

## Products and Services

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### **1. COMMERCIALIZED IP**

| <b>S.No</b> | <b>PRODUCT</b>     | <b>LICENSEE</b>    | <b>IP TYPE</b>                       |
|-------------|--------------------|--------------------|--------------------------------------|
| 1           | Bio-fertilizer     | Mea (K) Ltd        | Knowhow/Trade mark                   |
| 2           | New Bean varieties | Kenya Seed Ltd     | Plant Breeders Rights,<br>Trade mark |
| 3           | New Bean varieties | Elgon Seed (K) Ltd | Plant Breeders Rights,<br>Trade mark |

### **2. INVENTIONS READY TO BE COMMERCIALIZED/LICENSED**

| <b>No.</b> | <b>Name</b>     |
|------------|-----------------|
| 1          | KCB13-01        |
| 2          | KCB13-02        |
| 3          | KCB13-03        |
| 4          | KCB13-04        |
| 5          | KCB13-05        |
| 6          | KCB13-06        |
| 7          | KCB13-07        |
| 8          | KCB13-08        |
| 9          | KCB13-09        |
| 10         | KCB13-10        |
| 11         | KCB13-11        |
| 12         | KCB13-12        |
| 13         | KENYA TAMU      |
| 14         | KENYA SAFI      |
| 15         | KENYA MAVUNO    |
| 16         | NPP670          |
| 17         | ROSECOCO MADINI |
| 18         | KENYA MAUA      |

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|    |              |
|----|--------------|
| 19 | KENYA MAJANO |
| 20 | KENYA MADINI |
| 21 | KENYA CHEUPE |
| 22 | KENYA AFYA   |
|    | KENYA ALMASI |

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For enquiries on the above technologies, email, [ipmo@uonbi.ac.ke](mailto:ipmo@uonbi.ac.ke) [8]

### 3. PATENTS AND UTILITY MODELS APPLICATIONS BY UNIVERSITY OF NAIROBI

|    | Name of inventor               | Position  | Type of Invention | Title/Summary of inv   |
|----|--------------------------------|---|-------------------|--|
| 1. | Dr. Peterson Guto              | College of Biological and Physical Sciences                                       | Patent            | Differential pulse anodic voltammetric sensor using acid/glassy carbon electrode for simultaneous analysis of Cadmium(II) and Cobalt   |
| 1. | Mr. Peter Njenga               | Postgraduate<br>CBPS  | Patent            | Antimicrobial agents produced by <i>Xenorhabdus griffithiae</i> . The invention relates to an application for treating infections caused by antibiotic resistant bacteria  |
| 1. | Ms. Lorine Nanjala             | Postgraduate<br>CBPS  |                   |  |
| 1. | Mr. Musumba Awori              | Postgraduates<br>CBPS   |                   |  |
| 1. | Dr. Wanyonyi Wycliffe Chisutia | Department of Chemistry, College of Biological and Physical Sciences              | Patent            | Eco- friendly and clean processing hides and fish leather using alkaline protease. The invention relates to a bio-processing method of hides and fish skin from <i>Lates niloticus</i> into leather mainly enzymatic treatment of skin with crude alkaline enzyme in the pre-tanning |
| 1. | Prof. John Mmari Onyari        | Department of Chemistry, College of Biological and Physical Sciences,             |                   |  |
| 1. | Dr. Paul Mwanza Shiundu        | Department of Chemical Sciences and Technology, The Technical University of Kenya |                   |  |
| 1. | Prof. Francis Jackim Mulaa     | Lecturer<br>CBPS<br>-Department of Biochemistry, College of Health Sciences       |                   |  |
| 1. | Njenga et al                   | Science and Technology  | Patent            | Medical Suction Pump   |

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|    |                             | Park   |                |   |
|----|-----------------------------|--|----------------|---|
| 1. | Ms. Margaret Wanjiku Murage |  | Patent         | Increasing the consumption of long chain fatty acids through fortification of yoghurt with pufa from Nile perch oil. Compositions are flavoured |
| 1. | Dr. Jane Ambuko             | Lecturer<br>CAVS   | Patent         | The Zero Energy Brick cooling chamber that operates on the principle of evaporative cooling   |
| 1. | Mr. Dennis Mutuma Jabani    | Not in University- through Non Disclosure NDA Agreement      | Utility Model  | Solar - powered TV internet   |
| 1. | Dr. Omondi Bowa A.          | Lecturer<br>CHSS   | Utility Model  | Cooking gas cylinder top -for holding down gas cylinder on passenger vehicle  |
| 1. | Mr. Patrick Mulyungi        | Undergraduate<br>College of Biological and Physical Sciences | Utility Model  | Highway hydraulic elevator a system for converting the compression force of the surface by vehicles   |
| 1. | Dr. Joseph Chege            | Not in University - through NDA                              | Patent         | A drug for treating cancer amphiphilic drug identified  |
| 1. | Shadrack Mukoya Shitseswa   | Education and External Studies                               | Utility models | Re-usable sanitary toilet   |
| 1. | Kenneth Munene Kobia        | ADD  | Utility Model  | Hardcart convertible to   |

#### **4. OTHER TECHNOLOGIES AVAILABLE FOR LICENSING**

| SNo | Name of Technology | Type                  | Salient Non-Technical Features  |
|-----|--------------------|-----------------------|---|
| 1   | 'Miezi Mbili'      | New Bush bean variety | Large Grains and high resistance to most diseases. Very early and suitable for cultivation between 1000 and 2000metres above sea level. |
|     | 'SaIDTECT'         | Test Kit              | High sensitivity to presence of salmonella bacteria. Simple to use.   |
|     | 'Royal Satima'     | Mineral water         | High quality mineral drinking water   |
|     | 'NUCHEM'           | Detergent             | All purpose cleaning detergent with wide applicability in domestic and  |

**5. PATENTS APPLICATIONS FOR 2017**

| <b>Inventor</b>  | <b>Description</b>                          |
|--|---|
| 1. Science and Technology Park -STP                          | A non-pneumatic anti shock garment          |
| 1. Science and Technology Park -STP                          | Generation of oxygen for medical use        |
| 1. Susan Waiyego   | Solid state lithium ion batteries           |
| 1. Edwin Agoi<br>- Institute of Nuclear Science & Technology | Solar Charge Controller                     |
| 1. Dr. Antony Gitau Guto                                     | Use of Coconut Oil in Control of Tungiasis  |
| 1. Davies Nyaigero Ateka                                     | Neem seed extracts pest control formulation |

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