

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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**SAMSUNG ELECTRONICS CO., LTD, and**  
**SAMSUNG ELECTRONICS AMERICA, INC.,**

Petitioners,

v.

**CELLECT, LLC,**

Patent Owner

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Case IPR2020-00512

U.S. Patent No. 9,186,052

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**PETITIONER'S UPDATED EXHIBIT LIST**

### LIST OF EXHIBITS

Ex. 1001	U.S. Patent No. 9186,052 (“052”)
Ex. 1002	File History of U.S. Patent No. 9,186,052
Ex. 1003	File History of U.S. Patent No. 6,043,839
Ex. 1004	Declaration of Dr. Dean Neikirk (“Neikirk”)
Ex. 1005	WO Application Publication No. 95/34988 (“Swift”)
Ex. 1006	U.S. Patent No. 5,835,141 (“Ackland”)
Ex. 1007	U.S. Patent No. 5,919,130 (“Monroe”)
Ex. 1008	Reserved
Ex. 1009	U.S. Patent No. 4,700,219 (“Tanaka”)
Ex. 1010	Reserved
Ex. 1011	Reserved
Ex. 1012	Reserved
Ex. 1013	Reserved
Ex. 1014	Reserved
Ex. 1015	U.S. Patent No. 5,233,426 (“Suzuki”)
Ex. 1016	JP Unexamined Patent Publication No. S62-104075 (“Tanuma”)
Ex. 1017	Plaintiff Collect LLC’s Amended and Supplemental Objections and Responses to Defendants Samsung Electronics Co., Ltd., and Samsung Electronics America, Inc.’s Interrogatory No. 2
Ex. 1018 – Ex. 1025	Reserved
Ex. 1026	Declaration of Drago Gregov

Ex. 1027	U.S. Patent No. 5,903,706 (“Wakabayashi”)
Ex. 1028	File History of U.S. Patent No. 9,667,896
Ex. 1029	U.S. Patent No. 5,541,640 (“Larson”)
Ex. 1030	U.S. Patent No. 5,756,981 (“Roustaei”)
Ex. 1031	U.S. Patent No. 4,630,110 (“Cotton”)
Ex. 1032	European Patent Application Publication EP0610938 (“Crosetto”)
Ex. 1033	Ricquier, N., <i>et al.</i> , “CIVIS sensor: a flexible smart imager with programmable resolution,” Charge-Coupled Devices and Solid State Optical Sensors IV. Vol. 2172. International Society for Optics and Photonics, 1994. (“Ricquier SPIE”)
Ex. 1034	Reserved
Ex. 1035	Butler Affidavit (VISION VM5402 Camera Module Product Datasheet)
Ex. 1036	Mendis, S.K., <i>et al.</i> “Progress in CMOS active pixel image sensors,” in M.M. Blouke (Ed.), Charge-Coupled Devices and Solid State Optical Sensors IV, pp. 19-29, 1994; and Rachel Watters’ declaration (“Mendis”)
Ex. 1037	Dickinson, A., <i>et al.</i> , “Standard CMOS Active Pixel Image Sensors for Multimedia Applications,” Sixteenth Conference on Advanced Research in VLSI, Chapel Hill, North Carolina, March 27-29, pp. 214-224 (“Dickinson”)
Ex. 1038	Ricquier, N., <i>et al.</i> “CIVIS sensor: a flexible smart imager with programmable resolution,” Charge-Coupled Devices and Solid State Optical Sensors IV. Vol. 2172. International Society for Optics and Photonics, 1994. (“Ricquier”)
Ex. 1039	Reserved
Ex. 1040	Reserved
Ex. 1041	U.S. Patent Publication No. 2001/0010551 (“Dierickx”)
Ex. 1042	Hurwitz, <i>et al.</i> , “An 800K-Pixel Color CMOS Sensor For Consumer Still Cameras” (“Hurwitz”)
Ex. 1043	U.S. Patent No. 5,837,994 (“Stam”)

Ex. 1044	U.S. Patent No. 5,221,964 (“Chamberlain”)
Ex. 1045	Charles Hamilton, <i>A Guide to Printed Circuit Board Design</i> (1984) (“PCB Design”)
Ex. 1046	Hurwitz, et al., “An 800K-Pixel Color CMOS Sensor For Consumer Still Cameras” (“Hurwitz Cornell”)
Ex. 1047	Hurwitz, et al., “An 800K-Pixel Color CMOS Sensor For Consumer Still Cameras” (“Hurwitz SPIE”)
Ex. 1048	Fossum, E.R., “Active-pixel sensor challenge CDDs,” <i>Laser Focus World</i> 29(6), p. 83-87, June 1993 (“Fossum93”)
Ex. 1049- Ex. 1059	Reserved
Ex. 1060	“NASA’s Tiny Camera Has A Wide-Angle Future,” <i>Business Week</i> (March 6, 1995)
Ex. 1061- Ex. 1069	Reserved
Ex. 1070	Explanation of Multiple Petitions
Ex. 1071- Ex. 1084	Reserved
Ex. 1085	U.S. Patent No. 5,859,878 (“Phillips”)
Ex. 1086	Reply Declaration of Dr. Dean Neikirk (“Neikirk Reply”)
Ex. 1087	Reserved
Ex. 1088	Reserved
Ex. 1089	U.S. Patent No. 4,841,348 (“Shizukuishi”)
Ex. 1090	Renshaw, et al., “ASIC Image Sensors”; and G.P. Grenier’s declaration (“Renshaw”)
Ex. 1091	Reserved
Ex. 1092	Declaration of Crena Pacheco
Ex. 1093- Ex. 1096	Reserved
Ex. 1097	Petitioner’s Demonstratives

Dated: May 21, 2021

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**CERTIFICATE OF SERVICE**

The undersigned certifies that a copy of the foregoing PETITIONER'S  
UPDATED EXHIBIT LIST and EXHIBIT 1097 was served by filing this  
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well as providing a courtesy copy via electronic mail to the following attorneys of  
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