



NASA TECHNOLOGY TRANSFER PROGRAM

Glenn Research Center

Aircraft Engine Icing Event Avoidance and Mitigation Reduces Icing risk without sacrificing specific fuel consumption Icomology Ioc case Tools Institute In

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Şun	day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
,				New Year's Day			
				1	2	3	4
				FILE YOUR NTR			
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
		Martin Luther King Jr. Day					
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Terahertz Quantum Cascade Laser Source Significantly increases available frequency channels for imaging, sensing, and spectroscopy **Technology of Change o

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X	16	Presidents' Day	18	19	20	21	22
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invention.nasa.gov

*Inventor not pictured

Annular Ion Engine Enables high thrust density for electric propulsion systems Michael Patterson Inventor: technology.grc.nasa.gov/patent/lew-tops-74 Aerospace Commercial space Propulsion Satellites MARCH Sunday Monday Tuesday Wednesday Friday Thursday Saturday 4 FILE 14 10

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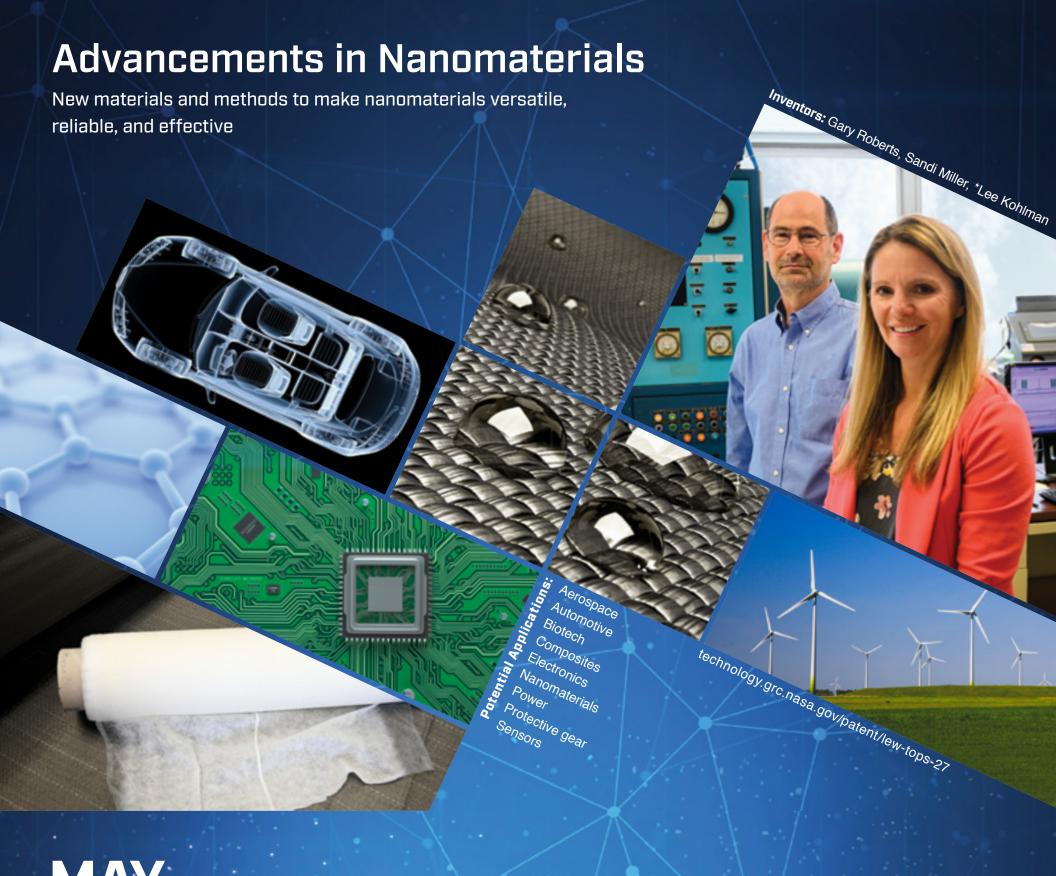
Functionalization of Single-Wall Carbon Nanotubes

A new technique for carbon nanotube oxidation



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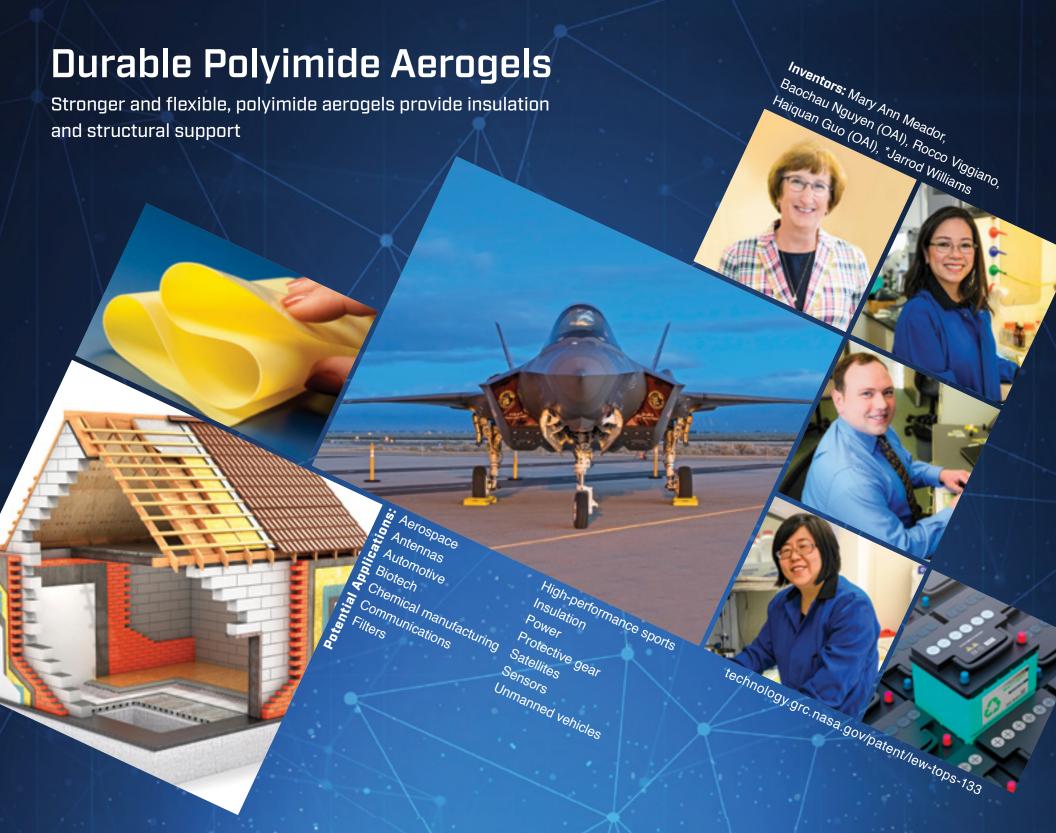
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	10	11	12	FILE YOUR NTR	14	15	16
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2		Memorial Day					
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Saturday



C	JULY						
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						Independence Day Observed	Independence Day
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	5	6	7	FILE YOUR NTR	9	10	11
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SEPTEMBER

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
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6	Labor Day	8	FILE YOUR NTR	10	11	12
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20	21	22	23	24	25	26
27	28	29	30			



OCTOBER

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
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	Columbus Day	40	FILE YOUR NTR			
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Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
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7/1 / 201/			Veterans Day			
8	9	10	11	12	13	14
15	16	17	FILE YOUR NTR	19	20	21
22	23	24	25	Thanksgiving 26	27	28
*Inventor not picture	30			XI I	<i>X</i> /• '.	invention need dov



DECEMBER

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
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13	14	15	16	17	18	19
					Christmas	
7						
20	21	22	23	24	25	26
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27	28	29	30	31	<i>8/j</i> •	



New Technology Report (NTR)

A new technology is any invention, discovery, improvement, or innovation whether or not patentable—which includes, but is not limited to, new processes (or new applications of existing processes), machines, manufactures, and compositions of matter. New technologies also include new computer programs, and improvements to, or new applications of, existing computer programs.

Any solution to a technical problem or new way of doing things that is somehow better than before is reportable as an NTR. Any improvement—no matter how big or small—should be reported in an NTR.

We Are Here to Help You



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Bring your New Technology Down to Earth

It is our responsibility at NASA to help drive innovation. One of the most successful ways to do this is by transferring our technology into the marketplace.

We are here to help you get your technology recognized and used by millions. The first step is submitting your NTR.

How to submit your NTR

Submitting your NTR is easy. Just go to invention.nasa.gov to get started. The process takes under an hour. If you don't have time or need help, please email us at grc-techtransfer@mail.nasa.gov. Our Technology Managers oversee our portfolio of technologies and can assist you.

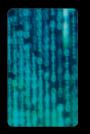
Benefits of filing NTRs

Reported technologies can potentially lead to patents, awards, financial compensation, and connections to further the science and R&D. Submitting an NTR will win you a partner in the Technology Transfer Office that will share your vision for moving the technology out beyond NASA.



We will connect you with the appropriate Technology Manager.

National Aeronautics and Space Administration NASA Glenn Research Center





















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