

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST**  
**(REVOCATION OF PRIOR POWERS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

KYOCERA CORPORATION, a corporation, as assignee of record of the entire right, title and interest in the applications identified in the attached Appendix A as per the Assignments from the inventors corresponding to said applications, hereby revokes all powers of attorneys previously given and hereby appoint the following attorneys to prosecute and transact all business in the Patent and Trademark Office connected therewith:

Customer No. 03624, namely the attorneys of VOLPE AND KOENIG, P.C.

Send all correspondence to the address associated with Customer No. 03624:

VOLPE AND KOENIG, P.C.  
United Plaza, 30 South 17th Street, Philadelphia, PA 19103-4009  
(215) 568-6400

The undersigned submits that the undersigned has power to act on behalf of the assignee, the evidentiary documents have been reviewed and certifies that, to the best of assignee's knowledge and belief, title is in the assignee seeking to take the action.

Executed this 20 day of June, 2013.

KYOCERA CORPORATION



\_\_\_\_\_  
Junichi Jinno  
Executive Officer/General Manager of Corporate  
Legal and Intellectual Property Group  
(Authorized Signing Officer)

## Appendix A

U.S. Patent Application No.	PCT International Application No.
12/994,608	PCT/JP2009/066784
13/218,279	PCT/JP2009/066934
13/126,912	PCT/JP2010/051057
13/203,472	PCT/JP2010/052859
13/260,895	PCT/JP2010/055368
13/318,305	PCT/JP2010/059028
13/375,011	PCT/JP2010/060966
13/380,642	PCT/JP2010/060979
13/388,100	PCT/JP2010/062777
13/393,450	PCT/JP2010/064702
13/515,427	PCT/JP2010/072465
13/504,606	PCT/JP2010/069132
13/512,254	PCT/JP2010/071279
13/575,935	PCT/JP2011/051485
13/582,111	PCT/JP2011/062288
13/642,425	PCT/JP2011/064514
13/808,998	PCT/JP2011/067260
13/809,022	PCT/JP2011/071076
13/810,735	PCT/JP2011/068220
13/876,671	PCT/JP2011/072181
13/821,841	PCT/JP2012/052125