UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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GOOGLE INC., MOTOROLA MOBILITY LLC, and
SAMSUNG ELECTRONICS CO., LTD.,
Petitioners,

v.

ARENDI S.A.R.L.,
Patent Owner.

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Case IPR2014-00452[1]
Patent 6,323,853 B1

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Before MICHAEL R. ZECHER, NEIL T. POWELL, and
KEVIN W. CHERRY, *Administrative Patent Judges.*

POWELL, *Administrative Patent Judge.*

FINAL WRITTEN DECISION
35 U.S.C. § 318(a) and 37 C.F.R. § 42.73

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[1] Case IPR2014-01518 has been joined with this proceeding.

I. INTRODUCTION

Petitioners Google Inc. ("Google") and Motorola Mobility LLC ("Motorola") filed a Petition requesting *inter partes* review of claims 1–79 of U.S. Patent No. 6,323,853 B1 ("the '853 patent"). IPR2014-00452, Paper 1 ("Pet."). On August 20, 2014, we instituted an *inter partes* review of claims 1–79 based on certain grounds presented in the Petition. IPR2014-00452, Paper 10 ("Dec. to Inst."). On November 3, 2014, Patent Owner, Arendi S.A.R.L., filed its Patent Owner Response. IPR2014-00452, Paper 17 ("PO Resp."). On February 3, 2015, Google and Motorola filed a Reply. IPR2014-00452, Paper 23 ("Pet. Reply").

Samsung Electronics Co., Ltd. ("Samsung") filed a second Petition for *inter partes* review of claims 1–79 of the '853 patent. IPR2014-01518, Paper 1. The second Petition challenged claims 1–79 on the same grounds as those for which we instituted trial in IPR2014-00452. Concurrent with the second Petition, Samsung filed a motion to join IPR2014-01518 with IPR2014-00452. IPR2014-01518, Paper 3. On March 18, 2015, we instituted an *inter partes* review with respect to all challenges raised in the second Petition, joined IPR2014-01518 with IPR2014-00452, and terminated IPR2014-01518. IPR2014-01518, Paper 10; IPR2014-00452, Paper 26.[2]

An oral hearing was held on April 21, 2015. A transcript of the oral hearing is included in the record. Paper 30 ("Tr.").

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[2] From this point forward, all references to "Petitioners" refer to Google, Motorola, and Samsung. Additionally, from this point forward, all references to papers and exhibits refer to the documents filed in IPR2014-00452.

We have jurisdiction under 35 U.S.C. § 6(b). This Final Written Decision is issued pursuant to 35 U.S.C. § 318(a) and 37 C.F.R. § 42.73. For the reasons that follow, we determine that Petitioners have shown, by a preponderance of the evidence, that claims 1–79 of the '853 patent are unpatentable.

A.   *Related Proceedings*

The '853 patent has been asserted in several district court cases in the U.S. District Court for the District of Delaware, including *Arendi S.A.R.L. v. Motorola Mobility LLC*, Case No. 1-12-cv-01601; *Arendi S.A.R.L. v. Google Inc.*, Case No. 1-13-cv-00919; and *Arendi S.A.R.L. v. Samsung Electronics Co. Ltd.*, Case No. 1-12-cv-01598. Pet. 1; *see* Paper 6, 2–3. Additionally, other patents related to the '853 patent have been the subject of petitions for *inter partes* review in other cases, including IPR2014-00203, IPR2014-00206, IPR2014-00207, IPR2014-00208, IPR2014-00214, and IPR2014-00450. Paper 6, 3.

B.   *The '853 Patent (Ex. 1001)*

The '853 patent discloses a method, system, and computer readable medium that provide a function of searching a database or file for information corresponding to text in a program, such as a word processor. Ex. 1001, Abstract. If the database or file includes the corresponding information searched for, the information is displayed and possibly inserted into the word processor. *Id.* The '853 patent discusses an example of this function in connection with Figures 3 and 4. *Id.* at col. 5, l. 60–col. 6, l. 2.
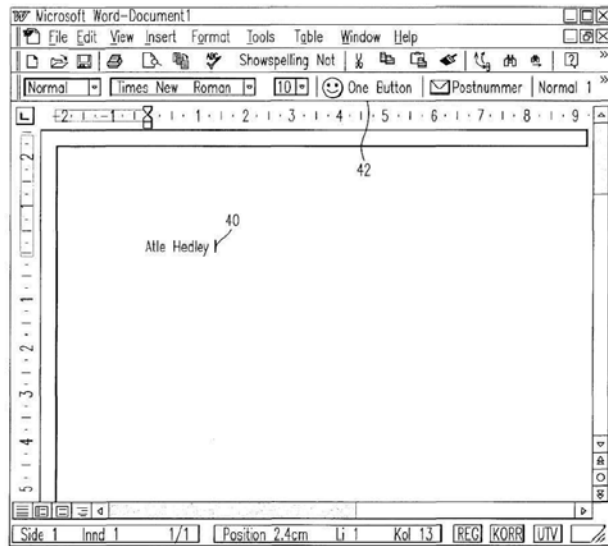
Figure 3 is reproduced below.

FIG. 3

Figure 3 shows a word processor document in which a user has typed name 40. *Id.* at col. 5, ll. 60–62. When the user hits button 42, the program according to the '853 patent retrieves name 40 from the document and then searches for name 40 in a database. *Id.* at col. 5, ll. 62–65. As a result of this search, the program retrieves address 44, which is associated with name 40, and inserts address 44 in the document, as shown in Figure 4, reproduced below. *See id.* at col. 5, ll. 65–67.
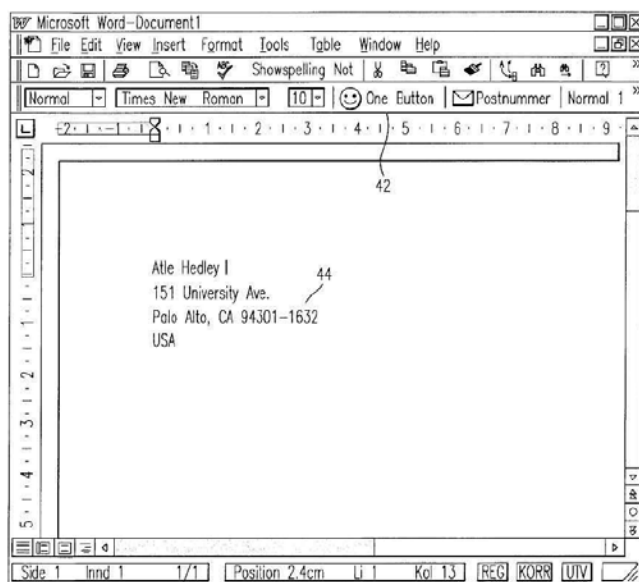

FIG. 4

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Figure 4 shows the word processor document of Figure 3 with address 44 inserted. *See id.* The '853 patent discusses its process in greater detail in connection with Figure 1a, reproduced below. *Id.* at col. 4, l. 22–col. 5, l. 57.
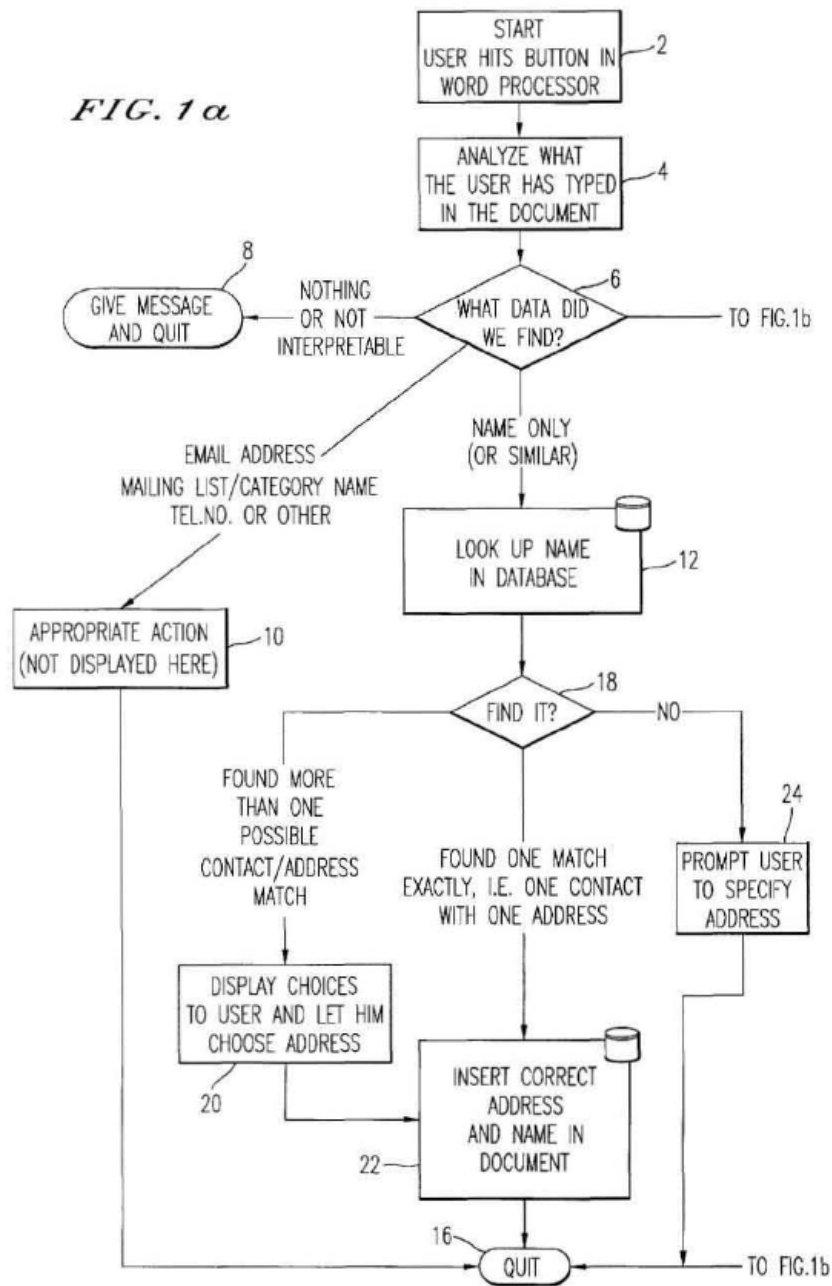

FIG. 1a

Figure 1a shows a flow chart illustrating a method according to the '853 patent. *Id.* at col. 2, ll. 38–40. At step 2, the user initiates the

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