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PATENT APPLICATIONS PUBLISHED PURSUANT TO R.A. 8293 SECTION 44 (INTELLECTUAL PROPERTY CODE)

1 INVENTIONS

[19]	INTELLECTUAL F	ROPEF	TY PHILIPPINES			
[12]	INVENTION PUBL	ICATIO.	N			
[21]	Application Number:	1/2012/0	000349	Document	Code:	A1
[22]	Date Filed:	13/11/20)12			
[54]	Title:		APPARATUS, METHOD C	F CHANGING	LAYOUT, A	AND STORAGE
[71]	Applicant(s):		(ABUSHIKI KAISHA [JP]			
[72]	Inventor(s):	ΝΑΟΤΟ Υ	AMADA[JP]			
[73]	Assignee(s):	NONE				
[74]	Attorney / Agent:	SALUDO	FERNANDEZ AQUINO & T	ALEON LAW O	FFICES	
[30]	Priority Data:	2011-250)852 16/11/2011 JP			
[51]	International Class 8:	G 06K 15/	/02			
[57]	Abstract:	multipage	bages are laid out on a e printing condition. Whe ages is changed based o	n a user drags	a logical	page, a layout of
Repre	esentative Drawing(s):					
		Category Y	US6414755B1 BRONSTEIN ET AL.	Relevant to claim No.	Documen No. 1	
Relev	vant docs:	x	2/7/2002 US7355741B2 ISHIZAKI 4/8/2008		2	
		X	US7391530B2 MATSUYAMA 24/06/2008		3	
		v	US7515295B2 KREMER ET AL. 7/4/2009		4	



[19]	INTELLECTUAL F	PROPER	RTY PHILIPPINES			
[12]	INVENTION PUBL	ICATIO	N			
[21]	Application Number:	1/2012/0	000352	Document	Code:	A1
[22]	Date Filed:	14/11/20)12			
[54]	Title:	ARTICUL	ATED THROW BALL SH	OOTER		
[71]	Applicant(s):	ASTUDIL	LO, CLARENCE [PH]			
[72]	Inventor(s):	CLAREN	CE BELENO ASTUDILLO	[PH]		
[73]	Assignee(s):	NONE				
[74]	Attorney / Agent:	NONE				
[30]	Priority Data:	NONE				
[51]	International Class 8:	A 63H 7/0	02			
[57]	Abstract:	adjustabl comprisin are hous functions connecte hook of t spring bia the slidin towards	ball game apparatus have basketball goal, a ring a mechanism box which includes the sed which includes the sed to the eyebolt couple the manual actuating lever as manual actuating lever a pivotal motion properties goal. A mechanism on the sed to the eyebolt couple the manual actuating lever as manual actuating lever a pivotal motion properties and the goal.	novable and a here the cooper spring bias in the foot lever d to the shaft of er. When an ex er it engages the sthe shaft of the elling the bask	djustable warating enga manual act and a slid of the lever aternal force of foot lever ate lever arm ateball in a	wheelbase stand, gement members uating lever that ing loop plunger arms and to the is applied to the and automatically urging the arms forward motion
Repre	esentative Drawing(s):	Sheet 1 of 10	FIG. 1			
		Category	Document description	Relevant to claim No.	Documen No.	t
Palar	ant docs:	A	US2004176192 09/09/2004		1	
nelev	ant uucs.	A	US2011130225A1 06/02/2011		2	
		А	US2011281672A1 11/17/2011		3	



[19]	INTELLECTUAL P	ROPER	TY PHILIPPINES			
[12]	INVENTION PUBL	ICATIO	N			
[21]	Application Number:	1/2012/0	00354	Document C	ode:	A1
[22]	Date Filed:	15/11/20	12			
[54]	Title:	FUEL SU	PPLY CONTROL DEVICE FOR	R DIESEL ENG	GINE	
[71]	Applicant(s):	KANAZAWA ENGINEERING SYSTEMS CO., LTD. [JP] and SERAPHIM CO., LTD [JP]				
[72]	Inventor(s):	OSAMU N	OSAMU NISHIKAWA[JP]: TOSHIAKI ICHIDA[JP]			
[73]	Assignee(s):	NONE				
[74]	Attorney / Agent:	ROMULO	& ASSOCIATES			
[30]	Priority Data:	NONE				
[51]	International Class 8:	F 02D 19/	08, F 02M 43/00			
[57]	Abstract:	stably op containin fuel supp based fu configure 32 to fue supplied controllin oil quanti ratio setti	ntion provides a fuel supply of erate a diesel engine for an e g unpurified waste oil and pe oly control device which sup el oil and unpurified waste d to regulate the amount of el mixing means 36 and the from a second fuel tank g waste oil quantity regulating ty regulating means 40 on the ing mwans of an ECU 44. T l engine for an extended perior waste oil.	extended peri- etroleum-base oplies mixed oil to a die waste oil sup e amount of 34 to the fing means 38 ne basis of a his makes it	iod of ti ed fuel o oil cor esel en oplied fr petrolo uel mix and pe mixing possibl	ime using mixed oil oil. A diesel engine ntaining petroleum- gine 12 as fuel is rom a first fuel tank eum-based fuel oil king means 36 by etroleum-based fuel ratio set by mixing le to stably operate
Repre	esentative Drawing(s):	the first f				
		Category	-	Relevant to claim No.	Docum No.	ent
			WO2011130792 A1; 27 October 2011; Krug Ewe	1-6	1	
Relev	ant docs:	Y	US Publication 2012266846; 25 October 2012; Kilbourne, Michael	1-6	2	
		A	JP Publication 2004108153; 08 April 2004; Saito, Jun, et al.		3	



Y	CN 101979854; 23 February 2011; Oraison, James Harms	1-6	4	
Y	JP Publication 2002309979; 23 October 2002; Kumakawa Masatoshi, et al.	1-6	5	
Y	US Publication 2012/0145126; 14 June 2012; Krug, et al.	1-6	6	
Y	US 6622664 B2; 23 September 2003; Eberhard Holder, et al.	1-6	7	
Y	US 4535728; 20 August 1985; William Batchelor, et al.	1-6	8	



[19]	INTELLECTUAL F	PROPER	RTY PHILIPPINES					
[12]	INVENTION PUBL	ICATIO	N					
[21]	Application Number:	1/2012/0	000355	Document Co	ode: A [·]	1		
[22]	Date Filed:	16/11/20	16/11/2012					
[54]	Title:	GUIDED	SLIDE ASSEMBLY					
[71]	Applicant(s):	SLIDE MI	EI YAO INTERNATIONAL CO.	, LTD. [TW]				
[72]	Inventor(s):	TSUNG-Y	AO CHEN[TW]					
[73]	Assignee(s):	NONE						
[74]	Attorney / Agent:	A.Q. ANC	A.Q. ANCHETA AND PARTNERS					
[30]	Priority Data:	1001422	100142291 18/11/2011 TW					
[51]	International Class 8:	A 47B 88	/00					
[57]	Abstract:	A guided slide assembly includes atleast one sliding rail unit having a longitudinal base plate, a pair of guide plates extending respectively and transversely from two opposite sides of the base plate, and atleast one securing portion formed on one of the guide plates. Atleast one longitudinal guiding unit is detachably disposed on the one of the guide plates, and has a longitudinal rack member and atleast one engaging hook disposed on the securing portion of one on the guide plates.						
Repre	esentative Drawing(s):	guide plates. 1 + 212 + 214 + 4 + 216						
		Category	Document description	Relevant to C claim No.	Document No.	-		
		x	Harn Marketing SDN BHD	1				
Relev	ant docs:	x	US20110187254A1 Aug. 4, 2011 KING SLIDE WORKS CO., LTD.	2				
		x	US20100283365A1 Nov. 11, 2010 Chen; Tsung Yao	3				



[19]	INTELLECTUAL F	PROPER	RTY PHILIPPINES			
[12]	INVENTION PUBL	ICATIO.	N			
[21]	Application Number:	1/2012/0	000356	Document (Code:	A 1
[22]	Date Filed:	16/11/20)12	·		
[54]	Title:	SYNCHR	ONIZING DEVICE FOR A DR	AWER SLIDE	MECHANI	SM
[71]	Applicant(s):	SLIDE MI	EI YAO INTERNATIONAL CO	., LTD. [TW]		
[72]	Inventor(s):	TSUNG-Y	AO CHEN[TW]			
[73]	Assignee(s):	NONE				
[74]	Attorney / Agent:	A. Q. ANG	CHETA & PARTNERS			
[30]	Priority Data:	1001425	62 21/11/2011 TW			
[51]	International Class 8:	A 47B 88	/00			
[57]	Abstract:	A synchronizing device includes a pair of longitudinal guiding units each having a rack member and a movement damper connected to the rack member, and a rotating mechanism including a pair of pinion gears to be meshed respectively with the guiding units. When the pinion gears move respectively from the rack members for rotation respectively on the movement dampers, an increased pressure is produced between the guiding units and the rotating mechanism, thereby slowing down and damping the rotation of the rotating mechanism.				
Repre	esentative Drawing(s):	Li S	s FIG. 1			
		Category	Document description	Relevant to claim No.	Documer No.	ıt
		х	US7594707B2 Sept. 29, 2009 WHIRLPOOL CORP.		1	
Relev	ant docs:	Y	US8033622B2 Oct. 11, 2011 LG ELECTRONICS		2	
		Y	JP2011140780A July 21, 2011 NIFCO INC.		3	



[19]	INTELLECTUAL P	ROPEF	TY PHILIPPINES			
[12]	INVENTION PUBL	ICATIO	N			
[21]	Application Number:	1/2012/0	000357	Document C	Code:	A1
[22]	Date Filed:	16/11/20)12	1		
[54]	Title:	SADDLE-	RIDE TYPE VEHICLE			
[71]	Applicant(s):	YAMAHA	HATSUDOKI KABUSHIKI KA	AISHA [JP]		
[72]	Inventor(s):	WAHEI T	AKESAKO[JP]			
[73]	Assignee(s):	NONE				
[74]	Attorney / Agent:	SAPALO	VELEZ BUNDANG & BULIL	AN		
[30]	Priority Data:	2012-070)635 27/03/2012 JP			
[51]	International Class 8:	B 62J 23/	00, 6/00, F 21V 33/00			
[57]	Abstract:	A front cover portion is formed for positioning a lower portion thereof further forward than an upper portion thereof. A head light unit is disposed in a lower portion of the front cover portion. A first lens portion is disposed in front of a first reflector portion. Second and third lens portions are disposed for extending to positions rearward of at least a portion of the first reflector portion. A cover upper edge portion of the front cover portion includes an upper protruding section protruded further forwards than the first lens portion. A cover lower edge portion of the front cover portion includes a lower protruding section protruded further forwards than the first lens portion.				
Repre	esentative Drawing(s):	63	FIG. 5			
		Category Y	JP Publication 2007-	Relevant to claim No. 1-16	Docum No.	ent
Relev	ant docs:	Y	245866; Yamana Motor Co.		2	
		Y	US 9967460, 19 Sentember	1-16	3	
		Y	LIS 2006/01031/13 A1. 31	1-16	4	



,	Y	US 2006/0181891 A1; 17 August 2006; Pisithsak Surawichai	1-16	5
,		US 7401953; 22 July 2008; Hiroyuki Isayama	1-16	6



[19]	INTELLECTUAL F	PROPER	TY PHILIPPINES			
[12]	INVENTION PUBL	.ICATIO	N			
[21]	Application Number:	1/2012/0	000358	Document Co	ode: A	1
[22]	Date Filed:	19/11/20)12			
[54]	Title:	WEAVING	G MACHINE FOR SENSITI	VE MATERIALS		
[71]	Applicant(s):	MENDOZ	A, JAIME F. [PH]			
[72]	Inventor(s):	MENDOZ R.[PH]	A, JAIME F.[PH]: QUINIAN	IO, HERMY C.[PH]: FLORO	GO, REYNALDO
[73]	Assignee(s):	NONE				
[74]	Attorney / Agent:	SALVACI	ON, JONATHAN WINSTO	N L.		
[30]	Priority Data:	NONE				
[51]	International Class 8:	D 03D 47	/00			
[57]	Abstract:	warp and has even both end through the weft such as controls as comm additiona	acing cloth using sensiti I weaved cloth that pass density. The roller guide of the machine. The warp the action of the pneuma in place employing the operation of the electro and synchronizes the mo anded by the controller b lly be controlled from a co opneumatic driven system	es through the re e keeps the warp o thread is rolled a atic cylinders; the reed with steel c nic programmab ovements of the r ox, air pressure re control panel or e	eed whicl b and weat and releas e shuttle comb. Aux le box th machine, egulation,	n ensures that it wed cloth flat at ed automatically mechanism beat killiary functions at automatically roller movement and the like can
Repre	esentative Drawing(s):	LH SF Mech CDA Let-C Take-	entrol Panel eater Reed regulator ff Roller UR Roller Frame FRONT VIEW Figure 1. Front View	RH Shuttle Home Mechanism FRT/RR Roller Guide DC Motor Controller Box		
		Category	-	Relevant to Claim No.	Document No.	
Bolov	ant docs:	Y	US 7073537 Adnan, et al. Aug. 11, 2005	1		
nelev		Y	US 5839482 Vestby, et al. Nov. 24, 1998	2		
		Y	US 4850399 Linka, et al. July 25, 1989	3		



[19]	INTELLECTUAL	PROPER	RTY PHILIPPINES	5				
[12]	INVENTION PUB	LICATIO	N					
[21]	Application Number:	1/2012/0	000361	Document	Code:	A1		
[22]	Date Filed:	19/11/20	012			'		
[54]	Title:	METHOD	FOR DETECTING FLA	/IVIRIDAE VIRUS	INFECTI	ON		
[71]	Applicant(s):	NATIONA	AL CHENG KUNG UNIVE	RSITY [TW]				
[72]	Inventor(s):	YEH, TRA	YEH, TRAI-MING[TW]: CHUANG, YUNG-CHUN[TW]: LIN, SHI-WEI[TW]					
[73]	Assignee(s):	NONE						
[74]	Attorney / Agent:	DEL ROS	ARIO BAGAMASBAD A			E		
[30]	Priority Data:	1001429	51 23/11/2011 TW					
[51]	International Class 8:	C 12N 7/0	00, G 01N 33/48, 33/53, 3	3/547, 33/569				
[57]	Abstract:	includes including nonstruc bind to o other of capture	d for detecting Flavivir the steps of providing at least two proteins tural protein 1 and pr ne of the two proteins, the two proteins and d antibody while both o invention also provide ection.	g a biological sa s, nonstructural othrombin, provi providing a dete etermining infect f the antibodies	mple co protein ding a c ction ant ion by re bind to	ntaining a complex 1 and thrombin or capture antibody to ibody to bind to the action result of the the complex. The		
Repre	esentative Drawing(s):	NONE						
		Category	Document description	Relevant to claim No.	Documo No.	ent		
Relev	ant docs:	Y	EP19970105124 19970326		1			
		Y	09/910,647		2			
		Y	US 11844993		3			
		Υ	EP95922085					



[19]	INTELLECTUAL PROPERTY PHILIPPINES					
[12]	INVENTION PUBL	ICATION				
[21]	Application Number:	1/2012/000366	Document Code:	A1		
[22]	Date Filed:	15/11/2012				
[54]	Title:	WHEEL FOR A SADDLE-RIDE TYPE ELECTRIC VEHICLE, WHEEL-DRIVING ELECTRIC MOTOR FOR A SADDLE-RIDE TYPE ELECTRIC VEHICLE, AND SADDLE-RIDE TYPE ELECTRIC VEHICLE				
[71]	Applicant(s):	YAMAHA HATSUDOKI KABUSHIKI KAISHA [JP]				
[72]	Inventor(s):	HIDEKI ISHIKAWA[JP]: HARUYOSHI HINO[JP]				
[73]	Assignee(s):	NONE				
[74]	Attorney / Agent:	SAPALO VELEZ BUNDANG & BULILAN				
[30]	Priority Data:	2011-250181 15/11/2011 JP and 2012-227995 15/10/2012 JP				
[51]	International Class 8:	B 60K 1/00, 7/00, H 02K 21/12, 7/00				
[57]	Abstract:	The present invention provides a wheel (12) suitable for a saddle-ride type electric vehicle, in which, while torque necessary for driving is obtained, both a mechanical loss and an energy loss are reduced and an increased trave distance is obtained from a battery, without losing the productivity. A whee (12) for a saddle-ride type electric vehicle includes: a rim part (12d) that supports a tire; a hub part (12h) arranged inside the rim part (12d) with respect to a radial direction of the wheel (12) and configured to rotate on a rotational axis (C) of the wheel (12); a spoke part (12g) connecting the rim part (12d) to the hub part (12h); a stator core (52) and a coil (51) provided around the rotational axis (C) of the wheel (12) and arranged inside a spoke connection portion (12r) of the hub part (12h) with respect to the radial direction of the wheel (12), the spoke connection portion (12r) being a portion to which the spoke part (12g) is connected; a ferrite magnet (41) arranged inside the spoke connection portion (12r) of the hub part (12h) and outside the stator core (52) with respect to the radial direction of the wheel (12), the ferrite magnet (41) being opposed to the stator core (52) and configured to rotate together with the hub part (12h), the spoke part (12g), and the rim part (12d) on the rotational axis (C) of the wheel (12); and a back yoe part (40 arranged inside the spoke connection portion (12r) of the hub part (12h) and outside the ferrite magnet (41) with respect to the radial direction of the wheel inside the spoke connection portion (12r) of the hub part (12h) and outside the stator core (52) with respect to the radial direction of the wheel (12d) on the rotational axis (C) of the wheel (12); and a back yoe part (40 arranged inside the spoke connection portion (12r) of the hub part (12h) and outside the ferrite magnet (41) with respect to the radial direction of the wheel				
Repre	esentative Drawing(s):	FIG.5A FIG.5A				



	Category	Document description	Relevant to claim No.	Document No.
Relevant docs:		US 7462968; 9 December 2008; Kusase et al.	1-11	1
Relevant docs:	Y	US 7262536; 28 August 2007; Rahman, et al.	1-11	2
	v	US 8348798; 8 January 2011; Lo	1-11	3



[19]	INTELLECTUAL F	PROPERTY PHILIPPINES						
[12]	INVENTION PUBL	NVENTION PUBLICATION						
[21]	Application Number:	1/2012/000371	ode: A1					
[22]	Date Filed:	23/11/2012						
[54]	Title:	CASTRATING APPARATUS						
[71]	Applicant(s):	BALUTE, ELEANOR L. [PH]; DE VERA, ALDEN R. [PH]; RABE, ALAN P. [PH]; CARILO, ELIHO B. [PH] and GONZALES, EFREN N. [PH]						
[72]	Inventor(s):	DE VERA, ALDEN R.[PH]: RABE, A	DE VERA, ALDEN R.[PH]: RABE, ALAN P.[PH]: CARILO, ELIHO B.[PH]: GONZALES, EFREN N.[PH]: BALUTE, ELEANOR L.[PH]					
[73]	Assignee(s):	NONE						
[74]	Attorney / Agent:	PACARDO, CHRISTOPHER O.						
[30]	Priority Data:	NONE						
[51]	International Class 8:	A 61D 3/00						
[57]	Abstract:	A castrating apparatus made from stainless steel and G.I. sheet with telescopic type stand used to castrate different sizes of animals with head, body and foot stabilizer for ease of castrating operation.						
Repre	esentative Drawing(s):							
Relevant docs:		Category Document description Y US 5645016 Mahurin, D. Jul. 8, 1997	Relevant to D claim No. 1	Document No.				
		Y US 4214556 Knox, et al. Jul. 29, 1980	2					
		Y US 4140082 Easton, H. Feb. 20, 1979	3					
		Y US 3693595 Stewart, S. Sept. 26, 1972	4					



[19]	INTELLECTUAL F	ROPEF	TY PHILIPPINES					
[12]	INVENTION PUBL							
[21]	Application Number:	1/2012/0	000373	Document Code:	A1			
[22]	Date Filed:	23/11/20	23/11/2012					
[54]	Title:	e: SADDLE-RIDE TYPE VEHICLE						
[71]	Applicant(s):	YAMAHA	HATSUDOKI KABUSHIKI	KAISHA [JP]				
[72]	Inventor(s):	KENSUK	KENSUKE MORISHITA[JP]					
[73]	Assignee(s):	NONE						
[74]	Attorney / Agent:	SAPALO	VELEZ BUNDANG & BULI	LAN				
[30]	Priority Data:	2012-070)636 27/03/2012 JP					
[51]	International Class 8:	B 60R 11/	/00, B 62D 25/16, B 62J 17/0	00				
[57]	Abstract:	A front cover is at least partially disposed in front of an engine unit. A side cover is formed separately from the front cover. The front cover includes a first front cover portion and a second front cover portion. The first front cover portion is shaped for extending in a vehicle transverse direction while passing through a vehicle center in the vehicle transverse direction and for extending rearwards. The second front cover portion is disposed rearwards of a front edge section of the first front cover portion. The second front cover portion is disposed outwardly lateral to the first front cover portion. A front edge section of the second front cover portion is overlapped with the first front cover portion in a vehicle side view. The front edge section of the second front cover portion includes a backwardly recessed shape.						
Repre	esentative Drawing(s):	9 2	FIG. 1	2-20 				
	Relevant docs:		Document description		ment o.			
			US 7044527; 16 May 2006; Maeda et al.	1				
Relev			US 7802841; 28 September 2010; Mochizuki	2				
			US 7841641; 30 November 2010; Ohzono	3				
		A	US 7975792; 12 July 2011; Nobuhira	4				



[19]	INTELLECTUAL F	ROPEF	TY PHILIPPINES						
[12]	INVENTION PUBL								
[21]	Application Number:	1/2012/0	000374	ode:	A1				
[22]	Date Filed:	26/11/20	26/11/2012						
[54]	Title:	SADDLE RIDING TYPE VEHICLE							
[71]	Applicant(s):	YAMAHA	YAMAHA HATSUDOKI KABUSHIKI KAISHA [JP]						
[72]	Inventor(s):	HIRONAF	RI SUZUKI[JP]: MASAYUKI	AOYAMA[JP]					
[73]	Assignee(s):	NONE							
[74]	Attorney / Agent:	SAPALO	VELEZ BUNDANG & BUL	LAN					
[30]	Priority Data:	2011-262	2753 30/11/2011 JP						
[51]	International Class 8:	B 62M 7/0	02, F 01N 3/00, F 02D 35/00	, F 02F 1/42, 7/00	D, G 01N 2	27/12			
[57]	Abstract:	A saddle riding type vehicle capable of improving detection accuracy by an oxygen sensor while reducing ventilation resistance in an exhaust path is provided. The vehicle includes an engine 34 provided with an exhaust path 68 and an oxygen sensor 72 attached to the engine 34 to detect oxygen included in exhaust gas. The engine 34 has a recess 70 provided at an inner surface of the exhaust path 68 and increasing a path sectional area of the exhaust path 68 and an insertion hole 76 opened at an inner surface of the oxygen sensor 72 is inserted in the insertion hole 76 as at least a part of its tip end is positioned in the recess 70.							
Repre	esentative Drawing(s):	FIRST SECOND DIRECTION THIRD DIRECTION IX -		44 					
		Category	-	claim No.	Documer No.	t			
	Relevant docs:		US 4990235; 05 February 1991; Chujo	1 1					
Relev			US 5832723; 10 November 1998; Iwata, et al.	1 2	2				
		Y	US 4753109; 28 June 1988; Zabler	1 3	}				



[19]	INTELLECTUAL P	ROPEF	TY PHILIPPINES							
[12]	INVENTION PUBL									
[21]	Application Number:	1/2012/0	000376	ode:	A1					
[22]	Date Filed:	27/11/2012								
[54]	Title: SAW BLADE AND METHOD FOR MULTIPLE SAWING OF RARE EARTH MAGNET									
[71]	Applicant(s):	SHIN-ETS	SHIN-ETSU CHEMICAL CO., LTD. [JP]							
[72]	Inventor(s):	KOJI SAT	O[JP]: YASUNORI URAKI[JP	ני						
[73]	Assignee(s):	NONE								
[74]	Attorney / Agent:	ANGARA	ABELLO CONCEPCION REG	ALA & CRUZ	2					
[30]	Priority Data:	2011-259	157 28/11/2011 JP							
[51]	International Class 8:	B 24B 1/0	0, B 24D 5/12							
[57]	Abstract:	A multiple blade assembly comprising a plurality of spaced apart saw blades mounted on a rotating shaft is used for sawing a rare earth magnet block into multiple pieces by rotating the plurality of saw blades. The saw blade comprises a core in the form of a thin doughnut disk and a peripheral cutting part on an outer peripheral rim of the core. The cutting part is made of a composition comprising an abrasive, a resin binder, and a lubricant.								
Repre	esentative Drawing(s):	11a 11b	1 11 11a 11b 11b -12							
Relevant docs:		Category X	EP2189245 A2 / SHIN-ETSU CHEMICAL CO., LTD. / MAY 26, 2010	Relevant to claim No. 1 - 5	Docum No. 1	ent				
		Y A	US5313742 A1 / NORTON CO. / MAY 24, 1994 JPH10175172 A1 / SHINETSU CHEMICAL CO. / JUNE 30, 1998		2 3					



[19]	INTELLECTUAL P	ROPEF	TY PHILIPPINES						
[12]	INVENTION PUBL								
[21]	Application Number:	1/2012/0	000379	Code:	A1				
[22]	Date Filed:	29/11/20	29/11/2012						
[54]	Title:	NON-REMOVABLE PRE-CAST MODULAR CONCRETE FORM SYSTEM ESPECIALLY ADAPTED FOR FORMING WALLS							
[71]	Applicant(s):	RAZON, F	RAZON, ROMUALDO [PH]						
[72]	Inventor(s):	RAZON, F	RAZON, ROMUALDO C.[PH]						
[73]	Assignee(s):	NONE							
[74]	Attorney / Agent:	FIRST IP	CONSULTANCY AND TECH	INICAL SERVI	ICES CO).			
[30]	Priority Data:	NONE							
[51]	International Class 8:	E 04B 2/0	0, 2/32						
[57]	Abstract:	The invention relates to a non-removable pre-cast modular concrete form system that comprises modular reinforced basic concrete form units of varying pre-determined configured forms, that are alignably and configuratively interconnectable and interlockably engageable with each other in the horizontal and vertical directions. The form units are prefabricated and formed using preferably plain concrete panels and outer an inner angled corner concrete panels, each having aligning and interlocking means provided preferably at opposite upper and end portions thereof, and spacedly and protrudingly disposed connectors on the inner surfaces thereof. The panels are preferably assembled in pair or multiple combination using same and/or different type of panels by adjustably and fixedly connecting their respective connectors, forming preferred configured forms of the basic concrete form units such as, but not limited to, planar, L-shaped, T-shaped and cross-shaped.							
Repre	esentative Drawing(s):	10 10 10 10 10 11 11 24	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
		Category X	Document description US 4706429; 17 November	Relevant to claim No.	Docum No.				
Relev	Relevant docs:		1987; David Young	1-10	1				
		X	US 4889310; 26 December 1989; Patrick Boeshart	1-10	2				
		Y	US 5459971; 24 October 1995; Alan Sparkman	1-10	3				



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	al.			