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FORM PTO-1595 Rev. 08/28/92	,	08-13-20 1025233	56	EET ,	U.S. DEPARTMENT OF COMMERI Patent and Trademark Office
	Assistant Commissioner I	or Patents and Trademarks: Pl		original document	s or copy thereof.
1. Name of conveying party(ies): Peter S. Mezes \$ -8-03		2. Name and address of receiving party(ies): THE DOW CHEMICAL COMPANY 2030 Dow Center Midland, Michigan 48674 UNITED STATES OF AMERICA			
Additional r	name(s) of conveying p	party(ies) is attached.	Additional n	ame(s) & addr	ess(es) are attached.
x Ass ☐ Se	e of conveyance: signment ecurity Agreement other			☐ Merger ☐ Change o	of Name
Execu	ution Date(s) May	12, 2000 Effe	ctive as of Fe	ebruary 1	2000 FINANCE
		ruary 14, 2000	lication, the execut	ion date of the	250TIC1
	LI Addilio	onal Application Number	s) or Patent Numbe	er(s) are attach	ned.
	address of party to who	om correspondence	·		ned. pplications and patents
The Do Intellec P. O. B Midland	address of party to who	om correspondence nailed: ompany 641-1967	6. Total fer ☐ Enc ☑ Plea Account	al number of a e (37 CFR 3.4 closed ase deduct the t sit Account	pplications and patents
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The Do Intellect P. O. B. Midland United Statement To the bes	address of party to who document should be moved that Property sox 1967 d, Michigan 486 States of Americal and signature:	om correspondence nailed: ompany 641-1967 ica	6. Total feed involved: 1 7. Total feed involved: 1 Report incorrect according to the second involved: 1	al number of a e (37 CFR 3.4 elosed ase deduct the t sit Account t, please debi	pplications and patents 1) \$40.00 above fee from our Deposit

PATENT REEL: 014365 FRAME: 0470 FORM 110 (R 5/97)

signment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and $R/\!{
m Date}$

Docket Ref. 37075H CIP 1

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION (WITH PRIORITY RIGHTS)

I/we 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:

PROBING METHOD FOR IDENTIFYING ANTIBODIES SPECIFIC FOR SELECTED ANTIGENS

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 name(s). I/we acknowledge that I/we hold the invention and all patent 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/our work, I/we sell, assign and transfer unto:

THE DOW CHEMICAL COMPANY 2030 Dow Center Midland, Michigan 48674 United States of America

a corporation 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 t	to the invention and all rights and powers to make applications,
including provisional applications when permitted by law, for Lette	ers 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 United States domestic laws, Inter	national Convention(s) and Treaties in the name of Assignee, and
do hereby authorize Assignee or its designee to insert here the	
Application No. 09/503653	Filing Date February 14, 2000
in country the United States of America	
of the application, on which the claim for priority will be based; an	d 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 inve	ention or the patent or patents thereon, and to execute for any and
all countries any document relating to applications derived from, co	orresponding to or equivalent to the above identified application as
Assignee may request; and I/we do hereby authorize Assignee or it	s designee (or nominee(s)) to insert here any corresponding
<u>equivalent</u>	
Application NoFiling D	ate
in country	and and an arranged by the standard and antered barringhous
for recordal of this Assignment. I'we authorize Assignee or its de	in a state of the state of the Assignment into all languages passessesses
for recordal of this Assignment. I we authorize Assignee of its de	and consent to the recordal of this Assignment, or a Notarial True
and we request that any such Letters Patent be issued to Assignee; Copy thereof, being under covenant not only that I/we have full po	and consent to the recordar of this Assignment, of a Notatial True
Copy thereof, being under covenant not only that I/we have full po	ower 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:	
Subscribed and Decrated by mods.	
At: Cld Lyine, CT OER/	At:
this 12 +h day of 1/200 , 20 CC	At: day of, 20
Effective as of February 14, 2000	Effective as of February 14, 2000
Effective as off cortainly 11, 2000	
Signature: Little Ming	Signature:
Full Name: Peter S. Mezes	Full Name: Brian Gourlie
Residence: 7 Clarks Lane	Residence: 62 Wood Street
Old Lyme, Connecticut 06371	Concord, Massachusetts 01742
	Country: United States of America
1 The state of the	Citizenship: United States of America
	P. O. Address: Same as Residence
1. 0.1.	Employed By: The Dow Chemical Company*
Employed By: The Dow Chemical Company*	
Of Country: United States of America	Of Country: United States of America
At: day of, 20	At: Midland, Michigan 48674 USA
	thisday of, 20
Effective as of February 14, 2000	Effective as of February 14, 2000
<u> </u>	
Signature:	Signature:
Full Name: Mark W. Rixon	Full Name: W. H. Kerr Anderson
Residence: 3724 248th Place SE	Residence: 5112 Cortland Street
Issaquah, Washington 98029	Midland, Michigan 48642
Country: United States of America	Country: United States of America
Citizenship: United States of America	Citizenship: United Kingdom
P. O. Address: Same as Residence	P. O. Address: Same as Residence
Employed By: The Dow Chemical Company*	Employed By: The Dow Chemical Company
Of Country: United States of America	Of Country: United States of America
Of Country.	

^{*}At time of the invention

This Assignment 220 is in the ENGLISH language and has the same meaning in other languages with the same 220 number and R/Date.

\$220 \@22

FORM 220

Docket Ref. 37075H CIP 1

NOTARIAL CERTIFICATE (INDIVIDUAL)

Pcter S. Mezes

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

Notary Public

TRUE COPY

TO ALL TO WHOM THESE PRESENTS SHALL COME,

I Do Hereby Certify that the annexed document(s) are TRUE COPIES of the original document(s) which I have compared.

at Midla	nd, Michiga	an 48674, USA		
this 6 th	day of _	August	20 <u>03</u>	
		Of	Crystál S. Roho ffice Professio V CHEMICAL O	onal
	NOTA	RIAL CEF	RTIFICATE	
UNITED STATES (STATE OF MICHIO County/Parish of M	AN	A)) SS)		
On this <u>6th</u> before me,	day of	August	20 <u>03</u>	, personally appear
		Crystal S. R	Rohde	
				ne foregoing docume and purposes therei
SEAL cak		O <u>O</u> Notary I	olisi (1	nn King

RECORDED: 08/08/2003

Caroline Ann King
Notary Public, Gladwin County, Michigan
Acting in Midland County, Michigan
My Commission Expires June 12, 2007

PATENT REEL: 014365 FRAME: 0473