

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

INTUITIVE SURGICAL, INC.,
Petitioner,

v.

ETHICON LLC,
Patent Owner

IPR2018-01254
U.S. Patent No. 8,479,969

PATENT OWNER ETHICON LLC'S SUR-REPLY

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37 C.F.R. § 42.2312, 14

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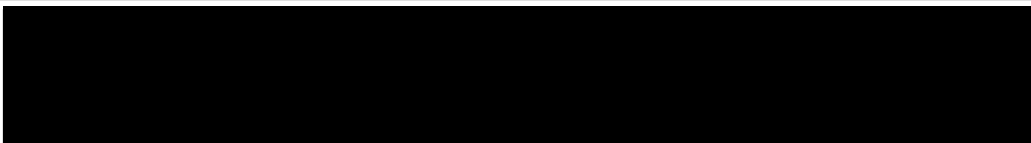
37 CFR § 42.6(a)(2)(iii)25

37 CFR § 42.825

37 CFR § 42.24(a)(1)(i)25

EXHIBIT LIST

| Exhibit # | Description |
|-----------|---|
| 2001 | Excerpts of a technology tutorial filed in <i>Ethicon v. Intuitive Surgical</i> , C.A. No. 1-17:cv-871 (LPS) (CJB) (D. Del. June 28, 2018) |
| 2002 | U.S. Patent No. 7,691,098 |
| 2003 | U.S. Patent No. 7,524,320 |
| 2004 | U.S. Patent No. 6,783,524 |
| 2005 | Declaration of Dr. Shorya Awtar |
| 2006 | [Reserved] |
| 2007 | [Reserved] |
| 2008 | [Reserved] |
| 2009 | Mucksavage et al., Differences in Grip Forces Among Various Robotic Instruments and da Vinci Surgical Platforms, <i>Journal Of Endourology</i> , Vol. 25, No. 3 (March 2011) |
| 2010 | [Reserved] |
| 2011 | Deposition Transcript of Bryan Knodel, IPR2018-01254, April 4, 2019 |
| 2012 | U.S. Patent No. 8,640,788 |
| 2013 | Order Invalidating the January 2018 Certificate of Correction Relating to U.S. Patent No. 8,479,969, <i>Ethicon v. Intuitive Surgical, Inc.</i> , C.A. No. 17-871 (D. Del. Feb. 11, 2019) |
| 2014 | WIPO Publication No. 2015/153642 A1 |
| 2015 | U.S. Patent No. 8,186,555 |
| 2016 | U.S. Patent No. 5,307,976 |
| 2017 | Hermann Mayer et al., Haptic Feedback in a Telepresence System for Endoscopic Heart Surgery, <i>Presence</i> , Vol. 16, No. 5, pp. 459-470 (October 2007). |
| 2018 | Allison M. Okamura, Haptic feedback in robot-assisted minimally invasive surgery, <i>Current Opinion in Urology</i> , 19:102-107 (2009). |

| Exhibit # | Description |
|-----------|---|
| 2019 | U.S. Patent Application Publication No. 2012/0209314 |
| 2020 | [Reserved] |
| 2021 | [Reserved] |
| 2022 | [Reserved] |
| 2023 | Defendants' Opening Claim Construction Brief, <i>Ethicon LLC et al. v. Intuitive Surgical Inc., et al.</i> , C.A. 17-871, D.I. 116 (D. Del. June 28, 2018) |
| 2024 | Defendants' Responsive Claim Construction Brief, <i>Ethicon LLC et al. v. Intuitive Surgical Inc., et al.</i> , C.A. 17-871, D.I. 127 (D. Del. Aug. 1, 2018) |
| 2025 | Deposition of Dr. Bryan Knodel in IPR2018-01247 and IPR2018-01254 (August 12, 2019) |
| 2026 |  |
| 2027 | Notice of Waiver of Appeal Regarding the Court's Order Invalidating the January 2018 Certificate of Correction Relating to U.S. Patent No. 8,479,969, C.A. 17-871, D.I. 311 (D. Del.) |

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