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03-14-2003

Case No.: 58367US002

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To: The Honorable Commissi			S 67
Please record the attached original		· · · · · · · · · · · · · · · · · · ·	
1. Name of conveying party	(ies)/(Execution Date)	2. Name and address of receiving	narty(ie
, , , , , , , , , , , , , , , , , , ,	F.1 00 0000		4
Johansson, Ronald C.	February 20, 2003	3M Innovative Properties Compan	v m
Kirschhoffer, Jon A.	February 20, 2003	P.O. Box 33427	· y
Williams, Amelia A.	February 20, 2003	St. Paul, Minnesota 55133-3427	
Mnich, Mark E.	February 24, 2003	St. I aui, Willinesota 55155-5427	
Burger, Jeffrey R.	February 24, 2003		
Lorenz, Jr., Michael A.	February 24, 2003		
Painter, Michael J.	February 24, 2003	Additional names of receiving party(ies) ☐ Yes ☒ No	attached?
Additional names of conveying Yes No	party(ies) attached?		
3. Nature of Conveyance:			
	☐ Merger		
Security Agreement	Change of Name	\	
Other:	0		
· ·	a previously recorded document, a cod previous Notice of Recordation is en	4.5	
4. Application number or p		9/76775	
	d contemporaneously with a ne	ew patent application.	
	rded against the following pate		
		er only if a USSN has not been assigned:	
	Additional Numbers A		
5. Name and address of party	to whom correspondence	6. Total number of applications	
concerning document shou		and patents involved:	
Name: David B. Patc Office of Intellectual P			
3M Innovative Propert			
Phone Number: (651)		T. T. 10 (25 CFD 2 (4))	
Thone Traineer. (651)	750 1715	7. Total fee (37 CFR 3.41): \$40.00	
	14 (4)(4 (4)(4) (11)	☐ Enclosed	
		Authorized to be charged to deposit account	int
3269) 2		
320	72	8. Deposit Account Number: 13-3723	
PATENT TRADEM	MARK OFFICE	6. Deposit Account Number. 13-3/23	
003 ECOOPER 00000117 133723 2	9176775 DO NOT U	SE THIS SPACE	
)21 40.00 CH	/		
9. Statement and Signature			
To the best of my knowledge an	d belief, the foregoing informa	ation is true and correct and any attached copy is a tru	e copy of the
original document. Charges to	deposit account are authorized	, as indicated herein.	
Printed Name of	1		
Attorney/Agent: David B. Patc	hett New BPal	FEBRUART 26, 2003	
Registration No.: 39,326	Signature	Date	
Pages: Total number of page	es including COVER SHEET,	attachments and documents	

Mail documents to be recorded with required cover sheet information to: Commissioner for Patents, Box Assignments, Washington, DC 20231

CPI 100 Assign Record Cover - New Appln (3/06/02)

Case No.: 58367US002

ASSIGNMENT OF APPLICATION

inv	Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, have made an vention in
	HOOK
	for which an application for a United States Patent is being filed contemporaneously herewith; for which an application for a United States Patent identified as U.S. Patent Application No.; was filed on; which application is identified as PCT International Patent Application No. filed;
wh Mi an im du su Sta	Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I/we have agreed to sign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a nolly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office at Saint Paul, innesota, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all provements in the said invention made by me or made jointly with others (provided any such improvement is made uring, or within one year after the termination of, my employment by 3M COMPANY and any of its existing or future obsidiaries), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United ates of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or ventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications which such applications are entitled under international conventions, treaties, or otherwise), which have been or

enjoyed as fully and exclusively as they would have been by me/us had this assignment and transfer not been made; I/We do further agree for myself/ourselves and for my/our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I/we lawfully may, that may be deemed necessary by said Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries; and

may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon the said invention or improvements thereon, to be held and

I/We do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

Given Name (first and middle [if any]): Ronald C.	Family Name or Surname: Johansson	
Inventor's Signature:	Date: 2/20/0	3
Residence: Stillwater, Minnesota	Country: USA	Citizenship: United States of America
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY) On this 20th day of February	. 3003 , before me p	are another appropriately
above-named Ronald C. Johansson, and who executed the f		- · · · · · · · · · · · · · · · · · · ·
SUSAN M. HENDRICKSON (Seal) NOTARY PUBLIC - MINNESOTA	Notary Public	-duckson

Case No.: 58367US002

Given Name (first and middle [if any]):	Family Name or Surname:	
Jon A.	Kirschhoffer	
Inventor's Signature:	Date:	
Dry a chrichop	2/20/03	
Residence:	Country: '	Citizenship:
White Bear Lake, Minnesota	USA	United States of America
STATE OF MINNESOTA)		
) ss.		
COUNTY OF RAMSEY)	1003	
On this 30th day of February	3003 , before me pe	ersonally appeared the
above-named Jon A. Kirschhoffer, and who executed the foregoing and year aforesaid.	going instrument, as said perso	on's tree act and deed, on the
day and year aloresaid.		o · /
(Seal)	Susan M). Hen	ductoson
SUSAN PR. M COSUN \$ NOTARY PUBLIC OF MIRESOTA \$	lotary Public	
My Comm. Expires Jan. 31, 2005		
<pre></pre>		
Given Name (first and middle [if any]):	Family Name or Surname:	
Given Name (first and middle [if any]): Amelia A.	Family Name or Surname: Williams	
Amelia A.		
Amelia A.	Williams Date:	
Amelia A. Inventor's Signature: Unelia a. Williams	Williams Date: $2/20/03$	
Amelia A. Inventor's Signature: Unelia a. Williams Residence:	Williams Date: 2/20/03 Country:	Citizenship:
Amelia A. Inventor's Signature: Unelia a. Williams	Williams Date: $2/20/03$	Citizenship: United States of America
Amelia A. Inventor's Signature: Unelia a. Williams Residence:	Williams Date: 2/20/03 Country:	
Amelia A. Inventor's Signature: Whetha G. Williams Residence: Woodbury, Minnesota STATE OF MINNESOTA) ss.	Williams Date: 2/20/03 Country:	
Amelia A. Inventor's Signature: Whetha A. Williams Residence: Woodbury, Minnesota STATE OF MINNESOTA) ss. COUNTY OF RAMSEY)	Williams Date: 2/20/03 Country: USA	United States of America
Amelia A. Inventor's Signature: Whetha U. Williams Residence: Woodbury, Minnesota STATE OF MINNESOTA) ss. COUNTY OF RAMSEY On this SOTh day of Jehrany	Williams Date: 2/20/03 Country: USA Date: 2/20/03 Date: Approximately: Date: 2/20/03 Date: Approximately: Date: Date: Approximately: Date: D	United States of America
Amelia A. Inventor's Signature: Which a G. Williams Residence: Woodbury, Minnesota STATE OF MINNESOTA	Williams Date: 2/20/03 Country: USA Date: 2/20/03 Date: Approximately: Date: 2/20/03 Date: Approximately: Date: Date: Approximately: Date: D	United States of America
Amelia A. Inventor's Signature: Whetha U. Williams Residence: Woodbury, Minnesota STATE OF MINNESOTA) ss. COUNTY OF RAMSEY On this SOTh day of Jehrany	Williams Date: 2/20/03 Country: USA Date: 2/20/03 Date: Approximately: Date: 2/20/03 Date: Approximately: Date: Date: Approximately: Date: D	United States of America
Amelia A. Inventor's Signature: Which a G. Williams Residence: Woodbury, Minnesota STATE OF MINNESOTA	Williams Date: 2/20/03 Country: USA Joing instrument, as said person Lusan M. Hen	United States of America
Amelia A. Inventor's Signature: Which a G. Williams Residence: Woodbury, Minnesota STATE OF Minnesota	Williams Date: 2/20/03 Country: USA Date: 2/20/03 Date: Approximately: Date: 2/20/03 Date: Approximately: Date: Date: Approximately: Date: D	United States of America
Amelia A. Inventor's Signature: Which a G. Williams Residence: Woodbury, Minnesota STATE OF MINNESOTA	Williams Date: 2/20/03 Country: USA Joing instrument, as said person Lusan M. Hen	United States of America

Given Name (first and middle [if any]):	Family Name or Surname:	
Mark E.	Mnich	
Inventor's Signature:	Date:	
A COLOR A		
	FEB 2 4 2003	
Residence:	Country:	Citizenship:
Columbus, Ohio	USA	United States of America
STATE OF OHIO .)		
LICKING) ss.		
COUNTY OF FRANKLIN)	0.000	
On this 24th day of February	_, <u>2003</u> , before me pe	ersonally appeared the
above-named Mark E. Mnich, and who executed the foregoin	g instrument, as said person's f	ree act and deed, on the day
and year aforesaid.		
(Seal) HERMAN E. JONES	716)
6 503 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Notary Public	3
notary public, state of 0410 Ley commission expires august 3, 2004	,	
MA COMMISSION EXPINES SEGRED : 37 CCC.		
Given Name (first and middle [if any]):	Family Name or Surname:	
Given Name (first and middle [if any]): Jeffrey R.	Family Name or Surname: Burger	
Jeffrey R.	Burger	
	I	2003
Jeffrey R.	Burger	2003
Jeffrey R. Inventor's Signature Residence:	Burger Date: FEB 2 4	Citizenship:
Jeffrey R. Inventor's Signature.	Burger Date: FEB 2 4	
Jeffrey R. Inventor's Signature Residence: Bexley, Ohio	Burger Date: FEB 2 4	Citizenship:
Jeffrey R. Inventor's Signature Residence:	Burger Date: FEB 2 4	Citizenship:
Residence: Bexley, Ohio STATE OF OHIO LICKING COUNTY OF FRANKLIN Jeffrey R. Residence: Residence: Bexley, Ohio STATE OF OHIO LICKING) ss.	Burger Date: Country: USA	Citizenship: United States of America
Jeffrey R. Inventor's Signature Residence: Bexley, Ohio STATE OF OHIO LICKING) ss. COUNTY OF FRANKLIN) On this 24th day of FC NIVORY	Burger Date: Country: USA Date: D	Citizenship: United States of America ersonally appeared the
Inventor's Signature, Residence: Bexley, Ohio STATE OF OHIO LICKING) ss. COUNTY OF FRANKLIN On this 34th day of February above-named Jeffrey R. Burger, and who executed the foreg	Burger Date: Country: USA Date: D	Citizenship: United States of America ersonally appeared the
Jeffrey R. Inventor's Signature Residence: Bexley, Ohio STATE OF OHIO LICKING) ss. COUNTY OF FRANKLIN) On this 24th day of FC NIVORY	Burger Date: Country: USA Date: D	Citizenship: United States of America ersonally appeared the
Jeffrey R. Inventor's Signatore Residence: Bexley, Ohio STATE OF OHIO LICKING SS. COUNTY OF FRANKLIN On this 34th day of FChirodry above-named Jeffrey R. Burger, and who executed the foreg and year aforesaid.	Burger Date: Country: USA Date: D	Citizenship: United States of America ersonally appeared the
Inventor's Signature Residence: Bexley, Ohio STATE OF OHIO LICKING) ss. COUNTY OF FRANKLIN) On this 34th day of FChiru dry above-named Jeffrey R. Burger, and who executed the foreg and year aforesaid. (Seal)	Burger Date: Country: USA Defore me poing instrument, as said person	Citizenship: United States of America ersonally appeared the
Inventor's Signatore, Residence: Bexley, Ohio STATE OF OHIO LICKING SS. COUNTY OF FRANKLIN On this 24th day of FChildry above-named Jeffrey R. Burger, and who executed the foreg and year aforesaid. (Seal)	Burger Date: Country: USA Date: D	Citizenship: United States of America ersonally appeared the

Given Name (first and middle [if any]): Michael A.	Family Name or Surname: Lorenz, Jr.	
_		
Inventor's Signature:		
Muchael G. Jours	FEB 2 4 2003	
Residence: Gahanna, Ohio	Country: USA	Citizenship: United States of America
STATE OF OHIO) 以代が3) ss.		
COUNTY OF F RANKLÍN)	2002	1
On this 24th day of February	, 2003 , before me per	rsonally appeared the
above-named Michael A. Lorenz, Jr., and who executed the forthe day and year aforesaid.	oregoing instrument, as salu p	erson's free act and deed, on
(Seai)	The sel	
DOTATIVE PUBLIC STATE OF FORCE	Notary Public	
3, 2004		
	M	
Given Name (first and middle [if any]):	Family Name or Surname:	
Michael J.	Painter	
Inventor's Signature:	Date:	
Julial for fund	FEB 2 4	
Résidence: Columbus, Ohio	Country: USA	Citizenship: United States of America
	USA	United States of America
STATE OF OHIO) Lie King) ss.		
COUNTY OF FRANKLIN)		
On this 34th day of FRBTUSRY above-named MIChael J. PAINTER and who execu	, $\frac{2\omega 3}{}$, before me pe	ersonally appeared the
above-named hit should be a relief to and who execu	uted the foregoing instrument,	as said person's tree act and
deed, on the day and year aforesaid.	,	

Notary Public

RECORDED: 02/26/2003

(Seal)

eseman e. Jones

Control expires angest 3, 2004

Case No.: 58367US002