

List of Expired Patents (Year-2014)

Serial Number	Filing Date	Title of Invention	Expiry Date
136097	08/01/1998	TREATMENT OF WATER FOR REMOVING DISSOLVED SOLIDS.	08/01/2014
136098	12/01/1998	Cellulosic Fivers Crosslinked With Polymers of Polycarboxylic Acid	12/01/2014
136099	20/01/1998	A PROCESS OF MAKING TWO COLOUR CO-EXTRUDED PLASTIC BOTTLES AND CONTAINERS	20/01/2014
136119	24/01/1998	A PROGRAMMABLE CYLINDER LOCK PROVIDED WITH MASTER KEYS	24/01/2014
136120	28/01/1998	SUBSTITUTED HYDROXY-ANILINO DERIVATIVES OF CYCLOBTENE-3,4-DIONES	28/01/2014
136134	28/01/1998	METHOD FOR PRODCING PARTICULATE UREA WITH MINERAL FILTER INCORPORATED FOR HARDNESS	28/01/2014
136135	02/02/1998	PROCESS FOR PREPARATION OF INFECTIOUS BURSITIS VACCINE FOR THE PROTECTION OF POULTRY	02/02/2014
136136	23/02/1998	TOOTHBRUSH HAVING FLEXIBLY LINKED REGION IN ITS HEAD	23/02/2014
136154	13/02/1998	INJECTION MOULDING PROCESS FOR MAKING TOOTHBRUSH BODIES	13/02/2014
136155	13/02/1998	PROCESSES FOR PREPARING EPROSARTAN AND A PHARMACEUTICALLY ACCEPTABLE SALT THEREOF	13/02/2014
136156	12/02/1998	PROCESS FOR PREPARING EPROSARTAN AND A PHARMACEUTICALLY ACCEPTABLE SALT THEROF	12/02/2014

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136164	21/01/1998	2-4-Diamino-1,3,5-triazines, their preparation and their use as herbicides and plant growth regulators	21/01/2014
136165	16/02/1998	PROCESS FOR THE PREPARATION OF 5 AMINOALKOXY-1, 4-DIHYDROQUINOXALINE-2, 3-DIONES	16/02/2014
136170	27/02/1998	8-ALKOXYQUINOLONE CARBOXYLIC ACID HYDRATE WITH EXCELLENT STABILITY AND PROCESS FOR PRODUCING THE SAME	27/02/2014
136172	09/03/1998	AUTO-ZEROING CURRENT SENSING ELEMENT	09/03/2014
136185	28/01/1998	IMPROVED METHOD FOR PREPARING AN N-ALKYLATED ASPARTAME DERIVATIVE	28/01/2014
136186	17/02/1998	4-AMINOALKOXY-1,3-DIHYDROBENZOIMIDAZOL-2-ONE DOPAMINE AUTORECEPTOR AGONISTS	17/02/2014
136188	04/03/1998	A Cosmetic Adhesive Strip Article For Removing Keratotic From Pores And Concurrent Delivery of Skin Benefit Agents	04/03/2014
136203	18/03/1998	IMPROVEMENTS IN OR RELATING TO VARIABLE FOCUS LENSES AND PROCESS FOR MAKING THEM	18/03/2014
136209	21/01/1998	CONCRETE PIPES AND METHODS FOR THE MANUFACTURE THEREOF	21/01/2014
136210	22/01/1998	ORAL CONTRACEPTIVE CONTAINING PROGESTIN/ESTROGEN COMBINATION	22/01/2014
136211	09/02/1998	A PROCESS FOR THE PRODUCTION OF GRANULAR ACTIVATED CARBON FROM INDIGENOUS INFERIOR WOODS	09/02/2014
136212	01/04/1998	CASTING APPARATUS FOR FORMATION OF RESIN-MADE MAMBERANE	01/04/2014
136215	06/01/1998	A HYDROSTATIC SEWER CLEANING MACHINE	06/01/2014

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136217	10/01/1998	METHOD OF PRODUCING ALBUM PAGE HOLDING AT LEAST ONE PLANER OBJECT	10/01/2014
136218	07/02/1998	Optical fiber devices having Springs and methods for connecting optical fibres	07/02/2014
136219	16/02/1998	PROCESS FOR THE PREPARATION OF 4-AMINOALKOXY-1H-BENZOIMIDAZOLES.	16/02/2014
136220	17/02/1998	PROCESS FOR PREPARING 4-AMINOETHOXYINDAZOLE DERIVATIVES	17/02/2014
136221	24/02/1998	COOLER FOR COOLING OF PARTICULATE MATERIAL SUBJECTED TO HEAT TREATMENT IN AN INDUSTRIAL KILN	24/02/2014
136222	30/03/1998	IMPROVED TRIPLE EFFCT ABSORPTION APPARATUS AND METHOD	30/03/2014
136223	31/03/1998	GLASS FIBRE-REINFORCED PLASTIC CONTAINER AND A METHOD FOR MANUFACTURURING A REINFORCEMENT BODY THEREFOR	31/03/2014
136225	16/04/1998	FILAMENT-FORMING CHAIN-BRANCHED POLYESTERS AND COPOLYESTERS	16/04/2014
136233	16/01/1998	Process For Making A Free-Flowing Particulate Detergent Admix For Inclusion In A Granular Detergent Compostion	16/01/2014
136234	17/01/1998	NOVEL FORMS OF 2-AMINO-4- (4-FLUOROBENZYLAMINO) -I-ETHOXY CARBONYL-AMINOBENZENE, AND PROCESSES FOR THEIR PREPARATION	17/01/2014
136235	19/01/1998	New Polyols And Their Use In Polyurthane Preparation	19/01/2014
136237	16/02/1998	DENTURE CLEANSING COMPOSITION COMPRISING BLEACHING AGENTS, TARTAR REMOVAL AGENTS, CARBONATES AND/OR BICARBONATES	16/02/2014
136238	26/02/1998	N-HYDROXY-2-(ALKYL,ARYL,OR HETEROARYL SULFANYL, SULFINYL OR SULFONYL)-3-SUBSTITUTED ALKYL OR ARYLAMIDES AS MATRIX METALLOPROTEINASE INHIBITORS	26/02/2014

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136240	17/04/1998	CONVERTIBLE PACKAGE DISPENSER	17/04/2014
136242	21/04/1998	PROCESS AND REATOR FOR THE PREPARATION OF AMMONIA	21/04/2014
136243	21/04/1998	Nut Butter And Related Products And method of making same	21/04/2014
136245	09/05/1998	AN IMPROVED INTERENGAGEABLE ANIMAL EAR TAG	09/05/2014
136246	14/05/1998	CONFIGURABLE ELECTRICITY METER.	14/05/2014
136248	17/02/1998	PROCESS FOR PRODUCING PURIFIED TEREPHTHALIC ACID	17/02/2014
136250	28/01/1998	POTATOES HAVING IMPROVED QUALITY CHARACTERISTIC AND METHODS FOR THEIR PRODUCTION	28/01/2014
136251	04/02/1998	PROCESS FOR THE ELECTROLYTIC PRODUCTION OF METALS	04/02/2014
136252	16/05/1998	DISPOSABLE SCALPEL	16/05/2014
136255	03/02/1998	ATOMIZING NOZZLE	03/02/2014
136257	04/02/1998	Novel phenoxyacetic acid derivatives, compositions containing them, process for their preparation, and their use as herbicides	04/02/2014
136258	09/02/1998	A PROCESS FOR THE PRODUCTION OF 'RUBRECOM-C-AN IMPROVED CHEMICAL COMPOSITION FOR THE REMOVAL OF RUVVER DEPOSITS FROM THE CONCRETE RUNWAY OF AIDPORTS	09/02/2014
136259	04/05/1998	PROCESS FOR THE PREPARATION OF CYSTEINE AND SERINE PROTEASES INHIBITORS AND THE PHARMACEUTICALLY ACCEPTABLE SALT THEREOF	04/05/2014

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136260	05/05/1998	PROCESS FOR THE PREPARATION OF B-RING ESTRADIENE DIOLS, SALTS THEREOF AND PHARMACEUTICAL COMPOSITION CONTAINING THEM	05/05/2014
136261	05/05/1998	PROCESS FOR THE PREPARATION OF CYSTEINE AND SERINE PROTEASES INHIBITORS AND PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF	05/05/2014
136262	08/05/1998	A SOLAR ENERGY COLLECTOR HAVING A LARGE APERTURE SOLAR ENERGY COLLECTION ANTENNA, WITH IMPROVED	08/05/2014
136263	20/06/1998	Process For Making Rigid And Flexible Polyurethane Foams	20/06/2014
136266	11/02/1998	A METHOD FOR PREPARING SUBSTITUTED 4-PHENYL-4-CYANOCYCLOHEXANOIC ACIDS	11/02/2014
136267	17/02/1998	4-AMINOALKOXY-1, 3-DIHYDRO-BENZOIMIDAZOL-2- THIONES	17/02/2014
136268	20/02/1998	PROCESS FOR PREPARING OPTICALLY ACTIVE TRANS-3-SUBSTITUTED GLYCIDIC ACID ESTER	20/02/2014
136269	20/02/1998	PROCESS FOR PRODUCING AROMATIC CARBOXYLIC ACID AND APPARATUS THEREFOR	20/02/2014
136270	21/02/1998	PROCESS FOR THE PREPARATION OF ANTIMONATE CATALYSTS FOR (AMM) OXIDATION OF ALKANES AND ALKENES	21/02/2014
136271	24/02/1998	Disposable absorbent article having a breathable laminate backsheet	24/02/2014
136272	21/03/1998	process for preparing flexible polyurethane foam at an NCO index of 70-120	21/03/2014
136274	18/04/1998	CHEMICAL PROCESSING AND REACTION APPARATUS FOR SEPARATION OF VOLATILE GASES FROM A MATERIAL CONTAINING ONE OR MORE VOLATIZABLE SUBSTANCES	18/04/2014
136275	12/05/1998	DRIVING DIRECTION CHANGING APPARATUS OF BICYCLE HUB	12/05/2014

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136276	12/05/1998	APPARATUS FOR CHANGING POWER DIRECTION FOR BICYCLE	12/05/2014
136282	19/02/1998	A METHOD FOR MANUFACTURING AN IMMUNOGENIC PROTEIN	19/02/2014
136284	20/02/1998	A process for the production of Environment Friendly Fuel from Pakistani coals	20/02/2014
136288	24/02/1998	Method And Apparatus For The Manufacture of Textile Products And Textile Products Obtained	24/02/2014
136289	26/02/1998	A PROCSS FOR THE PREPARATION OF SUBSTITUTED THIAZOLIDINEDIONE DERIVATIVES	26/02/2014
136290	26/02/1998	SHAVING SYSTEM	26/02/2014
136291	28/02/1998	TWO-WHEELED MOTOR VEHICLE	28/02/2014
136294	25/04/1998	APPARATUS FOR MULTI-CARRIER MODULATION AND DEMODULATION AND METHOD AND APPARATUS FOR PERFORMING AN ECHO PHASE OFFSET CORRECTION ASSOCIATED THEREWITH	25/04/2014
136297	26/05/1998	APPARATUS FOR CHANGING ROTATION OF PEDAL SHAFT FOR BICYCLE	16/05/2014
136299	26/02/1998	N-HYDROXY-2-(ALKYL, ARYL, OR HETEROARYL SULFANYL, SULFINYL OR SULFONYL) -3-SUBSTITUTED HETEROARYLAMIDES AS MATRIXMETALLOPROTEINASE INHIBITORS	26/02/2014
136300	28/02/1998	PROCESS FOR PREPARING ANTI-MICROBIAL COATINGS FORMED FROM OR MORE ANTI-MICROBIAL METALS AND TO MULTILATER WOUND DRESSINGS	28/02/2014
136301	05/03/1998	PROCESS FOR OBTAINING IODINATED FATTY ACID TRIGLYCERIDES AND THEIR DERIVATIVES	05/03/2014
136302	10/03/1998	A METHOD AND APPARATUS FOR ACQUIRING DATA IN A HYDROCARBON WELL	10/03/2014

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136304	14/03/1998	METHOD AND APPARATUS FOR MEASURING THEIR TOTAL NUCLEAR MAGNETIC RESONANCE POROSITY	14/03/2014
136305	02/04/1998	PROCESS FOR THE PREPARATION OF SUBSTITUTED 3-CYANO QUINOLINES	02/04/2014
136307	05/05/1998	PHARMACEUTICAL COMPOSITION CONTAINING FUMARIC ACID DERIVATIVES USEFUL FOR TREATMENT OF AUTOIMMUNE DISEASES	05/05/2014
136310	27/06/1998	A soluble beverage powder composition comprising a soluble coffee powder and a soluble creamer-containing powder	27/06/2014
136311	21/08/1999	PROCESS FOR PREPARING ANTI-MICROBIAL COATING FORMED FROM ONE OR MORE ANTI MICROBIAL METALS AND TO MULTILAYER WOUND DRESSING	21/08/2015
136312	03/03/1998	DOLASTATIN-15 DERIVATIVES IN COMBINATION WITH TAXANES	03/03/2014
136314	19/03/1998	A fortified fod ecomposition composition comprising a fortifying amount of a bledn of clacium salts	19/03/2014
136315	04/04/1998	1, 2, 3, 4- Tetrahydro-Benzofuro (3,2-c) Pyridine derivatives	04/04/2014
136316	03/06/1998	FOOTWEAR SHOCK ABSORBING SYSTEM.	03/06/2014
136319	17/06/1998	A PROCESS FOR THE PRODUCTION OF ACTIVATED CARBON FROM COCONUT SHELLS BY PHYSICAL ACTIVATION IN A FLUIDIZED BED REACTOR.	17/06/2014
136320	07/03/1998	Process for preparing Pesticidal 1-Aryl-3-IminoPyrazoles derivatives.	17/03/2014
136321	09/03/1998	New derivatives of 1-Arylpyrazoles, process for their preparation and their use as pesticides	09/03/2014
136322	02/04/1998	A FILTRATION DEVICE FOR FILTERING PARTICLES FROM A FLUID STREAM	02/04/2014

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136323	16/04/1998	Coating Composition for emitting surfaces for the generation of electromagnetic waves and a process for the preparation thereof.	16/04/2014
136324	25/04/1998	DUAL-MODE RECEIVER FOR RECEIVING STATELLITE AND TERRESTRIAL SIGNALS IN A DIGITAL BROADCAST SYSTEM	25/04/2014
136326	26/03/1998	PLANT CULTIVATION APPARATUS AND METHOD	26/03/2014
136328	25/06/1998	CIRCUIT BREAKER	25/06/2014
136329	21/03/1998	A LIQUID OR SOLID BLEACHING COMPOSITION COMPRISING A PHOSPHATE COMPONENT	21/03/2014
136330	27/03/1998	Absorbent Articles for acquiring bodily fluids from a wearer	27/03/2014
136332	27/03/1998	An absorbent core for use in an absorbent article having a crotch region	27/03/2014
136333	27/03/1998	Absorbent articles for absorbing body fluids having improved fit when wet	27/03/2014
136334	30/04/1998	PREGNAN 3-OL-20-ONES SALTS THEREOF AND PROCESS FOR THEIR PREPARATION	30/04/2014
136335	01/07/1998	Hydrogenolysis of Glycerol	01/07/2014
136337	27/03/1998	A process for the preparation of dressing mixture of spores of fungus Paecilomyces lilacinus and Polyvinyl alcohol	27/03/2014
136338	31/03/1998	NOVEL ASSEMBLY MEANS FOR MODULAR FURNITURE COMPONENTS AND FURNITURE THUS MADE	31/03/2014
136339	01/04/1998	Bisheterocyclic Derivatives as Serine Protease Inhibitors	01/04/2014

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136343	06/04/1998	PROCESS FOR THE PREPARATION OF ESTRA -5(10) 7-DIEN 3 BETA-OL 17 ONE AND ITS 3-SULPHATE SALT.	06/04/2014
136348	25/06/1998	AN IMPROVED EAR TAG APPLICATOR.	25/06/2014

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