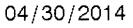
APR 3 0 (Rev. 06-12) 5th OMB No. 0651-0027 (exp. 04/30/2015)

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U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

RECORDATION FORM COVER SHEET

4. Application or patent number(s):  A. Patent Application No.(s)    Additional numbers attached?   Yes   No	PAIENTS UNLY		
Name: Lexmark International, Inc.	To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.		
Internal Address:  Internal Address: Internal Ad	1. Name of conveying party(ies)	2. Name and address of receiving party(ies)	
Additional name(s) of conveying party(ies) attached? Yes No  3. Nature of conveyance/Execution Date(s):  Execution Date(s) 4/4/2003 / 4-15-2003  Assignment	Bailey, James Ray; Breswick, Curt Paul;		
Additional name(s) of conveying party(ies) attached?		Internal Address:	
Street Address: 740 West New Circle Road    Street Address: 740 West New Circle Road   Street Address: 740 Wes	Ward, James Alan; Pham, Bob Thai		
Assignment	Additional name(s) of conveying party(ies) attached? Yes Mo		
Assignment   Merger   City: Lexington   Security Agreement   Change of Name   Joint Research Agreement   State: KY   Country: US   Zip: 40550   Executive Order 9424, Confirmatory License   Correction of the reaction of t		Street Address: 740 West New Circle Road	
Security Agreement Change of Name  Joint Research Agreement Government Interest Assignment Texecutive Order 9424, Confirmatory License Texecutive Order 9424, Confirmatory License Other Correction of the react of the reactive of the reacti	Execution Date(s) 4/04/2003 / 4-15-2003		
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Government Interest Assignment    3 981 0705     Executive Order 9424, Confirmatory License	Security Agreement Change of Name	City: Lexington	
Government Interest Assignment Executive Order 9424, Confirmatory License Other party on the recording of the record of the recording of the record of the r		State: KY	
Additional name(s) & address(es) attached? Yes Notes Additional name(s) & address(es) attached? Yes Additional name(s) & address(es) attached? Yes Notes Additional name(s) & ad	Government Interest Assignment	110 - 40550	
Additional name(s) & address(es) attached? Yes   4. Application or patent number(s):  A. Patent Application No.(s)  I O 4 1 4 8 5 4  Additional numbers attached? Yes No  5. Name and address to whom correspondence concerning document should be mailed:  Name: Lexmark International, Inc.  Internal Address: Building 004-1 IP Legal  Street Address: 740 West New Circle Road  City: Lexington  State: KY  Zip: 40550  Phone Number: 859-232-2000  Docket Number: 579-232-2000  Docket Number: 579-232-2000  Docket Number: 579-232-2000  Docket Number: 679-232-2000  Docket Number: 679-232-2000  Docket Number: 740 West New Circle Road  Deposit Account Number 12-1213  Authorized Will Address: Wwinters@lexmark.com	Executive Order 9424, Confirmatory License	Country: 05 Zip: 40000	
A. Patent Application No.(s)    10414854	Other party on the recordation cover sheet	Additional name(s) & address(es) attached? Yes No	
Additional numbers attached? Yes No  5. Name and address to whom correspondence concerning document should be mailed:  Name: Lexmark International, Inc.  Internal Address: Building 004-1 IP Legal  Street Address: 740 West New Circle Road  City: Lexington  State: KY Zip: 40550  Phone Number: 859-232-2000  Docket Number:  Email Address: Wwinters@lexmark.com  Additional numbers attached? Yes No  6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged to deposit account   Enclosed   None required (government interest not affecting title should be mailed:  8. Payment Information  Deposit Account Number 12-1213  Authorized Will	4. Application or patent number(s):	document serves as an Oath/Declaration (37 CFR 1.63).	
Additional numbers attached? Yes No  5. Name and address to whom correspondence concerning document should be mailed: Name: Lexmark International, Inc. Internal Address: Building 004-1 IP Legal  Street Address: 740 West New Circle Road  City: Lexington State: KY Zip: 40550  Phone Number: 859-232-2000  Docket Number: 859-232-2000  Docket Number: Brail Address: Wwinters@lexmark.com  Additional numbers attached? Yes No  6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00  Authorized to be charged to deposit account Enclosed None required (government interest not affecting titles)  8. Payment Information  Deposit Account Number 12-1213  Authorized Walk Main Main Main Pezdelo	A. Patent Application No.(s)	B. Patent No.(s)	
Additional numbers attached? Yes No  5. Name and address to whom correspondence concerning document should be mailed:  Name: Lexmark International, Inc.  Internal Address: Building 004-1 IP Legal  Street Address: 740 West New Circle Road  City: Lexington  State: KY Zip: 40550  Phone Number: 859-232-2000  Docket Number: 859-232-2000  Docket Number: Deposit Account Number 12-1213  Authorized to be charged to deposit account Send Internation  8. Payment Information  Deposit Account Number 12-1213  Authorized Warnania Magnetic Magne		7.5.55	
S. Name and address to whom correspondence concerning document should be mailed:   Name: Lexmark International, Inc.     Internal Address: Building 004-1 IP Legal     Street Address: 740 West New Circle Road     City: Lexington     State: KY   Zip: 40550     Phone Number: 859-232-2000     Docket Number:     Email Address: Wwinters@lexmark.com     Additional numbers attached?	10414854	1551323	
5. Name and address to whom correspondence concerning document should be mailed:  Name: Lexmark International, Inc.  Internal Address: Building 004-1 IP Legal  Street Address: 740 West New Circle Road  City: Lexington  State: KY Zip: 40550  Phone Number: 859-232-2000  Docket Number: 559-232-2000  Docket Number: 65. Total number of applications and patents involved: 1  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged to deposit account Enclosed  None required (government interest not affecting title states)    8. Payment Information  Deposit Account Number 12-1213  Authorized 1/34/2Nark 1/40 Min Main 1/4 2016 1/4	,		
Internal Address: Building 004-1 IP Legal   Involved: 1   Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00			
Name: Lexmark International, Inc.  Internal Address: Building 004-1 IP Legal  Street Address: 740 West New Circle Road  City: Lexington  State: KY Zip: 40550  Phone Number: 859-232-2000  Docket Number: 859-232-2000  Docket Number: Wwinters@lexmark.com  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting tith  8. Payment Information  Deposit Account Number 12-1213  Authorized 1/34/1944 (1990) 1990 1990 1990 1990 1990 1990 1990			
Internal Address: Building 004-1 IP Legal  Street Address: 740 West New Circle Road  City: Lexington  State: KY Zip: 40550  Phone Number: 859-232-2000  Docket Number: Docket Number: 40550  Email Address: Wwinters@lexmark.com  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.30  Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting titlet)  8. Payment Information  Deposit Account Number 12-1213  Authorized 1/36/PName 12-1213	<del>-</del>		
Authorized to be charged to deposit account    Street Address: 740 West New Circle Road   Enclosed   None required (government interest not affecting title)   State: KY		7. Total fee (37 CFR 1.21(h) & 3.41) \$\frac{40.00}{}	
Street Address: 740 West New Circle Road  City: Lexington State: KY Zip: 40550  Phone Number: 859-232-2000  Docket Number: Docket Number: Wwinters@lexmark.com  Deposit Account Number 12-1213  Authorized Vision Market Number 22018	Internal Address: Building 004-1 IP Legal		
None required (government interest not affecting title		Authorized to be charged to deposit account	
City: Lexington  State: KY Zip: 40550  Phone Number: 859-232-2000  Docket Number: Docket Number: Authorized Will Address: Wwinters@lexmark.com  8. Payment Information  Deposit Account Number 12-1213  Authorized Will Address: Authorized Will Addre	Street Address: 740 West New Circle Road	Enclosed	
State: KY Zip: 40550  Phone Number: 859-232-2000  Docket Number: Deposit Account Number 12-1213  Email Address: wwinters@lexmark.com  Authorized V36/2Narks/Union 2000/17-2212/3		None required (government interest not affecting title)	
State: KY Zip: 40550  Phone Number: 859-232-2000  Docket Number: Deposit Account Number 12-1213  Email Address: wwinters@lexmark.com  Authorized V36/2Narks/Union 2000/17-2212/3	City: Lexington	8. Payment Information	
Docket Number: Authorized Wat Plant Worth Worth States :	State: KY Zip: 40550	·	
Docket Number: Authorized Visit Number 12 12 15 15 15 15 15 15 15 15 15 15 15 15 15			
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	The state of the s	· · ·	
9. Signature: /John Victor Pezdek/ 2014-04-25			
Signature Date	-		
John Victor Pezdek  Total number of pages including cover sheet, attachments, and documents:			
Name of Person Signing  Sheet, attachments, and documents:  Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:		· · · · · · · · · · · · · · · · · · ·	

PATENT REEL: 032854 FRAME: 0668

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(Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) 10242	U.S. Patent and Trademark
Tab settings ⇒ ⇒ ▼ ▼ ▼	9004 • <b>V V V V</b>
To the Honorable Commissioner of Patents and Trademarks	: Please record the attached original documents or copy thereof.
Name of conveying party(ies):	2. Name and address of receiving party(ies)
James Ray Bailey Curt Paul Breswick 4-16-03	Name: John Pezdek
Curt Paul Breswick David Allen Crutchfield	Internal Address: Lexmark International, Inc.
	Intellectual Property Law
Additional name(s) of conveying party(ies) attached? 🗓 Yes 📑 No	- Intercectual Property Baw
3. Nature of conveyance:	
Assignment	Street Address: 740 West New Circle Rd.
☐ Security Agreement ☐ Change of Name	
☐l Other	
	City: Lexington State: KY Zip: 40
Execution Date:	Additional name(s) & address(es) attached?
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involve
Name: John Pezdek	7. Total fee (37 CFR 3.41)\$40.00
	Enclosed
Internal Address: Lexmark International, Inc.	Authorized to be charged to deposit accour
Intellectual Property Law	Total
·	8. Deposit account number:
Street Address 740 West New Circle Rd.	
	12-1213
City: Lexington State: KY Zip: 40550	(Attach duplicate copy of this page if paying by deposit acc
DO NOT USI	E THIS SPACE
9. Statement and signature.	
To the heat of my lineulades and heliaf the foregoing	information is true and correct and any attached cop
is a true copy of the original document.	
	hu feedet 16 April 20
is a true copy of the original document.	Signature Date  er speet attachments and documents: 5

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PATENTS ONLY (Form PTO-1595)		
Name of conveying party(ies):	1	
Ronald Edward Garnett	Bob Thai Pham	
James Alan Ward		
	·	
Additional name(s) of conveying party(ies) attached?	Yes X No	
2. Name and address of receiving party(ies)		
Name:		
Internal Address:		
Street Address:		
City: State:	ZIP	
Name and address of receiving party(ies)		
Name: Internal Address:	•	
Street Address:		
City: State:		
Additional name(s) & address(es) attached?	Yes X No	
4. Application number(s) or patent number(s):		
	cation, the execution date of the application is:	
A. Patent Application No.(s)	B. Patent No.(s)	
	,	
##Q#Q#Q###############################		
Additional numbers attached?	Yes No	

ATTACHMENT FOR RECORDATION FORM COVER SHEET

PATENT REEL: 032854 FRAME: 0670

## ASSIGNMENT OF INVENTION

For good and valuable consideration, the receipt of which is hereby acknowledged,

## **ASSIGNOR:**

James R. Bailey 126 Woodfield Circle Shelbyville, KY 40065

Curt Paul Breswick 102 Redwing Ct. Georgetown, KY 40324

David Allen Crutchfield 2017 Baltusrol Ln. Lexington, KY 40509

Ronald Edward Garnett 865 Edgewood Dr. Lexington, KY 40515

Bob Thai Pham 1017 Ashbrook Dr. Richmond, KY 40475

James Alan Ward 6392 Ky 419 May's Lick, KY 41055

hereby sell, assign and transfer to

## **ASSIGNEE:**

Lexmark International, Inc. 740 West New Circle Road Lexington, KY 40550

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to the invention entitled:

## **Systems and Methods for Error Diffusion**

which is disclosed in a U.S. patent application executed on even date herewith and any legal equivalent thereof in a foreign country, and in and to all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, extension, or other substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I have hereunto set hand and seal as of the date listed below.

On Dag	04/15/03	
Signature of James Ray Bailey	Date	
Curt Paul Brasurch	15 April 03	
Signature of Curt Paul Breswick	Date	
allen Cutiffel	4-15-2003	
Signature of David Allen Crutchfield	Date	
Panall Edward Damet	4-15-2003	
Signature of Ronald Edward Garnett	Date	
Bob. I hai Tham	04 April 03 Date	
Signature of Bob Thai Pham		
James Alan Ward	April 15, 2003	
Signature of James Alan Ward	, ,	
	Date	
NOTARIZATION		
Details of Country USA		
and place of signing of assignment Lexin	gton, Kentucky	
	•	
Before me this day of And named individual, to me known to be the person who is assignment instrument and acknowledged to me that he purpose therein expressed.	described in, and who executed the foregoing	
	y Public 1/22/2006	
Notar	y Public	
	1/22/2006	
Com	mission Expires	

PATENT REELS 032854 FRAME 20672

RECORDED: 04/30/2014