



PATENT FORM NO. 4

CRP: 011172

FEDERAL REPUBLIC OF NIGERIA
Certificate of Registration of Patent
(Patents and Designs Act; CAP 344 Laws of the Federation of Nigeria 1990)

RP: F/PT/NC/2024/12844
Date of Patent: 14/06/2024
Date of Sealing: 01/07/2024

President of the Federal Republic of Nigeria and Commander-in-chief of the Armed Forces
BOLA AHMED TINUBU, GCFR.

Whereas a request for the grant of a patent has been made by: **Isah Yakub Mohammed, Lawan Garba Abubakar, Mohammed Ahmed Bawa, Yousif Abdalla Abakr, Obiichi Obiajunwa, Haliru Liman and Nafisatu Abdulhamid Abubakar ALL OF Abubakar Tafawa Balewa University Bauchi, Nigeria c/o Uche Obiajunwa of Innov8 Technology Hub Airport Road Abuja**

For the sole use and advantage of an invention for: **An Ashless bio-coal from lignocellulosic biomass**

AND WHEREAS the Federal Government being willing to encourage all invention which may be for public good, is pleased to accede to the request:

KNOW YE THEREFORE, that I do by this Instrument give and grant unto the person(s) above named and any successor(s), executor(s), administrator(s) and assign(s) (each and any of whom are hereinafter referred to as the patentee) by special licence, full power, sole privilege and authority, that the patentee or any agent or licensee of the patentee may subject to the conditions and provisions prescribed by any statute or order for the time being in force at all times hereafter during the term of years herein mentioned, make, use, exercise and vend the said invention throughout the Federal Republic of Nigeria, and that the patentee shall have and enjoy the whole profit and advantage from time to time accruing by reason of the said invention during the term of twenty years from the date first above written on this Instrument: **AND** to the end that the patentee may have and enjoy the sole use and exercise of the full benefit of the said invention, I do by this Instrument strictly command all citizens of the Federal Republic of Nigeria that they do not at any time during the continuance of the said term either directly or indirectly make use of or put in practice the said invention, nor in anywise imitate the same, without the written consent, licence or agreement of the patentee, on pain of incurring such penalties as may be justly inflicted on such offenders, and of being answerable to the patentee according to law for damages thereby occasioned:

PROVIDED ALWAYS that this patent shall be revocable on any of the grounds from time to time by law prescribed as grounds for revoking patents granted by me, and the same may be revoked and made void accordingly:

PROVIDED ALSO that nothing herein contained shall prevent the granting of licences in such manner and for such considerations as they may by law be granted

MADE this: 1st DAY OF JULY, 2024


JANE IGWE
Registrar





PATENT FORM NO. 4

CRP:009395

FEDERAL REPUBLIC OF NIGERIA
Certificate of Registration of Patent

(Patents and Designs Act; CAP 344 Laws of the Federation of Nigeria 1990)

RP: F/PT/NC/2024/11944
Date of Patent: 18/04/2024
Date of Sealing: 19/04/2024

President of the Federal Republic of Nigeria and Commander-in-chief of the Armed Forces **BOLA AHMED TINUBU, GCFR.**

Whereas a request for the grant of a patent has been made by: Isah Yakub Mohammed of Department of Chemical Engineering; Mohammed Aminu of Department of Mechatronics and Systems Engineering; Haliru Liman of Department of Electrical and Electronics Engineering all of Faculty of Engineering and Engineering Technology, Abubakar Tafawa Balewa University Bauchi c/o Isah Yakub Mohammed of Department of Chemical Engineering; of Faculty of Engineering and Engineering Technology, Abubakar Tafawa Balewa University Bauchi, Nigeria

For the sole use and advantage of an invention for: **SELF-IGNITION SOLID FUEL STOVE**

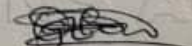
AND WHEREAS the Federal Government being willing to encourage all invention which may be for public good, is pleased to accede to the request:

KNOW YE THEREFORE, that I do by this Instrument give and grant unto the person(s) above named and any successor(s), executor(s), administrator(s) and assign(s) (each and any of whom are hereinafter referred to as the patentee) by special licence, full power, sole privilege and authority, that the patentee or any agent or licensee of the patentee may subject to the conditions and provisions prescribed by any statute or order for the time being in force at all times hereafter during the term of years herein mentioned, make, use, exercise and vend the said invention throughout the Federal Republic of Nigeria, and that the patentee shall have and enjoy the whole profit and advantage from time to time accruing by reason of the said invention during the term of twenty years from the date first above written on this Instrument: **AND** to the end that the patentee may have and enjoy the sole use and exercise of the full benefit of the said invention, I do by this Instrument strictly command all citizens of the Federal Republic of Nigeria that they do not at any time during the continuance of the said term either directly or indirectly make use of or put in practice the said invention, nor in anywise imitate the same, without the written consent, licence or agreement of the patentee, on pain of incurring such penalties as may be justly inflicted on such offenders, and of being answerable to the patentee according to law for damages thereby occasioned:

PROVIDED ALWAYS that this patent shall be revocable on any of the grounds from time to time by law prescribed as grounds for revoking patents granted by me, and the same may be revoked and made void accordingly:

PROVIDED ALSO that nothing herein contained shall prevent the granting of licences in such manner and for such considerations as they may by law be granted

MADE this: **19TH DAY OF APRIL 2024**


JANE IGWE
Registrar



Supremacy