

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT8018223

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HUA ZHOU	09/27/2022
ALI CAGATAY CIRIK	10/28/2022
ESMAEL HEJAZI DINAN	10/10/2022
YUNJUNG YI	09/30/2022
HYOUNGSUK JEON	11/02/2022
KAI XU	09/19/2022
RECEIVING PARTY DATA	
Name:	OFINNO, LLC
Street Address:	11091 SUNSET HILLS ROAD
Internal Address:	SUITE 510
City:	RESTON
State/Country:	VIRGINIA
Postal Code:	20190
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	18143964
CORRESPONDENCE DATA	
Fax Number:	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	5715231468
Email:	docket1@ofinno.com
Correspondent Name:	OFINNO, LLC
Address Line 1:	11091 SUNSET HILLS ROAD
Address Line 2:	SUITE 510
Address Line 4:	RESTON, VIRGINIA 20190
ATTORNEY DOCKET NUMBER:	21-1118US
NAME OF SUBMITTER:	TAYLOR ABREU-POWELL
SIGNATURE:	/Taylor Abreu-Powell/
DATE SIGNED:	06/21/2023

PATENT

Total Attachments: 12

source=21-1118PUS_2023-06-20_Assignment#page1.tif
source=21-1118PUS_2023-06-20_Assignment#page2.tif
source=21-1118PUS_2023-06-20_Assignment#page3.tif
source=21-1118PUS_2023-06-20_Assignment#page4.tif
source=21-1118PUS_2023-06-20_Assignment#page5.tif
source=21-1118PUS_2023-06-20_Assignment#page6.tif
source=21-1118PUS_2023-06-20_Assignment#page7.tif
source=21-1118PUS_2023-06-20_Assignment#page8.tif
source=21-1118PUS_2023-06-20_Assignment#page9.tif
source=21-1118PUS_2023-06-20_Assignment#page10.tif
source=21-1118PUS_2023-06-20_Assignment#page11.tif
source=21-1118PUS_2023-06-20_Assignment#page12.tif

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **Ofinno, LLC**, having a place of business at 11091 Sunset Hills Road, Suite 510, Reston, Virginia 20190 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following provisional application filed under 35 U.S.C. § 111(b), non-provisional application filed under 35 U.S.C. § 111(a), international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):

International Application No. **PCT/US2022/038205**, entitled "**Power Saving for Paging Message Reception**" filed on **July 25, 2022**, which claims priority from U.S. Provisional Application No. **63/225,172** filed on **July 23, 2021**.

2. The entire worldwide right, title, and interest in and to: (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) that may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for the SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Title: Power Saving for Paging Message Reception

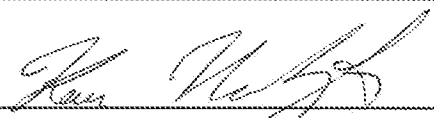
Date Filed: 2022-07-25

Application No.: PCT/US2022/038205

Hua Zhou	Date of Signature 2022-09-27
Ali Cagatay Cirik	Date of Signature
Esmael Hejazi Dinan	Date of Signature
Yunjung Yi	Date of Signature
Hyongsuk Jeon	Date of Signature
Kai Xu	Date of Signature

SIGNATURE of Assignee

The Individual whose signature and title is supplied below is authorized to act on behalf of the assignee.

 Kavon Nasabzadeh Chief Intellectual Property Officer Ofimmo, LLC	9/27/2022 Date of Signature
---	--------------------------------

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **Ofino, LLC**, having a place of business at 11091 Sunset Hills Road, Suite 510, Reston, Virginia 20190 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following provisional application filed under 35 U.S.C. § 111(b), non-provisional application filed under 35 U.S.C. § 111(a), international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):

International Application No. **PCT/US2022/038205**, entitled "**Power Saving for Paging Message Reception**" filed on **July 25, 2022**, which claims priority from U.S. Provisional Application No. **63/225,172** filed on **July 23, 2021**.

2. The entire worldwide right, title, and interest in and to: (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) that may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for the SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Title: Power Saving for Paging Message Reception
Date Filed: 2022-07-25
Application No.: PCT/US2022/038205

Hua Zhou	Date of Signature
----------	-------------------

Ali Cagatay Cirik 	Date of Signature 10/28/2022
---	---------------------------------

Esmael Hejazi Dinan	Date of Signature
---------------------	-------------------

Yunjung Yi	Date of Signature
------------	-------------------

Hyongsuk Jeon	Date of Signature
---------------	-------------------

Kai Xu	Date of Signature
--------	-------------------

SIGNATURE of Assignee

The Individual whose signature and title is supplied below is authorized to act on behalf of the assignee.

Kavon Nasabzadeh Chief Intellectual Property Officer Ofinno, LLC	Date of Signature
--	-------------------

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **Ofinno, LLC**, having a place of business at 11091 Sunset Hills Road, Suite 510, Reston, Virginia 20190 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following provisional application filed under 35 U.S.C. § 111(b), non-provisional application filed under 35 U.S.C. § 111(a), international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):

International Application No. **PCT/US2022/038205**, entitled "**Power Saving for Paging Message Reception**" filed on **July 25, 2022**, which claims priority from U.S. Provisional Application No. **63/225,172** filed on **July 23, 2021**.

2. The entire worldwide right, title, and interest in and to: (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) that may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for the SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Title: Power Saving for Paging Message Reception
Date Filed: 2022-07-25
Application No.: PCT/US2022/038205

<u>Hua Zhou</u>	<u>Date of Signature</u>
-----------------	--------------------------

<u>Ali Cagatay Cirik</u>	<u>Date of Signature</u>
--------------------------	--------------------------

<u>Esmael Hejazi Dinan</u> 	<u>Date of Signature</u> <u>10/10/2022</u>
---	---

<u>Yunjung Yi</u>	<u>Date of Signature</u>
-------------------	--------------------------

<u>Hyongsuk Jeon</u>	<u>Date of Signature</u>
----------------------	--------------------------

<u>Kai Xu</u>	<u>Date of Signature</u>
---------------	--------------------------

SIGNATURE of Assignee

The Individual whose signature and title is supplied below is authorized to act on behalf of the assignee.

<u>Kavon Nasabzadeh</u> Chief Intellectual Property Officer Ofinno, LLC	<u>Date of Signature</u>
---	--------------------------

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **Ofinno, LLC**, having a place of business at 11091 Sunset Hills Road, Suite 510, Reston, Virginia 20190 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following provisional application filed under 35 U.S.C. § 111(b), non-provisional application filed under 35 U.S.C. § 111(a), international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):

International Application No. **PCT/US2022/038205**, entitled "**Power Saving for Paging Message Reception**" filed on **July 25, 2022**, which claims priority from U.S. Provisional Application No. **63/225,172** filed on **July 23, 2021**.

2. The entire worldwide right, title, and interest in and to: (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) that may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for the SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Title: Power Saving for Paging Message Reception
Date Filed: 2022-07-25
Application No.: PCT/US2022/038205

Hua Zhou	Date of Signature
----------	-------------------

Ali Cagatay Cirik	Date of Signature
-------------------	-------------------

Esmael Hejazi Dinan	Date of Signature
---------------------	-------------------

Yunjung Yi	Date of Signature
------------	-------------------

Hyoungsuk Jeon	Date of Signature
----------------	-------------------

Kai Xu	Date of Signature
--------	-------------------

SIGNATURE of Assignee

The Individual whose signature and title is supplied below is authorized to act on behalf of the assignee.

Kavon Nasabzadeh Chief Intellectual Property Officer Ofinno, LLC	Date of Signature
--	-------------------

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **Ofinno, LLC**, having a place of business at 11091 Sunset Hills Road, Suite 510, Reston, Virginia 20190 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following provisional application filed under 35 U.S.C. § 111(b), non-provisional application filed under 35 U.S.C. § 111(a), international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):

International Application No. **PCT/US2022/038205**, entitled "**Power Saving for Paging Message Reception**" filed on **July 25, 2022**, which claims priority from U.S. Provisional Application No. **63/225,172** filed on **July 23, 2021**.

2. The entire worldwide right, title, and interest in and to: (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) that may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for the SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

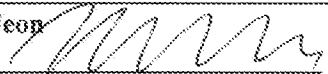
Title: Power Saving for Paging Message Reception
Date Filed: 2022-07-25
Application No.: PCT/US2022/038205

Hua Zhou	Date of Signature
----------	-------------------

Ali Cagatay Cirik	Date of Signature
-------------------	-------------------

Esmael Hejazi Dinan	Date of Signature
---------------------	-------------------

Yunjung Yi	Date of Signature
------------	-------------------

Hyoungsuk Jeon 	Date of Signature 11/2/2022
--	-----------------------------

Kai Xu	Date of Signature
--------	-------------------

SIGNATURE of Assignee

The Individual whose signature and title is supplied below is authorized to act on behalf of the assignee.

Kavon Nasabzadeh Chief Intellectual Property Officer Ofinno, LLC	Date of Signature
--	-------------------

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **Ofinno, LLC**, having a place of business at 11091 Sunset Hills Road, Suite 510, Reston, Virginia 20190 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following provisional application filed under 35 U.S.C. § 111(b), non-provisional application filed under 35 U.S.C. § 111(a), international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):

International Application No. **PCT/US2022/038205**, entitled "**Power Saving for Paging Message Reception**" filed on **July 25, 2022**, which claims priority from U.S. Provisional Application No. **63/225,172** filed on **July 23, 2021**.

2. The entire worldwide right, title, and interest in and to: (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) that may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for the SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Title: Power Saving for Paging Message Reception
Date Filed: 2022-07-25
Application No.: PCT/US2022/038205

Hua Zhou _____ Date of Signature _____

Ali Cagatay Cirik _____ Date of Signature _____

Esmael Hejazi Dinan _____ Date of Signature _____

Yunjung Yi _____ Date of Signature _____

Hyongsuk Jeon _____ Date of Signature _____

Kai Xu *Kai Xu* _____ Date of Signature *9/14/2022* _____

SIGNATURE of Assignee

The Individual whose signature and title is supplied below is authorized to act on behalf of the assignee.

Kavon Nasabzadeh _____ Date of Signature _____
Chief Intellectual Property Officer
Ofinno, LLC