Exhibit F - U.S. Patent No. 8,620,039 Claim Chart Against HID's Biometric Products

Claim Term(s)	Accused HID System
Claim 1	
(1.) A method of enrolling in a biometric card pointer system,[1] the method comprising the steps of:	To the extent the preamble is found to be limiting, use of the Accused HID S includes one or more of HID's biometric readers such as the Signo 25B Bion Reader"), in conjunction with HID Biometric Manager Software ("HBM")— of enrolling in a biometric card pointer system: "2.9.2 Enroll Cards 1. On the People screen select a displayed person record. 2. On the Cards screen click ADD CARD. 3. At this point on the Details screen you can either scan a card to obt or, if no card is available, manually enter card details. Scan card for card details 1. On the Details screen, click READ CARD. If more than one reade device from the displayed list. 2. Within five seconds, present a card to the Signo Biometric Reader Note: The card types supported by the device is configured in the dev see 2.21.2 Edit a device profile." *See* HID® Biometric Manager Administration Guide at 46 (accessed at: https://www.hidglobal.com/sites/default/files/resource_files/plt-04029-b.2-hi manager-administration-guide.pdf) "2.10.1 Enroll Biometrics One of the main features of HBM is enabling the enrollment of a fing authentication and access control when using the Signo Biometric Reader 25B.

[1] The term "biometric card pointer system" has been construed in CPC Patent Technologies Pty Ltd. v. Apple Inc. ("Apple Case") to be term with no patentable weight. With respect to any constructions of the '039 patent terms from the Apple Case, although these constr binding in this case, we are using them for the purposes of this analysis.

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Claim Term(s)	Accused HID System
	There are two ways to enroll the biometrics of a user: 1. Signo Biometric Reader 25B reader. 2. SIGNO-B-USB desktop enrollment reader. **Note:** HBM will use the SIGNO-B-USB reader by default. To use the Signo 25B for enrollment, you can select it at the start of enrollment. After enrollment, the user record containing the user information and biomet and stored in the HBM server database by default, for distribution to the con Biometric Reader 25B devices." *See* HID® Biometric Manager Administration Guide at 52
(1.a) receiving card information;	The HID Reader and the HBM software running on a computer are configure information related to a biometric card: "2.9.2 Enroll Cards 1. On the People screen select a displayed person record. 2. On the Cards screen click ADD CARD. 3. At this point on the Details screen you can either scan a card to obt or, if no card is available, manually enter card details. Scan card for card details 1. On the Details screen, click READ CARD. If more than one reade device from the displayed list. 2. Within five seconds, present a card to the Signo Biometric Reader Note: The card types supported by the device is configured in the dev see 2.21.2 Edit a deviceprofile." *See* HID® Biometric Manager Administration Guide at 46
(1.b) receiving the biometric signature;	The HID Reader and the HBM software running on a computer are configure biometric signature:

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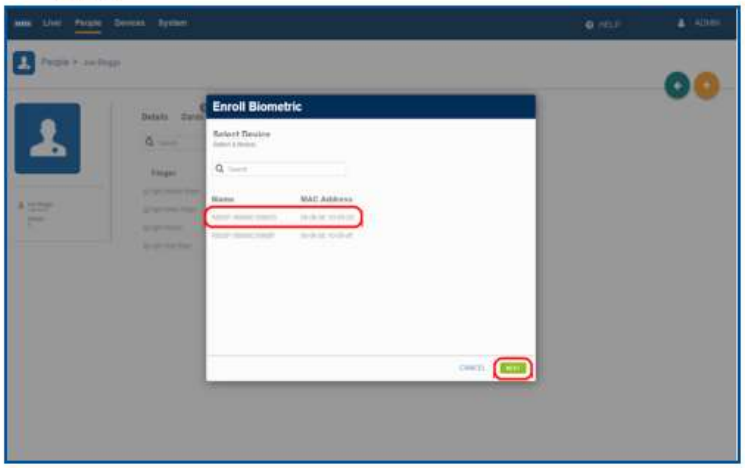
Claim Term(s)	Accused HID System

5. Select a device from the displayed list and click **NEXT**.

   Note: Device names can be changed to a logical name for easier identification, see **2.6.3 Configure device settings**.



6. For the highlighted finger you will be prompted to **Place finger on sensor** followed by **Lift finger**. It is recommended that you follow the on-screen prompts, in the correct sequence, to ensure a successful finger scan.

   Note: For information regarding the correct method of presenting fingers to the scanner during the biometric enrollment process, see *HID Signo Biometric Reader 25B User Guide* (PLT-04900).

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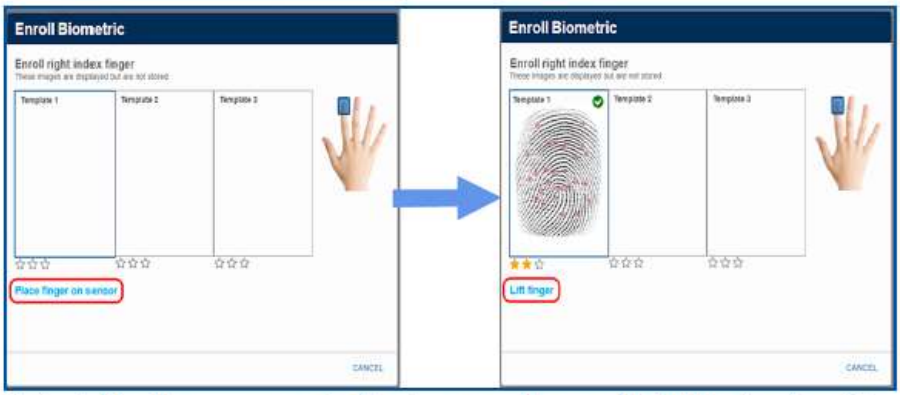
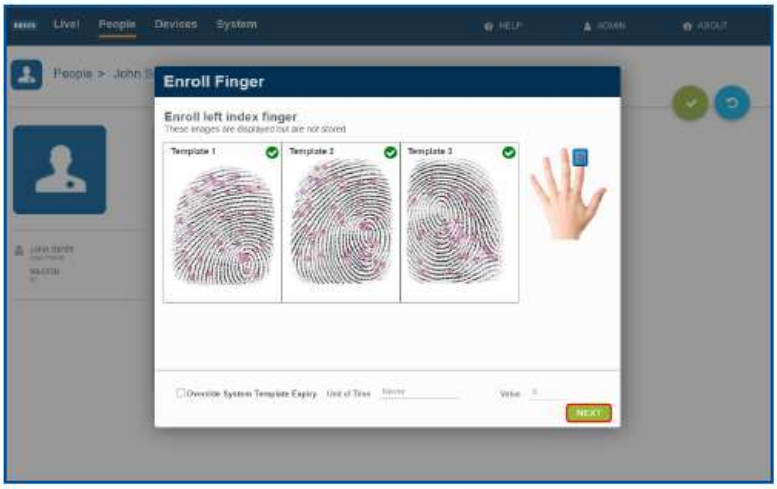
Claim Term(s)	Accused HID System
	 7. Continue to follow the on-screen prompts until you have successfully scanned the first finger three times. Click **NEXT**. **Note:** A score of at least one star per scan is needed. A poor score will require that you scan the finger another three times.  8. You will be prompted to proceed onto the next finger scan. Follow the on-screen instructions until you have successfully scanned the next finger three times. *See* HID® Biometric Manager Administration Guide at 53-54

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Claim Term(s)	Accused HID System
(1.c) defining, dependent upon the received card information, a memory location in a local memory external to the card;	The HBM software, which is external to the card, includes a memory locatio database of card credentials and biometric signatures (labeled "Credential Da diagram below): *See* HID® Biometric Manager Administration Guide at 8 (accessed at: https://www.hidglobal.com/sites/default/files/resource_files/plt-04029-b.2-h manager-administration-guide.pdf) "The Credential Database is a SQL database that HBM services uses credential data that has been gathered through manual registration or also stores configuration data and transaction logs for all installed Sig Reader 25B devices." *See* HID® Biometric Manager Administration Guide at 9. The HBM software identifies a memory location for the top credential associ and assigns the biometric data to that memory location: "When all of the selected fingers have been successfully scanned, cli enrolled fingerprints are associated with the top credential in the cred *See* HID® Biometric Manager Administration Guide at 55.

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