

NetVision Phone NP-4046-300-WW

with Mitel Client

User Guide



symbol®

*The **NetVision Phone***

(NVP) provides on-site, wireless voice communication capability.

The NVP performs like a cellular phone.

Before use, the NVP requires configuration to the local network by the system administrator.

LED: Indicates an incoming call.

EARPIECE

MINI-HEADSET JACK: Plug headset into phone for hands-free use.

LCD SCREEN: Shows the status of the phone and menu options.

SELECTION KEYS: Use to select the option displayed on the LCD screen.

SCROLL KEYS: Use to move up and down when selecting a feature, option or to increase or decrease call volume.

END or RED PHONE KEY: Press to end a call, refuse a call, power off the phone and to return to the previous menu.

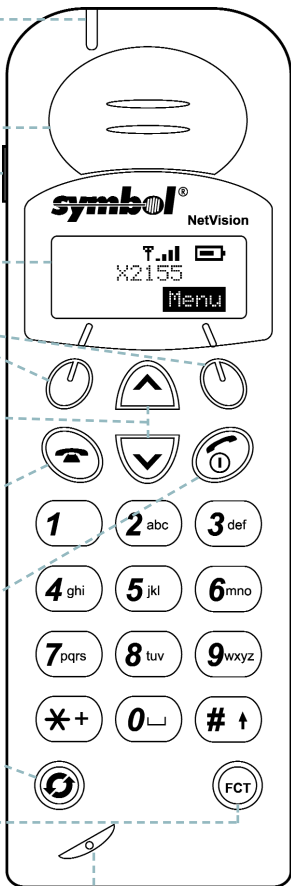
SEND or GREEN PHONE KEY: Use to accept a call, power on the phone, select and save settings in the phone menus.

SWAP KEY: Use to switch between two modes: phone view and user view.

FUNCTION KEY: Use to access function menu when in phone view mode.

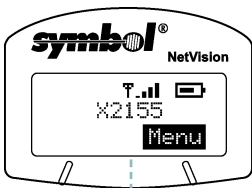
MOUTHPIECE:

SERIAL PORT: Use to download software.



SOFT KEYS:

Appear as text on the LCD screen.



Back: Use to return to the previous menu.

Clbk: Use to call back when the number dialed is busy. After 10 seconds, the call back option is cancelled.

Clr: Use to clear an entry.

Fwd: Use to forward an incoming call to a preprogrammed extension.

Menu: Use to display the phone user menu.

Ok: Use to accept an entry or answer a call.

Phbk: Use to display name directory.

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Battery Operations

Fully charge the battery before initial use of the NVP. Charge the battery attached or detached from the phone.

Charging the Battery

When charging the battery attached to the phone, turn off the phone before inserting it into the charger. Place the battery or battery and phone combination into the charger. See below for LED descriptions.

The LED indicators on the charger indicate:

GREEN LED indicates a fully charged battery.

RED LED indicates the battery is charging; wait until the LED changes to **GREEN** before using battery.

AMBER LED indicates the charger is waiting to charge the other battery.

The charger charges the phone first. The charging cycle for the other device starts when the first cycle finishes.

Removing the Battery

Remove the battery by depressing the catch and pulling the top of the battery away from the phone.

Note: When battery latch is opened. You will find the part number, serial number and manufacturing and regulatory information located on the inside compartment.

Replacing the Battery

Replace the battery to the phone by aligning the feet on the battery with the notches on the phone. Push the top of the battery into the phone until the latch clicks.

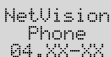


Basic Functions


Basic Functions introduces the user to tasks, such as:

- Power On
- Login
- Logout
- LCD Icons
- Make a Call
- Using the Phonebook
- Using Speak@Ease
- Redial
- Speed Call
- Adjust Call Volume
- Receive a Call
- End a Call
- Keyguard
- Power Off.

Power On



NetVision
Phone
04.XX-XX

Press  to power on the NVP. The NVP LCD briefly displays the firmware version.

After powering on (Personal Mode) and logging in (Shared Mode), two screen modes are available: *phone view* and *user view*.

Phone View:



12:25 PM
May 10 2002
PHBK

Press  to toggle between the two

screens. *Phone view* allows access to the phone book (PHBK), making and answering calls.

Note: Phonebook softkey is displayed only when this feature is enabled by the system administrator.

User View:



User view sets basic phone and network features.

Login

There are two different status displays, shared mode and personal mode.


Personal Mode:




A phone configured for personal mode, automatically logs in and displays the time and date, when powered on, indicating an IDLE state.

Shared Mode:

If your phone is configured in shared mode, a User Login screen displays.


1. Enter your user login (directory number).
2. Press  .
3. Enter your user PIN.


4. Press  .

Note: Obtain a user Login (usually a one to seven digit DN) and password (PIN) from the system administrator.

Logout

To logout of the network:

Note: From Phone View press  to return to the user view

1. From the user view, select Menu.
2. Scroll to Logout.
3. Press  to logout. User Login displays on the LCD screen.

Note: Only users with a Shared mode configured phone can logout of the network. Users with Personal mode configured phones power it off.

LCD Icons



Signal Strength Indicator

Shows the RF signal strength from the access point.



“X” Indicates that the phone is not associated.



Note: When the phone is not associated, it will beep three times and turn off after 5 minutes.

Battery Strength When battery is low, the battery indicator will begin to flash and the phone will beep once.



Make a Call



Note: Place the phone in phone view to make a call or accept an incoming call.

To place a call to another dialable endpoint (e.g., wired IP phone, wireless phone, TDM device):

1. Enter the number or press the PHBK softkey (if the phonebook feature is enabled).



Using the Phonebook

Note: The NVP must be enabled to use the phonebook.


1. Press the left hand phonebook (PBHK) softkey in the Phone view. The phone displays `Enter Name`.
2. Use the keypad to enter the name of the person you wish to call (entering the first few letters is allowed).
3. Press the `LOOKUP` softkey.

Note: For each letter in the name, press the appropriate key on keypad until the letter displays on the LCD. For example, if the letter C is required, press the 2 button on the

keypad three times. Use the right and left arrow softkeys to correct errors. If the next letter in a name is on the same key as the previous letter, press the right hand softkey to proceed. Use the right hand softkey to add a space between the first and last name.

4. Press the **Call** softkey once the name appears on the phone LCD.

Note: If no match exists the phone displays **No Such Entry**. Edit the original entry and try to find the name again.

5. If there are similar names listed, press the **Next** softkey to advance through the list of names until the correct name appears then:
 - To make a call press the **Call** softkey
 - To edit the entry press the **Retry** softkey.
 - To exit press  .


Using Speak@Ease

Note: The NVP must be enabled to use Speak@Ease. If **SPEZ** is not displayed in the phone view or when Superkey is selected, Speak@Ease is not available.

1. Press the left hand softkey, **SPEZ**, in the phone view.

The phone displays a **DN** followed by **Speak**.



2. Follow the voice prompts.

Note: This procedure is the same when the user has activated Superkey using the  (Function key).


Redial

Note: Feature access codes are programmed at the 3300 ICP and are unique to each customer environment. Contact the site administrator for specific feature access codes.


To redial the last number manually dialed:

1. Press the  (Function key)
2. Press the scroll key to locate Redial.
3. Press  to redial the number.

To save the last number manually dialed:

1. Press  .
2. Enter "last number saved" feature access code. (the display clears momentarily and returns to the phone view).

To redial a saved number:


1. Press  .
2. Enter "last number saved" feature access code (the name/number being dialed is displayed).





Speed Call

Note: Personal Speed Call lists must be configured by the System Administrator.


To store a personal Speed Call number:

1. Press .
2. Enter "Personal Speed Call" feature access code.
3. Enter an index number (this is the location on the speed call list) between 00 and 09.


Note: A pause is needed between the digits dialed.

4. Enter the first digit of the number to be stored.
5. Press .
6. Scroll to the the *Hold* menu item using the scroll keys, press .

Note: Selecting *Hold* more than once lengthens the pause.

7. Repeat steps 4,5 and 6 until the last digit is entered, then proceed.
8. Press  to save the Speed call number.

To dial a stored personal Speed Call number:

1. Press .
2. Enter "Personal Speedcall" feature access code.

3. Enter the location of the stored number (a location/index number between 00 and 09).

Adjust Call Volume

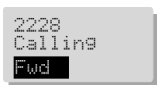


When in an active call, adjust the ear-piece volume of the current call using the scroll keys.

1. Select the Down Scroll key.
2. Adjust Level using Up and Down scroll keys.


Volume can be adjusted from Level 0 (low) to Level 15 (high).

Receive a Call





Note: Place the phone in phone view to make a call or accept an incoming call.

For an incoming call, the caller ID feature identifies callers, before the call is answered.


To accept an incoming call when there is no active call taking place, press  (if the phone is configured for Auto Answer, no user action is required to accept the call).

Auto Answer

To enable or disable Auto Answer:

1. Press  (function key).
2. Scroll down (using the scroll keys) to the Superkey menu item and select the Superkey by pressing  (send key).
3. Scroll through the Superkey menu selecting No until Auto Answer is displayed.
4. Press the left hand softkey to enable or disable Auto Answer.

End a Call

To end a call, press  .


The LCD screen displays IDLE state (phone view).

Keyguard

Lock the keypad in order to prevent accidental phone operation and unnecessary battery power consumption. Any incoming call can be answered (using the green off-hook button) and ended (using the red on-hook button) without unlocking the keypad. All other keys are disabled, unless the user returns to user view and turns off Keyguard. The keypad reverts to a locked keypad after the call is completed.

To lock keypad:



1. From user view, select Menu and scroll to Keyguard.
2. Press . Keys Locked displays on the LCD screen.

--OR--

Select Menu and press *.

Keys Locked displays on the LCD screen.



To unlock the keypad:



Press Unlk (softkey) and then *.
Keys Unlocked displays on the LCD screen.

Power Off




From user view, press and hold  .
If the  key is released before the boxes are cleared, the phone will remain ON. The LCD screen clears and the phone powers off.


Note: To use the  key to power off, place the phone in user view.

Phone Settings

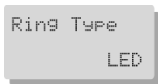
Phone Settings allows user to set features, such as:

- Ring Type
- Ring Tone
- Key Volume
- Backlight
- Contrast



Note: To set phone settings, from user view, select `Menu > Settings` and press .

Note: Press  to return to the previous menu.

Ring Type



To set the volume of the ring for incoming calls:




1. Select `Ring Type` from the `Settings` menu and press .
2. Use the scroll keys to display the ring type options: `LED`, `Beep`, `Vibrate` or `All` (the phone beeps, LED flashes and vibrates). When the selection displays, a sample of the option is given.
3. Press . `Ring Type Configured` displays on the LCD screen.

4. Return to the Main settings display by pressing the top left hand key.

Ring Tone




To set the ring tone for incoming calls:

1. Select Ring Tone from the Settings menu and press  (send key).
2. Use the scroll keys to display the ring tone options: Tone 1 to Tone 6. When the selection displays, a sample of the option is given.
3. Press . Ring Tone Configured displays on the LCD screen.
4. Press  to return to main menu.


Key Volume



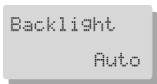
To set the volume level:

1. Select Key Volume from the Settings menu and press .
2. Use the scroll keys to display the key volume options: Off, Low or



High. When the selection displays, a sample of the option is given.

3. Press . Key Volume
Configured displays on the screen.

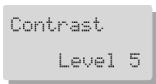
Backlight




To set the LCD screen to illuminate in the dark:


1. Select Backlight from the Settings menu and press .
2. Use the scroll keys to display the backlight options: Off, On, Auto.
3. Press . Backlight
Configured displays on the LCD screen.

Contrast



To set the contrast level of the LCD screen to suit various lighting conditions:

1. Select Contrast from Settings menu and press .
2. Use the scroll keys to adjust the contrast slider from Level 0 (light) to Level 15 (dark).

3. Press  . Contrast
Configured displays on the
LCD screen.

Call Operations

Call Operations introduces the user to features, such as:

- Transfer Call
- Conference Call
- Hold
- Off Hold
- Cancel
- Redial
- Message
- Superkey
- Agent Login
- Call Forwarding
- Call Forward - Remote
- Timed Reminder
- Advisory Messages
- Music
- Do Not Disturb
- Auto Answer
- Night Service
- Set Password
- Language Selection
- Account Codes







Note: Feature access codes are programmed at the 3300 ICP and are unique to each customer environment. Contact the site administrator for specific feature access codes.

Note: Call operations can only be accessed from phone view.

Transfer Call







To transfer an active call:

1. Press  .
2. On the Function menu use the scroll keys to display Trans/Conf.
3. Press  to select Trans/Conf.
4. Dial the number of the third party.
5. Do one of the following:
 - To complete the Transfer, press  or use the right hand soft key (RLS).
 - To announce the Transfer, wait for an answer, consult and press  .
 - To swap between the incoming call and the called user during the transfer, press the left hand soft key (TRD).
 - To release the incoming call and complete the transfer, press the right hand softkey (RLS).
 - To cancel the Transfer, press  and then use the scroll keys to display Cancel and press  .

Conference Call

To form a conference when a two party call is already in place, or to add another party to an existing conference:


1. Press  .
2. On the Function menu, use the scroll keys to display Trans/Conf.
3. Press  . To select Trans/Conf.
4. Dial the number of the next party.
5. Wait for an answer.
6. Press FCT and scroll to Trans/Conf.
7. Press  callers are now in a three way call (conference).
8. Press  to leave a conference call.

Note: The two original callers can split the conference and speak privately by pressing the left hand softkey. This places the last conferenced party on hold. The Split Conference softkey feature is only available when there is a three party conference.

Hold



To place a call on hold:

1. Press  .
2. On the Function menu use, the scroll keys to display Hold on the



Function menu.

3. Press  to select Hold.

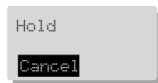
Off Hold





To take a call off of hold:

1. Press  .
2. On the Function menu use the scroll keys to display Off Hold.
3. Press  to select Off Hold.

Cancel



To return to the main screen:

1. Press  .
2. On the Function menu use the scroll keys to display Cancel.
3. Press  to select Cancel.


Redial



To redial the last number that you manually dialed:

1. Press  .
2. On the Function menu, use the



scroll keys to display Redial.

3. Press  to select Redial.


Message





To respond to a message waiting on your telephone:

1. Press  .
2. On the Function menu, use the scroll keys to display Message.
3. Press Message to select.
4. If a password is required, enter the password and select Enter softkey or press  .
5. Press the Yes softkey.
6. Do one or all of the following (if required):
 - To display the time the message was sent, select the More softkey.
 - To display the number of the caller, select the More soft key twice.
7. Perform the following when applicable:
 - To call the message sender, select the Call softkey.
 - To delete the message, select

Erase softkey.

- To view the next message, select Message softkey and press .

To leave a message waiting indication on a telephone when you hear busy or ringback tone:



1. Press .
2. On the Function menu, use the scroll keys to display Message
3. Press .

Superkey



Note: PBX specific features and feature access codes are programmed at the 3300 Integrated Communications Platform (ICP). PBX features and access codes are unique to each customer environment. Contact the site administrator for specific features and access codes. To access PBX specific feature functionality:

To access PBX specific feature functionality:

1. Press .
2. On the Function menu, use the scroll keys to display Superkey.
3. Press  to select.

Use the right hand softkey to move

through the list of Superkey features. The right hand softkey is used to say no to the feature displayed and move on to the next feature. To activate a feature use the left hand softkey.

Agent Login



To invoke the Agent Login feature:

1. Press the left hand softkey.
2. Enter a valid agent ID.
3. Press the left hand softkey; the phone displays the idle state for agent login.

Call Forwarding

1. Press the left hand softkey, the phone displays Call Forwarding.
2. Call Forward redirects incoming calls to an alternate number; There are several different types of call forwarding:
 - Always redirect all incoming calls regardless of the state of telephone.
 - B-Int redirects internal calls when the telephone is busy.

- B-Ext redirects external calls when the telephone is busy.
- NA-Int redirects internal calls after several rings if the telephone is not answered.
- NA-Ext redirects external calls after several rings if telephone is not answered.

To program Call Forward:

1. Press the **NXT** softkey until the desired type of Call Forward appears.
2. Press the **REV** softkey.
3. If a number is already programmed, press the **CHG** softkey.
4. Press the **PRG** softkey.
5. Dial the destination number.
6. Press the **SAV** softkey.

To turn Call Forward on and off (once it has been programmed):


1. Press the **NXT** softkey until the type of Call Forward appears.
2. Press the **REV** softkey.
3. Press the **CHG** softkey.
 - To turn Call Forward on, press the **ON** softkey.
 - To turn Call Forward off, press the **OFF** softkey.

Call Forward - Remote


To forward calls from a remote station to the current location:


1. Press the No softkey until Call Forwarding? appears.
2. Press the Yes softkey.
3. Press the NXT softkey until I Am Here appears.
4. Press the Yes softkey.
5. Dial the extension of the remote station.
6. Press the Sav softkey.

To cancel Call Forward - Remote from the station that was forwarded:


1. Press the No softkey until Call Forwarding? appears.
2. Press the Yes softkey.
3. Press the Rev softkey.
4. Press the Chg softkey.
5. Press the Off softkey.
6. Press .


To cancel Call Forward - Remote from the station that set the remote forwarding:

1. Press .
2. Dial "Cancel Call Forward Follow Me Remote" feature access code.
3. Dial the extension of the remote station.

4. Press  .

To ensure that calls are not forwarded again by the destination number:

1. Press  .
2. Dial "Call Forwarding End Chaining" feature access code.

3. Press  .

To allow calls to be forwarded by the destination number:

1. Press  .
2. Dial "Cancel Call Forwarding End Chaining" feature access code.

3. Press  .


To force an incoming call to be forwarded:

1. Press the Fwd softkey.

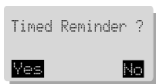
Note: Call Forwarding MUST be Programmed and enabled in order to have the Fwd softkey selection available.

To override Call Forward and ring a station:



1. Press  .
2. Dial "Call forwarding Override" feature access code.
3. Dial the extension number.


Timed Reminder



To program a Timed Reminder:

1. Press the `No` softkey until `Timed Reminder` appears.
2. Press the `Yes` softkey.
3. Enter the time in 24-hour format.
4. Press the `SAV` softkey.

To view, change, and/or cancel a pending Reminder:

1. Press the `No` softkey until `Timed Reminder` appears.
2. Press the `Yes` softkey. Perform the following where applicable:
 - To change the Reminder, press the `Chg` softkey, enter the new time, and press the `SAV` softkey.
 - To cancel the Reminder, press the `Clr` softkey
 - To exit without canceling the Reminder, press  .
 - To acknowledge a Reminder when your set rings once press the `Cfm` softkey.

Advisory Messages



To turn Messaging - Advisory on:

1. Press the No softkey until Advisory Msgs? appears.
2. Press the Yes softkey.
3. Press the NXT softkey until the desired message appears.
4. Press the On softkey.

To turn Messaging - Advisory off:

1. Press the No softkey until Advisory Msgs? appears.
2. Press the Yes softkey.
3. Press the Off softkey.

Remote Messages



To check for messages from a remote station:

1. Press the No softkey until Remote Msging? appears.
2. Press the Yes softkey.
3. Dial your extension number.
4. Press the Ent softkey.

5. If a password is required, enter your password and press the **Ent** softkey.
6. Press the **Yes** softkey.

Music



To turn Music On (remote music source must be programmed in the 3300 ICP):

1. Press the **No** softkey until **Music?** appears.
2. Press the **On** softkey.

To turn Music Off:

1. Press the **No** softkey until **Music?** appears.
2. Press the **Off** softkey.

Do Not Disturb





To turn DND On:

1. Press the **No** softkey until **Do Not Disturb?** appears.
2. Press the **On** softkey.



To turn DND Off:

1. Press the **On** softkey until **Do Not Disturb?** appears.
2. Press the **Off** softkey.

To activate Do Not Disturb from a remote station:

1. Press .
2. Dial "DND Remote" feature access code.
3. Dial the number of the station to which Do Not Disturb is to apply.
4. Press .

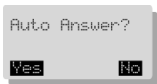
To deactivate Do Not Disturb from a remote station:

1. Press .
2. Dial "DND Cancel Remote" feature access code.
3. Dial the number of the station with Do Not Disturb activated.
4. Press .

To use Override when you encounter busy or DND tone:

1. Press the Intrude softkey.

Auto Answer



To turn Auto Answer On:

1. Press the No softkey until Auto Answer? appears.
2. Press the On softkey.

To turn Auto Answer Off:

1. Press the No softkey until Auto Answer? appears.
2. Press the Off softkey

Night Service



To turn night service on (night service needs to be programmed in the 3300 ICP):

1. Press the No softkey until Night Service? appears.
2. Press the Yes softkey.
3. Press the Chg softkey.
4. Press the Yes softkey to select night service #1
5. Press the No and then Yes soft keys to select night service #2.

Set Password




To set, change, or clear a password (up to 7 digits, not including 0):

1. Press the No softkey until Set Password appears.
2. Press the Yes softkey.

Perform the following where applicable:

- To enter a new password, enter your password.
- To change or clear your password, enter your current password.
- Press the **Enter** softkey.

If you are changing or clearing your password, perform the following where applicable:

1. To change your password, enter your new password.
2. Press the **Ent** softkey.
3. To clear your password, enter 0.
4. Enter your new password again.
5. If you are setting up or changing a password, press the **Ent** softkey.
6. Press  .

Language Selection





Note: English is currently the only language supported

1. Press the **No** softkey until **Language** appears.
2. Press the **Yes** softkey.
3. Press the **Ch9** softkey.
4. Press the **No** softkey until the desired message appears.
5. Press the **Yes** softkey.

Account Codes

To enter an Account Code during a call:

1. Press  .
2. On the Function menu, use the scroll keys to display `SUPERkey`.
3. Press  to select `SUPERkey`.
4. Press the `Yes` softkey.
5. Dial the Account Code digits.
6. Press the `Save` softkey.

Perform the following where applicable:

- For a verified account code, press the `Yes` softkey.
- For a non-verified account code, press the `No` softkey.

Note: Account Code selection is only available when enabled by the System Administrator.

Customer Support

Symbol Technologies provides its customers with prompt and accurate customer support.

Use the Global Support Center as the primary contact for any technical problem, question or support issue involving Symbol products.

If the Symbol Customer Support specialists cannot solve a problem, access to all technical disciplines within Symbol becomes available for further assistance and support.

Global Customer Support responds to calls by email, telephone or fax within the time limits set forth in individual contractual agreements.

When contacting Global Customer Support, please provide the following information:

- serial number (MAC address) of unit
- part number or product name.

North American Contacts

Inside North America,
contact Global Support Center at:

Symbol Technologies, Inc.
One Symbol Plaza
Holtsville, New York 11742-1300
Telephone: 1-800-653-5350
Fax: (631) 563-5410
Email: support@symbol.com

International Contacts

Outside North America,
contact Symbol at:

Symbol Technologies
Technical Support
12 Oaklands Park
Berkshire, RG41 2FD,
United Kingdom
Tel: 011-44-118-945-7000 or
1-631-738-2400 ext. 6213
[http://www.symbol.com/services/
howto/howto_contact_us.html](http://www.symbol.com/services/howto/howto_contact_us.html).

Patents

This product is covered by one or more of the following U.S. and foreign Patents:

U.S. Patent No.

4,593,186;	4,603,262;	4,607,156;	4,652,750;	4,673,805;
4,736,095;	4,758,717;	4,760,248;	4,806,742;	4,816,660;
4,845,350;	4,896,026;	4,897,532;	4,923,281;	4,933,538;
4,992,717;	5,015,833;	5,017,765;	5,021,641;	5,029,183;
5,047,617;	5,103,461;	5,113,445;	5,130,520;	5,140,144;
5,142,550;	5,149,950;	5,157,687;	5,168,148;	5,168,149;
5,180,904;	5,216,232;	5,229,591;	5,230,088;	5,235,167;
5,243,655;	5,247,162;	5,250,791;	5,250,792;	5,260,553;
5,262,627;	5,262,628;	5,266,787;	5,278,398;	5,280,162;
5,280,163;	5,280,164;	5,280,498;	5,304,786;	5,304,788;
5,306,900;	5,324,924;	5,337,361;	5,367,151;	5,373,148;
5,378,882;	5,396,053;	5,396,055;	5,399,846;	5,408,081;
5,410,139;	5,410,140;	5,412,198;	5,418,812;	5,420,411;
5,436,440;	5,444,231;	5,449,891;	5,449,893;	5,468,949;
5,471,042;	5,478,998;	5,479,000;	5,479,002;	5,479,441;
5,504,322;	5,519,577;	5,528,621;	5,532,469;	5,543,610;
5,545,889;	5,552,592;	5,557,093;	5,578,810;	5,581,070;
5,589,679;	5,589,680;	5,608,202;	5,612,531;	5,619,028;
5,627,359;	5,637,852;	5,664,229;	5,668,803;	5,675,139;
5,693,929;	5,698,835;	5,705,800;	5,714,746;	5,723,851;
5,734,152;	5,734,153;	5,742,043;	5,745,794;	5,754,587;
5,762,516;	5,763,863;	5,767,500;	5,789,728;	5,789,731;
5,808,287;	5,811,785;	5,811,787;	5,815,811;	5,821,519;
5,821,520;	5,823,812;	5,828,050;	5,848,064;	5,850,078;
5,861,615;	5,874,720;	5,875,415;	5,900,617;	5,902,989;
5,907,146;	5,912,450;	5,914,478;	5,917,173;	5,920,059;
5,923,025;	5,929,420;	5,945,658;	5,945,659;	5,946,194;
5,959,285;	6,002,918;	6,021,947;	6,029,894;	6,031,830;
6,036,098;	6,047,892;	6,050,491;	6,053,413;	6,056,200;
6,065,678;	6,067,297;	6,082,621;	6,084,528;	6,088,482;
6,092,725;	6,101,483;	6,102,293;	6,104,620;	6,114,712;
6,115,678;	6,119,944;	6,123,265;	6,131,814;	6,138,180;
6,142,379;	6,172,478;	6,176,428;	6,178,426;	6,186,400;
6,188,681;	6,209,788;	6,209,789;	6,216,951;	6,220,514;
6,243,447;	6,244,513;	6,247,647;	6,308,061;	6,250,551;
6,295,031;	6,308,061;	6,308,892;	6,321,990;	6,328,213;
6,330,244;	6,336,587;	6,340,114;	6,340,115;	6,340,119;
6,348,773;	D305,885;	D341,584;	D344,501;	D359,483;
D362,453;	D363,700;	D363,918;	D370,478;	D383,124;
D391,250;	D405,077;	D406,581;	D414,171;	D414,172;
D418,500;	D419,548;	D423,468;	D424,035;	D430,158;
D430,159;	D431,562;	D436,104;		

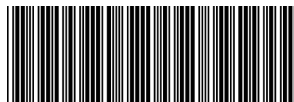
Invention No. 55,358; 62,539; 69,060; 69,187 (Taiwan);
No. 1,601,796; 1,907,875; 1,955,269 (Japan); European
Patent 367,299; 414,281; 367,300; 367,298; UK
2,072,832; France 81/03938; Italy 1,138,713 (3/02)

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