

PCT REQUESTOriginal (for **SUBMISSION**)

0	For receiving Office use only	
0-1	International Application No.	PCT/US17/54413
0-2	International Filing Date	29 September 2017 (29.09.2017)
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 3.51.078.254 MT/FOP 20170701/0.20.5.24
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	P120569PCT
I	Title of Invention	SPACER-PATTERNED INVERTERS BASED ON THIN-FILM TRANSISTORS
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 Santa Clara, California 95054 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	Applicant and inventor
III-1-2	Applicant for	All designated States
III-1-4	Name (LAST, First)	SHARMA, Abhishek A.
III-1-5	Address	1091 NE Orenco Station Parkway E317 Hillsboro, Oregon 97124 United States of America
III-1-6	State of nationality	IN
III-1-7	State of residence	US

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III-2	Applicant and/or inventor	
III-2-1	This person is	Applicant and inventor
III-2-2	Applicant for	All designated States
III-2-4	Name (LAST, First)	LE, Van H.
III-2-5	Address	2453 NW Rogue Valley Terrace Beaverton, Oregon 97006 United States of America
III-2-6	State of nationality	US
III-2-7	State of residence	US
III-3	Applicant and/or inventor	
III-3-1	This person is	Applicant and inventor
III-3-2	Applicant for	All designated States
III-3-4	Name (LAST, First)	DEWEY, Gilbert
III-3-5	Address	920 SE 58th Avenue Hillsboro, Oregon 97123 United States of America
III-3-6	State of nationality	US
III-3-7	State of residence	US
III-4	Applicant and/or inventor	
III-4-1	This person is	Applicant and inventor
III-4-2	Applicant for	All designated States
III-4-4	Name (LAST, First)	RACHMADY, Willy
III-4-5	Address	10945 SW Nutcracker Court Beaverton, Oregon 97007 United States of America
III-4-6	State of nationality	ID
III-4-7	State of residence	US

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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)	WANG, Yuke
IV-1-2	Address	SCHWABE, WILLIAMSON & WYATT, P.C. 1211 SW 5th, Ste 1900 Portland, Oregon 97204 United States of America
IV-1-3	Telephone No.	(503) 222-9981
IV-1-4	Facsimile No.	(503) 796-2900
IV-1-5	e-mail	intelpatent@schwabe.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.	72,488
IV-2	Additional agent(s)	additional agent(s) with same address as first named agent
IV-2-1	Name(s)	PUGH, Joseph A. (52,137); COFIELD, Michael A. (54,630); BLANK, Eric S. (68,748); ROJO, Estiven (74,428); BRASK, Justin K. (61,080); AUYEUNG, Al (35,432); BERNADICOU, Michael A. (35,934); BLAIR, Steven R. (65,837); DANSKIN, Timothy A. (40,981); HALEVA, Aaron S. (44,733); MAKI, Nathan R. (51,110); MARLINK, Jeffrey S. (70,993); MOORE, Michael S. (64,003); PARKER, Wesley E. (60,673); RASKIN, Vladimir (62,771); STRAUSS, Ryan N. (68,392); YATES, Steven D. (42,242); SULLIVAN, Stephen G. (32,444)
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	22	-
IX-3	Claims	6	-
IX-4	Abstract	1	✓
IX-5	Drawings	9	-
IX-7	TOTAL	43	
	Accompanying Items	Paper document(s) attached	Electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
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	/Yuke Wang, Reg. No. 72,488/	
X-1-1	Name (LAST, First)	WANG, Yuke	
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	29 September 2017 (29.09.2017)
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	

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