

WinnersForI.TEX2002

LocalInventionCategory	Inventor(s)
WIPOGoldMedalforOverallBest	
e-JariFingerprintaccesscontrolsystem	Dr.ZulkifilieIbrahim,GooiChyeSeong, HasmafatihaHarun,NorlailaOmar (SIRIMBERHAD)
GOLDMEDAL	
1. e-JariFingerprintaccesscontrolsystem	Dr.ZulkifilieIbrahim,GooiChyeSeong, HasmafatihaHarun,NorlailaOmar (SIRIMBERHAD)
2. NutraSens-disposableartificialtonguefor Eurycomalongifolia(TongkatAli) verification	Assoc.Prof.AliYeonMdShakaff,Assoc. Prof.MohdNoorAhmad,Prof.ZhariIsmail, Dr.MuhammadSuzuriHitam&Ir.Amir ShauqeeAbdRahman (USM)
3. Opticale -nose	Prof.Dr.MuhamadMatSalleh& Prof. Dr. MuhammadYahaya (UKM)
4. Atwo -stagesolarpoweredventilation device	AjmainKasim,MohdB azilyadaa'ainMohd Basir&AbdRazakAhmadAli (SIRIMBERHAD)
5. Amethodofcontinuoussterilizationof freshfruitbunches	Dr.SivasothyKandiah,TanYuWah,Rohaya Mohd.Halim,DatukDr. YusofBasiron, Dr. MaAhNgan&ZulkifliAbdulRahman (MPOB)
6. Harvestingofphytonutrients(carotenes, vitaminE,ubiquinone,coenzymeQ), sterols,squalene,phospholipidsfrompalm oilusinggreenandefficienttechnologies	Dr.ChooYuenMay,Dr.MaAhNgah,Datuk Dr. YusofBasiron,PuahChiewWei,NgMei Han&HarrisonLauLikNang (MPOB)
7. Enhancedgrowthsystemforthe aquacultureindustry	Dr.AileenTanShau -Hwai (USM)
8. SeaCoralasabonereplacementmaterial	Dr.SuzinaBintiSheikhAb.Hamid@S.Said, Assoc.Prof.Dr.Ab.RaniSamsudin, Dr. RosdanSalim& NorShamsuriaOmar (USM)
9. Expressionofhumanserumalbumin(a humanprotein)inrubbertrees	Dr.ArokiarajPappusamy,Dr.A.R.Shamsul Bahri,Dr.J.Hafsah&Dr.H.Y.Yeang (MALAYSIANRUBBERBOARD)

10. MalariRap	Dr.PatriciaLimKimChooi&Malaysian Bio-DiagnosticResearchSdnBhd (IMR&MBDR)
11. Productionofliquidbioplastic,PHA (polyhydroxyalkanoate)frompalmoil	Dr.RazipSamian,Dr.MohdAzizanMohd Noor,Dr.JamilIsmail,Dr.NazalanNajimudin, Dr.K.SudeshKumar&Dr.MohdIsaA. Majid (USM)
12. Invitroculturedetectionkitfor Blastocystis	Assoc.Prof.Dr.G.SureshKumar,Prof.Dato' Dr.KhairulAnuar,RojahSalim (UM)
13. WinSKiPEZy-Acomputer -based LEARNINGandTRAININGsolutionfor financialaccounting	ArfahSalleh&AccTrack21 Team (UPM)
14. Palm-basedvalue -addedbabyproducts	DatinDr.LianaLow (INDIVIDUALINVENTOR)
SILVERMEDAL	
1. Powerreactor3(PR3)	LohPitKin (PKKINETIC)
2. Simplex-to-fullduplexconverter(SFDC)	Prof.MadyaDr.MohdkhazaniAbdullah, AhmadFauziAbas@Ismail&Fairuz Abdullah (UPM)
3. Methodsandsystemforaccelerated learninginneuralnetworks	Dr.ZaritaZainuddin (USM)
4. WebEd2000&WebDB	Assoc.Prof.Dr.BorhanuddinMohdAli, Dr. VeeruraghavanPrakash,YemPohCheang &KuDayChyi (UPM)
5. ConnectoothCRA	ZainolAbidinAbdulRashid,LimSweeHo& MoyShinFei (UKM) WaiYeeKong (INDIVIDUALINVENTOR)
6. Methodandapparatusforestimatingload bearingcapacitypiles	Dr.NorizalMohamedNoordin (USM)
7. Portablefoaminggeneratorforthe productionlightweightfoamedconcrete	Dr.PoselyAbMalik (UPM)

8. Automation of pile loading test & evaluation system (PTES)	Dr. Rosely Abmalik (UPM) Dr. Farid Nasir Ani, Dr. Hussin Mohd Nor & Wong Chuan Chin (UTM)
9. Continuous jack-in pile installation system (COJACK)	Mas Rosemal Hakim Bin Mas Haris (USM)
10. Adhesive from oil palm shells	Dr. Ooi Tian Lye, Dr. Hazimah Abu Hassan, Cik Norin Zamiah Kassim Shaari, Dr. Yeong Shoot Kian and Dr. Salmiah Ahmad (MPOB)
11. Fire safe polymeric adhesive (ESP - Clear glue)	Awang Bono & Rosalam Hj. Sarbatly (USM)
12. Recovery of glycerol and other valuable chemicals from glycerol wastes	Paud Elham, mah Kok Foon & Yap Hai San (FRIM)
13. Fast conversion of organic wastes to organic fertilizer	Assoc. Prof. Dr. Abdul Rahman Mohamed, Prof. Subhash Bhatia & Norhafizah Che May (USM)
14. Continuous carbonizing kiln	Prof. Madya Dr. Jalal Abdullah Aziz, Prof. Madya Dr. Abdul Rahman Mohamed, Dr. Ridzuan Zakaria, Mohd Azmier Ahmad (USM)
15. A novel process for the production of ethylene from natural gas	Dr. Mohd Zaid Abdullah, Lim Chooi Guan & Prof. Mohd. Azemi Mohd Noor (USM)
16. Environmental friendly pilot plant process for upgrading low rank coal to the high rank coal to be used as an alternative useful fuel in Malaysia	Prof. Madya Dr. N. Selvanathan Narainasamy, Prof. Madya Dr. David Choon, Prof. Madya Dr. John George & Thyaganathan Seperamaniam (UM)
17. Automated oil-palm grading using machine vision technology	Dr. Lee Han Lim, Ms. Nazni Wasi Ahmad & Azahari Abdul Hadi (IMR) Dr. Ow Siew Hock & Shamsul Anuar Mokhtar (UM)
18. Prototype of femoral implants for Asian patients	See Wan Chee (INDIVIDUAL INVENTOR) Bugs Tan Yeow Kiang & Norhaidi Tukiman (INDIVIDUAL INVENTOR)
19. Comprehensive test kits for detection of insecticide resistance	Yee Kuang Chai & Ng Meiling (INDIVIDUAL INVENTOR)

20. M-Sign	
21. SmartScan	Dr.AbdulLatifAhmad,Prof.SubhashBhatia &SuzyLawatiIsmail (USM)
22. Fujiyamaextrudedaluminiumcoupling	Dr.NorAziziZakaria,Dr.AminuddinAb. Ghani,Dr. RoziAbdullah&Pn.LariyahMohd Sidek (USM)
23. Successboardgame	KhooBoonSeong&LewWoonWoon (INDIVIDUALINVENTOR)
24. ANovelProcessbasedonmembrane technologyfortreatmentofpalmoilmill effluent(POME)	Prof.Ir.Dr.MashkuriHj.Yaacob ,LingTeck Chaw,LimShiauHong&PhangKeatKeong (UM)
25. Bio-ecologicaldrainagesystem (BIOECODS)	Dr.IshakAris&GohHongKeong (UPM)
BRONZEMEDAL	
1. Powerlinemessagingsystem	KhooHaiHing,KhooJangTerng&KhooHok Long (INDIVIDUALINVENTOR)
2. JatNetSim	SyedAbdulRahmanAl -haddad,TanCheng Hong,Dr.Abd.RahmanRamli&Dr.V. Prakash (UPM)
3. Aportablefiberopticbasedlightning detectorsystem	WongHoyKhee (INDIVIDUALINVENTOR) BugsTanYeowKiang&NorhaidiTukiman (INDIVIDUALINVENTOR)
4. SupersurgeprotectorModel:MA13	WanRosliWanDaud,ZarinaZainuddin&Leh CheuPeng (USM)
5. Faxnetview	Prof.MadyaDr.LuayBakirHussain (USM)
6. EP-CFuelactivefulltreatment	Dr.AbdulWahabMohammad,MazrulNizam AbuSeman& Dr.MohdSobriTakriff (UKM)
7. X-Gratsextrudedhollowsection aluminiumgrating	Dr.AnuarAbdulRahman,ZulfadhlyZardi& KamaruzzamanIsmail (TNBRESEARCH)

8. Method for the production of dissolving pulp from oil palm lignocellulosic using environmentally friendly processes	Ir. Dr. Hj. Kamsani Abdul Majid (TNBRESEARCH)
9. Catalyst filter against motorbike combustion pollution	Izman Sudin & Prof. Dr. V. C. Venkatesh (UTM)
10. Nanofilters for recovery of bioproducts from fish waste solution	Teoh Inn Seng & Chong Zyh Siong (INDIVIDUAL INVENTOR) Abidin Bhamid & Mohd Rosni Bin Sulaiman (MARDI)
11. Blended crude palm oil (CPO) and medium fuel oil (MFO) as a boiler fuel for power generation	Dr. Noor Aziah Bt. Abdul Aziz, Mohammad Noor Adros Yahya & Muhammad Ibrahim (USM)
12. Innovative design and fabrication of laboratory scale 0.0123 m ² fluidised bed combustor	Prof. Azimahtol Hawariah Lope Pihie (UKM)
13. Novel diamond grinding wheel for fine finishing of IC chip packaging for failure analysis	Dr. Lee Han Lim, Ms. Nazni Wasi Ahmad & Sadiyah Ibrahim (IMR)
14. Stackable plant cultivation trays	John George, N. Selvanathan, Thyagantham Supramaniam Aaron Alphonso & Packya Dassan (UMMEDICAL CENTRE)
15. A simple and cost-effective HPLC method for aflatoxin analysis in foods	Chong Kim Seng @ Anthony (INDIVIDUAL INVENTOR) Yip Chee Siang (PETRONAS)
16. Healthy bakery products (bread and cookies)	Moses Lim Seng Chuan (INDIVIDUAL INVENTOR)
17. Phytopharmaceutical targeting sexual responses and erectile dysfunction (ED) from <i>Eurycoma longifolia</i>	Jeffrey Tan Kuan Hooi (INDIVIDUAL INVENTOR) Dr. Azhar Mat Easa & Goh Teik Beng (USM)
18. Insecticidal paint	Assoc. Prof. Dr. Hanafi Ismail (USM)
19. Active shape model for locating structures and dimensions for MR images of the human heart	Yusoff Ali (UKM)

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20. Noodlesmakingmachine	
21. Pneumaticleakdetector	
22. Gravitymachine&torqueconverterdevice	
23. Multipurposewaterpurification	
24. Enhancedfunctionalitiesproteinfilm	
25. DeCrossPro-Amechano -chemical ingredientforrecyclingrubberwastes	
26. Compressednaturalgasmixerfordiesel engine	

HenryGohAwardfortheMost EnvironmentallyFriendlyInvention	Inventor(s)
HarvestingofPhytonutrients(Carotenes, VitaminE,Ubiquinone(CoenzymeQ),Sterols Squalene,Phospholipidsfrompalmoilusing greenandefficienttechnologies	Dr.ChooYuenMay,Dr.MaAhNghah,Datuk Dr.YosofBasiron,PuahChiewWei,NgMei Han,HarrisonLauLikNang (MPOB)
P.KandiahAwardforDraftingOne PatentSpecificationService	Inventor(s)
	Dr.ZulkifilieIbrahim,GooiChyeSeong, HasmafatihaHarun,NorlailaOmar (SIRIMBERHAD)
MichaelChaiAwardfortheBestIT Invention	Inventor(s)
e-JariFingerprintaccesscontrolsystem	Dr.ZulkifilieIbrahim,GooiChyeSeong, HasmafatihaHarun,NorlailaOmar (SIRIMBERHAD)

AwardsforForeignInventionCategory	Inventor(s)	
<i>GOLDMEDAL</i>		
1. SoapCase	YoonNa -ra	(RepublicofKorea)
2. Easilyportablechairsupportingstand	KimSun -min	(RepublicofKorea)
<i>SILVERMEDAL</i>		
1. Fruitpickingtool	KimSun -min	(RepublicofKorea)
2. Whisk	BaeWoo -ri	(RepublicofKorea)
<i>BRONZEMEDAL</i>		
1. Recyclingcontainer	YoonNa -ra	(RepublicofKorea)
2. Experimentstand	BaeWoon -ri	(RepublicofKorea)

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