504018160 09/22/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4064817

RE OF CONVEYAN		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
/EYING PARTY DA	ТА			
		Name	Execution Date	
KALHAN			11/05/2012	
EIVING PARTY DAT	Ā.			
:	KYOCERA CORPORATION			
t Address:	6 TAKEDA	TAKEDA TOBADONO-CHO, FUSHIMI-KU		
	KYOTO	ΥΟΤΟ		
/Country:	JAPAN			
al Code:	612-8501			
cation Number:	152	273237		
g a fax number, if pi e: l: espondent Name: ess Line 1:	sent to the rovided; if 858 KII-I KYC 861	e e-mail address first; if that is uns that is unsuccessful, it will be sen 3-882-2000 USPatents@kyocera.com OCERA INTERNATIONAL INC. INTE 1 BALBOA AVE N DIEGO, CALIFORNIA 92123	t via US Mail.	
ATTORNEY DOCKET NUMBER:		TUC1 00211 US		
NAME OF SUBMITTER:		ΤΟΚΙΚΟ ΚΙΝΟSΗΙΤΑ		
SIGNATURE:		/Tokiko Kinoshita/		
		09/22/2016	09/22/2016	
Correspondent Name:KYOAddress Line 1:8611Address Line 4:SANATTORNEY DOCKET NUMBER:NAME OF SUBMITTER:		CERA INTERNATIONAL INC. INTELLECTUAL BALBOA AVE DIEGO, CALIFORNIA 92123 TUC1 00211 US TOKIKO KINOSHITA /Tokiko Kinoshita/ 09/22/2016		

ASSIGNMENT

For valuable consideration, I, Amit KALHAN of San Diego, CA, hereby assign to KYOCERA CORPORATION, a Japanese corporation having a place of business at 6 Takeda Tobadono-cho, Fushimi-ku, Kyoto, 612-8501, Japan; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States patent signed by me, entitled, P2P COMMUNICATION USING MACROCELL DOWNLINK RESOURCES. having attorney docket number TPRO 00211 US, filed November 14, 2011, and having a U.S. application number 61/559,393; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention of the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for myself and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: 11-5-12

Amit KALHAN

PATENT REEL: 039836 FRAME: 0105

ASSIGNMENT

For valuable consideration, I, Amit KALHAN of San Diego, CA, hereby assign to KYOCERA CORPORATION, a Japanese corporation having a place of business at 6 Takeda Tobadono-cho, Fushimi-ku, Kyoto, 612-8501, Japan; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States patent signed by me, entitled, SOUNDING REFERENCE SIGNALS TRANSMISSIONS FOR P2P COMMUNICATION USING MACROCELL DOWNLINK RESOURCES, having attorney docket number TPRO 00212 US, filed November 14, 2011, and having a U.S. application number 61/559,412 and are also the subject of a second application for United States patent signed by me, entitled, SOUNDING **REFERENCE SIGNALS TRANSMISSIONS FOR P2P COMMUNICATION USING** MACROCELL DOWNLINK RESOURCES, having attorney docket number TPRO 00213 US, filed November 29, 2011, and having a U.S. application number 61/564,584; this assignment including said applications, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said applications under the International Convention of the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for myself and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: 11-5-12

Amit KALHAN

RECORDED: 09/22/2016