Page 1

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UNITED STATES PATENT AND TRADEMARK OFFICE
 1
             BEFORE THE PATENT TRIAL AND APPEAL BOARD
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        MICROSOFT CORPORATION and
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        MICROSOFT MOBILE, INC.
                                        )
                                           IPR2015-01147
 6
                        Petitioners,
 7
                                           Patent No.
             VS.
 8
        GLOBAL TOUCH SOLUTIONS, LLC,
                                        ) 7, 994, 726
 9
                        Patent Owner.
                                        )
10
            ***CAPTION CONTINUED***
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14
                            Deposition of
15
                  MARK N. HORENSTEIN, Ph.D., P.E.
16
                          February 16, 2016
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        Reported by: Cappy Hallock, RPR, CRR, CLR
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UNITED STATES PATENT AND BEFORE THE PATENT TRIAL		
DEFORE THE PATERIT TRIAL	AND	ALLE BOARD
MICROSOFT CORPORATION and	)	
MICROSOFT MOBILE, INC.	)	IPR2015-011478
Petitioners,	)	
VS.	)	Patent No.
GLOBAL TOUCH SOLUTIONS, LLC,	)	7, 498, 749
Patent Owner.	)	
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UNITED STATES PATENT AND		
UNITED STATES PATENT AND BEFORE THE PATENT TRIAL		
BEFORE THE PATENT TRIAL	AND	APPEAL BOARD
BEFORE THE PATENT TRIAL	AND	APPEAL BOARD
MICROSOFT CORPORATION and MICROSOFT MOBILE, INC.	AND	APPEAL BOARD
MICROSOFT CORPORATION and MICROSOFT MOBILE, INC. Petitioners,	AND  ) ) )	APPEAL BOARD  IPR2015-01149  Patent No.
MICROSOFT CORPORATION and MICROSOFT MOBILE, INC. Petitioners, vs.	AND	APPEAL BOARD  IPR2015-01149  Patent No.
MICROSOFT CORPORATION and MICROSOFT MOBILE, INC. Petitioners, vs. GLOBAL TOUCH SOLUTIONS, LLC,	AND	APPEAL BOARD  IPR2015-01149  Patent No.

	UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD				
Petitioners, )  VS. ) Patent No.  SLOBAL TOUCH SOLUTIONS, LLC, ) 7,781,980  Patent Owner. )  UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD  MICROSOFT CORPORATION and )  MICROSOFT MOBILE, INC. ) IPR2015-01151  Petitioners, )  VS. ) Patent No.  SLOBAL TOUCH SOLUTIONS, LLC, ) 8,288,952					
Petitioners, )  VS. ) Patent No.  SLOBAL TOUCH SOLUTIONS, LLC, ) 7,781,980  Patent Owner. )  UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD  MICROSOFT CORPORATION and )  MICROSOFT MOBILE, INC. ) IPR2015-01151  Petitioners, )  VS. ) Patent No.  SLOBAL TOUCH SOLUTIONS, LLC, ) 8,288,952	MICROSOFT CORPORATION and				
Petitioners, )  vs. ) Patent No.  SLOBAL TOUCH SOLUTIONS, LLC, ) 7,781,980  Patent Owner. )  UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD  MICROSOFT CORPORATION and )  MICROSOFT MOBILE, INC. ) IPR2015-01151  Petitioners, )  vs. ) Patent No.  SLOBAL TOUCH SOLUTIONS, LLC, ) 8,288,952		)	IPR2015-01150		
vs. ) Patent No.  SLOBAL TOUCH SOLUTIONS, LLC, ) 7,781,980  Patent Owner. )  UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD  MICROSOFT CORPORATION and )  MICROSOFT MOBILE, INC. ) IPR2015-01151  Petitioners, )  vs. ) Patent No.  SLOBAL TOUCH SOLUTIONS, LLC, ) 8,288,952					
Patent Owner. )  UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD  MICROSOFT CORPORATION and )  MICROSOFT MOBILE, INC. ) IPR2015-01151  Petitioners, )  vs. ) Patent No.  GLOBAL TOUCH SOLUTIONS, LLC, ) 8, 288, 952		)	Patent No.		
Patent Owner. )  UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD  MICROSOFT CORPORATION and )  MICROSOFT MOBILE, INC. ) IPR2015-01151  Petitioners, )  vs. ) Patent No.  GLOBAL TOUCH SOLUTIONS, LLC, ) 8, 288, 952	GLOBAL TOUCH SOLUTIONS, LLC,	)	7, 781, 980		
BEFORE THE PATENT TRIAL AND APPEAL BOARD  MICROSOFT CORPORATION and  Petitioners,  vs.  Patent No.  BLOBAL TOUCH SOLUTIONS, LLC,  8, 288, 952	Patent Owner.	)			
BEFORE THE PATENT TRIAL AND APPEAL BOARD  MICROSOFT CORPORATION and  Petitioners,  vs.  Patent No.  BLOBAL TOUCH SOLUTIONS, LLC,  8, 288, 952		)			
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MICROSOFT CORPORATION and  MICROSOFT MOBILE, INC.  Petitioners,  vs.  Patent No.  GLOBAL TOUCH SOLUTIONS, LLC,  NOTE: The second of the second					
Petitioners, )  vs. ) Patent No.  GLOBAL TOUCH SOLUTIONS, LLC, ) 8,288,952	BEFORE THE PATENT TRIAL /	AND	APPEAL BOARD		
Petitioners, )  vs. ) Patent No.  GLOBAL TOUCH SOLUTIONS, LLC, ) 8,288,952					
Petitioners, )  vs. ) Patent No.  GLOBAL TOUCH SOLUTIONS, LLC, ) 8,288,952	MICROSOFT CORPORATION and	)			
vs. ) Patent No. GLOBAL TOUCH SOLUTIONS, LLC, ) 8,288,952	MICROSOFT MOBILE, INC.	)	IPR2015-01151		
GLOBAL TOUCH SOLUTIONS, LLC, ) 8,288,952	Petitioners,	)			
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Patent Owner. )	vs.	)	raconc No.		
)		,			
	GLOBAL TOUCH SOLUTIONS, LLC,	)			
	GLOBAL TOUCH SOLUTIONS, LLC,	)			
	LOBAL TOUCH SOLUTIONS, LLC,	)			



1	The Deposition of MARK N. HORENSTEIN,
2	Ph.D., P.E. was taken on Tuesday, February 16,
3	2016, commencing at 9:05 a.m. at the law offices
4	of Baker Hostetler, Cira Centre, 12th Floor, 2929
5	Arch Street, Philadelphia, Pennsylvania 19104,
6	before Cappy Hallock, Registered Professional
7	Reporter, Certified Realtime Reporter, Certified
8	Livenote Reporter and Notary Public in and for the
9	District of Columbia.
10	
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12	On behalf of Petitioners:
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Page 5

	Tugo o
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20	Reported by:
21	Cappy Hallock, RPR, CRR, CLR
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