

**IN THE UNITED STATES DISTRICT COURT  
FOR THE WESTERN DISTRICT OF TEXAS  
WACO DIVISION**

**DEMARAY LLC,**

Plaintiff,

v.

**INTEL CORPORATION,**

Defendant.

**Case No. 6:20-cv-00634-ADA**

**JURY TRIAL DEMANDED**

**DEMARAY LLC,**

Plaintiff,

v.

**SAMSUNG ELECTRONICS CO., LTD (A  
KOREAN COMPANY), SAMSUNG  
ELECTRONICS AMERICA, INC.,  
SAMSUNG SEMICONDUCTOR, INC., and  
SAMSUNG AUSTIN SEMICONDUCTOR,  
LLC,**

Defendants.

**Case No. 6:20-cv-00636-ADA**

**JURY TRIAL DEMANDED**

**JOINT CLAIM CONSTRUCTION STATEMENT**

Pursuant to the Court's Order Governing Proceedings – Patent Case, Plaintiff Demaray LLC, Defendant Intel Corporation and Defendants Samsung Electronics Co., Ltd., Samsung Electronics America, Inc., Samsung Semiconductor, Inc., and Samsung Austin Semiconductor, LLC (collectively, "Defendants") respectfully submit this joint claim construction statement in the

above-captioned cases. The claim terms identified below are found in U.S. Patent Nos. 7,381,657 (the “657 Patent”) and 7,544,276 (the “276 Patent”).

## I. DISPUTED CONSTRUCTIONS

Claim Term	Proposed By	Plaintiff’s Proposal	Defendants’ Proposal
“Substrate”  (’657 Patent, cls. 1, 2, 7, 11; ’276 Patent, cls. 1, 2, 6, 10)	Defendants	Plain and ordinary meaning,  or “material that provides the surface on which something is deposited or inscribed, for example a silicon wafer used to manufacture integrated circuits”	“base support structure”  or “base support structure that provides the surface on which something is deposited, for example the entirety of a wafer and all layers on that wafer”
“A method of depositing a film on an insulating substrate, comprising” (’657 Patent, cl. 1)	Defendants	Preamble is not limiting	Preamble is limiting.  “insulating substrate” means “insulating [substrate]”
“Providing pulsed DC power”  (’657 Patent, cls. 1, 2, 11)	Defendants	Plain and ordinary meaning,  or “pulsed DC power” means “direct current power that oscillates between positive and negative voltages”	“providing DC power in the form of a square wave at a set frequency, reverse time, and amplitude”
“Pulsed DC power supply” (’276 Patent, cls. 1, 6)	Defendants	Plain and ordinary meaning,  or “supply for providing [pulsed DC power]”	“power supply, which provides DC power in the form of a square wave at a set frequency, reverse time, and amplitude”
“Narrow band rejection filter” (’657 Patent, cls. 1, 2, 20; ’276 Patent, cls. 1, 6)	Defendants	Plain and ordinary meaning,  or “filter which rejects a narrow band of frequencies”	“filter which rejects a narrow band of frequencies (but passes [substantially] all frequencies outside of the narrow band)”  or “filter that rejects a narrow band of frequencies centered on one RF bias frequency”
“Reconditioning the target”	Defendants	Plain and ordinary meaning,	“conditioning the target between depositions”

('657 Patent, cl. 1)		or “cleaning and conditioning the target”	
(a) “Metallic mode” (’657 Patent, cls. 1, 2)  (b) “Poison mode” (’657 Patent, cls. 1, 2)	Plaintiff	(a): “mode of operation in which the surface of the target is substantially metallic”  (b): “mode of operation in which the rate of the thin film formation on the surface of the target equals or exceeds the rate of sputter removal of the surface of the target”	Plain and ordinary meaning for each
“the temperature of the substrate substantially constant” (’657 Patent, cl. 7; ’276 Patent, cl. 10)	Defendants	Plain and ordinary meaning, or “substantially constant” means “within about 10°C”	“the substrate temperature to be within about 10 °C of the set temperature”

Dated: April 1, 2021

*/s/ C. Maclain Wells*

By: C. Maclain Wells

Richard D. Milvenan  
State Bar No. 14171800  
Travis C. Barton  
State Bar No. 00790276  
**MCGINNIS LOCHRIDGE LLP**  
600 Congress Ave., Suite 2100  
Austin, Texas 78701  
Telephone: (512) 495-6005  
Facsimile: (512) 505-6305  
[rmilvenan@mcginnislaw.com](mailto:rmilvenan@mcginnislaw.com)  
[tcbarton@mcginnislaw.com](mailto:tcbarton@mcginnislaw.com)

Morgan Chu (*pro hac vice*)  
Benjamin W. Hattenbach (*pro hac vice*)  
Annita Zhong (*pro hac vice*)  
C. Maclain Wells (*pro hac vice*)  
**IRELL & MANELLA LLP**  
1800 Avenue of the Stars, Suite 900  
Los Angeles, California 90067  
Telephone: (310) 277-1010  
Facsimile: (310) 203-7199

[mchu@irell.com](mailto:mchu@irell.com)  
[bhattenbach@irell.com](mailto:bhattenbach@irell.com)  
[azhong@irell.com](mailto:azhong@irell.com)  
[mwells@irell.com](mailto:mwells@irell.com)

Darish Huynh (*pro hac vice*)  
**IRELL & MANELLA LLP**  
840 Newport Center Drive, Suite 400  
Newport Beach, CA 92660  
Telephone: (949) 760-0991  
Facsimile: (949) 760-5200  
[dhuyh@irell.com](mailto:dhuyh@irell.com)  
*Attorneys for Demaray LLC*

Dated: April 1, 2021

By: /s/ Philip Ou

---

Brian C. Nash  
Texas Bar No. 24051103  
Brian.nash@pillsburylaw.com  
PILLSBURY WINTHROP SHAW  
PITTMAN LLP  
401 Congress Ave., Suite 1700  
Austin, Texas 78701-3797  
Phone: (512) 580-9629  
Fax: (512) 580-9601

Yar R. Chaikovsky  
yarchaikovsky@paulhastings.com  
Philip Ou  
philipou@paulhastings.com  
Allan M. Soobert  
allansoobert@paulhastings.com  
Joseph J. Rumpler, II  
josephrumpler@paulhastings.com  
PAUL HASTINGS LLP  
1117 S. California Avenue  
Palo Alto, California 94304-1106  
Telephone: 1(650) 320-1800  
Facsimile: 1(650) 320-1900

John M. Desmarais (*pro hac vice*)  
jdesmarais@desmaraisllp.com  
Yung-Hoon Ha (*pro hac vice*)  
yha@desmaraisllp.com  
Cosmin Maier (*pro hac vice*)  
cmaier@desmaraisllp.com  
Christian Dorman (*pro hac vice*)  
cdorman@desmaraisllp.com  
DESMARAIS LLP  
230 Park Avenue, 26<sup>th</sup> Floor  
New York, NY 10169  
Tel: (212) 351-3400  
Fax: (212) 351-3401

Attorney for Samsung Defendants

# Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

## Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

## Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

## Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

## API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

## LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

## FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

## E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.