

PETITION FOR *INTER PARTES* REVIEW
U.S. PATENT NO. 7,790,869

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re: US. Patent of Jingyue Ju. *et al.*
Patent No.: 7,790,869
Appl. No.: 11/810,509
Issue Date: September 7, 2010
For: MASSIVE PARALLEL METHOD FOR DECODING DNA
AND RNA

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Inter partes review of U.S. Patent 7,790,869 ("the '869 patent") pursuant to 35 U.S.C. § 311 and 37 C.F.R. §§ 42.1 *et seq.* is respectfully requested by Petitioner Illumina, Inc. ("Petitioner"). Petitioner submits that the attached prior art (attached as Exhibits 1002 to 1020) renders claims 12-13, 15-17, 20-26, 28-29, 31, and 33 of the '869 patent invalid under 35 U.S.C. §§ 102(a), 102(b), 102(e), and 103(a) and raises a reasonable likelihood that Petitioner will prevail with respect to at least one of claims 12-13, 15-17, 20-26, 28-29, 31, and 33 of the '869 patent. Accordingly, it is requested that *inter partes* review of claims 12-13, 15-17, 20-26, 28-29, 31, and 33 of

Columbia Ex. 2041
Illumina, Inc. v. The Trustees
of Columbia University
in the City of New York
IPR2020-01177

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