

To the Director of the U.S. Patent and Tra

Additional name(s) of conveying party(ies) attached? ☐ Yes ✓ N

Executive Order 9424, Confirmatory License

5. Name and address to whom correspondence

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Daniel J. Schlue

Change of Name

3. Nature of conveyance/Execution Date(s):

1. Name of conveying party(ies)

Execution Date(s) August 26, 2002

Joint Research Agreement

Government Interest Assignment

4. Application or patent number(s):

Security Agreement

A. Patent Application No.(s)

Name: Roger D. Emerson

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Eric Sean Castner

✓ Assignment

10/827,747

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City: Akron

State: OH

9. Signature:

04-12-2007



J.S.	DEPAR	RTMEN	ΓOF	COMM	ERC	Ε
ited	States	Patent	and I	Fradem	ark C)ffi

103	394134	nents or the new address(es) below.				
	2. Name and address of receiving party(ies)					
	Name: The Goodyear Tire & Rubber Company					
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nched? Yes ✓ No	Street Address: 1144 East Market Street					
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ory License						
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respondence nailed:	6. Total number o involved:_1	f applications and _l	patents			
	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00					
	Authorized to be charged by credit card					
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	Enclosed					
	None required	(government interest				
	8. Payment Infor		1082			
4311	a. Credit Card	Last 4 Numbers Expiration Date	071725			
	b. Deposit Acc	ount Number 071725	- 8 æ			
	Authorized \	Jser Name <u>Roger D. E</u>	merson 0			
11 950	,	4/5/07				

Name of Person Signing Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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Total number of pages including cover

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		**	Docket N	o.: <u>DN2002123</u>		
			Serial No	.:		
			Filed:	·		
		ASSIGNN	IENT			
certain in application United St	mprovements in EMUL on executed the	SION PARTICLES AS I	, 2002, by terest in and to said applications.	685, respectively, have invented RS, and described in a patent he undersigned for filing in The ation and in and to any invention the herein assigned; and		
State of	Ohio (assignee) is desiro	OYEAR TIRE & RUBBER us of acquiring the entire rand all patents to be obtained.	ight, title and interest in	Ohio 44316, a corporation of the and to said application and said er set forth:		
undersign and inter- thereof, a including right, title country t which ma and requ	ned do hereby sell, assign, rest in and to said invention and in and to the aforesaid the right to file said for e and interest in and to an appon said invention or invalue to the filed upon said invention said invention said invention or invalue to the filed upon said invention or inv	transfer and set over unto sa on or inventions, as described application; and in and to eign applications under the many and all patents or reissues tentions and any divisional, ention or inventions in this or	id assignee, its successors d in the aforesaid applicate any application filed in an provisions of the Internation or extensions thereof to be continuation, continuation- any foreign country; and	eceived by the undersigned, the and assigns, the entire right, title ion, in any form or embodiment y foreign country based thereon, onal Convention; also the entire se obtained in this or any foreign in-part or substitute applications the undersigned hereby authorize plications to said assignee or its		
and other lawful pa which the	r patent applications in th	is or any foreign country re her lawful acts without furth ssary or desirable to make th	ating to said application of consideration, but without	improvement, extension, reissue or invention and to sign all other ut expense to myself (ourselves), ive including by way of example,		
,	Prompt execution of all lawful oaths, affidavits and/or supplemental oaths required or deemed advisable by the assignee to further the prosecution of any application or applications for letters patent relating to the subject matter of this Assignment;					
• /	To cooperate to the best of our ability in the execution of all lawful documents, the production of evidence, and the giving of testimony in interference, opposition, nullification or infringement proceedings involving the said invention or improvement, applications or patents or any of them.					
the above	e-identified application wl	ien known.		e serial number and filing date of		
ignature	<i>(</i> /			seals on the dates set after their Aug , $2E$, 2002		
WIZNE	Ymerse (L.S.) ESS	Eric Sean Castner	(May May			
State of	Ohio)) SS:	. N	R D. EMERSON, Attorney-At-Law lotary Public - State of Ohio mmission has no expiration date Sec: 147.00 fl.C.		
County	of Summit	a August	, 2002, before me perso	nally appeared Eric Sean Castner assignment, and acknowledge the		

to me personally known, and known to me to be the person who signed signing of same as his free act and deed.

PATENT **REEL: 019157 FRAME: 0418**

RECORDED: 04/09/2007