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March 21, 2006

Ms. Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12<sup>th</sup> Street, S.W.  
Washington, DC 20554

**Re: Ex Parte Communication  
IB Docket No. 02-364  
ET Docket No. 00-258**

Dear Ms. Dortch:

Yesterday, the undersigned, accompanied by Jeffrey Okamitsu, Vice-President-Technology, Fusion UV Systems, Inc. ("Fusion"), met with Fred Campbell, legal adviser to Chairman Martin, regarding the above-captioned proceedings. The points discussed during the meeting are set forth in Fusion's earlier filings in these dockets, with particular focus on the diversity of ISM devices used by American industry in manufacturing settings.

A copy of this ex parte filing is submitted for inclusion in each of the Dockets.

Respectfully submitted,

  
William K. Keane 

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cc: Marlene Dortch  
Fred Campbell  
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Dan Gonzalez  
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John Schauble  
Karen Rackley  
Alan Scrim  
Ira Keltz  
Jamison Prime  
Howard Griboff  
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**Examples of Microwave Devices Used in Industrial Settings**

1. Tempering -- (raises the temperature of food to permit processing such as slicing, dicing, pressing, and molding of the product)
2. Diamond Coatings -- (obtained through chemical vapor deposition occurring in a microwave plasma in appropriate gases)
3. Vulcanizing -- (preheating of rubber products such as tires and refrigerator door seals)
4. Drying -- (sand cores in foundries, wood and plastics (e.g. quick glue drying in furniture making and boat building), textiles, green tea)
5. Curing -- (ultraviolet curing used for a wide variety of products in numerous industries)
6. Sintering -- (for the manufacturer of ceramics)
7. Chemistry -- (microwave-enhanced chemical reactions, e.g. pasteurization, pharmaceutical drying, tissue fixation, and warming of physiological fluids)
8. Sterilization -- (to extend shelf life for foods, e.g. military rations)
9. Interferometry -- (precision machining on large surfaces)
10. Sealing -- (manufacture of pre-formed body parts for automobiles)
11. Cleaning -- (ultrasound devices used in the jewelry industry)