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| FORM PTO-1595 (Rev 10/02) | U.S DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office | | | | |
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| PATENTS ONLY | | | | | |
| To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. | | | | | |
| 1. Name of conveying party(ies): Adel Farhan Halasa, Wen-Liang Hsu and Naoya Ogata | 2. Name and address of receiving party(ies): | | | | |
| Additional name(s) of conveying party(ies) attached? yes no | Name: The Goodyear Tire & Rubber Company Internal Address: Department 823 | | | | |
| | Street Address: 1144 East Market Street | | | | |
| | City: Akron State: OH Zip: 44316 | | | | |
| | Additional name(s) & address(es) attached? yes no | | | | |
| 3. Nature of Conveyance: Assignment | | | | | |
| Application number(s) or patent number(s): If this document is being filed together with a new application. | ion the execution date of the ambigation is: | | | | |
| A. Patent Application No.(s) 10/370,969 | B. Patent No.(s) | | | | |
| Additional numbers attached? ☐ yes ☒ no | | | | | |
| Name and address of party to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: 1 | | | | |
| Name: The Goodyear Tire & Rubber Company Internal Address: Dept 823 – Docket #: DN2002-124 | 7. Total fee (37 CFR 3.41) \$ 40.00 □ Enclosed X Authorized to be charged to deposit account | | | | |
| Street Address: 1144 East Market Street | 8. Deposit Account Number: 07-1725 | | | | |
| City: Akron State: OH Zip: 44316-0001 | (Attach duplicate copy of this page if paying by deposit account) | | | | |
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| 9. Statement and signature. | tion is true and correct and any attached copy is a true copy of Date | | | | |
| Total number of pages including cover sheet, attachments, and document: 3 | | | | | |
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Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

PATENT REEL: 014458 FRAME: 0151

700074020

Docket No. <u>DN2002124</u>
Serial No. <u>10/370, 969</u>
Filed <u>February 20, 2003</u>

ASSIGNMENT

WHEREAS, WE, Adel Farhan Halasa, Wen-Liang Hsu and Naoya Ogata, of 5040 Everett Road, Bath Ohio, 44333, U.S.A., 2034 Bent Creek Trail, Cuyahoga Falls, Ohio, 44223, U.S.A., and 6-29-6 Asagaya-kita, Suginami-ku, Tokyo, Japan 166, respectively, have invented certain improvements in FUNTIONALIZED MONOMERS FOR SYNTHESIS OF RUBBER POLYMERS, and described in a patent application executed on February 4, 2003 and 100 Juliany 13 , 2003 by the undersigned for filing in The United States of America, being owner(s) of all right, title and interest in and to said application and in and to any invention described therein and having full right to convey the entire interest both legal and equitable herein assigned; and

WHEREAS, THE GOODYEAR TIRE & RUBBER COMPANY, of Akron, Ohio 44316, a corporation of the State of Ohio (assignee) is desirous of acquiring the entire right, title and interest in and to said application and said invention described therein and any and all patents to be obtained therefor, all as hereinafter set forth:

NOW, THEREFORE, in consideration of good and valuable consideration received by the undersigned, the undersigned does (do) hereby sell, assign, transfer and set over unto said assignee, its successors and assigns, the entire right, title and interest in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application; and in and to any application filed in any foreign country based thereon, including the right to file said foreign applications under the provisions of the International Convention; also the entire right, title and interest in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon said invention or inventions in this or any foreign country; and the undersigned hereby authorize(s) and request(s) the issuing authority to issue any and all patents on said application or applications to said assignee or its successors and assigns.

The undersigned further agree(s) to execute all divisional, continuing, substitute, improvement, extension, reissue and other patent applications in this or any foreign country relating to said application or invention and to sign all other lawful papers and to perform all other lawful acts without further consideration, but without expense to myself (ourselves), which the assignee may deem necessary or desirable to make this Assignment fully effective including by way of example, but not of limitation, the following acts:

- (1) 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;
- (2) To cooperate to the best of my (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 undersigned hereby authorize(s) said assignee to insert in this Assignment the serial number and filing date of the above-identified application when known.

IN WITNESS WHEREOF, the undersigned has (have) hereunto set his (their) hand(s) and seal(s) on the date(s) set after his (their) signature(s).

WITNESS
WITNESS

(L.S.)

Wen-Liang Hsu

(L.S.)

Wen-Liang Hsu

Wen-Liang Hsu

Naoya Ogata

Naoya Ogata

Page 1 of 2

| | Durland Director |
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| | Docket No. <u>DN2002124</u> |
| State of Ohio | |
| County of Summit) SS: | |
| On this 4th day of February 2003 | , before me personally appeared Adel |
| Farhan Halasa to me personally known, and known to me to be the person(s) w | ho signed the foregoing assignment, and |
| acker (all to the signing of same as his (their) free act and deed. MARY A. NICOLOFF Notary Public, State of Ohio | colod) D |
| My Commission Expires 11-24-07 Notary | Public |
| | |
| State of <u>Ohio</u>) SS: | |
| County of Surremit) | |
| On this Jih day of FEDRALY . 2003 | , before me personally appeared Wen- |
| Liang Hsu to me personally known, and known to me to be the person(s) whacknowledge the signing of same as his (their) free act and deed. | no signed the foregoing assignment, and |
| Mastay | hicological |
| Notation of | n/3 7 7 1 |

330-796-1581

MARY A. NICOLOFF Notary Public, State of Ohio My Commission Expires 11-24-07

RECORDED: 03/24/2004

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Page 2 of 2

PATENT REEL: 014458 FRAME: 0153