

CERT. No.

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# FEDERAL REPUBLIC OF NIGERIA

## Patents and Designs Act.

(Cap 344 Laws of the Federation of Nigeria 1990)

### *Certificate of Registration of Patent*

RP: NG/P/2018/273

Date of Patent: 30/08/2018

Date of Sealing: 21/01/2019

President of the Federal Republic of Nigeria and Commander-in-chief of the Armed Forces  
**MUHAMMADU BUHARI, GCFR.**

Whereas a request for the grant of a patent has been made by SADEEQ ABUBAKAR MOHAMMED OF LOUGHBOROUGH UNIVERSITY ENGLAND, LE11 3TU, UNITED KINGDOM & FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA, P.M.B 65, MINNA, NIGER STATE, GRAHAM SANDER, ANDREW WHEATLEY OF LOUGHBOROUGH UNIVERSITY, UNITED KINGDOM AND ERIC DANSO-BOATENG OF UNIVERSITY OF LEEDS, WEST YORKSHIRE, ENGLAND, LS2 9JT, UNITED KINGDOM. C/O NATIONAL OFFICE FOR TECHNOLOGY ACQUISITION AND PROMOTION (NOTAP) OF NO.4 BLANTYRE STREET, WUSE II PMB 5074 WUSE, FEDERAL CAPITAL TERRITORY.

For the sole use and advantage of an invention for: **METHOD FOR REMOVING HEAVY METALS AND PIGMENTS FROM TEXTILE AND TANNERY WASTEWATER USING CARBON MATERIALS PRODUCED FROM HYDRO-THERMAL CARBONISATION OF BIOMASS WASTES, AND USING THE TREATED WASTEWATER FOR AGRICULTURE IN DEVELOPING COUNTRIES.**

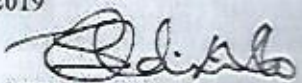
AND WHEREAS the Federal Government being willing to encourage all invention which may be for public good, is pleased to accede to the request:

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: 21<sup>ST</sup> DAY OF JANUARY, 2019

  
STELLA OZO EZENDUKA  
Chief Registrar