



GE Water & Process Technologies

GE Betz, Inc.
4636 Somerton Road
Trevose, PA 19053

Via FedEx

8 July 2016

Mr. James Petersen
President
Frontier Water Systems
8 E Broadway #330,
Salt Lake City, UT 84111

RE: Cease and Desist

Dear Mr. Petersen:

It has come to our attention that you are potentially violating the intellectual property of General Electric Company. As you are aware, GE is the owner of three issued US patents, and their global counterparts, that cover the process of selenium removal from flue gas desulfurization (FGD) wastewater. In particular, US patent numbers, 7,790,034 ("034"), 7,550,087 ("087") and 8,163,181 ("181").

Your company has been offering for sale and conducting trials of systems for the removal of selenium from FGD wastewater (the "Systems") in direct violation of United States patent laws. This is unacceptable. Based on information and beliefs, the Systems infringe several of GE's patents, including most, if not all of the following claims: claims 1 and 9 of the '034 patent; claim 1 of the '087 patent; and claim 1 of the '181 patent. (See enclosed courtesy copies of these three patents.)

As you are aware, "whoever without authority makes, uses, offers to sell, or sells any patented invention, within the United States or imports into the United States any patented invention during the term of the patent therefor, infringes the patent." 35 U.S.C. 271 (a). Frontier has not only already offered to sell the Systems in the United States, it has conducted trials at various sites, and is currently working on further pilots. As you and your company were clearly aware of our patents, and had been put on prior notice (see attached letter to you of December 2015),



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any infringement will expose your company to significant liability for damages pursuant to 35 U.S.C. 281, et seq., including treble damages if your company persists to willfully infringe GE's patents.

We demand that your company immediately cease and desist from any further infringing activities. If Frontier continues to infringe by selling, offering to sell, piloting, or manufacturing the Systems in the United States or other geographies where patent family members are issued, GE will have no choice but to take the appropriate legal action. We demand further that you forward a written statement of your company's satisfaction of our demands, prepared on your letterhead, and signed by an appropriate officer of your company authorized to enter into contracts before a notary public, so as to reach our offices within twenty (20) days of the receipt of this letter. In addition, we demand that you also send us a statement showing all prior and existing sales, offers for sale, pilots and/or imports of the Systems into the United States, including details surrounding the sources of the wastewater streams being treated.

Should you have any questions or wish to discuss this matter in further detail, please contact me directly. If you are represented by a lawyer in connection with this matter, please let me know and I will direct all future communication regarding this matter to that lawyer.

GE is ready and able to take all actions that are available to it to ensure that you maintain your legal obligations as set forth above. We would appreciate immediate written confirmation that you understand these obligations and that you have and will continue to comply with same. If you have any questions, do not hesitate to contact me directly.

Sincerely yours,

A handwritten signature in black ink that reads 'Barbara A Toop / kf'.

Barbara A. Toop
Executive Counsel IP



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GE Betz, Inc.
4636 Somerton Road
Trevose, PA 19053

Via FedEx

8 July 2016

Mr. Timothy Pickett
Frontier Water Systems
8 E Broadway #330,
Salt Lake City, UT 84111

RE: Cease and Desist

Dear Mr. Pickett:

It has come to our attention that you are potentially violating the intellectual property of General Electric Company. As you are aware, GE is the owner of three issued US patents, and their global counterparts, that cover the process of selenium removal from flue gas desulfurization (FGD) wastewater. In particular, US patent numbers, 7,790,034 ("034"), 7,550,087 ("087") and 8,163,181 ("181").

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Sincerely yours,

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Barbara A. Toop
Executive Counsel IP