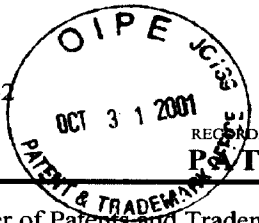


Atty Docket No.: 7178-001-2

FORM PTO-1595
1-31-92



11-05-2001



101892313

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

HASSBJER MICRO SYSTEM AKTIEBOLAG

10/31/01

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):

Name: HMS NETWORKS AB

Address: Pilefeltsgatan 73
S-302 50 Halmstad, Sweden

3. Nature of Conveyance:

- Assignment
- Security Agreement
- Other
- Merger
- Change of Name

Execution Date: October 10, 2000

Additional name(s) and address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

5,581,354

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5. Name and address of party to whom correspondence concerning document should be mailed:



22850

6. Total applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00
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01 FC:581 40.00 DP

PATENT
REEL: 012287 FRAME: 0649

CERTIFICATE OF REGISTRATION

SWEDEN

Registration number: 556056-0228
 Date of registration: 1951-10-23
 Company name: HMS Networks AB
 Address: Pilefeltsgatan 93-95
 302 50 HALMSTAD
 Registered office: Halmstad
 Share capital: SEK 996.109,60



BOARD OF DIRECTORS:

370823-0333 Andersson, Hans Allan, Stenbocksvägen 18,
 175 65 JÄRFÄLLA
 670125-4655 Dahlström, Carl Staffan, Björkstigen 18,
 310 41 GULLBRANDSTORP
 670611-4375 Hassbjer, Åke Niclas Hampus, Strandgatan 2,
 302 46 HALMSTAD
 451018-6911 Jansson, Fritz Martin Urban, Gyllenhammars Väg 8,
 302 41 HALMSTAD
 380909-8076 Lindkvist, Ragnvald Lage Berthold, (O),
 Gamelgårdsvägen, 216 20 MALMÖ
 531228-0075 Palmstierna, Carl Gustaf Evert, Narvavägen 8,
 115 25 STOCKHOLM

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 580525-3951 Peterson, Dan Åke, Kamrersvägen 62, 237 34 BJÄRRED

MANAGING DIRECTOR:

670611-4375 Hassbjer, Åke Niclas Hampus, Strandgatan 2,
 302 46 HALMSTAD

DEPUTY MANAGING DIRECTOR:

670125-4655 Dahlström, Carl Staffan, Björkstigen 18,
 310 41 GULLBRANDSTORP

COMPANY AUDITORS:

450525-2959 Herne, Per Hans Åke, c/o Öhrlings Coopers & Lybrand,
 Box 324, 301 08 HALMSTAD

CONTD.

PRV Bolag

PATENT- OCH REGISTRERINGSVERKET

CERTIFICATE OF REGISTRATION**SWEDEN**

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 Address:
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 302 50 HALMSTAD
 Registered office: Halmstad
 Share capital: SEK 996.109,60

DEPUTY AUDITORS:
 420617-4676 Holm, Bengt-Anders Christian,
 c/o Öhrlings Coopers & Lybrand, Box 324, 301 08 HALMSTAD

SIGNATORY POWER:
 In addition to the Board of Directors,
 any two jointly of
 the board members
 are entitled to sign on behalf of the company.

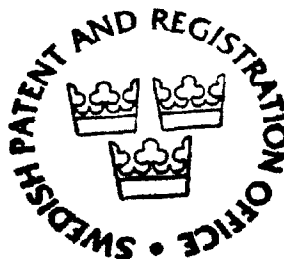
Furthermore, the Managing Director, in his normal business activities, is also entitled to sign on behalf of the company.

FINANCIAL YEAR:
 Registered financial year: 0101-1231
 Latest annual report submitted covers financial period 990101-991231

DATE OF REGISTRATION OF CURRENT AND PREVIOUS COMPANY NAMES:
 2000-10-10 HMS Networks AB
 1989-11-20 Hassbjer Micro System Aktiebolag
 1986-07-30 Hassbjer Design & Reklam Aktiebolag
 1978-04-12 Larsint Aktiebolag
 1951-10-23 Biljönsson Aktiebolag

SUNDSVALL 2001-03-07
 Ex officio

Anette Jacobsson
 ANETTE JACOBSSON



- (O) = chairman of the board
- (A) = employee representative
- (U) = person resident outside EEA
- (E) = person resident outside Sweden but within EEA