EXHIBIT 2 FILED UNDER SEAL

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Page 1
1
                UNITED STATES DISTRICT COURT
               NORTHERN DISTRICT OF CALIFORNIA
3
                     SAN JOSE DIVISION
4
    APPLE INC., a California
    corporation,
6
                 Plaintiff,
7
                                  CASE NO. 11-CV-01846-LHK
    VS.
8
    SAMSUNG ELECTRONICS CO., LTD.,
    A Korean business entity;
    SAMSUNG ELECTRONICS AMERICA,
10
    INC., a New York corporation;
    SAMSUNG TELECOMMUNICATIONS
11
    AMERICA, LLC, a Delaware
    limited liability company,
12
                 Defendants.
13
14
15
                    CONFIDENTIAL
16
             ATTORNEYS' EYES ONLY
17
                 OUTSIDE COUNSEL
18
19
        VIDEOTAPED DEPOSITION OF RAVIN BALAKRISHNAN, Ph.D.
20
                  SAN FRANCISCO, CALIFORNIA
21
                   TUESDAY, AUGUST 16, 2011
22
23
    BY: ANDREA M. IGNACIO HOWARD, CSR, RPR, CCRR, CLR
24
    CSR LICENSE NO. 9830
25
    JOB NO. 41176
```

- 1 you just sort of turn it.
- ² A This way?
- O Yeah.
- A Okay. It may be a little difficult. It just
- ⁵ flipped around and did something.
- 6 Q If you hold it --
- 7 A Touch sensor. So tell me how you want it,
- and then I'll -- I'll keep it that way and --
- 9 Q Hold it straight up like that, and then you
- ¹⁰ can --
- A All right. I'm gonna try and manipulate it,
- if I can.
- Q Okay. So what -- so what are -- so what are
- 14 we --
- A Let me just do this again.
- Q Okay. So you zoomed in on it first; right?
- So is it fair to say that your opinion -- for
- purposes of the gallery here, the -- the photograph
- has to be zoomed in on it?
- MR. MONACH: Object to the form of the
- question; incomplete hypothetical; inadequate
- opportunity to examine the device; vague.
- You can answer.
- THE WITNESS: In this particular example that
- ²⁵ I'm gonna walk you through is an infringing example, I

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did zoom in. But whether or not it has to be zoomed
    in, I need to spend a bit more time making sure
    whether it has to or not. I have not done that right
    now on this device.
            MR. JOHNSON:
                         Okay.
            THE WITNESS: So, on this device, I went
7
    through the -- the preamble. It's clearly a
    computer-implemented method. It has a device with a
    touchscreen display. It is displaying right now a
10
    first portion of an electronic document.
    electronic document here happens to be a photograph or
12
    an image, some kind of a picture of something.
13
            MR. JOHNSON: Q. Is the electronic doc --
14
    what -- what does an "electronic document" mean in the
15
    context of this patent?
16
            MR. MONACH: Object to form to the extent
17
    it's calling for a legal conclusion, but you can give
18
    your views on that.
19
            THE WITNESS: In the context of this patent,
20
    my understanding, having read the patent and the
21
    claims, is the electronic document is some visual
22
    representation on the screen that has a defined length
23
    and a width, as an example, or defined set of
24
    boundaries, because they may not have to be a
```

rectangular set of boundaries.

25

```
1
            MR. JOHNSON: Q. So can it -- it can be
2
    anything with a defined length and width?
3
            It could be any visually represented thing
    with a defined boundary. I'd rather use the word
5
    "boundaries," because length and width may connote a
6
    rectangular thing. It may not be a rectangle,
7
    necessarily.
8
            Okay. So an electronic document is anything
        0
    that can be visually represented with a defined
10
    boundary?
11
            MR. MONACH: Object to the form of the
12
    question; object as calling for a legal conclusion.
13
            THE WITNESS: In the context of this patent
14
    and the claims, reading the patent and the claims, I
15
    would (say) that would be a -- my definition of an
16
    electronic document would be something visually
    representable on the screen that -- that has a defined
17
18
    set of boundaries.
19
             MR. JOHNSON:
                           Okav.
20
            How about the next limitation?
         0
21
             Okay. So, as I said earlier, it's got a
         Α
22
    first portion of an electronic document. We already
23
    went through that.
24
            And -- and -- I'm sorry.
         0
25
        Α
            I'm sorry.
```

- Q What does "first portion" mean?
- MR. MONACH: I'm going to object to the form
- of the question to the extent it calls for a legal
- 4 conclusion.
- THE WITNESS: In -- in this particular
- example, I would say the first portion is the -- the
- portion of the image that we see displayed on the
- screen, which I don't know how to describe this --
- 9 MR. JOHNSON: Can you zoom in more on the
- screen, just so we see it better. Yeah, okay. That's
- 11 good. Thanks.
- THE WITNESS: Everything, including the
- 13 yellow blob in the middle and the blue stuff around
- ¹⁴ it.
- MR. JOHNSON: Q. So it's everything that's
- shown on the screen is the first portion?
- A Well, obviously, not this word "Samsung" and
- 18 things like that.
- 19 Q Yeah.
- 20 A The actual display, maybe if I -- without
- touching it, if I can sort of indicate, you see the
- bottom boundary there --
- Q Okay.
- A -- the top boundary, right boundary, and left
- boundary?

- more likely, he is -- he is more than ordinary skill
- 2 in the art.
- 3 Q Looking back at the Exhibit 21 and the -- the
- non-zoomed in image we were just talking about, when
- 5 the entire image is displayed, I think you -- you
- 6 testified that that was the first portion; right?
- A When the full image is on screen?
- 9 Yeah, just show it to the -- so the camera
- 9 can see it. That's the one I'm talking about.
- 10 A In -- in this example?
- 11 Q In that example, right.
- 12 A That would be a -- I guess, a first portion.
- 13 Q Right.
- 14 A Okay.
- Q So -- so a first portion can be the entire
- image; right?
- MR. MONACH: Object to the form of the
- question as calling for a legal conclusion.
- THE WITNESS: Yes, I would say so.
- MR. JOHNSON: Okay.
- Q Can the first portion and the electronic
- document, as described in the claims of the '381
- patent, be the same thing?
- MR. MONACH: Same objection; incomplete
- hypothetical.

```
Page 147
1
             THE WITNESS: I'm not sure I understand the
 2
    question.
                I'm sorry.
                              So -- so, in that example,
             MR. JOHNSON:
                           Ο.
    which has gone dark now, in that example, what's --
    what's the electronic document?
             MR. MONACH: Objection; incomplete
7
    hypothetical; lack of foundation; calling for a new
    opinion at the deposition.
             THE WITNESS: So I haven't thought about this
10
    in -- in great detail, but sitting here right now,
11
    looking at this, I would say the electronic document
12
    would be the -- this image that's shown on the screen,
13
    with the boundaries being the -- the edges of that
    image, as I've just, kind of, outlined here.
15
            MR. JOHNSON: All right.
16
            And -- and for an electronic document, you
17
    can have --
18
            Sorry. I'll keep my finger on here so it
        A
19
    doesn't go away.
20
            Under your understanding of an electronic
21
    document, an electronic document can have an internal
22
    boundary; right?
23
            MR. MONACH: Object to the form of the
24
    question as misstating the prior testimony and vaque.
25
    Object as calling for a legal conclusion and a new
```

```
Page 148
1
    opinion.
2
            THE WITNESS: (I) don't think (I) talked (about)
3
    internal boundary at all.
4
            MR. JOHNSON: Okay.
5
        O
            Can an electronic document have an internal
6
    boundary?
7
            MR. MONACH: Object.
8
            MR. JOHNSON: We talked about it in the
9
    context of the contacts on the Tab 7 that had the --
10
    the list of names.
11
            MR. MONACH: Object to the form of the
12
    question as vaque, misstating the prior testimony.
13
            MR. JOHNSON: Q. So do you understand my
14
    question?
15
            I -- I'm not 100 percent sure, because the
16
    word "internal boundary" [ don't think, has come up
17
    yet, and if I look at the con- -- if I go back to the
18
    contacts (list) discussions, if (I) recall correctly this
19
    morning, the only thing that when we talked about the
20
    boundary of the contact list, I mean, there's the
21
    application (that has more decorations around (it,
22
    but -- so it -- you know, maybe you can be more
23
    specific about what you mean by -- when you say
24
    "internal boundary."
25
        Q
            Okay. So if we -- you can put that one down
```

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Page 149
1
    and pick up the tab -- this is Tab 7.
2
        A
            Okay.
3
        0
            And (if) you go to the contacts --
        A
            Yes, I'm at the contacts.
5
        Q
            -- location, right.
6
            If you -- so my question is: I think earlier
7
    you said, use a pen, if you want to use a pen, can you
8
    draw -- just can you just sort of show the camera what
9
    the electronic document is in that context?
10
            MR. MONACH: Object to the form of the
11
    question; calls for a legal conclusion, incomplete
12
    hypothetical; asking for a new opinion.
13
            THE WITNESS: Okay. Let me just refresh
14
    myself on what this thing does here.
15
            So I think I -- I believe I testified that
16
    the electronic document -- this would be a portion of
17
    the electronic document, because the entirety is not
18
    shown. It's will be this, this stuff that's displayed
19
    in this rectangular column, and right now it's showing
20
    me a partial --
21
            MR. JOHNSON: Yeah.
22
            THE WITNESS: -- amount.
23
            MR. JOHNSON: Q. So there -- there are
24
    pieces above the F and below the T?
25
        A
            There --
```

```
Page 150
1
            MR. MONACH: Object to form.
2
            MR. JOHNSON: Q. Or maybe not below it.
3
            Yeah, there is stuff above the F and below
        A
    the T, yes.
5
        0
            Okay. So all I was asking was, you can have
6
    an electronic document (that has an internal boundary)
7
    within a screen; right?
8
            MR. MONACH: Object to the form of the
9
    question as vaque. Objection; calls for a legal
10
    conclusion.
11
            THE WITNESS: So I -- I'm not -- again, I'm
12
    still not sure what you mean by "internal." (It --
13
            MR. JOHNSON: I'm --
14
            THE WITNESS: Are you saying that this is the
15
    boundary of the electronic document?
16
            MR. JOHNSON: Yeah.
17
        Q
            I just meant that that's internal because
18
    it's -- it's located within the middle of the screen?
19
            So (in) that (-- that boundary doesn't) match the
        A
20
    edge of the screen --
21
        0
            Exactly.
22
        A
            -- (is what you're -- (is that what you're
23
    saying?
24
            Exactly.
        O
25
        A
            Sure, the boundary of the document doesn't
```

```
Page 151
1
    have to align with the screen.
2
            So you can have -- you can have the edge of
3
    the boundary be something other than the edge of the
    screen?
5
            MR. MONACH: Objection; vaque.
            MR. JOHNSON: I think we're saying the same
7
            I'm just -- (I'm really bad with trying to --)
    thing.
8
            I want to make sure I say the right thing
        A
    with my understanding of what you're saying, too.
10
        O
            So all I'm saying is, under your view of an
11
    electronic document, an electronic document can have a
12
    boundary that is internal to the screen or, you know,
13
    doesn't have to be at the edge of the screen --
14
            MR. MONACH: Objection; form.
15
            MR. JOHNSON: Q. -- right?
16
            MR. MONACH: Objection; calling for a legal
17
    conclusion; asked and answered.
18
            You can do it again.
19
            THE WITNESS: So as I answered earlier, and
20
    my opinion is that the boundary of the electronic
21
    document, in this case, this -- this edge is one
22
    boundary of it, does not have to match the edge of the
23
    screen, yes.
24
            MR. JOHNSON: Okay.
25
            So just, during the lunch, I had the guys
        Q
```

```
Page 152
1
    just print up a sheet of paper with some squares on it
2
    for me. So if you imagine, sir, that the -- the
3
    quadrants (that are labeled 1 to 36 on here are the
4
    entire -- that's this -- that's the screen of the
5
    display.
6
           So the whole -- the big rectangular is the
        A
7
    screen?
8
        Right.
        A
            Okav.
10
        O
            So you can have an electronic document that
11
    consists of smaller grids within the screen; right?
12
            MR. MONACH: Object to the form of the
13
    question; calling (for a legal conclusion; incomplete)
14
    hypothetical; asking for a new opinion.
15
            THE WITNESS: It would depend on what one
16
    considers to be the electronic document. (It could be
17
    one of these, let me call it sub rectangles that you
18
    can (label) with numbers. (It could be some combination
19
    of them. It --
20
            MR. JOHNSON: Right.
21
            THE WITNESS: -- really depends on -- depends
22
    on how, you know, you want to put the boundary around
23
    it.
24
            MR. JOHNSON: Q. So you could draw a
25
    boundary, hypothetically, around squares 15, 16, 17,
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```
Page 153
1
    18, 21 and 22, 23 and 24?
2
            Say -- sorry. 15, 16, 17, 18, 21?
        A
3
        0
            22, 23, and 24.
        A
            So kind of like this?
5
        O
            Yeah, go ahead and draw it.
6
            MR. MONACH: Object to the -- object to the
7
    form of the question as vague and ambiguous;
8
    incomplete hypothetical.
9
            MR. JOHNSON: Q. Make it a little more
10
    noticeable for me.
11
        A
            We've got black lines around it.
12
        O
            Yeah, okay.
13
            So that could be an electronic document;
14
    right?
15
        A
            Depend --
16
            MR. MONACH: Same objection.
17
            THE WITNESS: Sorry. I jumped in there.
18
            Depending on the context, depending on the
19
    application, it could be.
20
            MR. JOHNSON: Okay.
21
            THE WITNESS: Or some other collection.
22
            MR. JOHNSON: Q. It's not limited to that;
23
    right?
24
        A
            I would not say it's limited.
25
        O
            So it could be also a -- a six-by-six grid or
```

```
Page 154
1
    a two-by-two grid?
2
            MR. MONACH: Same --
3
            MR. JOHNSON: Q. -- or even a three-by-three
    grid, I quess --
5
            MR. MONACH: Same objection.
            MR. JOHNSON: Q. -- right?
7
            MR. MONACH: Vaque and ambiguous; incomplete
8
    hypothetical.
            THE WITNESS: Again, it would depend on the
10
    def- (--) you know, how (--) whoever is being the
11
    application, what they consider to be the document --
12
    to be the extent of the document, yes.
13
            MR. JOHNSON: Q. Under your view, though, it
14
    could be those, those grids; right?
15
            MR. MONACH: Objection; same objection as
16
    before. Also, misstates the prior testimony.
17
            THE WITNESS: Depending on the context, it --
18
    it could take on different forms.
19
            MR. JOHNSON: Okay.
20
        0
            Does the grid need to be a rectangle?
21
            MR. MONACH: Same objection.
22
            MR. JOHNSON: Strike it. Let me ask it
23
    again.
24
            Does -- would the grid need to be a rectangle
        O
25
    in order (for it) to be an electronic document?
```

```
Page 155
1
            MR. MONACH: Same objection.
2
            THE WITNESS: Well, I think the electronic
3
    document doesn't have to be anything to do with the
4
    grid. It --
5
            MR. JOHNSON: Okay.
6
            THE WITNESS: -- it's any visual thing with
7
    defined boundaries --
8
            MR. JOHNSON: So -- so it --
            THE WITNESS: -- by my definition of it.
10
            MR. JOHNSON: Q. Could -- if you -- if you
11
    drew lines around squares one, two, and eight, for
12
    example --
13
        A
            One, two, and eight. So this kind of, I
14
    quess, inverted L?
15
        0
            Yeah.
16
            Could that be an electronic document?
17
            MR. MONACH: Objection; vaque; incomplete
18
    hypothetical; calling for a legal conclusion and a new
19
    opinion.
20
            THE WITNESS: So to the extent that I haven't
21
    considered this, this style of odd-shaped documents
22
    prior to coming here today, just thinking on the fly
23
    here, a -- based on my understanding of, you know,
24
    boundaries, that wouldn't -- would satisfy the notion
25
    of a boundary, again, depending on the context of the
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```
Page 156
1
    application and what a document means in that context.
2
            MR. JOHNSON: Q. If -- going back to the
3
    original two-by-four rectangle of 15, 16, 17, 18, 21,
4
    22, 23, 24, if you look at that, is it fair to say
5
    that this line right here is an edge of the electronic
6
    document?
7
            The line --
        A
8
            MR. MONACH: Object.
            Hang on a second.
10
            THE WITNESS: I'm sorry.
11
            MR. MONACH: Objection; vaque and ambiguous;
12
    incomplete hypothetical; calling for a legal
13
    conclusion and a new opinion.
14
            THE WITNESS: So, again, I haven't considered
15
    this prior to this, you putting this in front of me.
16
            Thinking on the fly here, so you're saying
17
    this line -- the vertical line between --
18
            MR. JOHNSON: Since the witness is pointing,
19
    I just want to make sure you get what he's pointing
20
    to.
21
            Yeah.
22
            THE WITNESS: The vertical line between 14
23
    and 15, and 20 and 21, here, this --
24
            That -- that's right, yeah.
        0
25
        A
            -- line.
```

```
Page 157
1
            Given this hypothetical scenario, where
2
    you're saying the -- this two -- I'm sorry --
3
    two-by-four grid of elements -- rectangle is an
    electronic document in this hypothetical scenario,
5
    that would be indeed, I guess, one boundary one
6
    edge --
7
        O
            Okay.
8
        A
            -- of that.
        O
            So let's just label that "edge" for me, just
10
    so I can keep track of it after the deposition.
11
    Just --
12
        A
            What do you want me to call it?
13
        0
            Just call (it "edge," and then maybe put (it)
14
    down at the bottom and draw an arrow down to the line,
15
    or something.
16
        A
            Like this?
17
        O
            Yeah.
18
        A
            Okay.
19
            Okay. And then, is it fair to say that
        O
20
    the -- the Blocks (14) and (20) are an area beyond
21
    the edge --
22
            MR. MONACH: Same --
23
            MR. JOHNSON: Q. -- of the electronic
24
    document?
25
            MR. MONACH: Same objection.
```

```
Page 158
1
            THE WITNESS: So, again, considering this for
2
    the first time here, I haven't thought this in detail,
3
    if, in this hypothetical scenario, the document is
4
    this two-by-four grid, labelled 15, 16, 17, 18, 21,
5
    22, 23, 24, if that is the document, then anything
6
    beyond that edge would be an area outside the document
7
    beyond the edge of the document.
8
            So given those hypotheticals, area 14 and 20
9
    would be beyond the edge of the document, given that
10
    scenario.
11
            MR. JOHNSON: Okay.
12
            So can you just label that "beyond the edge"?
        Q
13
        A
            How -- just label each one of these?
14
            Yeah, or just draw -- however you want.
        O
15
        A
            Well, we're getting a lot of drawings on this
16
    thing, so I don't know. "Beyond."
17
            Speaking of which, let me just mark the --
        Q
18
    the grid as Exhibit 104.
19
            Put it on the bottom?
        A
20
        O
            Thanks.
21
            (Phone marked Balakrishnan Exhibit 104)
22
             for identification.)
23
            MR. JOHNSON: Q. Can you look at the Galaxy
24
    Tab, which is Exhibit 101, and pull up for me the
25
    contacts application.
```

- A Okay.
- Q And I noticed, in your declaration, you did
- 3 not include this particular application on -- as one
- 4 that infringes the '381 patent, so the question is:
- Why? Why not?
- 6 MR. MONACH: Object to the form of the
- question, and if -- if your answer would -- I'll
- instruct the witness not to disclose any
- 9 communications with counsel, other than facts and
- assumptions that he relied on in forming his opinion.
- THE WITNESS: So, at the time of writing the
- report, I was, as I testified earlier, the -- the -- I
- was -- I was told that Apple was alleging these four
- devices and the particular applications, and they
- were -- as far as I know, were not alleging the
- contacts list on the Galaxy Tab 10.1, so I did not
- analyze that in great detail.
- So if you want me to go through this right
- now, I'm happy to walk you through this and see which
- portions of the claims I'm having -- which are not, if
- you want me to do that.
- MR. JOHNSON: Q. So you haven't -- you
- haven't done that analysis before today?
- A I haven't done it in detail sufficiently,
- just talk about it right off the cuff, without walking

- ¹ through.
- Q Okay. So when -- when Apple gave you the
- 3 roadmap to look at what was allegedly infringing,
- 4 contacts in the Galaxy tab wasn't included?
- MR. MONACH: Object to form.
- THE WITNESS: I -- yes, the -- the contacts
- on the Galaxy Tab was not one of those I was -- it was
- 8 not one of those that I was told was being alleged to
- 9 infringe.
- MR. JOHNSON: Okay.
- Q So take a look at contacts in the Galaxy Tab
- and -- and now that you have it, tell me --
- A Sorry. It just keeps flipping. If you give
- 14 me a second here.
- Q -- why it doesn't infringe.
- MR. MONACH: Object to the form of the
- question.
- THE WITNESS: Okay, so I'm just gonna walk
- through the claims here and try to match it up and
- tell you where -- where it matches and where it
- doesn't match, if that's okay.
- So the Galaxy tab, as we've gone through it
- before, has a complete computer-implemented method
- that's in the preamble, compromising a device with a
- touchscreen display. So we've already established

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Page 161
    that the device has a touchscreen display. It -- it
 2
    clearly displays a first portion of an electronic
    document in this example right here that I've got.
     I've got an electronic document, which is this
     contacts list.
             MR. JOHNSON: Q. Would you mind just showing
7
     the camera.
         Α
             So I'm walking through this, too, so --
            Yeah, that's fine.
         0
10
         Α
            -- I may have to go back and forth.
11
            Yeah, that's fine.
         Q
12
         Α
             So you got it --
13
        0
            So where -- where is the electronic document
14
    there?
15
        A
            Okay.
16
            MR. MONACH: Hang on a second.
17
            THE WITNESS: Sorry.
18
            MR. MONACH: Object to the form of the
19
    question; calling for a legal conclusion; asking for a
20
    new opinion at the deposition; and vaque and
21
    ambiquous.
22
            THE WITNESS: So, again, I'm doing this on
23
    the fly. I haven't -- haven't thought about this in
24
    great detail before.
25
            So the electronic document here is this list
```

```
Page 162
1
    of -- of contact information on, you know, Big Bird,
2
    Genie, Playhouse, and so forth; and what's shown on
3
    the display (right) now, the -- the electronic document
    is -- well, it just stopped here. It has -- starts
5
    with the elements that, starting with a B, all the way
6
    down to Tommy Bahama at the bottom, so that would be
7
    the -- the first por- -- the portion of the electronic
8
    document.
            MR. JOHNSON: Okav.
10
            THE WITNESS: Not the entirety. Clearly
11
    there's more stuff.
12
            MR. JOHNSON: Okay.
13
            THE WITNESS: There appears to be more stuff
14
    on the two -- beyond the two edge -- boundaries.
15
            MR. JOHNSON: Okay.
16
            But the area to the right of the edge is not
        O
17
    part of the electronic document?
18
            MR. MONACH: Same objection.
19
            THE WITNESS: So --
20
            MR. JOHNSON: Q. So this, this area right
21
    over here, is not part of the electronic document?
22
            MR. MONACH: Same objection.
23
            THE WITNESS: So in this example
24
    application -- in this application, looking at it just
25
    right now at this deposition, I would say the
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- electronic document does not include the -- the area
- 2 right here.
- MR. JOHNSON: Okay.
- Q Okay. How about the next limitation?
- ⁵ A Okay. So I think I already said first
- 6 portion of the electronic document.
- The next limitation, detecting a movement of
- an object on any other touchscreen display. So,
- again, I'm gonna put my finger down, which would be
- the object, and it's on or near -- it clearly detects
- movement of the object on or near the touchscreen
- display.
- In response to -- then, the next element
- would be "In response to detecting the movement,
- translating the electronic document displayed on the
- touchscreen display in a first direction to display a
- second portion of the electronic document, wherein the
- secret portion is different from the first portion."
- So let me go back to where I was here. I
- think it was something like that, with a B, I think it
- had Tommy Bahama on the bottom there. That's where I
- was before. So I'm gonna put my finger down, which is
- the movement, and I'm gonna move it down a little bit,
- and that would give me the -- translating the
- electronic document in a first direction display a

- 1 second portion, where the second portion is different.
- So the second portion here now has an A on
- the top part of the portion that's displayed on the
- screen, and on the bottom, instead of Tommy Bahama on
- 5 the -- the first portion now has Missy, Missy
- ⁶ Buttersworth at the bottom, so that's a different
- portion of the document.
- 8 So now we can go on. So it says, in
- 9 response -- the next element says -- of the claim says
- "In response to an edge of the electronic document
- being reached, while translating the electronic
- document in the first direction, so while the doc --
- 13 while the object is still detected on or near the
- touchscreen display, displaying an area beyond the
- edge of the document."
- So I'm gonna continue moving, and now I see
- that it stops. The document there got the As in it
- 18 stops at the word "14 contacts" that is part of the
- document. It stops there. It doesn't go -- it
- doesn't seem to go beyond the edge, so it doesn't seem
- to meet this thing of going beyond the edge and
- displaying an area beyond the edge of that document.
- And so that -- I don't know what the number
- of this element is, but that -- that part of the claim
- is not -- it doesn't appear to be met in this

Page 337 1 CERTIFICATE OF REPORTER 3 I, ANDREA M. IGNACIO HOWARD, hereby certify 6 that the witness in the foregoing deposition was by me 7 duly sworn to tell the truth, the whole truth, and 8 nothing but the truth in the within-entitled cause; 9 10 That said deposition was taken in shorthand 11 by me, a Certified Shorthand Reporter of the State of 12 California, and was thereafter transcribed into 13 typewriting, and that the foregoing transcript 14 constitutes a full, true and correct report of said 15 deposition and of the proceedings which took place; 16 17 That I am a disinterested person to the said 18 action. 19 20 IN WITNESS WHEREOF, I have hereunto set my 21 hand this 17th day of August, 2011. 22 23 24 ANDREA M. IGNACIO HOWARD, RPR, CCRR, CLR, CSR No. 9830 25