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(56) **References Cited**

U.S. PATENT DOCUMENTS

7,785,995	B2	8/2010	Cody et al.	
8,053,301	B2	11/2011	Jaeger et al.	
8,492,208	B1	7/2013	Cohen et al.	
8,564,025	B2	10/2013	Bangsaruntip et al.	
8,574,981	B2	11/2013	Flachowsky et al.	
8,575,655	B2	11/2013	Bedell et al.	
8,633,573	B2	1/2014	Jain et al.	
8,962,400	B2	2/2015	Tsai et al.	
2006/0172495	A1	8/2006	Zhu et al.	
2007/0170507	A1*	7/2007	Zhu	H01L 21/84 257/347
2007/0205408	A1	9/2007	Damlencourt et al.	
2013/0175503	A1	7/2013	Cohen et al.	
2013/0285118	A1	10/2013	Majumdar et al.	
2015/0263093	A1	9/2015	Lee et al.	
2015/0340500	A1	11/2015	Brunco	
2016/0190303	A1*	6/2016	Liu	H01L 29/785 257/192

OTHER PUBLICATIONS

Lauer et al., "Complementary Metal-Oxide Silicon Having Silicon and Silicon Germanium Channels," U.S. Appl. No. 15/076,871, filed Mar. 22, 2016.

List of IBM Patents or Patent Applications Treated as Related, signed Mar. 15, 2016, 2 pages.

* cited by examiner