2001-0287 U.S. Department of Commerce FORM PTO-1619A Expires 06/30/99 Patent and Trademark Office PATENT OMB 0651-0027 09-30-2003 ET 102545230 riginal document(s) or copy(les). TO: The Commissioner of Patents and Trademark Conveyance Type Submission Type X Assignment Security Agreement хI New Resubmission (Non-Recordation) License Change of Name Document ID# Correction of PTO Error Other Merger U.S. Government (For Use ONLY by U.S. Government Age Frame # Reel # Corrective Document Departmental File Secret File Frame # Reel # Mark if additional names of conveying parties attached Execution Deta Month, Day Ye Conveying Party(les) 07 03 01 Name (line 1) CHRISTOPHER ALAN ADKINS Name (line 2) **Execution Date** Second Party LUCAS DAVID BARKLEY Name (line 1) Name (line 2) Mark if additional names of receiving parties attached Receiving Party If document to be recorded Is an assignment and the Name (line 1) LEXMARK INTERNATIONAL, INC. receiving party is not domiciled in the United Name (line 2) States, an appointment of a domestic representative is attached. 740 WEST NEW CIRCLE ROAD Address (line 1) (Designation must be a separate document from Assignment) Address (line 2) 40550 KENTUCKY Address (line 3) LEXINGTON Domestic Representative Name and Address Enter for the first Receiving Party only. Name Address (line 1) Address (line 2) Address (line 3) Address (line 4) FOR OFFICE USE ONLY ECOOPER 00000157 121213 09898356 09/29/2003 40.00 DA 01 FC:8021 Public burden reporting for this collection of information is estimated to average approximately 36 minutes per Cover Sheet to be reported, including time for reviewing the decument and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief information Officer, Washington, D.C. 2021 and to the Office of Information and Regulatory Affairs, Office of Management and Sudget, Paperwork Radestion Project (869-987), Washington, D.C. 2003. See OMS Information Collection Budget Package 9651-9027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS. Mail documents to be recorded with required cover sheet(s) information to: Commissioner of Patents and Trademarks, Box Assignments , Washington, D.C. 20231

EXPRESS MAIL NO. EK195232288US

PATENT

REEL: 014011 FRAME: 0950

FORM PTO- Fyrina 08/20/99 OMB 0681-0027	1619C RECOR	RDATION FORM COVER SHEET CONTINUATION PATENTS ONLY	U.S. Department of Commerce Patent and Trademark Office PATENT
Conveying P Enter additional	arty(ies) Conveying Parties	Mark if additional names of conveying par	ties attached Execution Date Month Day Year
Name (line 1)	MICHAEL ANTHONY MARRA,	III	07/03/01
Name (line 2)			Execution Date
Name (ilne 1)			Month Day Year
Name (line 2)			Execution Data
Name (line 1)			Month Day Year
Name (line 2)			
Receiving Pa	rty(les)	Mark if additional names of s	eceiving parties attached
	Receiving Party(les)		
Name (line 1)			If document to be recorded is an assignment and the receiving party is not
Name (line 2)			domiciled in the United States, an appointment
Address (line 1)		The state of the s	of a domestic representative is attached. (Designation
Address (line 2)			must be a separate document from Assignment.)
ACCIONS (line 2)			
Address (line 3)	City	State/Country	Zip Code
Name (line 1)			is an assignment and the receiving party is not
Name (line 2)			domiciled in the United States, an appointment of a
Address (line 1)			domestic representative is attached. (Designation must
Address (line 2)			be a separate document from Assignment)
Address (line 3)	Clty	State/Country	Zip Code
	umber(s) or Patent Nu	L I	
	tent Application Number or the tent Application Number (a	he Patent Number (DO NOT ENTER BOTH number	etent Number(s)
	rests Application Mannests	, ,	

PATENT

REEL: 014011 FRAME: 0951

FORM PTO Expires 00/30/99 OMB 0651-0027	~1619B	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT		
Corresponde	ent Name and Address	Area Code and Telephone Number	(859) 232- <u>7843</u>		
Name	JACQUELINE M. DASPIT				
Address (line 1)	LEXMARK INTERNATIONAL, INC				
Address (fine 2)	INTELLECTUAL PROPERTY LAW				
Address (fine 3)	740 WEST NEW CIRCLE ROAD				
Address (tine 4)	LEXINGTON, KY 40550				
Pages	Enter the total number of pagincluding any attachments.	es of the attached conveyance docum	nent # 2		
	Number(s) or Patent Numi	· · · L	idditional numbers attached		
		ent Number (DO NOT ENTER BOTH numbers			
Pate	ent Application Number(s)	Patent	Number(s)		
09/898,356					
	7				
If this document is	helps filed together with a new Patent	Application, enter the date the patent application	on was Month Day Year		
	named executing inventor.	, , , , , , , , , , , , , , , , , , , ,	07 03/01		
Patent Coope	eration Treaty (PCT)				
Enter	PCT application number	PCT PCT	PCT		
	(# 11 m A (\$ 41 A)		PCT		
	ot been assigned.	PCT PCT	PCI		
Number of Properties  Enter the total number of properties involved. # 1					
Fee Amount	Fee Amount fo	r Properties Listed (37 CFR 3.41): \$	40.00		
Method of Payment: Enclosed Deposit Account X					
Deposit /		mal fees can be charged to the account.)			
(Enter for p		posit Account Number:	12-1213		
		thorization to charge additional fees:			
04.4		(IIII) ZABOH 10 Charge Badistona, 1405.	Yes X No		
Statement an	id Signature				
To the b	est of my knowledge and belie	of, the foregoing information is true a	nd correct and any		
attached copy is a true copy of the original document. Charges to deposit account are authorized, as					
	d herein.	- •	1		
		100000001			
JACQUELINE M	. DASPIT 36,779	Jacan YVI Start			
	of Person Signing	()Signature	Date		
,46,110					

REEL: 014011 FRAME: 0952

Docket No. 2001-0287

## ASSIGNMENT OF INVENTION

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

**ASSIGNORS:** 

Christopher Alan Adkins 216 Pindell Court Lexington, KY 40515

Lucas David Barkley 4800 Clifford Circle Lexington, KY 40515

Michael Anthony Marra, III 1167 Rockbridge Road Lexington, KY 40515

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:

## Sysem and Method Analyzing Encoder Output Signals

which is disclosed in and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, extension, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

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

ASSIGNORS further covenant 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 ASSIGNORS 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.

Express Mail No. EK195232288US	Page 1	

PATENT REEL: 014011 FRAME: 0953 IN WITNESS WHEREOF, We have hereunto set hand and seal as of the date(s) listed below.

Musloyden Then Dollan	7/3/01
Signature of Christopher Alan Adkins	Date
Signature of Lucas David Barkley	7/3/200/ Date
Signature of Michael Anthony Marra, III	7/3/2001 Date

## NOTARIZATION

Details of Country

USA

and place of signing of assignment

Lexington, KY

Before me on the date(s) indicated above, personally appeared the above named individuals, to me known to be the persons who are described in, and who executed the foregoing assignment instrument and acknowledged to me that they executed the same of their own free will for the purpose therein expressed.

Notary Public

My Commission Expires on the 2<sup>nd</sup> day of March, 2005.

Page 2

Express Mail No. EK195232288US

RECORDED: 07/03/2001

PATENT REEL: 014011 FRAME: 0954