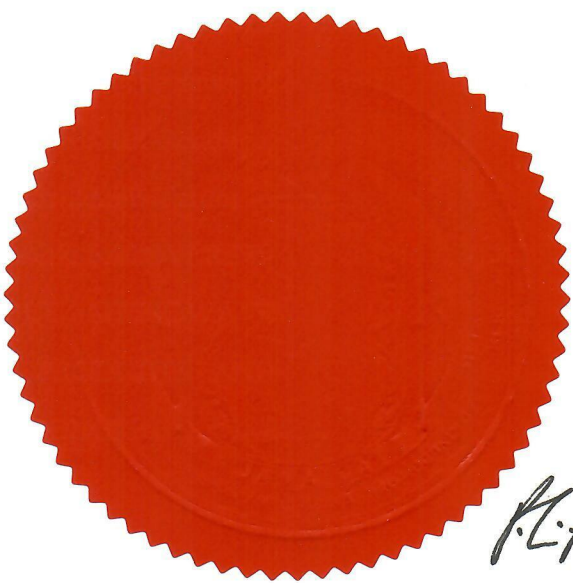


IN THE MATTER of an Application by Lorintech Tecnologia S.A., a company organized and existing under the laws of Brazil, located at Rua Lauro Müller, 116, sala 3903, Botafogo, 22290-160 Rio de Janeiro- RJ, BR-Brasil, for Letters Patent in respect of an invention for "PROCESS FOR RECOVERING MATERIALS FROM BAUXITE RESIDUE, MICROWAVE REACTOR FOR HEATING MINING PRODUCTS AND METHOD FOR HEATING A MINING PRODUCT"



R.L. Allen

AND

IN THE MATTER of the Patent Act.

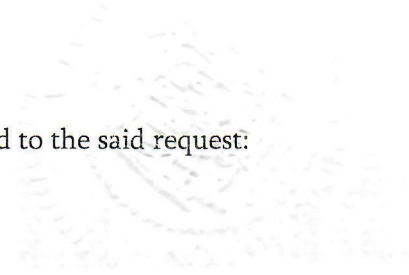
CHARLES III, BY THE GRACE OF GOD OF JAMAICA AND OF HIS OTHER REALMS AND TERRITORIES, KING, HEAD OF THE COMMONWEALTH.

TO ALL TO WHOM THESE PRESENTS SHALL COME, GREETING:

Whereas Lorintech Tecnologia S.A., a company organized and existing under the laws of Brazil, located at Rua Lauro Müller, 116, sala 3903, Botafogo, 22290-160 Rio de Janeiro- RJ, BR-Brasil hath pursuant to the Act of Jamaica in that behalf, duly applied to our Governor-General in an over our Island of Jamaica for Letters Patent in respect of an invention for "PROCESS FOR RECOVERING MATERIALS FROM BAUXITE RESIDUE, MICROWAVE REACTOR FOR HEATING MINING PRODUCTS AND METHOD FOR HEATING A MINING PRODUCT" the nature of which and the manner in which the same is to be performed are particularly set forth and described in the specification lodged with the said application:

AND WHEREAS the Lorintech Tecnologia S.A. said has duly complied with all the requirements of the said Act with respect to such application:

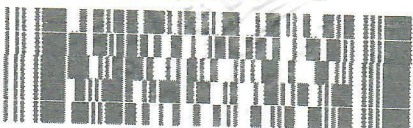
AND WHEREAS we are graciously pleased to condescend to the said request:



[Faint, illegible handwritten text]

Amount Paid: \$1,000.00

Barcode No: E-5898192



KNOW YE, therefore, that we do by these presents, under and in pursuance of the Act of our said Island intituled the Patent Act, give and grant unto the said patentee, its executors, administrators and assigns, our especial licence, full power, sole privilege and authority, that the said patentee, its executors and administrators and assigns, by itself or themselves, its or their agents or licensees, and no others, may at all times hereafter, during the term of fourteen years, from the date of these presents, make use, exercise and vend, the said invention within our said Island of Jamaica in such manner as to it or them may seem meet, and subject to the conditions and restrictions imposed by the laws of our said Island on patentees of inventions, have and enjoy during the said term in respect of the said invention all rights and privileges secured by the said laws to patentees: And we do hereby further declare that the said specification hereinbefore referred to is to be deemed and taken to be embodied in and made part of these presents and that for the purpose of identifying the same our said Governor-General has, at the time of executing these presents, endorsed thereon a memorandum under his hand to the effect that the said specification is the specification hereinbefore referred to: And that these our Letters Patent shall have no force or effect until they together with the said specification have been duly recorded in the Record Office of our said Island: And to the ends aforesaid, we have caused these or Letters Patent to be sealed with the Broad Seal of our said Island of Jamaica.

WITNESS -- HIS EXCELLENCY THE MOST HONOURABLE SIR
PATRICK LINTON ALLEN, Member of the Order of the Nation,
Knight Grand Cross of the Most Distinguished Order of Saint Michael
and Saint George, Commander of the Order of Distinction, Knight of
Grace of the Most Venerable Order of the Hospital of Saint John of
Jerusalem, Governor-General of Jamaica

this **24th** day of **June** in the year of our Lord Two
Thousand and **Twenty-Four** and to be sealed as of
the **24th** day of **June**

Two Thousand and **Twenty-Four**.

MEMORANDUM

THE WITHIN LETTER PATENT HAS BEEN DULY
RECORDED IN THE JAMAICA INTELLECTUAL
PROPERTY OFFICE PURSUANT TO SECTION 16
OF CHAPTER 283 OF THE REVISED ACT

DATED THE 18th DAY OF Sept. 2024

JAMAICA INTELLECTUAL PROPERTY OFFICE



Dated the 24th day of June, 2024.

IN THE MATTER of an application by Lorintech
Tecnologia S.A., a company organized and existing under
the laws of Brazil, located at Rua Lauro Müller, 116, sala
3903, Botafogo, 22290-160 Rio de Janeiro- RJ, BR-Brasil,
for Letters Patent in respect of an invention for "PROCESS
FOR RECOVERING MATERIALS FROM BAUXITE
RESIDUE, MICROWAVE REACTOR FOR HEATING
MINING PRODUCTS AND METHOD FOR HEATING A
MINING PRODUCT"

AND

IN THE MATTER of the Patent Act

LETTERS PATENT

LIVINGSTON, ALEXANDER & LEVY
Attorneys-At-Law
72 Harbour Street
KINGSTON

LODGED IN THE OFFICE OF THE JAMAICA
INTELLECTUAL PROPERTY OFFICE ON THE
11th DAY OF Sept. TWO THOUSAND
AND 24 AND RECEIVED THE SUM OF
\$8.00.

RECORDED IN THE JAMAICA INTELLECTUAL
PROPERTY OFFICE ON THE 18th DAY OF
September, 2024
JAMAICA INTELLECTUAL PROPERTY OFFICE



4242