Nissan North America Inc. (Petitioner)

V.

Joao Control & Monitoring Systems, LLC (Patent Owner)

Case IPR2015-01508 / U.S. Patent No. 6,542,076 Case IPR2015-01585 / U.S. Patent No. 5,917,405 Case IPR2015-01645 / U.S. Patent No. 7,397,363

Petitioner's Demonstratives

Thursday, October 20, 2016

1:00 PM, Courtroom A

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Petitioner Nissan North America, Inc. - Exhibit 1019 - Page 1

(12) United States Patent US 6,542,076 B1 (10) Patent No.: (45) Date of Patent: Joao *Apr. 1, 2003 United States Patent [19] 5,917,405 [11] Patent Number: CONTROL, MONITORING AND/OR [45] Date of Patent: Joao SECURITY APPARATUS AND METHOD (12) United States Patent (76) Inventor: Raymond Anthony Joao, 122 Bellevue [54] CONTROL APPARATUS AND METHODS Joao Pl., Yonkers, NY (US) 10703 FOR VEHICLES (*) Notice: Subject to any disclaimer, the term of this [76] Inventor: Raymond Anthony Joao, 122 Belle patent is extended or adjusted under 35 (54) CONTROL AND/OR MONITORING U.S.C. 154(b) by 0 days. Pl., Yonkers, N.Y. 10703 APPARATUS AND METHOD This patent is subject to a terminal dis- [+] Notice: This patent issued on a continued p (76) Inventor: Raymond Anthony Joao, 122 Bellevue ecution application filed under 37 (Pl., Yonkers, NY (US) 10703 1.53(d), and is subject to the twenty (21) Appl. No.: 09/551,365 patent term provisions of 35 U.S (*) Notice: Subject to any disclaimer, the term of this (22) Filed: Apr. 17, 2000 154(a)(2). patent is extended or adjusted under 35 U.S.C. 154(b) by 237 days. Related U.S. Application Data [21] Appl. No.: 08/683,828 This patent is subject to a terminal dis-Continuation in part of application No. 09/277,935, filed on [22] Filed: Jul. 18, 1996 claimer. Mar. 29, 1999, which is a continuation of application No. 08/683,828, filed on Jul. 18, 1996, now Pat. No. 5,917,405. (21) Appl. No.: 10/244,334 and a continuation-in-part of application No. 08/622,749, filed on Mar. 27, 1996, now abandoned, and a continuation Related U.S. Application Data in-part of application No. 08/587,628, filed on Jan. 17, 1996, (22) Filed: Sep. 16, 2002 Continuation-in-part of application No. 08/622,749, 27, 1996, and application No. 08/587,628, Jan. 17, 1 now abandoned, which is a continuation of application No. 08/489,238, filed on Jun. 12, 1995, now Pat. No. 5,513,244. which is a continuation of application No. 08/073,755, filed on Jun. 8, 1993, now abandoned. **Prior Publication Data** abandoned, which is a continuation of application 08/489,238, Jun. 12, 1995, Pat. No. 5,513,244, which Provisional application No. 60/187,735, filed on Mar. 8. US 2003/0016130 A1 Jan. 23, 2003 continuation of application No. 08/073,755, Jun. 8, 1 2000, and provisional application No. 60/190,379, filed on Related U.S. Application Data Int. Cl.º B60R 25 (51) Int. Cl.7 G08B 1/08 Continuation-in-part of application No. 09/551,365, 340/426; 340/425.5; 340/825 (52) U.S. Cl. 340/539; 340/425.5; 340/426; [52] U.S. Cl. filed on Apr. 17, 2000, now Pat. No. 6,542,076, which 701/36; 307/10.2; 342/457; 455 340/540; 307/10.2 is a continuation-in-part of application No. 09/277, 340/425.5, 426, [58] Field of Search 342/457; 340/4 935, filed on Mar. 29, 1999, now Pat. No. 6,549,130, 340/428, 429, 430, 539, 825.2, 825.32 340/825.34, 825.32, 825.36, 825.37, 825 which is a continuation of application No. 08/683,828, 825.34, 825.37, 825.69; 307/10.2, 10.3; 425.5; 370/352, 389; 307/10.2; 455/ filed on Jul. 18, 1996, now Pat. No. 5,917,405, which is 342/357.03, 357.07, 357.09, 457; 701/1. 180/287; 701/33 a continuation-in-part of application No. 08/622,749, filed on Mar. 27, 1996, now abandoned, said applica-[56] References Cited References Cited tion No. 09/551,365. Provisional application No. 60/187,735, filed on Mar. U.S. PATENT DOCUMENTS U.S. PATENT DOCUMENTS 8, 2000, provisional application No. 60/190,379, filed 4,882,579 A 11/1989 Siwiak 4,882,579 11/1989 Siwiak on Mar. 17, 2000. 4.882.746 A 11/1989 Shimada 4.882.746 11/1989 Shimada 5,003,317 3/1991 Gray et al. . (51) Int. Cl. 7/1991 Kamimura et al. 5.031.103 G08B 1/08 5,081,667 1/1992 Drori et al. U.S. Cl. 340/539.11: 340/539.13: 340/425.5; 340/426.17; 340/428; 307/10.2 (58) Field of Classification Search ... 340/426.13. 340/426.16, 426.17, 426.18, 539.11, 539.14, 340/428, 429, 430; 307/10.2, 10.3; 701/1, 701/36; 709/218

*Jun. 29, 1999

(10) Patent No.:

FR

US 7,397,363 B2

(45) Date of Patent:

*Jul. 8, 2008

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(Continued)

Primary Examiner-Van T. Trieu (74) Attorney, Agent, or Firm-Raymond A. Joao, Esq.

ABSTRACT

An apparatus including a first device which generates and/or transmits a first signal and which is associated with a web site and located remote from a premises or vehicle. The first signal is transmitted in response to a second signal transmitted from a second device located remote from the first device and remote from the premises or vehicle. The first device determines whether an action or an operation associated with the second signal is authorized or allowed and, if so, transmits the first signal to a third device located at the premises. The second signal is transmitted via the Internet and/or the World Wide Web. The third device generates and/or transmits a third signal for activating, de-activating, disabling, re-enabling, and/or controlling an operation of, a system, device, equipment, equipment system, component, and appliance, of the premises or vehicle.

88 Claims, 20 Drawing Sheets

Ex. 1001.

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See application file for complete search history.

^{*} Where a Paper or Exhibit is present in all three IPRs, citation will be to IPR2015-01508

1) '076 and '405 Patents - Frossard

Claims – '076 Patent	Prior Art
3 , 20, 73 , 103, and 205	Frossard (§ 102)
65	Frossard + Pagliaroli
93	Frossard + Drori
104	Frossard + LeBlanc
108	Frossard + Simms
Claims – '405 Patent	Prior Art
1 and 16	Frossard (§ 102)
2 and 17	Frossard + Pagliaroli
3	Frossard + Simms
11	Frossard + Shimizu

IPR2015-01508, Institution Decision, Paper 10, at 25-26. IPR2015-01585, Institution Decision, Paper 11, at 25-26.

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2) '076 and '405 Patents - Pagliaroli

Claims – '076 Patent	Prior Art
3 , 20, 65, 73 , 93, and 205	Pagliaroli (§ 102)
103	Pagliaroli + Frossard
104	Pagliaroli + LeBlanc
108	Pagliaroli + Simms
Claims – '405 Patent	Prior Art
1 , 2, 16 , and 17	Pagliaroli (§ 102)
3	Pagliaroli + Simms
11	Pagliaroli + Shimizu

IPR2015-01508, Institution Decision, Paper 10, at 25-26. IPR2015-01585, Institution Decision, Paper 11, at 25-26.

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3) '363 Patent

Claims - '363 Patent	Prior Art
21 , 24, 25, 36	Frossard + Spaur
22	Frossard + Spaur + Pagliaroli
29	Frossard + Spaur + Simms
21 , 22, 24, 25, 29, 36	Johnson + Rossmann

IPR2015-01645, Institution Decision, Paper 11, at 20.

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