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| <b>INFORMATION DISCLOSURE STATEMENT</b><br><i>(Use as many sheets as necessary)</i> |   | Application Number       | In <i>Ex Parte</i> Reexamination of<br>U.S. Patent 10,021,380 |                           |        |
|                                                                                     |   | Filing Date              | Herewith                                                      |                           |        |
|                                                                                     |   | First Named Inventor     | Kenneth Martin Jacobs                                         |                           |        |
|                                                                                     |   | Art Unit                 | TBD                                                           |                           |        |
|                                                                                     |   | Examiner Name            | TBD                                                           |                           |        |
| Sheet                                                                               | 1 | of                       | 1                                                             | Attorney Docket<br>Number | VDP380 |

| U.S. PATENT DOCUMENTS |           |                                          |                  |                                                 |                                                                                    |
|-----------------------|-----------|------------------------------------------|------------------|-------------------------------------------------|------------------------------------------------------------------------------------|
| Examiner<br>Initials* | Cite No.1 | Document Number                          | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear |
|                       |           | Number-Kind Code <sup>2</sup> (if known) | MM-DD-YYYY       |                                                 |                                                                                    |
|                       | Ex. 1018  | 5,351,082                                | 09-27-1994       | Kasagi                                          |                                                                                    |
|                       | Ex. 1020  | 7,030,902 B2                             | 04-18-2006       | Jacobs                                          |                                                                                    |
|                       | Ex. 1021  | 2009/0184916 A1                          | 07-23-2009       | Miyazaki                                        |                                                                                    |
|                       | Ex. 1022  | 2002/0054241 A1                          | 05-09-2002       | Compton                                         |                                                                                    |

| FOREIGN PATENT DOCUMENTS |           |                                                     |                  |                                                 |                                                                                       |    |
|--------------------------|-----------|-----------------------------------------------------|------------------|-------------------------------------------------|---------------------------------------------------------------------------------------|----|
| Examiner<br>Initials*    | Cite No.1 | Foreign Patent Document                             | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns,<br>Lines, Where<br>Relevant Passages Or<br>Relevant Figures<br>Appear | T6 |
|                          |           | Country Code3 --Number 4 --Kind<br>Code5 (if known) | MM-DD-YYYY       |                                                 |                                                                                       |    |
|                          |           |                                                     |                  |                                                 |                                                                                       |    |

| NON-PATENT LITERATURE DOCUMENTS |                       |                                                                                                                                                                                                                                                                          |                                                                                    |
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| Examiner<br>Initials*           | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article<br>(when appropriate), title of the item (book, magazine, journal, serial,<br>symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher,<br>city and/or country where published. | Pages, Columns,<br>Lines, Where Relevant<br>Passages or Relevant<br>Figures Appear |
|                                 |                       |                                                                                                                                                                                                                                                                          |                                                                                    |
|                                 | Ex. 1019              | Yamada, Yuichiro, Proceedings IEEE 33rd Annual 1999<br>Int'l Carnahan Conf., 1999, pp. 440-445 ("Yamada")                                                                                                                                                                |                                                                                    |

|                       |                   |                    |            |
|-----------------------|-------------------|--------------------|------------|
| Examiner<br>Signature | /JAMES A MENELEE/ | Date<br>Considered | 01/13/2025 |
|-----------------------|-------------------|--------------------|------------|

\*EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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