CDG Environmental Patents

**Issued Patents**

- U. S. Patent No. US 6,537,821  
  Date of Issue: June 8, 2000  
  *Method and Apparatus for Detecting, Measuring, and/or Removing Chlorine Gas Combination in Gaseous Chlorine Dioxide*

- U. S. Patent No. US 6,716,354  
  Date of Issue: April 6, 2004  
  *Method of Treating Water Using Combinations of Chlorine Dioxide, Chlorine and Ammonia*

- U. S. Patent No. US 6,824,756  
  Date of Issue: November 30, 2004  
  *Process for Manufacturing and Using a More Stable Formulation of Sodium Chlorite*

- U. S. Patent No. US 7,776,292  
  Date of Issue: August 17, 2010  
  *Apparatus and Method for Bioweapon Decontamination*

- U.S. Patent No. US 9,045,338  
  Date of Issue: June 2, 2015  
  *Storage-Stable Aqueous Solutions of Chlorine Dioxide and Methods for Preparing and Using Them*

- U.S. Patent No. US 9,045,339  
  Date of Issue: June 2, 2015  
  *Storage-Stable Aqueous Solutions of Chlorine Dioxide and Methods for Preparing and Using Them*

- U.S. Patent No. US 9,045,340  
  Date of Issue: June 2, 2015  
  *Storage-Stable Aqueous Solutions of Chlorine Dioxide and Methods for Preparing and Using Them*

- U.S. Patent No. US 9,045,341  
  Date of Issue: June 2, 2015  
  *Storage-Stable Aqueous Solutions of Chlorine Dioxide and Methods for Preparing and Using Them*

- U.S. Patent No. US 9,302,911
Date of Issue: April 5, 2016
*Storage-Stable Aqueous Solutions of Chlorine Dioxide and Methods for Preparing and Using Them*

- Canadian Patent No. CA 2439927
  Date of Issue: April 5, 2011
  *Methods of Treating Water Using Combinations of Chlorine Dioxide, Chlorine and Ammonia*

- Mexican Patent No. MX 237469
  Date of Issue: June 2, 2006
  *Methods of Treating Water Using Combinations of Chlorine Dioxide, Chlorine and Ammonia*

- Mexican Patent Publication No. MX 304689
  Date of Issue: October 29, 2012
  *Storage-Stable Aqueous Solutions of Chlorine Dioxide and Methods for Preparing and Using Them*

- Australian Patent No. 2006332600
  Date of Issue: January 25, 2012
  *Storage-Stable Aqueous Solutions of Chlorine Dioxide and Methods for Preparing and Using Them*

- European No. EP 1506134
  Date of Issue: 08/12/2015
  *Process for Manufacturing and Using a More Stable Formulation of Sodium Chlorite*

- France No. FR 1506134
  Date of Issue: 08/12/2015
  *Process For Manufacturing And Using A Stable Formulation Of Sodium Chlorite*

- Great Britain No. GB 1506134
  Date of Issue: 08/12/2015
  *Process for Manufacturing and Using a More Stable Formulation of Sodium Chlorite*

- Germany No. DE 1506134
  Date of Issue: 08/12/2015
  *Process for Manufacturing and Using a More Stable Formulation of Sodium Chlorite*
US Patents Pending

- Publication No. 2009-0142226-A1
  *Use of Storage–Stable Aqueous Solutions of Chlorine Dioxide to Generate Pure Chlorine Dioxide Gas for Decontamination*

- Publication No. 2016-0058013-A1
  *STORAGE-STABLE AQUEOUS SOLUTIONS OF CHLORINE DIOXIDE AND METHODS FOR PREPARING AND USING THEM*

Foreign Patents Pending

- Canadian Publication No. CA 2629888
  *Storage-Stable Aqueous Solutions of Chlorine Dioxide and Methods for Preparing and Using Them*

- Canadian Publication No. CA 2675574
  *Use of Storage-Stable Aqueous Solutions of Chlorine Dioxide to Generate Pure Chlorine Dioxide Gas for Decontamination*

- European Publication No. EP 1957401
  *Storage-Stable Aqueous Solutions of Chlorine Dioxide and Methods for Preparing and Using Them*

- European Publication No. EP 2226291
  *Process for Manufacturing and Using a More Stable Formulation of Sodium Chlorite*