

TRADEMARK ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
Healthcare Management Systems, Inc.		09/28/2007	CORPORATION: TENNESSEE

RECEIVING PARTY DATA

Name:	NewStar Financial, Inc., as Administrative Agent to Secured Parties
Street Address:	500 Boylston Street, Suite 1600
City:	Boston
State/Country:	MASSACHUSETTS
Postal Code:	02116
Entity Type:	CORPORATION: DELAWARE

PROPERTY NUMBERS Total: 5

Property Type	Number	Word Mark
Serial Number:	78694475	HMS 001101001000010
Registration Number:	3075883	HEALTHCARE MANAGEMENT SYSTEMS, INC.
Registration Number:	2614823	HMS MONITOR HEALTHCARE MANAGEMENT SYSTEMS, INC.
Registration Number:	2801635	EHEALTHCOMPUTING.COM
Registration Number:	2578213	EHEALTHCOMPUTING.COM

CORRESPONDENCE DATA

Fax Number: (617)248-4000
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 6172485000
 Email: kschoff@choate.com
 Correspondent Name: Choate, Hall & Stewart LLP
 Address Line 1: Two International Place
 Address Line 2: Kell L. Schoff
 Address Line 4: Boston, MASSACHUSETTS 02110

OP \$140.00 78694475

ATTORNEY DOCKET NUMBER:	2007340-0010
NAME OF SUBMITTER:	Kell L. Schoff
Signature:	/Kell L. Schoff/
Date:	10/02/2007

Total Attachments: 12

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EXECUTION COPY

INTELLECTUAL PROPERTY SECURITY AGREEMENT

THIS INTELLECTUAL PROPERTY SECURITY AGREEMENT, dated as of September 28, 2007, is entered into by and among HMS ACQUISITION CORPORATION, a Tennessee corporation (the "**Borrower**"); after giving effect to the merger referred to below, HEALTHCARE MANAGEMENT SYSTEMS, INC., a Tennessee corporation ("**HMS**"); HEALTHCARE MANAGEMENT SYSTEMS ACQUISITION CORP., a Delaware corporation (the "**Parent**"), the Subsidiaries of the Borrower from time to time party hereto (hereinafter, collectively, the "**Subsidiary Guarantors**"), and together with the Borrower, the Parent, and their successors in title and assigns, the "**Grantors**"), and NEWSTAR FINANCIAL, INC., as administrative agent for the benefit of Secured Parties (hereinafter, the "**Administrative Agent**").

Statement of Facts

A. Pursuant to the Credit Agreement, dated as of the date hereof, by and among the Borrower, the Parent, the Subsidiary Guarantors, the several financial institutions from time to time party to the Credit Agreement as Lenders thereunder, and the Administrative Agent (as amended, amended and restated, modified, supplemented or restated and in effect from time to time, the "**Credit Agreement**"), the Lenders have agreed to make Loans and other extensions of credit to the Borrower.

B. In order to induce the Lenders to make Loans and other extensions of credit to the Borrower upon the terms and subject to the conditions contained in the Credit Agreement, the Grantors have agreed, upon the terms contained in the Credit Agreement and the Security Agreement referred to below, to grant to the Administrative Agent, for the benefit of Secured Parties, continuing security interests in and Liens upon all Intellectual Property of the Grantors in order to secure all of the Obligations.

C. The Grantors have granted to the Administrative Agent, for the benefit of the Secured Parties, continuing security interests in and Liens upon all of the Intellectual Property of the Grantors pursuant to and upon the terms and conditions contained in the Security Agreement, dated as of the date hereof, by and among the Borrower, the Parent, HMS, the Subsidiary Guarantors, and the Administrative Agent (as amended, amended and restated, modified, supplemented or restated and in effect from time to time, the "**Security Agreement**").

D. Upon the terms contained in the Credit Agreement and the Security Agreement, the Grantors have agreed to execute and deliver to the Administrative Agent, for the benefit of the Secured Parties, this Intellectual Property Security Agreement, which is supplemental to the Security Agreement.

E. Immediately after the initial extensions of credit are made to the Borrower under the Credit Agreement on the Closing Date, (i) the Borrower will consummate the transactions contemplated by and in accordance with the Stock Purchase Agreement and, after giving effect thereto, the Borrower will own one hundred percent (100%) of the

outstanding Capital Stock and Equity Rights of Healthcare Management Systems, Inc., a Tennessee corporation, and (ii) at the Merger Effective Time, the Borrower shall be merged with and into Healthcare Management Systems, Inc., with Healthcare Management Systems, Inc. being the surviving entity of such merger.

F. Pursuant to the Credit Agreement and the Ratification Agreement, immediately at the Merger Effective Time, Healthcare Management Systems, Inc. shall become the "Borrower" under the Credit Agreement and "Grantor" hereunder and shall assume the duties and liabilities of the Borrower under the Credit Agreement, this Agreement and every other Financing Document to which the Borrower is party, and each reference to "Borrower" thereunder and in this Agreement and any of such other Financing Document shall, from and after the Merger Effective Time, mean Healthcare Management Systems, Inc.

NOW, THEREFORE, in consideration of the premises and the mutual covenants herein contained and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Grantors jointly and severally hereby absolutely, unconditionally and irrevocably agree with the Administrative Agent as follows:

1. **Definitions.** All capitalized terms used (including in the Preamble and the Statement of Facts) but not otherwise defined herein shall have the meanings given to them in the Security Agreement or, if not defined therein, then in the Credit Agreement, and the following terms shall have (unless otherwise provided elsewhere in this Intellectual Property Security Agreement) the following respective meanings (such meanings being equally applicable to both the singular and plural forms of the terms defined):

(a) "Intellectual Property" shall mean all of the rights, title and interests of the Grantors in, to and under all of the following, whether presently existing or at any time or from time to time hereafter created, arising or acquired:

(i) all of its Marks, including all of its trademarks and all trademark licenses to which it is a party, including, without limitation, all of those referred to in Schedule I hereto;

(ii) all of its Patents and all Patent licenses to which it is a party, including, without limitation, all of those referred to in Schedule II hereto;

(iii) all of its Copyrights and all Copyright licenses to which it is a party, including, without limitation, all of those referred to in Schedule III hereto;

(iv) all goodwill of the businesses of the Grantors connected with the use of, or otherwise symbolized by, each Mark (including each trademark and trademark license), Patent, Patent license, Copyright and Copyright license;

(v) all Trade Secret Rights, all Works, Imprints, Manuscripts, URLs and all other Intellectual Property; and

(vi) all income, products and proceeds of each of the foregoing, including, without limitation, all claims by the Grantors against third parties for past, present or future (A) infringement or dilution of any Mark, including any trademark or trademark licensed under any trademark license, (B) injury to any goodwill associated with any Mark, including any trademark or any trademark licensed under any trademark license, (C) infringement of any Patent or any Patent licensed under any Patent license, (D) injury to any goodwill associated with any Patent or any Patent licensed under any Patent license, (E) infringement of any Copyright or any Copyright licensed under any Copyright license, (F) injury to any goodwill associated with any Copyright or any Copyright licensed under any Copyright license, or (G) violation of any Trade Secret Rights or any other Intellectual Property.

(b) “**Credit Agreement**” and “**Security Agreement**” shall have the meanings given to such terms in the Statement of Facts above.

(c) “**Obligations**” shall mean any and all of the Secured Obligations and Guaranteed Obligations (each as is defined in the Credit Agreement).

(d) “**UCC**” shall mean the Uniform Commercial Code, as enacted and in effect from time to time in the State of New York; provided, that if due to mandatory provisions of law, the attachment, perfection or priority of any Secured Party’s security interest in any part of the Collateral is governed by the Uniform Commercial Code as in effect in a jurisdiction other than The State of New York, “**UCC**” shall mean the Uniform Commercial Code as in effect from time to time in such other jurisdiction for purposes of the provisions hereof relating to such attachment, perfection or priority.

All other terms contained in this Intellectual Property Security Agreement shall, unless the context shall indicate otherwise, have the meanings provided for by the UCC, to the extent that such other terms are used or defined therein. References to the Credit Agreement or Security Agreement include any amendment, amendment and restatement, modification, supplement, restatement, replacement or refinancing (in whole or in part) thereof, whether by way of increase or reduction to any of the Commitments or the principal amount of any of the Loans, addition or elimination of any credit facilities thereunder, extension of any term, addition or deletion of any party thereto, or otherwise.

2. **Grant of Security Interests.** To secure the prompt and complete payment and performance of all and each of the Obligations, as and when the same shall become due and payable, whether at stated maturity, by required prepayment, declaration, acceleration, demand or otherwise (including the payment of amounts that would become due and payable but for the operation of the automatic stay under the Bankruptcy Code), the Grantors hereby grant to the Administrative Agent, for the benefit of the Secured Parties, a continuing security interest in and Lien upon all of the rights,

title and interests of the Grantors to, in and under all of the Intellectual Property. Notwithstanding the foregoing, any Intellectual Property which constitutes Excluded Property shall not constitute Collateral for the Obligations; provided, that, if and when any such Intellectual Property shall cease to be Excluded Property, such Intellectual Property shall automatically be deemed at all times from and after the date thereof to constitute Collateral subject to the terms hereof.

3. **Representations and Warranties.** The Grantors represent and warrant to the Administrative Agent that, as of the Closing Date, the Grantors do not have any ownership interest in, or title to, any registered Mark, Mark application, Patent, Patent application, registered Copyright or Copyright application, except as set forth in Schedule I, Schedule II and Schedule III hereto. This Intellectual Property Security Agreement is effective to create valid and continuing security interests in and Liens upon, and, upon the recording hereof with the United States Patent and Trademark Office and the United States Copyright Office, and the filing of appropriate financing statements in the State of organization of the applicable Grantor, perfected Liens in favor of the Administrative Agent on, the Grantors' Marks, Patents, and Copyrights, to the extent such perfection can be achieved by making such filings; and such perfected security interests and Liens shall be enforceable as such as against any and all creditors of or purchasers from the Grantors.

4. **Security Agreement.** The security interests and Liens granted by the Grantors to the Administrative Agent pursuant to this Intellectual Property Security Agreement are granted in conjunction with the security interests and Liens granted by the Grantors to the Administrative Agent pursuant to the Security Agreement. The Grantors and the Administrative Agent expressly agree that each of the security interests and Liens granted under this Intellectual Property Security Agreement and the Security Agreement in the Intellectual Property are intended to be treated as a single security interest for purposes of Article 9 of the UCC and other Applicable Law. The exercise by the Administrative Agent of any rights or remedies with respect to any of the Intellectual Property shall be deemed to be an exercise of such rights or remedies in connection with both this Intellectual Property Security Agreement and also the Security Agreement. In the event of any inconsistency between the terms and conditions of this Intellectual Property Security Agreement and the Security Agreement, then the terms and conditions of the Security Agreement shall prevail.

5. **Additional Grantors.** Additional Subsidiaries of the Borrower ("Additional Grantors") may from time to time hereafter become parties to and bound by this Intellectual Property Security Agreement by executing a counterpart hereof, or (alternatively) by executing a supplement to this Agreement or a joinder agreement, (in each case) in form and substance reasonably satisfactory to the Administrative Agent, and there shall be no need to re-execute, amend or restate this Agreement in connection therewith. Upon such execution and delivery of this Agreement by any Additional Grantor, such Additional Grantor shall be deemed to have made the representations and warranties set forth in this Agreement, and shall be bound by all of the terms, covenants and conditions hereof to the same extent as if such Additional Grantor had executed this Agreement as of the date hereof, and the Administrative Agent shall be entitled to all of the benefits of such Additional Grantor's Obligations hereunder.

6. **Reinstatement.** This Intellectual Property Security Agreement shall remain in full force and effect and continue to be effective in the event that any petition shall be filed by or against the Grantors for liquidation or reorganization, should the Grantors become insolvent or make an assignment for the benefit of any creditor or creditors or should a receiver or trustee be appointed for all or any significant part of the Grantors' assets, and shall continue to be effective or be reinstated, as the case may be, if at any time payment and performance of the Obligations, or any part thereof, is, pursuant to Applicable Law, rescinded or reduced in amount, or must otherwise be restored or returned, whether as a "voidable preference," "fraudulent conveyance," or otherwise, all as though such payment or performance had not been made. In the event that any payment, or any part thereof, is rescinded, reduced, restored or returned, the Obligations shall be reinstated and shall be deemed reduced only by such amount paid in cash and not so rescinded, reduced, restored or returned.

7. **Notices.** Except as otherwise provided herein, whenever it is provided herein that any notice, demand, request, consent, approval, declaration or other communication shall or may be given to or served upon any of the parties hereto by any other party hereto, or whenever any of the parties hereto desires to give and serve upon any other party hereto any communication with respect to this Intellectual Property Security Agreement, each such notice, demand, request, consent, approval, declaration or other communication shall be in writing and shall be given in the manner, and deemed received, as provided for in the notice provisions of the Credit Agreement.

8. **Termination; Release.**

(a) Subject always to Section 6 hereof, this Intellectual Property Security Agreement shall terminate upon the Termination Date. Upon any termination of the Liens created hereunder upon the Termination Date, the Administrative Agent shall, at the sole cost and expense of the Grantors, promptly execute and deliver to the Grantors such documents as the Grantors shall reasonably request to evidence the termination of the Liens created hereby.

(b) In the event that any part of the Security Agreement Collateral is sold in connection with a sale permitted by Section 8.04 of the Credit Agreement or otherwise released at the direction of the Administrative Agent or in accordance with the terms of the Credit Agreement, and the proceeds of such sale or sales or from such release are applied in accordance with the terms of the Credit Agreement, to the extent required to be so applied, such Security Agreement Collateral will be sold free and clear of the Liens created by this Agreement, and the Administrative Agent, at the request and expense of the respective Grantor, will execute and deliver to such Grantor a proper Instrument or Instruments (including Uniform Commercial Code termination statements) and will duly assign, transfer and deliver to such Grantor (without recourse, and without any representation or warranty) such of the Security Agreement Collateral covered by this Agreement as is then being (or has been) so sold or released and as may be in the possession of the Administrative Agent and has not theretofore been released pursuant to this Agreement.

9. Choice of Law And Venue; Jury Trial Waiver. THIS AGREEMENT SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF NEW YORK. EACH OF THE ADMINISTRATIVE AGENT AND EACH GRANTOR ACKNOWLEDGES THAT THE RIGHT TO TRIAL BY JURY IS A CONSTITUTIONAL ONE, BUT THAT IT MAY BE WAIVED. EACH OF THEM, AFTER CONSULTING OR HAVING HAD THE OPPORTUNITY TO CONSULT WITH COUNSEL OF THEIR CHOICE, KNOWINGLY, VOLUNTARILY AND INTENTIONALLY WAIVES ANY RIGHT ANY OF THEM MAY HAVE TO A TRIAL BY JURY IN ANY LITIGATION BASED UPON OR ARISING OUT OF THIS AGREEMENT OR ANY RELATED INSTRUMENT OR FINANCING DOCUMENT OR ANY OF THE TRANSACTIONS CONTEMPLATED BY THIS AGREEMENT OR ANY OF THE OTHER FINANCING DOCUMENTS OR ANY COURSE OF CONDUCT, DEALING, STATEMENTS (WHETHER ORAL OR WRITTEN), OR ACTION OF ANY OF THEM. EACH OF THE PARTIES HERETO HEREBY AGREES TO BE BOUND BY THE PROVISIONS SET FORTH IN SECTION 12.10 OR SECTION 12.11 OF THE CREDIT AGREEMENT, WHICH PROVISIONS ARE HEREBY INCORPORATED HEREIN BY REFERENCE WITH THE SAME FULL FORCE AND EFFECT AS IF SET FORTH HEREIN IN FULL.

10. Expenses. In the event that the Grantors shall fail to comply with the provisions of this Intellectual Property Security Agreement or any other Financing Document, such that the value of any Intellectual Property or the validity, perfection, rank or value of any Liens created hereunder is thereby materially diminished or potentially materially diminished or put at risk, the Administrative Agent may, but shall not be required to, effect such compliance on behalf of the Grantors, and the Grantors shall reimburse the Lenders for all of the reasonable costs and expenses thereof on demand by the Administrative Agent.

11. Delivery by Facsimile. Delivery of the signature pages to this Intellectual Property Security Agreement by facsimile shall be as effective as delivery of manually executed counterparts of this Intellectual Property Security Agreement.

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IN WITNESS WHEREOF, the Grantors have caused this INTELLECTUAL PROPERTY SECURITY AGREEMENT to be executed and delivered by its duly authorized officer or other representative as of the date first set forth above.

GRANTORS:

HMS ACQUISITION CORPORATION,
as the Borrower and a Grantor

By: Phillip C. Molner II

Name: Phillip C. Molner, II
Title: President

**HEALTHCARE MANAGEMENT
SYSTEMS ACQUISITION CORP.,**
as the Parent and a Grantor

By: Phillip C. Molner II

Name: Phillip C. Molner, II
Title: President

ADMINISTRATIVE AGENT:

NEWSTAR FINANCIAL, INC.,
as Administrative Agent

By: _____

Name: Levi Richardson
Title: Vice President

[Signature Page to Intellectual Property Security Agreement]

IN WITNESS WHEREOF, the Grantors have caused this INTELLECTUAL PROPERTY SECURITY AGREEMENT to be executed and delivered by its duly authorized officer or other representative as of the date first set forth above.

GRANTORS:

HMS ACQUISITION CORPORATION,
as the Borrower and a Grantor

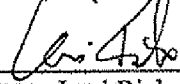
By: _____
Name:
Title:

**HEALTHCARE MANAGEMENT SYSTEMS
ACQUISITION CORP.,**
as the Parent and a Grantor

By: _____
Name:
Title:

ADMINISTRATIVE AGENT:


NEWSTAR FINANCIAL, INC.,
as Administrative Agent

By:  _____
Name: Levi Richardson
Title: Vice President

IN WITNESS WHEREOF, pursuant to the Ratification Agreement the undersigned have caused this INTELLECTUAL PROPERTY SECURITY AGREEMENT to be executed and delivered by its duly authorized officer or other representative as of the date first set forth above.

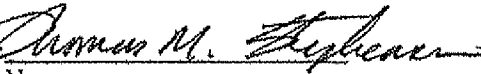
GRANTORS:

**HEALTHCARE MANAGEMENT
SYSTEMS, INC.**, as the Borrower and a
Grantor

By 

Name: Thomas Stephenson
Title: President and CEO

eHEALTHCOMPUTING.COM, INC., as
a Subsidiary Guarantor and a Grantor

By 

Name: Thomas Stephenson
Title: President and CEO

[Signature Page to Intellectual Property Security Agreement]

Schedule I

Trademarks; Trademark Licenses

U.S. TRADEMARKS

No.	Mark	Appl. No.	Appl. Date	Reg. No.	Reg. Date	Status	Owner
1.	HMS 001101001000010	78694475	08/17/05	----	----	Pending	Healthcare Management Systems, Inc
2.	Healthcare Management Systems, Inc.	78487150	09/21/04	3075883	04/04/06	Registered	Healthcare Management Systems, Inc
3.	HMS Monitor Healthcare Management System	76262713	05/26/01	2614823	09/03/02	Registered	Healthcare Management Systems, Inc
4.	ehealthcomputing.com	78188677	11/25/02	2801635	12/30/03	Registered	ehealthcomputing.com, LLC
5.	ehealthcomputing.com	76262714	05/26/01	2578213	06/11/02	Registered	ehealthcomputing.com, LLC

Schedule II

Patents; Patent Licenses

None.

Schedule III

Copyrights; Copyright Licenses

U.S. REGISTERED COPYRIGHTS

No	Title	Copyright Number	Registration Date	Author/Claimant
1.	Healthcare Management Systems, Inc. monitor : HMS monitor.	TX-4-199-339	10/04/95	Healthcare Management Systems, Inc
2.	General ledger	TX-3-950-102	10/18/94	Healthcare Management Systems, Inc
3.	Quality assurance : risk management	TX-3-950-103	10/18/94	Healthcare Management Systems, Inc
4.	Patient accounting.	TX-3-950-110	10/18/94	Healthcare Management Systems, Inc
5.	Patient accounting	TX-3-950-111	10/18/94	Healthcare Management Systems, Inc
6.	Treatment planning.	TX-3-950-104	01/21/94	Healthcare Management Systems, Inc
7.	Scheduling	TX-3-950-105	01/21/94	Healthcare Management Systems, Inc
8.	Radiology	TX-3-950-106	01/21/94	Healthcare Management Systems, Inc
9.	Order entry	TX-3-950-107	01/21/94	Healthcare Management Systems, Inc
10.	Menu application.	TX-3-950-108	01/21/94	Healthcare Management Systems, Inc
11.	Referral tracking.	TX-3-950-109	01/21/94	Healthcare Management Systems, Inc
12.	Electronic billing	TX-3-950-112	01/21/94	Healthcare Management Systems, Inc
13.	Results reporting	TX-3-950-113	01/21/94	Healthcare Management Systems, Inc
14.	General ledger	TX-3-950-114	01/21/94	Healthcare Management Systems, Inc
15.	Fixed assets.	TX-3-950-115	01/21/94	Healthcare Management Systems, Inc
16.	Accounts payable	TX-3-950-116	01/21/94	Healthcare Management Systems, Inc
17.	Payroll	TX-3-950-117	01/21/94	Healthcare Management Systems, Inc
18.	Materials management	TX-3-950-118	01/21/94	Healthcare Management Systems, Inc
19.	Medical records.	TX-3-950-119	01/21/94	Healthcare Management Systems, Inc
20.	Patient accounting.	TX-3-950-120	01/21/94	Healthcare Management Systems, Inc