PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THOMAS P. DALY	02/14/2020

RECEIVING PARTY DATA

Name:	TPAT IP LLC
Street Address:	2201 W. CAMPBELL PARK DRIVE
Internal Address:	#35
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60612

PROPERTY NUMBERS Total: 40

Property Type	Number
Patent Number:	7655819
Patent Number:	7439376
Patent Number:	8742151
Patent Number:	8901332
Patent Number:	9290437
Patent Number:	7193101
Patent Number:	7635791
Patent Number:	7851652
Patent Number:	7939659
Patent Number:	8034951
Patent Number:	8334402
Patent Number:	8519141
Patent Number:	8822728
Patent Number:	9090638
Patent Number:	9447310
Patent Number:	9475754
Patent Number:	9580385
Patent Number:	9676709
Patent Number:	10259783

PATENT REEL: 052006 FRAME: 0065

505948606

Property Type	Number
Patent Number:	10307707
Patent Number:	9802908
Patent Number:	10308589
Patent Number:	9481634
Patent Number:	10047044
Patent Number:	10442754
Patent Number:	9867813
Application Number:	16661822
Application Number:	16520902
Application Number:	16383075
Application Number:	16429031
Application Number:	16430497
Application Number:	16599089
Application Number:	16374823
Application Number:	15871554
Application Number:	62916859
PCT Number:	US2014065416
PCT Number:	US2015042858
PCT Number:	US2019027421
PCT Number:	US2016058789
PCT Number:	US2019013571

CORRESPONDENCE DATA

Fax Number: (630)428-0104

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.

Phone: 7085289092
Email: clifflaw@att.net
Correspondent Name: CLIFFORD KRAFT
Address Line 1: 320 ROBIN HILL DR.

Address Line 4: NAPERVILLE, ILLINOIS 60540

NAME OF SUBMITTER:	CLIFFORD H. KRAFT
SIGNATURE:	/clifford kraft/
DATE SIGNED:	03/04/2020

Total Attachments: 2 source=tpat#page1.tif source=tpat#page2.tif

PATENT REEL: 052006 FRAME: 0066

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS: Thomas P. Daly

hereinafter referred to as the ASSIGNOR, owns rights as inventor in a certain inventions for which Letters Patent have been granted by the United States Patent and Trademark Office or Applications for Letters Patent have been filed with the United States Patent and Trademark Office (THE INTELLCETUAL PROPERTY). The ASSIGNOR wishes to vest these rights in said THE INTELLECTUAL PROPERTY to:

TPAT IP LLC 2201 W. Campbell Park Drive #35 Chicago, IL 60612

hereinafter referred to as ASSIGNEE.

The list of THE INTELLECTUAL PROPERTY appears as Appendix I to this Assignment document. This assignment applies to, and is binding, on every item listed in Appendix I.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that for valuable consideration of at least \$10,00 (Ten Dollars) United States currency, the ASSIGNOR hereby sells, assigns, and transfers to the ASSIGNEE the full and exclusive right, title, and interest to said inventions, patents and patent applications as well as any future Letters Patent or Patent Applications, domestic or international, to be obtained therefrom, and any continuation, division, continuation-in-part, renewal, substitute, re-examination, or reissue application or patent therefrom for the full term or terms for which the same may be granted. The ASSIGNOR further conveys to ASSIGNEE all priority rights in all countries, and under the Patent Convention Treaty and the Paris Convention, resulting from the above-identified application for Letters Patent of the United States. The ASSIGNOR agrees to execute all papers instruments and affidavits required, to give any required testimony, and perform any other lawful acts, at the ASSIGNEE'S expense, as the ASSIGNEE may require to enable the ASSIGNEE to perfect the ASSIGNEE'S interest in any resulting patent of the United States and in countries foreign thereto which may be necessary or desirable to carry out the purposes hereof.

The ASSIGNOR further sells, assigns, conveys and transfers to the ASSIGNEE all rights to any and all accrued past damages and to any future damages caused by infringement of the above-named patent or any patent resulting from THE INTELLECTUAL PROPERTY by any party anywhere, known or unknown to the ASSIGNOR, either at the time of this conveyence or at any future time.

IN TESTIMONY WHEREOF the ASSIGNOR has hereunto set his hand

day of /- 12020.

Signature of the Assignor

APPENDIX I. THE INTELECTUAL PROPERTY

U.S. Patents:

7,655,819	polymers
7,439,376	Oleate
8,742,151	Esters
8,901,332	Esters
9,290,437	Esters
7,193,101	Esters
7,635,791	Bufs cip0
7,851,652	Bufs cip1
7,939,659	Bufs cip2
8,034,951	Bufs cip3
8,334,402	Bufs cip4
8.519,141	Bufs cip5
8,822,728	Bufs cip6
9,090,638	Bufs cip7
9,447,310	Bufs cip8-x
9,475,754	Bufs cip8-y
9,580,385	CS2 CIP1
9,676,709	CS2 CONT2
10,259,783	CS2 CONT
10,307,707	AMP
9,802,908	Ethyl Bz QUATS
10,308,589	Amido
9,481,634	Mining Amines
10,047,044	Mining Amines CONT1
10,442,754	Mining Amines CIP2
9,867,813	Pyridine

US Applications

16/661,822	DUTS CIPTU-CONT
16/520,902	bufs CONT11
16/383,075	CS2 CIP4
16/429,031	AMP
16/430,497	Amido
16/599,089	Mining Amines CONT2
16/374,823	AGE amines (Already assigned Kowalski)
15/871,554	Pyridine
62/916,859	Mining Amines prov1 after CIP2

International Applications

PCT/US14/65416 PCT/US15/42858 PCT/US19/27421 PCT/US16/58789	Bufs BRAZIL CS2 into BRAZIL, PERU, AUSTRALIA, SOUTH AFRICA, CHILI, CANADA CS2 (MO 30 9/23/20) Mining amines into CHILI, PERU, SOUTH AFRICA, CANADA, CHINA, BRAZIL, AUS
PCT/US19/13571	Pyridine (Mo 30 7/15/20)

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RECORDED: 03/04/2020