



Carrie Brandon

To: [Maier, Susan, CMO](#); [mike.kelly@jocogov.org](#)
Cc: [Becky Fast \(District 1\)](#); [Charlotte O'Hara \(District 3\)](#); [Janeé Hanzlick \(District 4\)](#); [Jeff Meyers \(District 2\)](#); [Michael Ashcraft \(District 5\)](#); **+4 others**



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Thu 6/22/2023 6:42 AM



CNANO-Technology-USA-Inc.-Application-for-Registration-of-Foreign-Covered-Entity-KS-Secretary-of-State-06555549WM.pdf
150 KB



shawn-v-montgomery-resume.pdf
140 KB

Good Morning Chairman Mike Kelly & Susan Maier Johnson County Manager's Office/Senior Management Analyst,

I still have not received an answer to my questions on this and it has been two weeks. What is the expected timeframe to receive answers? I have laid out the questions again below (also in the communication thread that I have included below).

Additional UPDATE, for all copied here:

I found [CNANO Technology USA's Application for Registration of Foreign Covered Entity](#) that was just recently filed on 5-19-2023. **Also attached.**

9. Full nature and character of business to be conducted in Kansas:

Research, development, manufacture and sale of conductive and structural support additives that contain, but not limited to, carbon nanotubes.

CNANO Technology USA lists *Delaware* as the State or foreign county of origin for the sake of anonymity.

They also use Incorporating Services, Ltd. 700 SW Jackson, Suite 100 Topeka, KS 66603 as their Resident Agent. Again, more anonymity.

The Application for Registration of Foreign Covered Entity is signed by a **Shawn Montgomery** with New Century Building A's address listed for the mailing address provided for official communications with the Secretary of State.

My research narrowed down and points to this [Shawn Montgomery](#) (<https://www.linkedin.com/in/shawnvmontgomery/>) as the individual who signed the [CNANO Technology USA's Application for Registration of Foreign Covered Entity](#) using the title President.

Additionally here is his resume (also attached): https://media.licdn.com/dms/document/media/C4D2DAQG7zQFuSAikTg/profile-treasury-document-pdf-analyzed/0/1647960732248?e=1687996800&v=beta&t=d4Sp9vSv_K3b04ELCRra8GQdohZAORaOfwQ1I960s

His email is listed as smontgomery73@charter.net

Susan if you, Chairman Mike Kelly or someone would please also confirm that this individual is indeed the correct Shawn Montgomery, acting as President for the **Foreign Covered Entity at Building A at New Century Air Commerce Center.**



Shawn Montgomery · 3rd



Cleveland State University

President, Stealth Startup US. Open to Advisory Board, Board of Directors and Engineering/Operations Consulting

Upton, Massachusetts, United States · [Contact info](#)

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About

Accomplished, innovative and unflappable leader that excels in dynamic demanding environments while remaining pragmatic with a results-oriented focus on company goals. Able to ensure aggressive progress to meet ambitious goals from diverse stakeholders while minimizing risk. More than 25 years of experience in domestic and international product/process development, scale up, manufacturing and general operations in the Chemical, Energy Storage, Filtration, HVAC and Recycling industries. High-tech startup, turn-around and mature company experience.

Specialties:

- Communication
- Business Planning
- Multinational Operations
- R&D and Engineering
- Global Sourcing
- Conflict Resolution
- Product Development/Rollout
- Cost Reduction and Control
- Contract Manufacturing
- Change Management
- Scale-up
- Continuous Improvement

The other questions I am still awaiting answers on...

- 1) Was there an official PUBLIC HEARING with notices published in the newspaper(s) and notices sent in advance to residents near [330,00 SF Building A](#) at the [New Century Air Commerce Center](#), that [Building A](#) as part of the Master Development Agreement with developer [VTRE Development, LLC](#) (an affiliate of [VanTrust Real Estate](#)) would be SOLD to [CNANO USA an entity of Multi-International China owned CNANO Technologies Ltd.](#)¹? If so, please confirm the date the notice was published and in what newspaper(s) about the PUBLIC HEARING and to whom letters of notification were sent to in close proximity to Building A.
- 2) Was the PUBLIC made aware of the fact that [CNANO Technologies manufactures/uses hazardous materials](#)² (carbon and graphene nanotubes)? If so, please confirm where we can find this public notice.
- 3) Did Johnson County Government devise a plan for regulating, managing, and monitoring carbon and graphene nanotube manufacturing/processing? If so, please confirm where the public can find this information.
- 4) Did Johnson County Government devise a plan for emergency response with regards to carbon and graphene nanotube spills/leaks contamination, and manufacturing/processing⁵ wastewater discharge management to safeguard public health, safety and the environment? If so, please confirm where the public can find this information.
- 5) Did Johnson County Government perform due diligence on behalf of public health, safety and environment? Did the County perform research and studies on carbon and graphene nanotubes hazards before voting to adopt this resolution that specifically spells out that Building A will be owned and occupied by CNANO USA a manufacturer/processor of hazardous materials (carbon and graphene nanotubes)?
- 6) Are other occupants/tenants and employees at New Century Air Center/Commerce Center aware that the new owner/occupant of Building A (CNANO USA) will be manufacturing/processing toxic carbon and graphene nanotubes? If so, please provide reference to the notices provided to occupants/tenants and employees of New Century Air Center/Commerce Center.

7) Are the military operations at New Century Air Center (U.S. Army Reserve's Bravo Company, 7th Battalion, 158th Aviation Regiment) fully aware that CNANO USA is an entity of [Chinese Multi-International Company JiangSu CNANO Technologies Ltd.](#)¹ and that CNANO Technologies' manufacturing processes in Building A, that they are purchasing from [VanTrust](#), will involve hazardous, toxic materials? If so, please provide confirmation and evidence that the U.S. Army Reserve is aware of the hazardous materials used in CNANO Technologies' manufacturing.

8) What is more important to Johnson County Government?

A) To prioritize the New Century Air Center/Commerce Center's financially sustainable by approving Resolution No. 027-23 without public hearings/discussion around the subtle mention of the Sale of Building A by VanTrust to **CNANO Technologies, who would be the Owner of Building A and who would introduce hazardous carbon and graphene nanotube materials manufacturing**, directly next to populated areas of Johnson County (i.e. in this case Gardner, KS and unincorporated townships) and alongside *co-tenants, U.S. Army Reserve's Bravo Company, 7th Battalion, 158th Aviation Regiment and employees of New Century Air Center.

OR

B) To protect the health, safety and welfare of the citizens of Johnson County (especially the city of Gardner, KS and surrounding unincorporated areas) from environmental hazards (in this case carbon and graphene nanotubes) by performing due diligence, educating the public and ensuring environmental, public health and safety measures are defined, deployed and enforceable.

9) Per your email Susan, **to clarify**, CNANO Technologies who will be purchasing and operating out of Building A in New Century Air Center/Commerce Center, **will NOT be manufacturing any carbon/graphene nanotubes on-site in Building A?** They will be **handling/processing carbon/graphene nanotubes** that have been manufactured elsewhere and are being transported into their CNANO Technologies manufacturing operations in Building A?

A) **Please confirm what "other facilities" are transporting the carbon/graphene nanotubes into CNANO Technologies in Building A. Who are these "other facilities" and where are they located?**

B) Also, what type of transport is being used to bring in the large quantities of carbon/graphene nanotubes to be used for the manufacturing of liquid conductive paste for the electric vehicle batteries?

C) I do understand and respect that there are protocols, regulations and building code enforcement in place to ensure the health and safety of the employees, surrounding businesses and other neighbors.

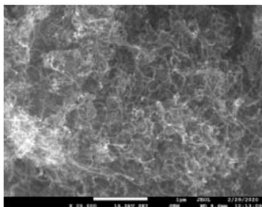
Where can the public find the specific EPA requirements and OSHA regulations as well as National Fire Protection Association and local fire protection requirements that Johnson County will require CNANO Technologies to adhere to **for the use of carbon and graphene nanotubes hazardous materials/chemical substances in their manufacturing processes?** Can you provide that information to me?

江苏天奈科技股份有限公司 - 江苏

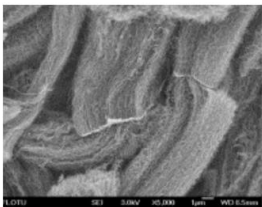
Not secure | cnanotechnology.com/en/h-col-103.html

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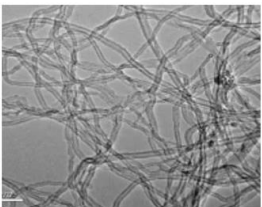
Carbon nanotubes powder



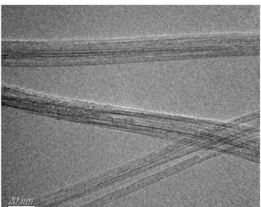
FT9000 series powder
CNT Average Diameter: 10-25nm
Purity: $\geq 95\%$, $\geq 98\%$, $\geq 99.9\%$
Length: 10um
Ash: $\leq 5\%$, $\leq 2\%$, $\leq 0.1\%$
Specific Surface Area (BET) : 110-250m²/g
Tap Density: 0.02-0.35g/cm³
Moisture Content: <1000 ppm



FT7000 series powder
CNT Average Diameter: 7-11nm
Purity: $\geq 90\%$, $\geq 98.5\%$, $\geq 99.9\%$
Length: 5-20um
Ash: $\leq 10\%$, $\leq 2\%$, $\leq 1.5\%$
Specific Surface Area (BET) : 200-300m²/g
Tap Density: 0.01-0.2g/cm³
Moisture Content: <1000 ppm



FT6000 series powder
CNT Average Diameter: 7-11nm
Purity: $\geq 95\%$, $\geq 98\%$, $\geq 99.9\%$
Length: 50-250um
Ash: $\leq 5\%$, $\leq 2\%$, $\leq 0.1\%$
Specific Surface Area (BET) : 250-350m²/g
Tap Density: 0.005-0.25g/cm³
Moisture Content: <1000 ppm



FT2000 series powder
CNT Average Diameter: 2-4nm
Purity: $\geq 80\%$
Length: $\geq 500\text{um}$
Ash: $\leq 15\%$
Specific Surface Area (BET) : $\geq 450\text{m}^2/\text{g}$
Tap Density: $\leq 0.005\text{g}/\text{cm}^3$
Moisture Content: <1000 ppm

Note 1: FT ×××-1 series are carbon tubes after crushing, which are easy to be inhaled into the body and have unknown safety risks to the body. Customers need to effectively protect according to their own conditions.

Carbon nanotubes and graphene conductive paste



LB120-50 NMP base conductive paste



LB122-50 NMP base conductive paste



LB117-44 NMP base conductive paste



LB107-44 NMP base conductive paste



LB116-32 NMP base conductive paste

⁵ https://royalsociety.org/~media/Royal_Society_Content/policy/publications/2004/9693.pdf

Figure 5.1 Some possible exposure routes for nanoparticles and nanotubes based on current and potential future applications. *Very little is known about exposure routes for nanoparticles and nanotubes and this figure should be considered with this in mind* (Adapted from National Institute for Resources and Environment, Japan http://www.nire.go.jp/eco_tec_e/hyouka_e.htm).

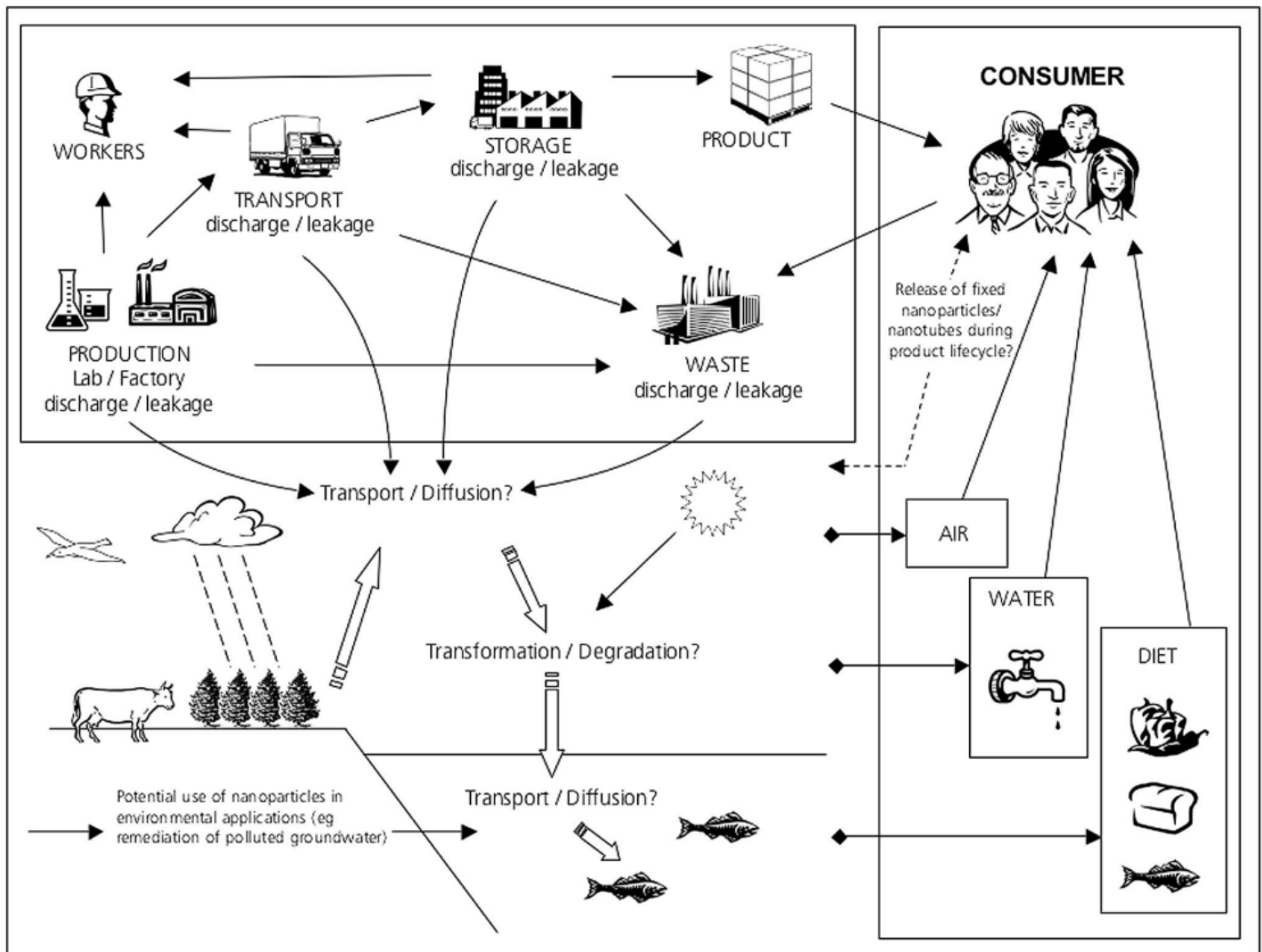
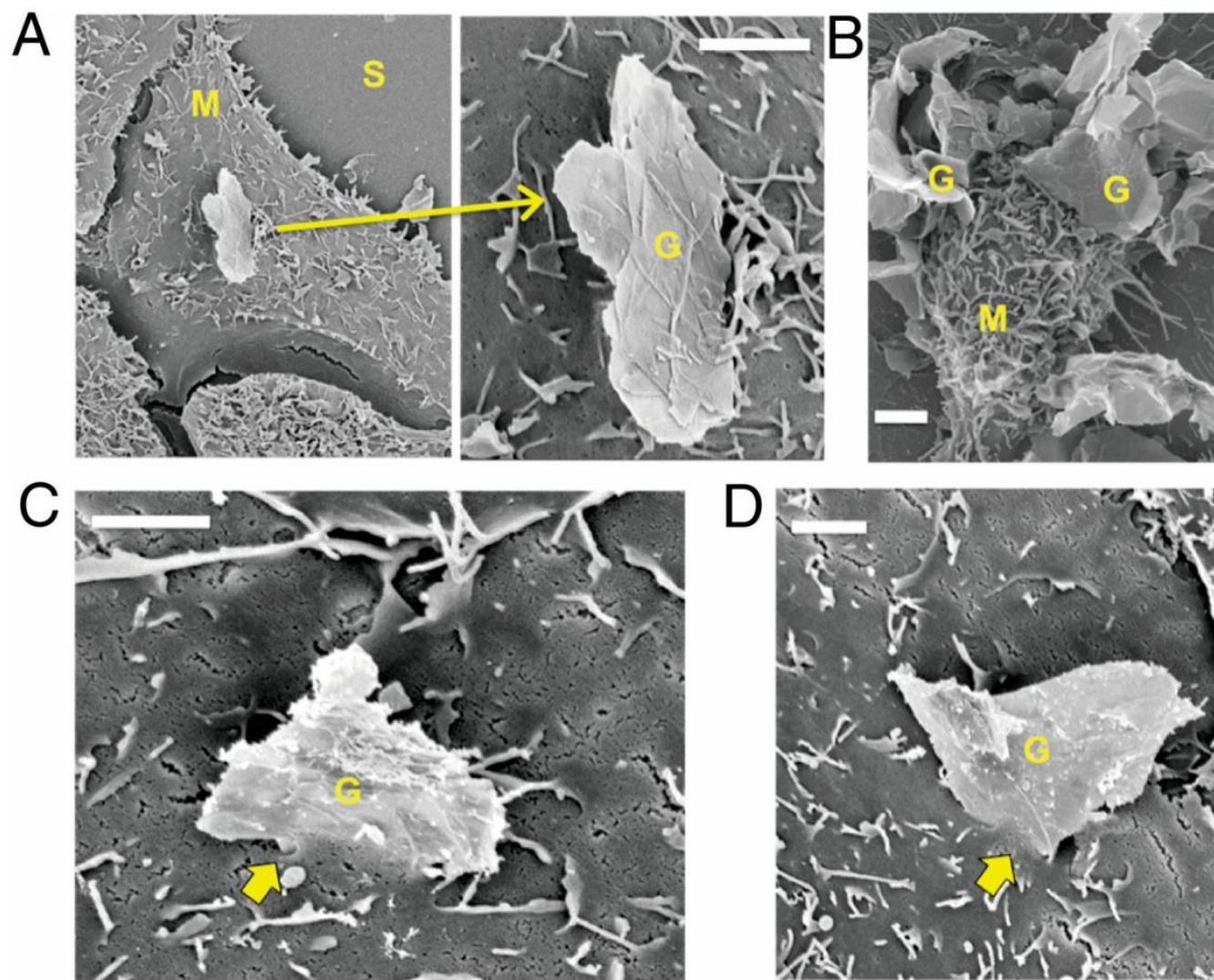


Fig. 4.



Cell membrane interactions with graphene microsheets, showing edge or corner penetration for each of three cell types. (A) Corner penetration observed for a graphene sheet of micrometer-scale lateral dimension on the surface of a human lung epithelial cell at low and high magnification. (B) Edge penetration of multiple microsheets (G) into a macrophage (M). (C) Edge penetration for a 5- μm sheet interacting with primary human keratinocytes, in which the edge entry appears to have been nucleated at an asperity or protrusion (thick yellow arrow). (D) Corner penetration mode at the surface of a primary human keratinocyte. The tilted, upright orientation of the graphene sheet produces subtle e-beam shadows immediately adjacent to the sheet in some images. Highly irregular edge topography is seen on essentially all graphene sheets. All images are field-emission scanning electron micrographs of fixed cells with osmium tetroxide postfixation. Exposure times are 24 h except for that of macrophages, which is a 5-h exposure. Cells in A and B were not subjected to critical point drying during sample preparation for scanning electron microscopy. The graphene microsheets here and in Fig. 3 have layer numbers that range from 4 to 25. (Scale bars, 2 μm .)

CITATIONS

¹ Jiangsu CNANO Technology Co.,Ltd.: http://www.cnanotechnology.com/en/en/h-col-111.html#anchor=row_314

² ACS Publications, Understanding the Toxicity of Carbon Nanotubes: <https://pubs.acs.org/doi/10.1021/ar300028m>

² Particle and Fibre Toxicology, Toxicity of graphene-family nanoparticles: a general review of the origins and mechanisms: <https://particleandfibretoxicology.biomedcentral.com/articles/10.1186/s12989-016-0168-y#:~:text=Numerous%20results%20have%20shown%20that,apoptosis%20%5B130%E2%80%93134%5D>.

² National Library of Medicine, Synthesis and Toxicity of Graphene Oxide Nanoparticles: A Literature Review of In Vitro and In Vivo Studies: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8213470/>

² CDC, Managing the Health and Safety Concerns Associated with Engineered Nanomaterials: <https://www.cdc.gov/niosh/docs/2009-125/pdfs/2009-125.pdf?id=10.26616/NIOSH-PUB2009125>

² The University of Edinburgh, Carbon nanotube health hazard: <https://www.ed.ac.uk/news/all-news/carbon-nanotubes#:~:text=The%20researchers%20found%20that%20when,the%20body%20including%20the%20lungs>.

² Taylor & Francis Online, A Review of Carbon Nanotube Toxicity and Assessment of Potential Occupational and Environmental Health Risks: <https://www.tandfonline.com/doi/abs/10.1080/10408440600570233>

² National Library of Medicine, Occupational Exposure to Carbon Nanotubes and Carbon Nanofibres: More Than a Cobweb: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8002294/#:~:text=Animal%20studies%20carried%20out%20by,them%20similar%20to%20asbestos%20fibers>.

³ Caixin Global, Jiangsu CNANO Technology Co.,Ltd.'s Net Profit Rose 45% in 2022: <https://www.caixinglobal.com/2023-04-21/jiangsu-cnano-technology-coltds-net-profit-rose-45-in-2022-102037197.html>

⁴ Proceedings of the National Academy of Sciences of the United States of America, Graphene microsheets enter cells through spontaneous membrane penetration at edge asperities and corner sites: <https://www.pnas.org/doi/10.1073/pnas.1222276110>

⁵ Royal Society, Nanoscience and nanotechnologies: opportunities and uncertainties: https://royalsociety.org/~media/Royal_Society_Content/policy/publications/2004/9693.pdf

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