B

U.S. DEPARTMENT OF COMMERCE FORM PTO-159: 1-31-92 EET Patent and Trademark Office To the Honorable Commissioner and Trademarks. Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): Name and address of receiving party(ies): Kim Eric Arndt Dow AgroSciences LLC 12-26-62 Timothy Calvin Johnson 9330 Zionsville Road David George Ouse Indianapolis, Indiana 46268 United States of America Additional name(s) of conveying party(ies) attached. Additional name(s) & address(es) attached 3. Nature of conveyance: **☑**Assignment Merger Security Agreement Change of Name Other: Execution Date(s): October 29, 2001 4. Application number(s) or patent number(s): 60/246,115 filed 11/03/2000 and 10/000,873 filed 11/02/2001 If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s): Additional Application Number(s) or Patent Number(s) are attached. Title of Application N-([1,2,4] Triazoloazinyl) Thiophenesulfonamide Compounds And Their Use As Herbicides Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: Kenneth L. Loertscher 7. Total fee (37 CFR 3.41):....\$ 80.00 Dow AgroSciences LLC 9330 Zionsville Road Enclosed Indianapolis, IN 46268 ☑ Authorized to be charged to deposit account 8. Deposit account number: 04-1529 *If this estimate is incorrect, please debit or credit our account accordingly. DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. raig E. Mylan 12/19/82 Signature Date Craig E. Mixan, 32,709 Name of Person Signing Total number of pages including cover sheet, attachments, and document:

01/06/2003 GTDN11 00000122 041529 60246115 01 FC:8021 80.00 CH

50,683A

25212

PATENT TRADEMARK OFFICE

PATENT REEL: 013621 FRAME: 0511

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION (with Priority Rights)

I verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled:

N-([1,2,4]TRIAZOLOAZINYL)THIOPHENESULFONAMIDE COMPOUNDS AND THEIR USE AS HERBICIDES

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our names(s). I/We acknowledge that I/we hold the invention and all patents and other rights and powers obtainable or exercisable in respect thereof in trust for our respective employers.

As trustee(s), and for good and valuable consideration and/or the remuneration received for my work, I/we sell, assign and transfer unto:

Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, Indiana 46268 United States of America

a limited liability company organized and existing under the laws of the State of Delaware, U.S.A. (hereinafter referred to as the "Assignee"); my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications for Letter Patent in its own name, or in the name of its designee (or nominee(s)); and all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all International Conventions(s) and Treaties in the name of Assignee, and all rights in and to any Letters Patent that may be issued for the invention in any and all countries.

I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may arise involving the invention or the patent or patents thereon, and to execute for any and all countries any document relating to applications derived from, corresponding to or equivalent to the above identified application as Assignee may request.

I/we do hereby authorize Assignee or its desi first patent application filed on the invention: Application No. 60/246,115	gnee to insert here the appFiling Date	lication number, filing date	, and country for the		
in country United States of Ar	merica				
To facilitate recordal of this assignment in connection with other patent applications on the invention, I/we do hereby authorize Assignee or its designee to insert here the application number, filing date, and country for any such patent					
application: Application No. 10/000,873 in country United States of A	Filing Date	11/02/2001			

I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

Subscribed and Declared by me/us:

At Indianapolis, Indiana 46268 U.S.A.	At Indianapolis, Indiana 46268 U.S.A.
This 29 day of October 2001	This 29 day of Octobe 2001
Signature Kin Evic arnels	Signature Limothis C. Johnson
Full Name: Kim Eric Arndt	Full Name: Timothy Calvin Johnson
Residence: 13563 Spring Farms Drive	Residence: 2010 Brewster Road
Carmel, Indiana 46032	Indianapolis, Indiana 46260
Country: United States of America	Country: Unites States of America
Citizenship: Unites States of America	Citizenship: United States of America
P.O. Address: Same as Residence	P.O. Address: Same as Residence
Employed By: Dow AgroSciences LLC	Employed By: Dow AgroSciences LLC
Of Country: United States of America	Of Country: United States of America

Page Two of two

Additional names, addresses, and signatures to be attached to Form No. 110 Entitled: INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

At Indianapolis, Indiana 46268 U.S.A.	At
this 29 day of October 2001	Thisday of20
Signature Daniel Bearge Outl	Signature Full Name:
Full Name: David George Ouse	Residence:
Residence: 8315 Mockingbird Lane	
Indianapolis, Indiana 46256	Country:
Country: United States of America	Citizenship:
Citizenship: United States of America	P.O. Address:
P.O. Address: Same as Residence	Employed By:
Employed By: Dow AgroSciences LLC	Of Country:
Of Country: United States of America	

FORM 222

NOTARIAL CERTIFICATE (Individual)

UNITED STATES OF AMERICA STATE OF INDIANA

COUNTY/PARISH of Marion

cn this 29 Haday of

2001, personally appeared

before me Kim Eric Arndt

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and

deed for uses and purposes therein expressed.

SEAL

Michele D. Lyons Resident of Marion My Commission Expires

County July 5, 2007

Public

NOTARIAL CERTIFICATE (Individual)

UNITED STATES OF AMERICA STATE OF INDIANA

COUNTY/PARISH of Marion

2001, personally appeared

29thday of before me Timothy Calvin Johnson

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

nichi

SEAL

Michele D. Lyons Resident of Marion My Commission Expires

County July 5, 2007

Notary Public

NOTARIAL CERTIFICATE (Individual)

UNITED STATES OF AMERICA

STATE OF INDIANA

COUNTY/PARISH of Marion

RECORDED: 12/26/2002

on this 29Hday of & before me David George Ouse

2001, personally appeared

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

SEAL

Michele D. Lyons Resident of Marion

My Commission Expires

County July 5, 2007

Public

50.683A

PATENT REEL: 013621 FRAME: 0514