Claim(s)	: N/A	Sequence Listings	: N/A
Total No. of Claim(s)	: 12 claim/s		



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

[19]	<b>INTELLECTUAL PROPERTY PHILIPPINES</b>		
[12]	<b>INVENTION GRANT</b>		
[21]	Registration Number:	1/2021/050234	Document Code: B1
[45]	Issue Date:	29 May 2024	
[22]	Date Filed:	17/05/2021	
[54]	Title:	<b>A FERMENTATION VESSEL FOR BACTERIAL AND CELLULAR DISRUPTION OF AGED OIL</b>	
[71]	Proprietors(s):	LAVARIAS, Willem Roy A (PH)	
[72]	Inventor(s):	LAVARIAS, Willem Roy A(PH)	
[73]	Assignee(s):	LAVARIAS, Willem Roy A (PH)	
[74]	Attorney / Agent:	NONE	
[30]	Priority Data:	NONE	
[51]	International Class:	C10G 32/00	
[57]	Abstract:	<p>A fermentation vessel for bacterial and cellular disruption of aged oil is disclosed. It is a generally cylindrical body having a top wall, a bottom wall and a circumferential side wall therebetween to define a chamber therein. It is provided with a negative electrode wire and a positive electrode wire. Aged oil is pumped into the vessel and agitation of oil takes place as a result of pressure from pumping of the oil into the vessel. Heating the oil at a desired temperature is done until bacterial and cellular disruption of oil is carried out inside the vessel.</p>	
	Representative Drawing(s):		
[56]	Reference(s) Cited and/or Considered:	<p><b>Document description</b>          CN203803902U (BEIJING AGREATING ECO ENVIR ENG TECH CO LTD [CN]) 03 September 2014 (03.09.2014)</p>	





Intellectual Property Center, 28 Upper McKinley Rd.  
McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

	CN202658153U (WUXI FENGLU ENVIRONMENTAL PROT TECHNOLOGY CO LTD [CN]) 09 January 2013 (09.01.2013)	
--	--	--

ISIC REV. 4	: C - 2011 (Manufacture of basic chemicals)		
No. of Claim(s)	: 5 claim/s	Drawing(s)	: 1 sheet/s
Multiple Dep. Claim(s)	: None	Description, Claims and Abstract	: 8 page/s
Specie/s Claim(s)	: N.A.	Sequence Listings	: N.A.
Total No. of Claim(s)	: 5 claim/s		



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

[19]	<b>INTELLECTUAL PROPERTY PHILIPPINES</b>		
[12]	<b>INVENTION GRANT</b>		
[21]	Registration Number:	1/2021/050293	Document Code: B1
[45]	Issue Date:	29 May 2024	
[22]	Date Filed:	29/06/2021	
[54]	Title:	<b>MECHANICAL COCONUT CLIMBER</b>	
[71]	Proprietors(s):	<b>UNIVERSITY OF SOUTHEASTERN PHILIPPINES (PH)</b>	
[72]	Inventor(s):	<b>MONTEPIO, Roger C.(PH): ABENOJA, Ryan M.(PH): BAYRON, Roland R.(PH): TUYOGON, Ruel F.(PH): LANTICSE, Lourenze Karl C.(PH)</b>	
[73]	Assignee(s):	<b>UNIVERSITY OF SOUTHEASTERN PHILIPPINES (PH)</b>	
[74]	Attorney / Agent:	<b>SIMPAO, Filmann T</b>	
[30]	Priority Data:	<b>NONE</b>	
[51]	International Class:	<b>A63B 27/00; A63B 27/02</b>	
[57]	Abstract:	<p>The present invention relates to a tree climbing device, particularly a device for climbing coconut. A mechanical coconut climber comprising of a left assembly and a right assembly collectively as a climber assembly, a cable assembly operably connected to a footrest assembly by a thimble and ferrule snapped into a carabiner disposed at one end of said footrest assembly, characterized in that said cable assembly having a single roller disc which rolls upon vertical movement carrying the cable assembly and keeping a cable wire from ensnaring to the tree's notch, said cable assembly upon stepping on the footrest assembly provides a tension in the cable wire, thus, providing a grip on the tree while transitioning to make another step by pulling a handle to move upward or pushing said handle to move downward, either way leads the cable wire to loosen.</p>	
	Representative Drawing(s):		



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

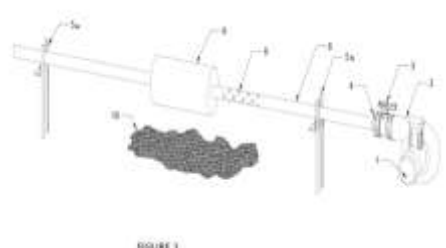
**Volume 27 Number 61**  
**Date Released: May 29, 2024**

		<b>Document description</b>		
<b>[56]</b>	<b>Reference(s) Cited and/or Considered:</b>	US 2013170940 A1 (NELSON II, William J.) 04 July 2013 WO 2012131439 A1 (GALLAGE, Harsha Kumara) 04 October 2012		
	ISIC REV. 4 : C3290 - Other manufacturing n.e.c. No. of Claim(s) : 5 claim/s Multiple Dep. Claim(s) : None Specie/s Claim(s) : None Total No. of Claim(s) : 5 claim/s		Drawing(s) : 3 sheet/s Description, Claims and Abstract : 8 page/s Sequence Listings : None	



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

[19]	<b>INTELLECTUAL PROPERTY PHILIPPINES</b>									
[12]	<b>INVENTION GRANT</b>									
[21]	Registration Number:	1/2021/050296	Document Code:	B1						
[45]	Issue Date:	29 May 2024								
[22]	Date Filed:	16/06/2021								
[54]	Title:	QUICK ROAST GRILLER								
[71]	Proprietors(s):	University of Science and Technology of Southern Philippines (PH)								
[72]	Inventor(s):	MAGSAYO, Kenneth James Bryle(PH)								
[73]	Assignee(s):	University of Science and Technology of Southern Philippines (PH)								
[74]	Attorney / Agent:	COMPASAN, Gladdy Christie H.								
[30]	Priority Data:	NONE								
[51]	International Class:	A47J 37/00; A47J 37/04; A47J 37/06								
[57]	Abstract:	<p>This invention discloses the system of roasting or grilling meat or poultry products using a jet aspirator mechanism that is integrated inside a griller tube in which the rising hot gases from the embers will be drawn into the griller tube. The introduction of hot gases into the tube will heat the meat or poultry from the inside. The vacuum pressure that causes the suction of hot gases is the effect of the jet aspirator acting as a venturi tube that speeds up the incoming air from a blower. The system aims to reduce time in roasting or grilling meat and poultry products.</p>								
	Representative Drawing(s):									
[56]	Reference(s) Cited and/or Considered:	<table border="1"> <thead> <tr> <th colspan="2">Document description</th> </tr> </thead> <tbody> <tr> <td>DE202013104620U1 (JOST, Nikola)</td> <td>25 November 2013</td> </tr> <tr> <td>KR100493601B1 (BACKUS, Allan L., et al)</td> <td>22 July 2002</td> </tr> </tbody> </table>			Document description		DE202013104620U1 (JOST, Nikola)	25 November 2013	KR100493601B1 (BACKUS, Allan L., et al)	22 July 2002
Document description										
DE202013104620U1 (JOST, Nikola)	25 November 2013									
KR100493601B1 (BACKUS, Allan L., et al)	22 July 2002									
<p>ISIC REV. 4 : C-2750 Manufacture of domestic appliances</p> <p>No. of Claim(s) : 3 claim/s Drawing(s) : 2 sheet/s</p> <p>Multiple Dep. Claim(s) : None Description, Claims and Abstract : 4 page/s</p> <p>Specie/s Claim(s) : None Sequence Listings : None</p> <p>Total No. of Claim(s) : 3 claim/s</p>										



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

[19]	<b>INTELLECTUAL PROPERTY PHILIPPINES</b>		
[12]	<b>INVENTION GRANT</b>		
[21]	Registration Number:	1/2021/050362	Document Code: B1
[45]	Issue Date:	29 May 2024	
[22]	Date Filed:	04/08/2021	
[54]	Title:	A METHOD FOR ADMINISTRATING A PACKAGE OF SHUFFLED PLAYING CARDS	
[71]	Proprietors(s):	Angel Group Co., Ltd. (JP)	
[72]	Inventor(s):	SHIGETA, Yasushi(JP)	
[73]	Assignee(s):	Angel Group Co., Ltd. (JP)	
[74]	Attorney / Agent:	Spruson & Ferguson (Philippines) Inc.	
[30]	Priority Data:	2013213710 08/08/2013 AU and 2014201757 24/03/2014 AU	
[51]	International Class:	A63F 1/06; A63F 1/18; A63F 9/24; G07F 17/32	
[57]	Abstract:	<p>The present invention has been devised in view of an object of providing a method for administrating a package of shuffled playing cards to prevent fraud exchanges of cards in casinos.</p> <p>The administrating system 7 is programmed to calculate places and a number of all packages 2 of shuffled playing cards at each places of the backyard 8, the places of playing tables 11, places of carriers 9 and the disposition place 10 by using information obtained by the loading step and unloading step and the administrating system 7 calculates by every ID codes bases 1) places of all packages registered by the registering step for registering to a data base of administrating system 7 and each number of packages place by place from the information obtained from both the loading step and the unloading step. And then the administrating system 7 is programmed to recognize whether or not there is a lost package by comparing the information of all ID cords registered in registering step with the ID cords at each every places of all packages obtained at the calculating step from both the loading step and the unloading step and reporting about the lost package to an administrating section or to a main administration organization.</p>	
	Representative Drawing(s):		



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

	Reference(s) Cited and/or Considered:	<b>Document description</b>		
[56]		US20070024449A1 (US PLAYING CARD CO) 01 February 2007		
		WO2009126780A2 (WALKER, Jay S.) 15 October 2009		
		EP2228106B1 (SHIGETA, Yasushi) 27 February 2013		
	ISIC REV. 4 : C3240 - Manufacture of games and toys No. of Claim(s) : 27 claim/s Multiple Dep. Claim(s) : 0 Specie/s Claim(s) : 0 Total No. of Claim(s) : 27 claim/s	Drawing(s) : 21 sheet/s Description, Claims and Abstract : 85 page/s Sequence Listings : 0		



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

[19]	<b>INTELLECTUAL PROPERTY PHILIPPINES</b>									
[12]	<b>INVENTION GRANT</b>									
[21]	Registration Number:	1/2021/050542	Document Code:	B1						
[45]	Issue Date:	29 May 2024								
[22]	Date Filed:	23/10/2021								
[54]	Title:	Vortex Generating Cannon System								
[71]	Proprietors(s):	ELEDIA, El Arby (PH)								
[72]	Inventor(s):	ELEDIA, El Arby(PH)								
[73]	Assignee(s):	ELEDIA, El Arby (PH)								
[74]	Attorney / Agent:	NONE								
[30]	Priority Data:	NONE								
[51]	International Class:	F15C 1/00; Y10T 137/00; Y10T 137/206; Y10T 137/2087								
[57]	Abstract:	<p>There is provided a vortex generating cannon system comprising a compression means for creating a fluid flow, a barrel comprising a first fluid inlet, and a fluid outlet; the first fluid inlet and the fluid outlet defining a bore or a tube through which the fluid flow from the compression means enters and exits the barrel. The vortex generating cannon system further comprising a closed loop wing deflector situated within the barrel enhancing a fluid convection initiated by the compression means thereby generating, launching, and propelling a vortex loop of fluid towards a target and a support means to hold the closed loop wing deflector in place within the barrel.</p>								
	Representative Drawing(s):									
[56]	Reference(s) Cited and/or Considered:	<table border="1"> <thead> <tr> <th colspan="2">Document description</th> </tr> </thead> <tbody> <tr> <td>US 2008/0264505 A1 (MATSUO, Noriyoshi et al.)</td> <td>20 October 2008</td> </tr> <tr> <td>US 2015/0190820 A1 (DAVIS, Jeffery M.)</td> <td>09 July 2015</td> </tr> </tbody> </table>			Document description		US 2008/0264505 A1 (MATSUO, Noriyoshi et al.)	20 October 2008	US 2015/0190820 A1 (DAVIS, Jeffery M.)	09 July 2015
Document description										
US 2008/0264505 A1 (MATSUO, Noriyoshi et al.)	20 October 2008									
US 2015/0190820 A1 (DAVIS, Jeffery M.)	09 July 2015									



Intellectual Property Center, 28 Upper McKinley Rd.  
McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

ISIC REV. 4	: C2812 Manufacture of fluid power equipment		
No. of Claim(s)	: 24 claim/s	Drawing(s)	: 3 sheet/s
Multiple Dep. Claim(s)	: 0	Description, Claims and Abstract	: 16 page/s
Specie/s Claim(s)	: n/a	Sequence Listings	: n/a
Total No. of Claim(s)	: 24 claim/s		





Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

[19]	<b>INTELLECTUAL PROPERTY PHILIPPINES</b>										
[12]	<b>INVENTION GRANT</b>										
[21]	Registration Number:	1/2021/050590	Document Code: B1								
[45]	Issue Date:	29 May 2024									
[22]	Date Filed:	25/11/2021									
[54]	Title:	3-D Instructional Apparatus for Vector Operations									
[71]	Proprietors(s):	Central Mindanao University (PH)									
[72]	Inventor(s):	BUCAYONG, Cecilia O.(PH)									
[73]	Assignee(s):	Central Mindanao University (PH)									
[74]	Attorney / Agent:	Central Mindanao University/Dr. Vellorimo J. Suminguit									
[30]	Priority Data:	NONE									
[51]	International Class:	G06F 7/38; G09B 23/10									
[57]	Abstract:	<p>A 3-D instructional apparatus that could demonstrate vectors in 3-D space showing its projections along x, y, and z axes. Calibrations on posts and movable sticks anchored in grooves can represent the magnitude and component of vectors. The eight octants coordinate system embodiment of said apparatus would enable vector operations in 3-D experimentally. Thus, this device aids in visualizing vectors in Three Dimensions and can be used to perform the highly mathematical vector operations experimentally with comparable results using the analytical method.</p>									
	Representative Drawing(s):										
[56]	Reference(s) Cited and/or Considered:	<table border="1"> <thead> <tr> <th colspan="2">Document description</th> </tr> </thead> <tbody> <tr> <td>CN 1862285 A (UNIV CHINA MINING)</td> <td>15 November 2006</td> </tr> <tr> <td>US 5187796 A (WANG YULUN et al.)</td> <td>16 February 1993</td> </tr> <tr> <td>CN201177889 Y (YIJUN DING)</td> <td>07 January 2009</td> </tr> </tbody> </table>		Document description		CN 1862285 A (UNIV CHINA MINING)	15 November 2006	US 5187796 A (WANG YULUN et al.)	16 February 1993	CN201177889 Y (YIJUN DING)	07 January 2009
Document description											
CN 1862285 A (UNIV CHINA MINING)	15 November 2006										
US 5187796 A (WANG YULUN et al.)	16 February 1993										
CN201177889 Y (YIJUN DING)	07 January 2009										



Intellectual Property Center, 28 Upper McKinley Rd.  
McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

ISIC REV. 4	: F4390 - Other specialized construction activities		
No. of Claim(s)	: 2 claim/s	Drawing(s)	: 3 sheet/s
Multiple Dep. Claim(s)	: 0	Description, Claims and Abstract	: 9 page/s
Specie/s Claim(s)	: n/a	Sequence Listings	: n/a
Total No. of Claim(s)	: 2 claim/s		



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

[19]	<b>INTELLECTUAL PROPERTY PHILIPPINES</b>						
[12]	<b>INVENTION GRANT</b>						
[21]	Registration Number:	1/2021/050620	Document Code:	B1			
[45]	Issue Date:	29 May 2024					
[22]	Date Filed:	09/12/2021					
[54]	Title:	A DEVICE FOR DRYING OF AGRICULTURAL CROPS					
[71]	Proprietors(s):	CARAGA STATE UNIVERSITY (PH)					
[72]	Inventor(s):	OLAYBAR, Angelica L.(PH): OLAIS, Mark Lester C.(PH): AMURAY, Nikky R.(PH): BERTULFO, Jack O.(PH)					
[73]	Assignee(s):	CARAGA STATE UNIVERSITY (PH)					
[74]	Attorney / Agent:	BERTULFO, Jack O					
[30]	Priority Data:	NONE					
[51]	International Class:	F26B 9/06					
[57]	Abstract:	<p>The present invention basically includes a machine for drying agricultural crops. The machine comprises of a combustion chamber, a drying chamber assembly and a heating system assembly. The combustion chamber is adapted convert the biomass fuel into heat energy by providing the desired environment for gasification process. The heating system assembly of the preferred embodiment is adapted for safe, clean and efficient drying. The present invention provides a solution to dry copra with high quality and profitable.</p>					
	Representative Drawing(s):						
[56]	Reference(s) Cited and/or Considered:	<table border="1"> <thead> <tr> <th>Document description</th> </tr> </thead> <tbody> <tr> <td>WO 2013057838 A1 (SATAKE CORPORATION) 25 April 2013</td> </tr> <tr> <td>WO 2010010585 A1 (A.G.T. SRL) 28 January 2010</td> </tr> </tbody> </table>		Document description	WO 2013057838 A1 (SATAKE CORPORATION) 25 April 2013	WO 2010010585 A1 (A.G.T. SRL) 28 January 2010	
Document description							
WO 2013057838 A1 (SATAKE CORPORATION) 25 April 2013							
WO 2010010585 A1 (A.G.T. SRL) 28 January 2010							



Intellectual Property Center, 28 Upper McKinley Rd.  
McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

ISIC REV. 4	: A0161 Support activities for crop production		
No. of Claim(s)	: 7 claim/s	Drawing(s)	: 3 sheet/s
Multiple Dep. Claim(s)	: 0	Description, Claims and Abstract	: 8 page/s
Specie/s Claim(s)	: n/a	Sequence Listings	: n/a
Total No. of Claim(s)	: 7 claim/s		



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

[19]	<b>INTELLECTUAL PROPERTY PHILIPPINES</b>								
[12]	<b>INVENTION GRANT</b>								
[21]	Registration Number:	1/2022/050030	Document Code: B1						
[45]	Issue Date:	29 May 2024							
[22]	Date Filed:	25/01/2022							
[54]	Title:	A SYSTEM FOR SURGICAL ELECTRONIC REGISTRY							
[71]	Proprietors(s):	ROVILLOS, Kliendio P (PH)							
[72]	Inventor(s):	ROVILLOS, Kliendio P(PH)							
[73]	Assignee(s):	ROVILLOS, Kliendio P (PH)							
[74]	Attorney / Agent:	YAP, Francis Louise C							
[30]	Priority Data:	NONE							
[51]	International Class:	G16H 10/60; G16H 40/20							
[57]	Abstract:	<p>The present invention relates generally to an information and communication technology special adapted for healthcare informatics but more particularly, the present invention relates to a system for surgical electronic registry. A system for surgical electronic registry comprises a plurality of communication device being connected to a cloud server, a configurable application hosted in the cloud server, a new entry module, a chief resident module, and a main resident module being interfaced with the configurable application, characterized of said main resident module further comprises of a statistics interface being configured to generate a statistical conclusion by processing a main resident calculator data stored in a main resident database.</p>							
	Representative Drawing(s):								
[56]	Reference(s) Cited and/or Considered:	<table border="1"> <thead> <tr> <th colspan="2">Document description</th> </tr> </thead> <tbody> <tr> <td>US 20140032242 A1 (LABORDE, David A., et. al.)</td> <td>30 January 2014</td> </tr> <tr> <td>US 20190214128 A1 (COLISTER, Gary, et. al.)</td> <td>11 July 2019</td> </tr> </tbody> </table>		Document description		US 20140032242 A1 (LABORDE, David A., et. al.)	30 January 2014	US 20190214128 A1 (COLISTER, Gary, et. al.)	11 July 2019
Document description									
US 20140032242 A1 (LABORDE, David A., et. al.)	30 January 2014								
US 20190214128 A1 (COLISTER, Gary, et. al.)	11 July 2019								



Intellectual Property Center, 28 Upper McKinley Rd.  
McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

ISIC REV. 4	: C-2630 Manufacture of communication equipment		
No. of Claim(s)	: 5 claim/s	Drawing(s)	: 29 sheet/s
Multiple Dep. Claim(s)	: NONE	Description, Claims and Abstract	: 16 page/s
Specie/s Claim(s)	: NONE	Sequence Listings	: NONE
Total No. of Claim(s)	: 5 claim/s		



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

[19]	<b>INTELLECTUAL PROPERTY PHILIPPINES</b>						
[12]	<b>INVENTION GRANT</b>						
[21]	Registration Number:	1/2022/050088	Document Code: B1				
[45]	Issue Date:	29 May 2024					
[22]	Date Filed:	04/03/2022					
[54]	Title:	LICENSE PLATE MOUNTING STRUCTURE FOR SADDLE-RIDING TYPE VEHICLE					
[71]	Proprietors(s):	HONDA MOTOR CO., LTD. (JP)					
[72]	Inventor(s):	KURIKI, Daisuke(JP); FUTAMATA, Takeshi(JP)					
[73]	Assignee(s):	HONDA MOTOR CO., LTD. (JP)					
[74]	Attorney / Agent:	LAW OFFICES OF E.B. ASTUDILLO AND ASSOCIATES					
[30]	Priority Data:	2021-041005 15/03/2021 JP					
[51]	International Class:	B62J 23/00; B62J 99/00					
[57]	Abstract:	A license plate mounting structure for a motorcycle (1) includes a headlamp (5), a front cowl (31) having a nose cowl (50) that protrude forward and configured to cover an outer circumference of the headlamp (5), and a license plate (3) disposed on an upper side of the nose cowl (50) and configured to overlap the nose cowl (50) when seen from above in a vehicle.					
	Representative Drawing(s):	<p>FIG. 1</p>					
[56]	Reference(s) Cited and/or Considered:	<table border="1"> <thead> <tr> <th colspan="2">Document description</th> </tr> </thead> <tbody> <tr> <td>JP H10167146 A</td> <td>(HONDA MOTOR CO LTD) 15 December 2005</td> </tr> </tbody> </table>		Document description		JP H10167146 A	(HONDA MOTOR CO LTD) 15 December 2005
Document description							
JP H10167146 A	(HONDA MOTOR CO LTD) 15 December 2005						



Intellectual Property Center, 28 Upper McKinley Rd.  
McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

ISIC REV. 4	: C2930-Manufacture of parts and accessories for motor vehicles		
No. of Claim(s)	: 8 claim/s	Drawing(s)	: 6 sheet/s
Multiple Dep. Claim(s)	: 4	Description, Claims and Abstract	: 17 page/s
Specie/s Claim(s)	: NONE	Sequence Listings	: NONE
Total No. of Claim(s)	: 12 claim/s		





Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

[19]	<b>INTELLECTUAL PROPERTY PHILIPPINES</b>									
[12]	<b>INVENTION GRANT</b>									
[21]	Registration Number:	1/2022/050311	Document Code:	B1						
[45]	Issue Date:	29 May 2024								
[22]	Date Filed:	28/06/2022								
[54]	Title:	A SADDLE TYPE VEHICLE								
[71]	Proprietor(s):	TVS MOTOR COMPANY LIMITED (IN)								
[72]	Inventor(s):	DEEPAN, Thangavel(IN); RAMESH, Vaidheeswaran(IN)								
[73]	Assignee(s):	TVS MOTOR COMPANY LIMITED (IN)								
[74]	Attorney / Agent:	FOLLOSCO MORALLOS & HERCE								
[30]	Priority Data:	202141030916 09/07/2021 IN								
[51]	International Class:	B62J 37/00								
[57]	Abstract:	<p>The present invention relates to a saddle type vehicle (10) having a main frame (24) that extends rearwardly from a head pipe (22) in a vehicle front-rear direction. The main frame (24) has a first aperture (26A) configured to be open to atmosphere and a second aperture (26B) in fluid communication with the first aperture (26A). The saddle type vehicle (10) further has a canister assembly (100) with a canister (110) and a breather pipe (120). The breather pipe (120) has a first end (120A) that is connected to the canister (110) and a second end (120B) that is connected to the second aperture (26B), thereby allowing air from atmosphere to reach the canister (110) through the breather pipe (120) via the first aperture (26A) and the second aperture (26B).</p>								
	Representative Drawing(s):	<p style="text-align: center;">Figure 2</p>								
[56]	Reference(s) Cited and/or Considered:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">Document description</th> </tr> </thead> <tbody> <tr> <td style="width: 20%;"></td> <td>JP 2018079703 A (SUZUKI MOTOR CORP [JP]) 24 May 2018 (24.05.2018)</td> </tr> <tr> <td></td> <td>WO 2020184226 A1 (HONDA MOTOR CO LTD [JP]) 17</td> </tr> </tbody> </table>			Document description			JP 2018079703 A (SUZUKI MOTOR CORP [JP]) 24 May 2018 (24.05.2018)		WO 2020184226 A1 (HONDA MOTOR CO LTD [JP]) 17
Document description										
	JP 2018079703 A (SUZUKI MOTOR CORP [JP]) 24 May 2018 (24.05.2018)									
	WO 2020184226 A1 (HONDA MOTOR CO LTD [JP]) 17									



Intellectual Property Center, 28 Upper McKinley Rd.  
McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

September 2020 (17.09.2020)
JP 2014051148 A (HONDA MOTOR CO LTD [JP]) 20 March 2014 (20.03.2014)
JP 2018103873 A (HONDA MOTOR CO LTD [JP]) 05 July 2018 (05.07.2018)

ISIC REV. 4	: C - 3091 Manufacture of motorcycles		
No. of Claim(s)	: 11 claim/s	Drawing(s)	: 8 sheet/s
Multiple Dep. Claim(s)	: 2	Description, Claims and Abstract	: 11 page/s
Specie/s Claim(s)	: None	Sequence Listings	: None
Total No. of Claim(s)	: 13 claim/s		



Intellectual Property Center, 28 Upper McKinley Rd.  
 McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
 Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

[19]	<b>INTELLECTUAL PROPERTY PHILIPPINES</b>								
[12]	<b>INVENTION GRANT</b>								
[21]	Registration Number:	1/2022/050349	Document Code: B1						
[45]	Issue Date:	29 May 2024							
[22]	Date Filed:	26/07/2022							
[54]	Title:	FRAUD DETECTION SYSTEM IN CASINO							
[71]	Proprietor(s):	ANGEL GROUP CO., LTD. (JP)							
[72]	Inventor(s):	SHIGETA, Yasushi(JP)							
[73]	Assignee(s):	ANGEL GROUP CO., LTD. (JP)							
[74]	Attorney / Agent:	Spruson & Ferguson (Philippines) Inc.							
[30]	Priority Data:	2015-163213 03/08/2015 JP and 2015-206735 01/10/2015 JP							
[51]	International Class:	A63F 1/06; G06T 7/00; G07C 11/00							
[57]	Abstract:	<p>A fraud detection system which detects fraud in a game of performing collection and redemption of chips in accordance with a win or lose result includes a camera which captures an image of chips contained in a chip tray of a dealer, an image analyzing apparatus which analyses the image captured by the camera to detect an amount of the chips contained in the chip tray, a card distribution device which determines a win or lose result of a game, and a control device which compares the win or lose result of the game and the amount of the chips contained in the chip tray before and after collection and redemption of the chips to detect fraud.</p>							
	Representative Drawing(s):								
[56]	Reference(s) Cited and/or Considered:	<table border="1"> <thead> <tr> <th colspan="2">Document description</th> </tr> </thead> <tbody> <tr> <td>US 20060287068 A1 (WALKER et al.)</td> <td>21 December 2006</td> </tr> <tr> <td>US 20070111773 A1 (GURURAJAN et al.)</td> <td>17 May 2007</td> </tr> </tbody> </table>		Document description		US 20060287068 A1 (WALKER et al.)	21 December 2006	US 20070111773 A1 (GURURAJAN et al.)	17 May 2007
Document description									
US 20060287068 A1 (WALKER et al.)	21 December 2006								
US 20070111773 A1 (GURURAJAN et al.)	17 May 2007								



Intellectual Property Center, 28 Upper McKinley Rd.  
McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines  
Tel. No. 238-6300 Website: <http://www.ipophil.gov.ph> e-mail: [mail@ipophil.gov.ph](mailto:mail@ipophil.gov.ph)

**Volume 27 Number 61**  
**Date Released: May 29, 2024**

ISIC REV. 4	: R 9200 Gambling and betting activities		
No. of Claim(s)	: 20 claim/s	Drawing(s)	: 28 sheet/s
Multiple Dep. Claim(s)	: 18	Description, Claims and Abstract	: 63 page/s
Specie/s Claim(s)	: NONE	Sequence Listings	: N/A
Total No. of Claim(s)	: 38 claim/s		