Docket No.: 87552.97R388/SE1316AP

FORM PTO-1595 (Modified) (Rev. 6-93)	06-12-19	998 EET	U.S. DEI	PARTMENT OF COMMERCE
OMB No. 0651-0011 (exp. 4/94) Copyright 1996-97 LegalStar P08A/REV02				Patent and Trademark Office
Tab settings → → ▼ To the Honorable Commissioner of Patents	1007378	07	toohod sales at t	V V
1. Name of conveying party(ies):	s and i rademarks:		tached original docu ess of receiving part	
Robert A. Williams		Calastia	. I-o (=> == ==	
798 Trail Ridge Drive Louisville, CO 80027 MED 6-/-98		Name: Celestica, Inc.		
USA		Address: 844 D	on Mills Road	
Additional names(s) of conveying party(ies) attached?	Yes 🗶 No			N 1
3. Nature of conveyance:				
■ Assignment	rger			
☐ Security Agreement ☐ Cha	ange of Name	City: North Yor	<u> </u>	tate/Prov.: Ontario
Other		Country: CANA	DA Z	IP: M3C 1V7
Execution Date: April 7, 1998		Additional name(s) & a	ddress(es) attached?	□ Yes 🗷 No
Application number(s) or registration number	pers(s):		10000	
If this document is being filed together with	•	the execution date	of the application is	•
				•
Patent Application No. Filing date		B. Patent	NO.(S)	
09/014,844 January 28,	, 1998			
5. Name and address of party to whom correconcerning document should be mailed:		ached? Yes	applications and pa	tents involved: 1
Name: Thomas R. FitzGerald, Esq.		7. Total foo (27.CED 2.41):		
		7. Total fee (37 CFR 3.41):\$ 40.00		
		☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account		
Address: JAECKLE FLEISCHMANN & MUGEL, LLP		credited of debited to deposit account		
39 State Street		Authorized to be charged to deposit account		
City: Rochester State/Prov.: NY		8. Deposit account number:		
		10-0223		
Country: USA ZIP: 1	4614			
DO NOT USE THIS SPACE				
01 FC:581 40.00 CH				
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.				
Thomas R. FitzGerald Thomas R. FitzGerald Many 29/998				
Name of Person Signing Signature Date				
Total num	ber of pages including co	over sheet, attachments, a		196/
		NCEL: 92.	25 FRAME: U	/ ノ ひサ

ASSIGNMENT

In consideration of the sum of one dollar and other good and valuable consideration, the receipt and sufficiency of which is acknowledged, the undersigned, whose name and full post address are set out below:

Name of Inventor Address

Robert A. Williams 798 Trail Ridge Drive Louisville, Colorado

U.S.A. 80027

confirm that I have sold, assigned and transferred, and do hereby sell, assign and transfer to Celestica, Inc., hereinafter called the assignee, whose full post office address is 844 Don Mills Road, North York, Ontario M3C 1V7 CANADA, and to the assignee's successors. assigns or other legal representatives, my right to apply for and obtain Letters Patent of the United States of America, Canada, and all other countries for the invention relating to BRUSHLESS DC MOTOR PWM SCHEME FOR QUIET COMMUTATION, as fully set forth and described in the specification filed in the United States Patent Office on January 28, 1998, together with my entire right, title, property. benefit and interest in the United States of America. Canada and all other countries for and to the invention and the aforementioned application and any Letters Patent which may issue for the invention in any country, including all continuations, divisions, continuations-inpart, re-examinations, extensions or reissues and any rights of priority resulting from the filing of the above-identified application.

And I hereby authorize any official whose duty it is to grant patents, to grant any Letters Patent for the invention to the assignee, its successors, assigns or other legal representatives.

PATENT REEL: 9225 FRAME: 0965 And I hereby covenant and agree to do all such things and to execute without further consideration such further assurances, applications and other instruments as may reasonably be required by the assignee to obtain Letters Patent of the United States or of any other country for the invention and vest the same in the assignee.

Signed, sealed and delivered at BOULDER, COLORADO, this 7th day of APRIL, 1998.

ROBERT A. WILLIAMS

Robert a. William

STATEMENT OF WITNESS

I, Jellie M Eigner, whose full post office address is High Quail Greek lane, Boulder, (O), state that I was personally present and did see ROBERT A. WILLIAMS, who is personally known to me to be the person named in the above assignment, duly sign and execute the same on the date set forth above.

(Signature of Witness)

John M Gign

20453990.1