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PCT REQUESTOriginal (for **SUBMISSION**)

0	For receiving Office use only	
0-1	International Application No.	PCT/US16/66717
0-2	International Filing Date	(14.12.16) 14 DECEMBER 2016
0-3	Name of receiving Office and "PCT International Application"	PCT INTERNATIONAL APPLICATION RO/US
0-4	Form PCT/RO/101 PCT Request	
0-4-1	Prepared Using	PCT-SAFE [EFS-Web mode] Version 3.51.076.252 MT/FOP 20170101/0.20.5.24
0-5	Petition	
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	United States Patent and Trademark Office (USPTO) (RO/US)
0-7	Applicant's or agent's file reference	42P110061PCT
I	Title of Invention	MICROELECTRONIC DEVICES DESIGNED WITH MOLD PATTERNING TO CREATE PACKAGE-LEVEL COMPONENTS FOR HIGH FREQUENCY COMMUNICATION SYSTEMS
II	Applicant	
II-1	This person is	Applicant only
II-2	Applicant for	All designated States
II-4	Name	INTEL CORPORATION
II-5	Address	2200 Mission College Boulevard MS: RNB-4-150 SANTA CLARA, California 95052 United States of America
II-6	State of nationality	US
II-7	State of residence	US
III-1	Applicant and/or inventor	
III-1-1	This person is	Inventor only
III-1-3	Inventor for	All designated States
III-1-4	Name (LAST, First)	EID, Feras
III-1-5	Address	5443 W Elgin Street Chandler, Arizona 85226 United States of America

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III-2	Applicant and/or inventor	
III-2-1	This person is	Inventor only
III-2-3	Inventor for	All designated States
III-2-4	Name (LAST, First)	OSTER, Sasha N.
III-2-5	Address	1441 E Folley Place Chandler, Arizona 85225 United States of America
III-3	Applicant and/or inventor	
III-3-1	This person is	Inventor only
III-3-3	Inventor for	All designated States
III-3-4	Name (LAST, First)	KAMGAING, Telesphor
III-3-5	Address	2204 E Firestone Drive Chandler, Arizona 85249 United States of America
III-4	Applicant and/or inventor	
III-4-1	This person is	Inventor only
III-4-3	Inventor for	All designated States
III-4-4	Name (LAST, First)	DOGIAMIS, Georgios C.
III-4-5	Address	4909 W Joshua Boulevard APT 2014 Chandler, Arizona 85226 United States of America
III-5	Applicant and/or inventor	
III-5-1	This person is	Inventor only
III-5-3	Inventor for	All designated States
III-5-4	Name (LAST, First)	ALEKSOV, Aleksandar
III-5-5	Address	2962 S. Salida Del Sol Ct Chandler, Arizona 85286 United States of America

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IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	Agent
IV-1-1	Name (LAST, First)	SCHWEIGERT, Jeremy A.
IV-1-2	Address	BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 1279 Oakmead Parkway Sunnyvale, California 94085 United States of America
IV-1-3	Telephone No.	(408) 720-8300
IV-1-4	Facsimile No.	(408) 720-8383
IV-1-5	e-mail	Intel_Foreign_Docs@bstz.com
IV-1-5(a))	E-mail authorization The receiving Office, the International Searching Authority, the International Bureau and the International Preliminary Examining Authority are authorized to use this e-mail address, if the Office or Authority so wishes, to send notifications issued in respect of this international application:	as advance copies followed by paper notifications
IV-1-6	Agent's registration No.	56,244
IV-2	Additional agent(s)	additional agent(s) with same address as first named agent
IV-2-1	Name(s)	MALLIE, Michael J. (36,591); VINCENT, Lester J. (31,460); BERNADICOU, Michael (35,934)
V	DESIGNATIONS	
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.	
VI-1	Priority Claim	NONE
VII-1	International Searching Authority Chosen	Korean Intellectual Property Office (ISA/KR)

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VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	—	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	—	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	—	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	—	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	—	
IX	Check list	Number of sheets	Electronic file(s) attached
IX-1	Request (including declaration sheets)	5	✓
IX-2	Description	12	—
IX-3	Claims	3	—
IX-4	Abstract	1	✓
IX-5	Drawings	9	—
IX-7	TOTAL	30	
	Accompanying Items	Paper document(s) attached	Electronic file(s) attached
IX-8	Fee calculation sheet	✓	—
IX-19	Other	PCT Declaration	
IX-19	Other	PCT Transmittal	
IX-20	Figure of the drawings which should accompany the abstract	2	
IX-21	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative	/Jeremy A. Schweigert, Reg. no 56244/	
X-1-1	Name (LAST, First)	SCHWEIGERT, Jeremy A.	
X-1-3	Capacity (if such capacity is not obvious from reading the request)		

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10-1	Date of actual receipt of the purported international application	14-12-2016
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/KR
10-6	Transmittal of search copy delayed until search fee is paid	

FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by the International Bureau	
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