

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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**BEFORE THE PATENT TRIAL AND APPEAL BOARD**

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MASTERCARD INTERNATIONAL INCORPORATED  
Petitioner

v.

JOHN D'AGOSTINO  
Patent Owner

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Case IPR2014-00543 (Patent No. 8,036,988)  
Case IPR2014-00544 (Patent No. 7,840,486)

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**PETITIONER MASTERCARD'S**  
**OPENING BRIEF ON REMAND**

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## **I. INTRODUCTION**

On appeal from the Board’s Final Written Decisions (“FWDs”), the Federal Circuit altered the construction of the “single-merchant limitation” and remanded these cases to the Board to further consider whether “aspects of Cohen other than the chain-store discussion might satisfy the single-merchant claim limitation.” *D’Agostino v. MasterCard Int’l Inc.*, 844 F.3d 945, 951 (Fed. Cir. 2016). The evidence of record establishes that all claims of U.S. Patent No. 8,036,988 (“the ’988 Patent”) and U.S. Patent No. 7,840,486 (“the ’486 Patent”) are invalid under the Federal Circuit’s revised construction.

Specifically, U.S. Pat. No. 6,422,462 (“Cohen”) discloses at least two use-cases, each of which anticipate the single merchant limitation: (1) Cohen’s “single use” cards and (2) a card valid at “any computer store”. These examples in Cohen also anticipate the “one or more merchants” limitation as the Board held (and Patent Owner admitted) that the “one or more merchants” limitation encompasses the single merchant limitation. In addition, Cohen also discloses additional use-cases, which anticipate the one or more merchants limitation, including the “chain store” use-case the Board previously analyzed.

## **II. THE CHALLENGED CLAIMS ARE UNPATENTABLE UNDER THE FEDERAL CIRCUIT’S CLAIM CONSTRUCTION**

The Federal Circuit identified step (b) in claim 21 of the ’988 patent as representative of the single merchant limitation (“receiving a request from said

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account holder for a transaction code to make a purchase within a payment category that at least limits transactions to a single merchant, said single merchant limitation being included in said payment category prior to any particular merchant being identified as said single merchant”). *D’Agostino*, 844 F.3d at 948. The Federal Circuit construed the single merchant limitation as follows:

The single-merchant limitation thus requires, simply, that, when the transaction code is requested, the request limits the number of authorized merchants to one but does not then identify the merchant, such identification occurring only later.

*Id.* at 950.

The ’988 Patent comprises two categories of claims (the “single merchant” claims and the “one or more merchant” claims), whereas the ’486 Patent includes only “single merchant” claims. Under the Federal Circuit’s claim construction, Cohen anticipates both the Single Merchant Claims (claims 21, 23-25, 27-30 of the ’988 Patent, and claims 1-15, 22-30 of the ’486 Patent) and the One or More Merchant Claims (claims 1-10, 15-20, 22, 31-33, 35-38 of the ’988 Patent).

In the FWDs, the Board found the remaining claims (claims 11-14, 26, and 34 of the ’988 Patent, and claims 16-21 of the ’486 Patent) obvious under 35 U.S.C. §103 over the combination of Cohen and Musmanno. *See* ’988 FWD, IPR2014-00543 Paper 28, at 21-22; ’486 FWD, IPR2014-00544 Paper 22, at 19-20. The Federal Circuit did not remand this case for further consideration of the

Board's obviousness analysis regarding Musmanno. Thus, to the extent the Board concludes the intervening claims are anticipated over Cohen, these claims are unpatentable as obvious over Cohen and Musmanno for the reasons previously set forth in the Board's FWDs.

Under the Federal Circuit's construction, the single merchant and the one or more merchant claims are anticipated by various credit card use-cases in Cohen.

**A. The Single Merchant Claims are Anticipated under 35 USC § 102 by Cohen**

Cohen discloses two use-cases that anticipate the single merchant limitation: the "single use" card and the "any computer store" card. The Federal Circuit's construction for the single-merchant limitation has two required elements: "when the transaction code is requested, the request [1] limits the number of authorized merchants to one", but [2] "does not then identify the merchant, such identification occurring only later." *D'Agostino*, 844 F.3d at 950. In other words there must be a "separation in time" between limiting the card to a single merchant and then identifying the merchant. *Id.* Both of these examples in Cohen meet the Federal Circuit's construction.

**1. Cohen's "Single Use" Card Anticipates the Single Merchant Limitation**

Cohen discloses a credit card number that could be used for a single transaction with one merchant:

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