Form PTO-1595 (Rev. 06/04)



U.S. DEPARTMENT OF COMMERCE

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Execution Dates: October 31, 2003	Street Address:			
Additional name(s) of conveying party(ies) attached? Yes X No				
, , , , , , , , , , , , , , , , , , , ,	Rue Fritz-Courvoisier 40			
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5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:			
Name: Joe McKinney Muncy BIRCH, STEWART, KOLASCH & BIRCH, LLP Internal Address: Atty. Dkt.: 1928-0157PUS1 Street Address: 8110 Gatehouse Rd Suite 100 East P.O. Box 747	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged to credit card  Authorized to be charged to deposit account  X Enclosed  None required (government interest not affecting title)			
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9. Signature. Signature	マルスト August 26, 2004			
Joe McKinney Muncy - 32,334	Total number of pages including cover 3			
Name of Person Signing	sheet, attachments, and documents:			

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ATTORNEY DOCKET NO.
1928-0157PUS1

## **ASSIGNMENT**

	Application No. <u>NEW</u>	Filed August 26, 2004
Insert Name(s) of Inventor(s)	→ WHEREAS, Joachim FRIEBE	
or inventor(s)		
		4
	(hereinafter designated as the undersigned) has (have) invento	ed certain new and useful improvements in
Insert Title of Invention	→ A Carbon Segment Commutator	- -
	for which an application for Letters Patent of the United States	s of America has been executed by the undersigned
nsert Date		
of Signing of Application	→ on 31 October 2003	; and
nsert Name	Tahman Plastnia C 2	, and
f Assignee	WHEREAS, Johnson Electric S.A.	
	•	
nsert Address f Assignee	of Rue Fritz-Courvoisier 40	
· ·	CH-2300 La Chaux-de-Fonds, Switze	rland
	its heirs, successors, legal representatives and assigns (herei	nafter designated as the Assignee) is desirous of
HECK BOX APPROPRIATE	acquiring the entire right, title and interest in and to said in may be granted therefor in the United States of America and   in any and all foreign countries.	ivention and in and to any Letters Patent(s) that d
	NOW, THEREFORE, in consideration of the sum of T paid, the receipt of which is hereby acknowledged, and other g has (have) sold, assigned and transferred, and by these practices are full and exclusive right to the said invention dependencies and possessions and the entire right, title and which may be granted therefor in the United States of Americand if the box above is designated, in any and all foreign co	good and valuable consideration, the undersigned resents does sell, assign and transfer unto said in the United States of America, its territories, I interest in and to any and all Letters Patent(s) ca, its territories, dependencies and possessions,

and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for

which the same may be granted.

PATENT REEL: 015717 FRAME: 0614

Attorney Docket No.1928-0157PUS1

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 31-00+-2003,	Name of Inventor Joaching Friele	
	Joachim Friebe	(signature)
Date,	Name of Inventor	-
		(signature)
Date,	Name of Inventor	
		(signature)
Date,	Name of Inventor	
		(signature)
Date,	Name of Inventor	
		(signature)
Date,	Name of Inventor	
		(signature)

PATENT REEL: 015717 FRAME: 0615

**RECORDED: 08/26/2004**