1   UNITED STATES PATENT AND TRADEMARK OFFICE

2   BEFORE THE PATENT TRIAL AND APPEAL BOARD

3

     IPR2018-00766 (U.S. Patent No. 7,391,791)

4   IPR2018-00767 (U.S. Patent No. 8,942,252)

5 _____

6   DEPOSITION OF: ATIF HASHMI, PH.D. - MARCH 8, 2019

_____

7

             SONOS, INC.,

8

            Petitioner,

9

               v.

10

            IMPLICIT, LLC,

11

           Patent Owner.

12 _____

13

14   PURSUANT TO NOTICE AND AGREEMENT, the

15 DEPOSITION OF ATIF HASHMI, PH.D., was taken on behalf

16 of the Petitioner at 1475 California Street, Denver,

17 Colorado 80202, on March 8, 2019, at 9:33 a.m., before

18 Doreen Girdeen, Certified Realtime Reporter, Registered

19 Merit Reporter, and Notary Public within Colorado.

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 1                    A P P E A R A N C E S
 2

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     Also Present:               None
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1                    I N D E X
2                                              PAGE
    EXAMINATION OF ATIF HASHMI, PH.D.:
3   March 8, 2019
4   By Mr. Richter:                              5
    By Mr. Hurt:                               184
5
6                                           INITIAL
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7
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8
    Exhibit 2051      Source code that corresponds    91
9                     to the file speaker.c
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11
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13
    (Electronically marked.)
14
15  PREVIOUSLY MARKED DEPOSITION              INITIAL
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16
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19                   file avidemux.c.
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21
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22                   7,391,791
23  Exhibit 2082     Claim charts U.S. Patent No.            9
                     8,942,252
24
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1   I N D E X, Continued

2   INFORMATION REQUESTED:

                            (None)

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4   QUESTIONS INSTRUCTED NOT TO ANSWER:

                            (None)

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 1                    ATIF HASHMI, PH.D.,

 2    having been first duly sworn to state the whole truth,

 3    testified as follows:

 4                         EXAMINATION

 5    BY MR. RICHTER:

 6         Q.    Good morning, Dr. Hashmi.

 7               Could you please state and spell your full

 8    name for the record.

 9         A.    Yes.  My full name is Atif Hashmi.  A-t-i-f

10    H-a-s-h-m-i.

11         Q.    What's your home address?

12         A.    4974 Bridgepoint Place, Union City,

13    California.

14         Q.    How many times have you been deposed?

15         A.    Three times before.

16         Q.    And were those all patent cases?

17         A.    No.

18         Q.    How many patent cases have you been deposed

19    in?

20         A.    None.

21         Q.    Just generally, what was the nature of each

22    of those three cases in which you gave deposition

23    testimony?

24         A.    Source code analysis.

25         Q.    And that's source code analysis for all three
```

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