504617899 10/30/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4664614

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYA	NCE:	ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ			
		Name	Execution Date	
SEUNGHWAN YOON			05/26/2017	
ZHIHUI WANG			05/30/2017	
FRANCO DE FLAVIIS			05/26/2017	
ALFRED GRAU BESOL			05/30/2017	
KARTIK SRIDHARAN			05/26/2017	
AHMADREZA ROFOUG	ARAN		05/26/2017	
MICHAEL BOERS			05/28/2017	
SAM GHARAVI			05/26/2017	
DONGHYUP SHIN			05/26/2017	
FARID SHIRINFAR			05/28/2017	
STEPHEN WU			05/26/2017	
MARYAM ROFOUGARAN			05/26/2017	
RECEIVING PARTY DA	TA			
Name:	MOVA	NDI CORPORATION		
Street Address:	4710 V	ON KARMAN AVENUE		
Internal Address:	SUITE	200		
City:	NEWP	ORT BEACH		
State/Country:	CALIF	CALIFORNIA		
Postal Code:	92660			
PROPERTY NUMBERS	Total: 1			
Property Type		Number		
Application Number:		15607750		

CORRESPONDENCE DATA

Fax Number:(312)803-4960Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.Email:docketing@chiplawgroup.comCorrespondent Name:CHIP LAW GROUPAddress Line 1:155 N WACKER DR

Address Line 2:	SUITE 4250
504617899	

PATENT

Address Line 4: CHIC	AGO, ILLINOIS 60606			
ATTORNEY DOCKET NUMBER:	MOV1007			
NAME OF SUBMITTER:	PRAMOD CHINTALAPOODI			
SIGNATURE:	/Pramod Chintalapoodi/			
DATE SIGNED:	10/30/2017			
Total Attachments: 12				
source=MOV1007_Assignments#page1	.tif			
source=MOV1007_Assignments#page2.tif				
source=MOV1007_Assignments#page3.tif				
source=MOV1007_Assignments#page4.tif				
source=MOV1007_Assignments#page5.tif				
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source=MOV1007_Assignments#page9.tif				
source=MOV1007_Assignments#page10.tif				
source=MOV1007_Assignments#page11.tif				
source=MOV1007_Assignments#page1	2.tif			

Title of Invention	THREE-DIMENSIONAL ANTENNA ARRAY MODULE
As the below nam	ed inventor, I hereby declare that:
This declaration	The attached application, or
is directed to:	United States application or PCT international application number
The above-identil	ied application was made or authorized to be made by me.
I believe that I an	the original inventor or an original joint inventor of a claimed invention in the application.
WHEREAS, MC	IVANDI CORPORATION
(hereinafter refer Newport Beac	red to as "ASSIGNEE") having places of business at:4710 Von Karman Avenue, Suite 200 h, CA_92660
	uiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may ore in the United States and its territorial possessions and in any and all foreign countries;
and for other goo and exclusive rig (including the rigt and Arrangement which may be gra	FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, id and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full ht to the said invention in the United States and its territorial possessions and in all foreign countries it to claim priority under the terms of the International Convention and other relevant International Treaties s from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent inted therefor in the United States and its territorial possessions and in any and all foreign countries and in I divisions, reissues, continuations, substitutions and renewals thereof.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

LEGAL NAME OF INVENTOR						
Inventor:	Seunghwan Yoon	Date:	5/26/2017			
Signature:						

Title of Invention	THE	IEE-DIMENSIONAL ANTENNA ARRAY MODULE		
As the below nar	ned ir	wentor, I hereby declare that:		
This declaration	\otimes	The attached application, or		
is directed to:	Π	United States application or PCT international application number		
The above-identi	fied a	pplication was made or authorized to be made by me.		
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.				
WHEREAS, MOVANDI CORPORATION				
		o as "ASSIGNEE") having places of business at:4710 Von Karman Avenue, Suite 200		
Newport Bear	th, CA	92660		

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

	IE OF INVENTOR		
Inventor:	Zhihui Wang	Date:	
Signature:	Zhilai hang		

PATENT REEL: 043983 FRAME: 0250

Title of Invention	TH	REE-DIMENSIONAL ANTENNA ARRAY MODULE		
As the below nar	ned i	nventor, I hereby declare that:		
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is directed to:	Ш.	United States application or PCT international application number		
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Newport Bea is desirous of ac	ch, C⁄ quirin	to as "ASSIGNEE") having places of business at:4710 Von Karman Avenue, Suite 200 § 92660 g the entire right, title and interest in and to said invention and in and to any Letters Patent that may in the United States and its territorial possessions and in any and all foreign countries;		
NOW, THER and for other go	EFORI od an	E, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, d valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full		

and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

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LEGAL NAME OF INVENTOR						
Inventor:	Franco De Flaviis	Date:	5-26-2017			
	Pranae De Flavill.					

Title of Invention	THREE-DIMENSIONAL ANTENNA ARRAY MODULE
As the below nan	ned inventor, I hereby declare that:
This declaration	The attached application, or
is directed to:	United States application or PCT international application number
The above-identi	fied application was made or authorized to be made by me.
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and for other goo and exclusive rig (including the righ and Arrangement which may be gra	FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, od and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full ht to the said invention in the United States and its territorial possessions and in all foreign countries int to claim priority under the terms of the International Convention and other relevant International Treaties ts from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent anted therefor in the United States and its territorial possessions and in any and all foreign countries and in I divisions, reissues, continuations, substitutions and renewals thereof.

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LEGAL NAME OF INVENTOR						
Inventor:	Alfred Grau Besoli		5/30/2017			
Signature:						

Title of Invention	THI	EE-DIMENSIONAL ANTENNA ARRAY MODULE	
As the below nan	ned ir	wentor, I hereby declare that:	
This declaration		The attached application, or	
is directed to:		United States application or PCT international application number	-
The above-identi	fied a	pplication was made or authorized to be made by me.	
I believe that I an	n the	original inventor or an original joint inventor of a claimed invention in the application.	
WHEREAS, MO	OVÁN	DI CORPORATION	
(hereinafter refe Newport Bead		o as "ASSIGNEE") having places of business at:4710 Von Karman Avenue, Suite 200 92660	
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NOW, THERE	FORE	, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledg	;ed,

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	LEGAL NAME OF INVENTOR					
Inventor:	Kartik Sridharan	Date:	5/26/17			
Signature:	Kartik Seikaran					

Title of Invention	THS	REE-DIMENSIONAL ANTENNA ARBAY MODULE		
As the below nar	ned ir	wentor, I hereby declare that:		
This declaration	83	The attached application, or		
is directed to:	C	United States application or PCT international application number		
The above-identi	fied a	pplication was made or authorized to be made by me.		
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.				
	rred t	DI CORPORATION o as "ASSIGNEE") having places of business at:4710 Von Karman Avenue, Suite 200 v 92660		

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LEGAL NAME OF INVENTOR					
Inventor:	Ahmadreza Rofougaran	Date:	5-26-2017		
Signature:	2				

Title of Invention	THE	EE-DIMENSIONAL ANTENNA ARRAY MODULE	
As the below nan	ned ir	wentor, I hereby declare that:	
This declaration	2	The attached application, or	
is directed to:	United States application or PCT international application number filed on		
The above-identi	fied a	pplication was made or authorized to be made by me.	
I believe that I an	n the	original inventor or an original joint inventor of a claimed invention in the application.	
WHEREAS, MO)VAN	DI CORPORATION	
(hereinafter refe Newport Bead		o as "ASSIGNEE") having places of business at:4710 Von Karman Avenue, Suite 200 92660	
		; the entire right, title and interest in and to said invention and in and to any Letters Patent that may I the United States and its territorial possessions and in any and all foreign countries;	ţ
		, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged	

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LEGAL NAME OF INVENTOR					
inventor:	Michael Boers	Date:	28 May 2017		
Signature:	b				

Title of Invention	тні	REE-DIMENSIONAL ANTENNA ARRAY MODULE			
As the below nar	ned ii	wentor, I hereby declare that:			
This declaration	\boxtimes	The attached application, or			
is directed to:		United States application or PCT international application number			
The above-identi	fied a	pplication was made or authorized to be made by me.			
I believe that I ar	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.				
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NOW, THERE	FORE	, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged,			

and for other good and valuable consideration of the sum of Five DOLLARS (55:00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

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LEGAL NAME OF INVENTOR				
Inventor:	Sam Gharavi	Date:	5/26/2017	
Signature:	<u>Sauc Guaran</u>			

Title of Invention	THE	REE-DIMENSIONAL ANTENNA ARRAY MODULE			
As the below nar	ned ir	wentor, I hereby declare that:			
This declaration	8	The attached application, or			
is directed to:	Π	United States application or PCT international filed on	application number		
The above-identi	fied a	pplication was made or authorized to be made t	ay me.		
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.					
WHEREAS, MO	WHEREAS, MOVANDI CORPORATION				
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		g the entire right, title and interest in and to said n the United States and its territorial possession	d invention and in and to any Letters Patent that may s and in any and all foreign countries;		
and for other goo	ns bc	d valuable consideration, I, by these presents do	\$5.00), the receipt whereof is hereby acknowledged, sell, assign and transfer unto said ASSIGNEE, the full s territorial possessions and in all foreign countries		

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LEGAL NAM	LEGAL NAME OF INVENTOR				
Inventor:	Donghyup Shin	Date:	5/26/2017		
Signature:	······································				

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	LEGAL NAME OF INVENTOR					
Inventor:	Farid Shirinfar	Date:	05/28/2017			
Signature:	<u>Barid Sidodelar</u>					

Title of Invention	THE	IEE-DIMENSIONAL ANTENNA ARRAY MODULE		
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and for other goo	od an	, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, d valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full the said invention in the United States and its territorial possessions and in all foreign countries		

(including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

LEGAL NAME OF INVENTOR							
Inventor:	Stephen Wu	Date:	5/26/17				
Signature:	<u>Statian hn</u>						

						
Title of Invention	THREE-DIMENSIONAL ANTENNA ARRAY MODULE					
As the below name	As the below named inventor, I hereby declare that:					
This declaration	his declaration 🛞 The attached application, or					
is directed to:	United States application or PCT international application number					
The above-identified application was made or authorized to be made by me.						
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.						
WHEREAS, MOVANDI CORPORATION (hereinafter referred to as "ASSIGNEE") having places of business at: 4710 Von Karman Avenue, Suite 200 Newport Beach, CA 92660 15 desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;						
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.						
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any an all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignees of my entir right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, t the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been he by me had this Assignment and sale not been made.						
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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

LEGAL NAME OF INVENTOR							
	Inventor:	Maryam Rofougaran	Sec. 64. 2. 64. 5	5/26/2017			
	Signature:						

possessions and in any and all foreign countries.