

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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INTEL CORPORATION  
Petitioner

v.

HEALTH DISCOVERY CORPORATION  
Patent Owner

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Case IPR2021-00549  
Patent 7,117,188

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**PETITION FOR *INTER PARTES* REVIEW OF  
U.S. PATENT 7,117,188**

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Patent Trial and Appeal Board  
U.S. Patent & Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

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**EXHIBIT LIST**

<b>INTEL Exhibit No.</b>	<b>Description</b>
1001	U.S. Patent 7,117,188 to Isabelle Guyon et al. (“188 Patent”)
1002	File History for U.S. Patent 7,117,188 (“188 FH”)
1003	Declaration of Theodoros Evgeniou, Ph.D. in Support of IPR Petition
1004	<i>Curriculum Vitae</i> of Theodoros Evgeniou, Ph.D.
1005	Mukherjee et al., Support Vector Machine Classification of Microarray Data, Technical Report C.B.C.L. Paper No. 182, A.I. Memo No. 1677, M.I.T. (1998) (“Mukherjee”)
1006	U.S. Patent 6,327,581 to Platt, filed on April 6, 1998 and issued December 4, 2001 (“Platt”)
1007	Kohavi et al., Wrappers for feature subset selection, <i>Artificial Intelligence</i> 97, 273-324 (1997) (“Kohavi”)
1008	U.S. Patent 5,649,068 to Boser, et al., filed May 16, 1996 and issued July 15, 1997 (“Boser”)
1009	Hocking et al., Selection of the Best Subset in Regression Analysis, <i>Technometrics</i> , 9:4, 531-540 (1967) (“Hocking”)
1010	Cristianini, N., et al., <i>An Introduction to Support Vector Machines and Other Kernel-based Learning Methods</i> , Cambridge University Press. 2000 (“Cristianini”)
1011	Cortes, C., et al, Support-Vector Networks, <i>Machine Learning</i> , 20, 273-297 (1995) (“Cortes”)
1012	U.S. Patent 6,122,628 to Castelli, et al., filed Oct. 31, 1997, issued September 19, 2000 (“Castelli”)

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